D Y

DDH - DATA

1976 - 1978

017647

****
* DDH: 76X-21 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 328
POINTS = 327 MAX DDH DEPTH = 774.9 METERS
MAX TRUE DEPTH = 773.9 METERS

EASTING: -.2 - 8.2 METERS
NORTHING: -19.1 - .5 METERS

TYPE C DATA (CONTACTS) ----- 61
TYPE F DATA (PLANES) ------- 148
TYPE P DATA (SAMPLES) ------ 72
TYPE S DATA (SYMMETRY) ----- 117
TYPE X DATA (REF MARKERS) -- 38

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.4	01 #	17	568.8	17 4K0	33	624.4	33 4A0	49	731.9	49 0A1
2	10.1	02 5BG	18	569.9	18 5B6	34	626.2	34 5B6	50	739.9	50 3D4
3	512.8	03 5B0	19	571.3	19 4K0	35	651.0	35 5B6	51	741.8	51 0A1
4	513.6	04 5B6	20	581.7	20 4C7	36	651.6	36 5A0	52	742.2	52 3D1
5	514.0	05 4K1	21	582.6	21 4E0	37	652.5	37 5A9	53	746.6	53 0A1
6	514.1	06 4K1	22	587.9	22 4A4	38	652.8	38 4E0	54	758.3	54 3F0
7	518.4	07 4K1	23	589.5	23 4D0	39	653.9	39 5A0	55	759.1	55 0A1
8	520.8	08 4A0	24	598.8	24 5B6	40	654.5	40 4E0	56	760.3	56 3D4
9	521.5	09 5B6	25	600.9	25 5B6	41	655.4	41 5B6	57	762.0	57 0A1
10	562.9	10 5B0	26	605.9	26 5B6	42	665.3	42 5A1	58	764.1	58 3F0
11	563.4	11 4C0	27	609.3	27 5B6	43	667.8	43 3F0	59	764.7	59 0A1
12	564.3	12 4E0	28	615.2	28 5B6	44	671.4	44 5A1	60	768.4	60 3D4
13	565.3	13 4D0	29	618.1	29 5B6	45	713.3	45 0A1	61	774.9	61 0A1
14	566.3	14 5B6	30	619.5	30 4A0	46	718.4	46 3F0			
15	566.6	15 4E0	31	622.7	31 4A4	47	728.0	47 0A1			
16	567.0	16 5B6	32	623.6	32 5B6	48	729.4	48 3F0			

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*      DDH:  76X-21      *     START PLOT NUMBER  1
**************************

      PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

~     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.64 -    .02 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  30.47 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   774.9 METERS     J =   1 - 327

*****  PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,015

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**************************
*      DDH:  76X-21      *     START PLOT NUMBER  2
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      PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.64 -    .02 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  30.47 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   774.9 METERS     J =   1 - 327
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****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
10.6	179.7	350.9	60.	5.	30.0	5.0	29.6	80.	185.	10.0	185.0	-9.9	-.20	-.03
12.6	179.6	349.2	70.	320.	20.0	320.0	11.8	70.	185.	20.0	185.0	-19.7	-.19	-.07
16.1	179.5	346.2	60.	25.	29.6	25.0	29.2	70.	185.	20.0	185.0	-19.7	-.19	-.07
17.9	179.5	344.6	70.	50.	20.0	50.0	16.6	80.	185.	10.0	185.0	-9.9	-.20	-.03
22.0	179.4	341.1	50.	50.	39.8	50.0	34.3	80.	185.	10.0	185.0	-9.9	-.20	-.03
28.1	179.2	335.8	60.	50.	30.0	50.0	25.3	70.	185.	20.7	185.0	-20.4	-.19	-.07
37.3	179.0	335.6	80.	25.				65.	185.	25.9	185.0	-25.5	-.18	-.09
46.6	178.8	357.1	5.	25.	83.9	25.0	83.8	70.	185.	21.2	185.0	-20.9	-.19	-.07
52.8	178.8	11.5	40.	245.	50.7	245.0	-38.2	75.	185.	16.2	185.0	-16.0	-.19	-.05
59.2	178.7	26.4	70.	30.	18.7	30.0	18.1	85.	185.	5.2	206.4	-5.1	-.20	-.02
64.9	178.6	39.6	50.	15.	38.7	15.0	38.7	65.	185.	26.1	185.0	-25.8	-.18	-.09
68.4	178.6	47.7	60.	5.	29.0	5.0	28.6	70.	185.	21.0	185.0	-20.7	-.19	-.07
70.1	178.5	51.7	70.	330.	19.9	330.0	14.4	70.	185.	21.0	185.0	-20.7	-.19	-.07
76.3	178.5	66.0	50.	325.	40.3	325.0	28.6	85.	185.					
81.8	178.4	78.8	50.	345.	40.0	345.0	36.0	70.	185.	19.9	185.0	-19.7	-.19	-.07
85.0	178.3	86.2	80.	5.	9.9	5.0	9.7	70.	185.	19.9	185.0	-19.7	-.19	-.07
86.8	178.3	90.4	40.	5.	50.0	5.0	49.5	70.	185.	19.9	185.0	-19.7	-.19	-.07
92.3	178.2	103.2	30.	5.	60.2	5.0	59.9	80.	185.	9.8	185.0	-9.7	-.20	-.03
93.7	178.2	106.4	30.	5.	60.3	5.0	60.0	70.	185.	19.9	185.0	-19.6	-.19	-.07
102.4	178.1	126.6	65.	340.	26.6	340.0	22.3	60.	185.	29.0	185.0	-28.6	-.18	-.10
106.5	178.1	136.1	60.	5.	31.2	5.0	30.8	80.	185.	8.6	185.0	-8.5	-.20	-.03
114.7	177.9	147.7	85.	45.				75.	185.	13.3	185.0	-13.1	-.19	-.05
116.4	177.8	148.0	60.	35.	30.8	35.0	29.3	80.	185.	8.2	185.0	-8.0	-.20	-.03
121.6	177.6	149.0	60.	5.	31.9	5.0	31.5	85.	185.					
133.3	177.1	151.4	40.	230.	49.4	230.0	-43.7	80.	185.	7.5	185.0	-7.3	-.20	-.03
139.5	176.9	152.6	50.	5.	42.6	5.0	42.2	70.	185.	17.3	185.0	-17.1	-.19	-.06
144.7	176.7	153.6	60.	330.	33.3	330.0	24.9	60.	185.	27.1	185.0	-26.8	-.18	-.09
153.0	176.4	155.2	50.	55.	40.5	55.0	33.2	65.	185.	21.8	185.0	-21.5	-.19	-.07
161.2	176.0	156.8	80.	45.	10.8	45.0	9.4	70.	185.	16.4	185.0	-16.2	-.19	-.06
168.5	175.7	158.3	80.	35.	11.7	35.0	11.0	65.	185.	21.1	185.0	-20.8	-.19	-.07
176.4	175.4	159.8	80.	325.	14.4	325.0	9.4	70.	185.	15.7	185.0	-15.5	-.19	-.05
181.3	175.2	160.8	80.	5.	14.2	5.0	14.0	65.	185.	20.5	185.0	-20.3	-.19	-.07
188.9	175.0	162.4	60.	5.	34.6	5.0	34.2	45.	185.	40.4	185.0	-39.9	-.15	-.13
195.6	175.0	164.3	40.	5.	54.7	5.0	54.2	85.	185.					
203.4	175.1	166.5	50.	5.	44.6	5.0	44.2	80.	185.	5.2	185.0	-5.2	-.20	-.02
214.4	175.1	169.6	70.	5.	24.7	5.0	24.4	75.	185.	10.2	185.0	-10.1	-.20	-.03
224.1	175.2	172.3	20.	5.	74.7	5.0	74.5	70.	185.	15.3	185.0	-15.1	-.19	-.05
226.4	175.2	173.0	60.	185.	25.3	185.0	-25.0	80.	185.	5.3	185.0	-5.2	-.20	-.02
237.5	175.2	176.1	50.	25.	44.1	25.0	43.7	85.	185.					
239.2	175.2	176.6	80.	5.	14.7	5.0	14.5	70.	185.	15.2	185.0	-15.0	-.19	-.05
245.9	175.3	178.5	80.	5.	14.7	5.0	14.4	70.	185.	15.3	185.0	-15.1	-.19	-.05

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
248.1	175.3	179.1	60.	25.	34.2	25.0	33.8	70.	185.	15.3	185.0	-15.1	-.19	-.05
254.5	175.3	180.9	80.	5.	14.7	5.0	14.5	70.	185.	15.3	185.0	-15.1	-.19	-.05
259.0	175.3	182.1	70.	5.	24.7	5.0	24.4	60.	185.	25.3	185.0	-25.0	-.18	-.08
267.6	175.4	184.6	80.	335.	13.7	335.0	10.6	70.	185.	15.4	185.0	-15.2	-.19	-.05
272.1	175.4	185.8	40.	345.	54.3	345.0	50.3	80.	185.	5.4	185.0	-5.3	-.20	-.02
280.4	175.4	188.2	70.	5.	24.6	5.0	24.3	70.	185.	15.4	185.0	-15.2	-.19	-.05
284.0	175.5	189.2	70.	5.	24.5	5.0	24.2	65.	185.	20.5	185.0	-20.2	-.19	-.07
291.0	175.5	191.1	85.	5.				60.	185.	25.5	185.0	-25.2	-.18	-.09
293.8	175.5	191.9	50.	15.	44.5	15.0	44.5	70.	185.	15.5	185.0	-15.3	-.19	-.05
302.0	175.5	194.2	65.	185.	20.5	185.0	-20.3	70.	185.	15.5	185.0	-15.3	-.19	-.05
312.4	175.6	197.2	70.	185.	15.7	185.0	-15.5	80.	185.	5.7	185.0	-5.6	-.20	-.02
318.2	175.6	198.8	60.	345.	33.6	345.0	29.9	65.	185.	20.7	185.0	-20.4	-.19	-.07
324.0	175.6	200.4	70.	85.	21.5	85.0	7.7	60.	185.	25.7	185.0	-25.4	-.18	-.09
331.0	175.7	202.4	70.	325.	22.0	325.0	14.6	70.	185.	15.9	185.0	-15.6	-.19	-.05
343.0	175.7	205.8	50.	115.	39.8	115.0	-8.2	70.	185.	15.9	185.0	-15.7	-.19	-.05
348.3	175.8	207.2	30.	5.	63.9	5.0	63.5	75.	185.	11.0	185.0	-10.9	-.20	-.04
352.6	175.8	208.5	50.	5.	43.8	5.0	43.4	70.	185.	16.1	185.0	-15.8	-.19	-.05
355.0	175.8	209.1	60.	5.	33.8	5.0	33.4	75.	185.	11.1	185.0	-10.9	-.20	-.04
356.6	175.8	209.6	85.	5.				80.	185.	6.0	185.0	-5.9	-.20	-.02
360.4	175.8	210.7	40.	5.	53.8	5.0	53.3	75.	185.	11.1	185.0	-10.9	-.20	-.04
365.9	175.8	212.2	70.	5.	23.6	5.0	23.3	65.	185.	21.2	185.0	-20.9	-.19	-.07
373.3	175.9	214.3	70.	5.	23.5	5.0	23.2	70.	185.	16.3	185.0	-16.1	-.19	-.06
377.3	175.9	215.4	60.	5.	33.5	5.0	33.1	80.	185.	6.2	185.0	-6.2	-.20	-.02
379.1	175.9	215.9	50.	5.	43.5	5.0	43.0	70.	185.	16.4	185.0	-16.1	-.19	-.06
386.4	175.9	218.0	50.	5.	43.4	5.0	43.0	70.	185.	16.4	185.0	-16.2	-.19	-.06
393.6	176.0	220.0	50.	5.	43.2	5.0	42.8	70.	185.	16.6	185.0	-16.4	-.19	-.06
397.4	176.0	221.1	70.	5.	23.1	5.0	22.8	70.	185.	16.6	185.0	-16.4	-.19	-.06
401.7	176.0	222.3	50.	5.	43.1	5.0	42.7	70.	185.	16.7	185.0	-16.4	-.19	-.06
405.6	176.0	223.4	80.	335.	10.8	335.0	8.3	70.	185.	16.7	185.0	-16.5	-.19	-.06
413.3	176.1	225.5	50.	305.	39.1	305.0	15.6	80.	185.	6.7	185.0	-6.6	-.20	-.02
419.0	176.1	227.1	50.	5.	42.8	5.0	42.4	80.	185.	6.8	185.0	-6.7	-.20	-.02
422.1	176.1	228.0	50.	5.	42.8	5.0	42.3	80.	185.	6.8	185.0	-6.7	-.20	-.02
423.9	176.1	228.5	70.	5.	22.7	5.0	22.3	70.	185.	17.0	185.0	-16.8	-.19	-.06
431.9	176.1	230.8	50.	185.	37.2	185.0	-36.8	75.	185.	12.0	185.0	-11.8	-.20	-.04
440.2	176.2	233.1	60.	5.	32.4	5.0	32.0	70.	185.	17.3	185.0	-17.0	-.19	-.06
443.7	176.2	234.1	60.	45.	33.7	45.0	30.1	70.	185.	17.3	185.0	-17.1	-.19	-.06
447.4	176.2	235.1	30.	185.	57.5	185.0	-57.1	75.	185.	12.3	185.0	-12.1	-.20	-.04
454.1	176.3	237.0	50.	5.	42.2	5.0	41.8	70.	185.	17.5	185.0	-17.3	-.19	-.06
459.0	176.3	238.4	50.	5.	42.1	5.0	41.7	60.	185.	27.7	185.0	-27.3	-.18	-.09
464.5	176.3	239.9	40.	5.	52.1	5.0	51.6	80.	185.	7.4	185.0	-7.3	-.20	-.03
466.1	176.3	240.4	85.	5.				70.	185.	17.7	185.0	-17.4	-.19	-.06

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
471.8	176.3	242.0	50.	25.	42.9	25.0	42.5	75.	185.	12.7	185.0	-12.5	-.20	-.04
477.6	176.4	243.6	40.	65.	53.6	65.0	41.1	70.	185.	17.9	185.0	-17.6	-.19	-.06
486.1	176.4	246.0	80.	5.	11.2	5.0	11.1	70.	185.	18.0	185.0	-17.8	-.19	-.06
494.6	176.4	248.4	70.	5.	21.4	5.0	21.1	70.	185.	18.1	185.0	-17.9	-.19	-.06
502.9	176.5	250.7	50.	185.	38.5	185.0	-38.0	70.	185.	18.3	185.0	-18.1	-.19	-.06
511.3	176.5	253.1	60.	5.	31.1	5.0	30.8	60.	185.	28.5	185.0	-28.2	-.18	-.09
518.7	176.6	255.2	65.	185.	23.7	185.0	-23.3	50.	185.	38.7	185.0	-38.3	-.16	-.12
519.0	176.6	255.3	70.	185.	18.6	185.0	-18.3	50.	185.	38.7	185.0	-38.3	-.16	-.12
519.5	176.6	255.4	55.	245.	31.7	245.0	-21.6	80.	185.	8.3	185.0	-8.2	-.20	-.03
519.8	176.6	255.5	80.	5.	10.6	5.0	10.5	65.	185.	23.7	185.0	-23.3	-.18	-.08
520.1	176.6	255.6	70.	5.	20.9	5.0	20.6	80.	185.	8.3	185.0	-8.2	-.20	-.03
520.4	176.6	255.6	70.	325.	18.6	325.0	12.2	70.	185.	18.6	185.0	-18.4	-.19	-.06
520.8	176.6	255.8	50.	185.	38.8	185.0	-38.3	70.	185.	18.6	185.0	-18.4	-.19	-.06
525.3	176.6	257.0	80.	45.	12.7	45.0	11.1	75.	185.	13.6	185.0	-13.4	-.19	-.05
534.0	176.6	259.5	30.	125.	62.4	125.0	-33.1	60.	185.	28.9	185.0	-28.6	-.18	-.10
543.1	176.7	262.0	55.	5.	35.6	5.0	35.2	70.	185.	19.0	185.0	-18.7	-.19	-.06
548.6	176.7	263.6						90.	185.					
554.7	176.7	265.3						90.	185.					
561.1	176.8	267.1						90.	185.					
564.4	176.8	268.0						70.	185.	19.8	185.0	-19.5	-.19	-.07
564.7	176.8	268.1	60.	5.	30.2	5.0	29.9	70.	185.	19.8	185.0	-19.5	-.19	-.07
565.9	176.8	268.4	60.	5.	30.2	5.0	29.8	80.	185.	9.5	185.0	-9.4	-.20	-.03
566.9	176.8	268.7	75.	5.	14.7	5.0	14.5	70.	185.	19.8	185.0	-19.5	-.19	-.07
568.4	176.8	269.1	90.	0.				70.	185.	19.8	185.0	-19.5	-.19	-.07
570.2	176.8	269.7	80.	0.	9.5	0.	9.2	80.	185.	9.5	185.0	-9.3	-.20	-.03
573.3	176.8	270.5	70.	0.	19.8	0.	19.1	70.	185.	19.8	185.0	-19.5	-.19	-.07
575.7	176.8	271.2	85.	5.				80.	185.	9.5	185.0	-9.3	-.20	-.03
578.0	176.8	271.8	60.	0.	29.8	0.	29.0	90.	185.					
578.4	176.8	272.0						70.	185.	19.8	185.0	-19.5	-.19	-.07
578.9	176.8	272.1	60.	225.	27.7	225.0	-24.5	85.	185.					
579.4	176.8	272.2	80.	50.	12.1	50.0	10.0	80.	185.	9.5	185.0	-9.3	-.20	-.03
581.1	176.8	272.7	70.	275.	16.8	275.0	-3.0	70.	185.	19.8	185.0	-19.5	-.19	-.07
581.6	176.8	272.9	50.	0.	39.9	0.	38.9	0.	185.	89.9	185.0	-89.9	-.00	-.20
										89.9	185.0	-89.9	-.00	-.20
583.3	176.9	273.3	70.	5.	19.8	5.0	19.5	70.	185.	19.8	185.0	-19.5	-.19	-.07
584.3	176.9	273.6	40.	5.	49.9	5.0	49.5	60.	185.	29.9	185.0	-29.5	-.17	-.10
585.8	176.9	274.0	40.	325.	48.0	325.0	35.5	70.	185.	19.8	185.0	-19.5	-.19	-.07
591.9	176.9	275.8	80.	185.	9.5	185.0	-9.4	70.	185.	19.8	185.0	-19.5	-.19	-.07
598.4	176.9	277.6	30.	5.	59.8	5.0	59.4	70.	185.	19.8	185.0	-19.5	-.19	-.07
601.0	176.9	278.3	40.	50.	52.0	50.0	46.4	60.	185.	29.9	185.0	-29.5	-.17	-.10
610.8	177.0	281.1	50.	35.	41.1	35.0	39.4	65.	185.	24.8	185.0	-24.5	-.18	-.08

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED		CALCULATED		OBSERVED		CALCULATED			
METERS	Z-ANG	AZ	CA	DIPD	DIP DIPD	AP-DIP	CA	DIPD	DIP DIPD	AP-DIP	H	V
615.0	176.9	280.5					80.	185.	9.5 185.0	-9.4	-.20	-.03
616.0	176.9	278.9	40.	185.	50.1 185.0	-49.7	70.	185.	19.8 185.0	-19.5	-.19	-.07
621.1	176.5	270.5	45.	230.	42.3 230.0	-36.7	60.	185.	29.8 185.0	-29.4	-.17	-.10
623.3	176.4	266.9	70.	255.	16.5 255.0	-8.4	60.	185.	29.3 185.0	-28.9	-.18	-.10
633.3	175.7	250.5	30.	215.	56.5 215.0	-54.8	60.	185.	28.0 185.0	-27.6	-.18	-.09
655.9	174.3	213.4					60.	185.	24.9 185.0	-24.5	-.18	-.08
663.8	173.7	200.5					60.	185.	23.9 185.0	-23.6	-.18	-.08
670.5	173.3	189.5					60.	185.	23.3 185.0	-23.0	-.18	-.08
671.4	173.2	188.0					60.	185.	23.2 185.0	-22.9	-.18	-.08
678.7	172.8	176.0					50.	185.	32.9 185.0	-32.5	-.17	-.11
686.7	172.2	162.9					60.	185.	22.6 185.0	-22.3	-.19	-.08
694.3	172.3	163.8					40.	185.	42.8 185.0	-42.3	-.15	-.13
701.0	172.7	175.3					60.	185.	22.8 185.0	-22.5	-.18	-.08
708.9	173.2	188.7					50.	185.	33.2 185.0	-32.8	-.17	-.11
713.2	173.5	196.1					50.	185.	33.6 185.0	-33.2	-.17	-.11
713.5	173.5	196.6					50.	185.	33.6 185.0	-33.2	-.17	-.11
718.4	173.8	204.9					60.	185.	24.1 185.0	-23.8	-.18	-.08
719.6	173.9	207.0					60.	185.	24.3 185.0	-23.9	-.18	-.08
728.0	174.5	221.3					55.	185.	30.4 185.0	-30.0	-.17	-.10
731.9	174.7	228.0					60.	185.	25.9 185.0	-25.6	-.18	-.09
739.7	175.2	241.3					60.	185.	27.1 185.0	-26.7	-.18	-.09
741.8	175.4	244.9					70.	185.	17.3 185.0	-17.1	-.19	-.06
746.6	175.7	253.0					50.	185.	38.2 185.0	-37.8	-.16	-.12
750.7	176.0	260.0					45.	185.	43.8 185.0	-43.4	-.15	-.14
756.5	176.3	269.9					70.	185.	19.7 185.0	-19.4	-.19	-.07
763.8	176.8	282.4					60.	185.	30.3 185.0	-29.9	-.17	-.10

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 76X-21 * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.01 - .51 (INCHES)
Y-AXIS BOREHOLE LENGTH: 30.47 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 774.9 METERS J = 1 - 327

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H V
10.6	179.7	350.9	60.	5.	30.0	5.0	-5.7	80.	185.	10.0	185.0	1.8	.20 .01
12.6	179.6	349.2	70.	320.	20.0	320.0	-16.6	70.	185.	20.0	185.0	3.6	.20 .01
16.1	179.5	346.2	60.	25.	29.6	25.0	5.6	70.	185.	20.0	185.0	3.6	.20 .01
17.9	179.5	344.6	70.	50.	20.0	50.0	11.8	80.	185.	10.0	185.0	1.8	.20 .01
22.0	179.4	341.1	50.	50.	39.8	50.0	25.5	80.	185.	10.0	185.0	1.8	.20 .01
28.1	179.2	335.8	60.	50.	30.0	50.0	18.3	70.	185.	20.7	185.0	3.8	.20 .01
37.3	179.0	335.6	80.	25.				65.	185.	25.9	185.0	4.8	.20 .02
46.6	178.8	357.1	5.	25.	83.9	25.0	58.6	70.	185.	21.2	185.0	3.9	.20 .01
52.8	178.8	11.5	40.	245.	50.7	245.0	-43.1	75.	185.	16.2	185.0	2.9	.20 .01
59.2	178.7	26.4	70.	30.	18.7	30.0	5.0	85.	185.	5.2	206.4	-1.0	-.20 -.00
64.9	178.6	39.6	50.	15.	38.7	15.0	-.0	65.	185.	26.1	185.0	4.9	.20 .02
68.4	178.6	47.7	60.	5.	29.0	5.0	-5.5	70.	185.	21.0	185.0	3.8	.20 .01
70.1	178.5	51.7	70.	330.	19.9	330.0	-14.4	70.	185.	21.0	185.0	3.8	.20 .01
76.3	178.5	66.0	50.	325.	40.3	325.0	-33.0	85.	185.				
81.8	178.4	78.8	50.	345.	40.0	345.0	-22.7	70.	185.	19.9	185.0	3.6	.20 .01
85.0	178.3	86.2	80.	5.	9.9	5.0	-1.7	70.	185.	19.9	185.0	3.6	.20 .01
86.8	178.3	90.4	40.	5.	50.0	5.0	-11.7	70.	185.	19.9	185.0	3.6	.20 .01
92.3	178.2	103.2	30.	5.	60.2	5.0	-16.9	80.	185.	9.8	185.0	1.7	.20 .01
93.7	178.2	106.4	30.	5.	60.3	5.0	-17.0	70.	185.	19.9	185.0	3.6	.20 .01
102.4	178.1	126.6	65.	340.	26.6	340.0	-16.0	60.	185.	29.0	185.0	5.5	.20 .02
106.5	178.1	136.1	60.	5.	31.2	5.0	-6.0	80.	185.	8.6	185.0	1.5	.20 .01
114.7	177.9	147.7	85.	45.				75.	185.	13.3	185.0	2.3	.20 .01
116.4	177.8	148.0	60.	35.	30.8	35.0	11.5	80.	185.	8.2	185.0	1.4	.20 .00
121.6	177.6	149.0	60.	5.	31.9	5.0	-6.2	85.	185.				
133.3	177.1	151.4	40.	230.	49.4	230.0	-33.8	80.	185.	7.5	185.0	1.3	.20 .00
139.5	176.9	152.6	50.	5.	42.6	5.0	-9.1	70.	185.	17.3	185.0	3.1	.20 .01
144.7	176.7	153.6	60.	330.	33.3	330.0	-24.9	60.	185.	27.1	185.0	5.1	.20 .02
153.0	176.4	155.2	50.	55.	40.5	55.0	28.8	65.	185.	21.8	185.0	4.0	.20 .01
161.2	176.0	156.8	80.	45.	10.8	45.0	5.4	70.	185.	16.4	185.0	2.9	.20 .01
168.5	175.7	158.3	80.	35.	11.7	35.0	4.1	65.	185.	21.1	185.0	3.8	.20 .01
176.4	175.4	159.8	80.	325.	14.4	325.0	-11.1	70.	185.	15.7	185.0	2.8	.20 .01
181.3	175.2	160.8	80.	5.	14.2	5.0	-2.5	65.	185.	20.5	185.0	3.7	.20 .01
188.9	175.0	162.4	60.	5.	34.6	5.0	-6.8	45.	185.	40.4	185.0	8.4	.20 .03
195.6	175.0	164.3	40.	5.	54.7	5.0	-13.8	85.	185.				
203.4	175.1	166.5	50.	5.	44.6	5.0	-9.7	80.	185.	5.2	185.0	.9	.20 .00
214.4	175.1	169.6	70.	5.	24.7	5.0	-4.6	75.	185.	10.2	185.0	1.8	.20 .01
224.1	175.2	172.3	20.	5.	74.7	5.0	-32.4	70.	185.	15.3	185.0	2.7	.20 .01
226.4	175.2	173.0	60.	185.	25.3	185.0	4.7	80.	185.	5.3	185.0	.9	.20 .00
237.5	175.2	176.1	50.	25.	44.1	25.0	9.6	85.	185.				
239.2	175.2	176.6	80.	5.	14.7	5.0	-2.6	70.	185.	15.2	185.0	2.7	.20 .01
245.9	175.3	178.5	80.	5.	14.7	5.0	-2.6	70.	185.	15.3	185.0	2.7	.20 .01

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H V
248.1	175.3	179.1	60.	25.	34.2	25.0	6.7	70.	185.	15.3	185.0	2.7	.20 .01
254.5	175.3	180.9	80.	5.	14.7	5.0	-2.6	70.	185.	15.3	185.0	2.7	.20 .01
259.0	175.3	182.1	70.	5.	24.7	5.0	-4.6	60.	185.	25.3	185.0	4.7	.20 .02
267.6	175.4	184.6	80.	335.	13.7	335.0	-8.9	70.	185.	15.4	185.0	2.7	.20 .01
272.1	175.4	185.8	40.	345.	54.3	345.0	-34.8	80.	185.	5.4	185.0	.9	.20 .00
280.4	175.4	188.2	70.	5.	24.6	5.0	-4.5	70.	185.	15.4	185.0	2.7	.20 .01
284.0	175.5	189.2	70.	5.	24.5	5.0	-4.5	65.	185.	20.5	185.0	3.7	.20 .01
291.0	175.5	191.1	85.	5.				60.	185.	25.5	185.0	4.7	.20 .02
293.8	175.5	191.9	50.	15.	44.5	15.0	-.0	70.	185.	15.5	185.0	2.8	.20 .01
302.0	175.5	194.2	65.	185.	20.5	185.0	3.7	70.	185.	15.5	185.0	2.8	.20 .01
312.4	175.6	197.2	70.	185.	15.7	185.0	2.8	80.	185.	5.7	185.0	1.0	.20 .00
318.2	175.6	198.8	60.	345.	33.6	345.0	-18.4	65.	185.	20.7	185.0	3.8	.20 .01
324.0	175.6	200.4	70.	85.	21.5	85.0	20.3	60.	185.	25.7	185.0	4.8	.20 .02
331.0	175.7	202.4	70.	325.	22.0	325.0	-17.2	70.	185.	15.9	185.0	2.8	.20 .01
343.0	175.7	205.8	50.	115.	39.8	115.0	39.4	70.	185.	15.9	185.0	2.8	.20 .01
348.3	175.8	207.2	30.	5.	63.9	5.0	-19.5	75.	185.	11.0	185.0	1.9	.20 .01
352.6	175.8	208.5	50.	5.	43.8	5.0	-9.5	70.	185.	16.1	185.0	2.9	.20 .01
355.0	175.8	209.1	60.	5.	33.8	5.0	-6.6	75.	185.	11.1	185.0	1.9	.20 .01
356.6	175.8	209.6	85.	5.				80.	185.	6.0	185.0	1.1	.20 .00
360.4	175.8	210.7	40.	5.	53.8	5.0	-13.3	75.	185.	11.1	185.0	2.0	.20 .01
365.9	175.8	212.2	70.	5.	23.6	5.0	-4.3	65.	185.	21.2	185.0	3.9	.20 .01
373.3	175.9	214.3	70.	5.	23.5	5.0	-4.3	70.	185.	16.3	185.0	2.9	.20 .01
377.3	175.9	215.4	60.	5.	33.5	5.0	-6.5	80.	185.	6.2	185.0	1.1	.20 .00
379.1	175.9	215.9	50.	5.	43.5	5.0	-9.3	70.	185.	16.4	185.0	2.9	.20 .01
386.4	175.9	218.0	50.	5.	43.4	5.0	-9.3	70.	185.	16.4	185.0	2.9	.20 .01
393.6	176.0	220.0	50.	5.	43.2	5.0	-9.3	70.	185.	16.6	185.0	3.0	.20 .01
397.4	176.0	221.1	70.	5.	23.1	5.0	-4.2	70.	185.	16.6	185.0	3.0	.20 .01
401.7	176.0	222.3	50.	5.	43.1	5.0	-9.2	70.	185.	16.7	185.0	3.0	.20 .01
405.6	176.0	223.4	80.	335.	10.8	335.0	-7.0	70.	185.	16.7	185.0	3.0	.20 .01
413.3	176.1	225.5	50.	305.	39.1	305.0	-37.4	80.	185.	6.7	185.0	1.2	.20 .00
419.0	176.1	227.1	50.	5.	42.8	5.0	-9.1	80.	185.	6.8	185.0	1.2	.20 .00
422.1	176.1	228.0	50.	5.	42.8	5.0	-9.1	80.	185.	6.8	185.0	1.2	.20 .00
423.9	176.1	228.5	70.	5.	22.7	5.0	-4.1	70.	185.	17.0	185.0	3.0	.20 .01
431.9	176.1	230.8	50.	185.	37.2	185.0	7.5	75.	185.	12.0	185.0	2.1	.20 .01
440.2	176.2	233.1	60.	5.	32.4	5.0	-6.3	70.	185.	17.3	185.0	3.1	.20 .01
443.7	176.2	234.1	60.	45.	33.7	45.0	18.5	70.	185.	17.3	185.0	3.1	.20 .01
447.4	176.2	235.1	30.	185.	57.5	185.0	15.3	75.	185.	12.3	185.0	2.2	.20 .01
454.1	176.3	237.0	50.	5.	42.2	5.0	-8.9	70.	185.	17.5	185.0	3.1	.20 .01
459.0	176.3	238.4	50.	5.	42.1	5.0	-8.9	60.	185.	27.7	185.0	5.2	.20 .02
464.5	176.3	239.9	40.	5.	52.1	5.0	-12.6	80.	185.	7.4	185.0	1.3	.20 .00
466.1	176.3	240.4	85.	5.				70.	185.	17.7	185.0	3.2	.20 .01

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* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H V
471.8	176.3	242.0	50.	25.	42.9	25.0	9.2	75.	185.	12.7	185.0	2.2	.20 .01
477.6	176.4	243.6	40.	65.	53.6	65.0	46.1	70.	185.	17.9	185.0	3.2	.20 .01
486.1	176.4	246.0	80.	5.	11.2	5.0	-2.0	70.	185.	18.0	185.0	3.2	.20 .01
494.6	176.4	248.4	70.	5.	21.4	5.0	-3.9	70.	185.	18.1	185.0	3.3	.20 .01
502.9	176.5	250.7	50.	185.	38.5	185.0	7.9	70.	185.	18.3	185.0	3.3	.20 .01
511.3	176.5	253.1	60.	5.	31.1	5.0	-6.0	60.	185.	28.5	185.0	5.4	.20 .02
518.7	176.6	255.2	65.	185.	23.7	185.0	4.3	50.	185.	38.7	185.0	7.9	.20 .03
519.0	176.6	255.3	70.	185.	18.6	185.0	3.3	50.	185.	38.7	185.0	7.9	.20 .03
519.5	176.6	255.4	55.	245.	31.7	245.0	-25.3	80.	185.	8.3	185.0	1.5	.20 .01
519.8	176.6	255.5	80.	5.	10.6	5.0	-1.9	65.	185.	23.7	185.0	4.4	.20 .02
520.1	176.6	255.6	70.	5.	20.9	5.0	-3.8	80.	185.	8.3	185.0	1.5	.20 .01
520.4	176.6	255.6	70.	325.	18.6	325.0	-14.4	70.	185.	18.6	185.0	3.3	.20 .01
520.8	176.6	255.8	50.	185.	38.8	185.0	7.9	70.	185.	18.6	185.0	3.4	.20 .01
525.3	176.6	257.0	80.	45.	12.7	45.0	6.4	75.	185.	13.6	185.0	2.4	.20 .01
534.0	176.6	259.5	30.	125.	62.4	125.0	60.9	60.	185.	28.9	185.0	5.5	.20 .02
543.1	176.7	262.0	55.	5.	35.6	5.0	-7.1	70.	185.	19.0	185.0	3.4	.20 .01
548.6	176.7	263.6						90.	185.				
554.7	176.7	265.3						90.	185.				
561.1	176.8	267.1						90.	185.				
564.4	176.8	268.0						70.	185.	19.8	185.0	3.6	.20 .01
564.7	176.8	268.1	60.	5.	30.2	5.0	-5.8	70.	185.	19.8	185.0	3.6	.20 .01
565.9	176.8	268.4	60.	5.	30.2	5.0	-5.8	80.	185.	9.5	185.0	1.7	.20 .01
566.9	176.8	268.7	75.	5.	14.7	5.0	-2.6	70.	185.	19.8	185.0	3.6	.20 .01
568.4	176.8	269.1	90.	0.				70.	185.	19.8	185.0	3.6	.20 .01
570.2	176.8	269.7	80.	0.	9.5	0.	-2.5	80.	185.	9.5	185.0	1.7	.20 .01
573.3	176.8	270.5	70.	0.	19.8	0.	-5.3	70.	185.	19.8	185.0	3.6	.20 .01
575.7	176.8	271.2	85.	5.				80.	185.	9.5	185.0	1.7	.20 .01
578.0	176.8	271.8	60.	0.	29.8	0.	-8.4	90.	185.				
578.4	176.8	272.0						70.	185.	19.8	185.0	3.6	.20 .01
578.9	176.8	272.1	60.	225.	27.7	225.0	-14.7	85.	185.				
579.4	176.8	272.2	80.	50.	12.1	50.0	7.0	80.	185.	9.5	185.0	1.7	.20 .01
581.1	176.8	272.7	70.	275.	16.8	275.0	-16.6	70.	185.	19.8	185.0	3.6	.20 .01
581.6	176.8	272.9	50.	0.	39.9	0.	-12.2	0.	185.	89.9	185.0	89.3	.00 .20
										89.9	185.0	89.3	.00 .20
583.3	176.9	273.3	70.	5.	19.8	5.0	-3.6	70.	185.	19.8	185.0	3.6	.20 .01
584.3	176.9	273.6	40.	5.	49.9	5.0	-11.7	60.	185.	29.9	185.0	5.7	.20 .02
585.8	176.9	274.0	40.	325.	48.0	325.0	-40.4	70.	185.	19.8	185.0	3.6	.20 .01
591.9	176.9	275.8	80.	185.	9.5	185.0	1.7	70.	185.	19.8	185.0	3.6	.20 .01
598.4	176.9	277.6	30.	5.	59.8	5.0	-16.6	70.	185.	19.8	185.0	3.6	.20 .01
601.0	176.9	278.3	40.	50.	52.0	50.0	36.3	60.	185.	29.9	185.0	5.7	.20 .02
610.8	177.0	281.1	50.	35.	41.1	35.0	16.6	65.	185.	24.8	185.0	4.6	.20 .02

****
* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
615.0	176.9	280.5						80.	185.	9.5	185.0	1.7	.20	.01
616.0	176.9	278.9	40.	185.	50.1	185.0	11.7	70.	185.	19.8	185.0	3.6	.20	.01
621.1	176.5	270.5	45.	230.	42.3	230.0	-27.6	60.	185.	29.8	185.0	5.7	.20	.02
623.3	176.4	266.9	70.	255.	16.5	255.0	-14.4	60.	185.	29.3	185.0	5.6	.20	.02
633.3	175.7	250.5	30.	215.	56.5	215.0	-27.3	60.	185.	28.0	185.0	5.3	.20	.02
655.9	174.3	213.4						60.	185.	24.9	185.0	4.6	.20	.02
663.8	173.7	200.5						60.	185.	23.9	185.0	4.4	.20	.02
670.5	173.3	189.5						60.	185.	23.3	185.0	4.3	.20	.01
671.4	173.2	188.0						60.	185.	23.2	185.0	4.3	.20	.01
678.7	172.8	176.0						50.	185.	32.9	185.0	6.4	.20	.02
686.7	172.2	162.9						60.	185.	22.6	185.0	4.1	.20	.01
694.3	172.3	163.8						40.	185.	42.8	185.0	9.1	.20	.03
701.0	172.7	175.3						60.	185.	22.8	185.0	4.2	.20	.01
708.9	173.2	188.7						50.	185.	33.2	185.0	6.5	.20	.02
713.2	173.5	196.1						50.	185.	33.6	185.0	6.6	.20	.02
713.5	173.5	196.6						50.	185.	33.6	185.0	6.6	.20	.02
718.4	173.8	204.9						60.	185.	24.1	185.0	4.4	.20	.02
719.6	173.9	207.0						60.	185.	24.3	185.0	4.5	.20	.02
728.0	174.5	221.3						55.	185.	30.4	185.0	5.8	.20	.02
731.9	174.7	228.0						60.	185.	25.9	185.0	4.8	.20	.02
739.7	175.2	241.3						60.	185.	27.1	185.0	5.1	.20	.02
741.8	175.4	244.9						70.	185.	17.3	185.0	3.1	.20	.01
746.6	175.7	253.0						50.	185.	38.2	185.0	7.8	.20	.03
750.7	176.0	260.0						45.	185.	43.8	185.0	9.5	.20	.03
756.5	176.3	269.9						70.	185.	19.7	185.0	3.6	.20	.01
763.8	176.8	282.4						60.	185.	30.3	185.0	5.8	.20	.02

***** PLOT NUMBER 3 FINISHED *****

```
 STOP ALL PLOTS FINISHED
SRU'S:46.6
!OFF
USAGE ON 03/06/78 AT 13:44:52
SRU'S:49.0      ELAPSED TIME: 00:00:18
```

```
**************************
*      DDH:  76X-21      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:   317033.0  NORTH: 22649311.0
                      ELEV:     1193.2


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
       1  T76X-21  01193.222649311 00317033 METERS
       2  R76X-21  00000          180.0 000.0 AT COLLAR
       3  R76X-21  00349          179.0 330.0
       4  R76X-21  01112          178.0 147.0
       5  R76X-21  01874          175.0 162.0
       6  R76X-21  06141          177.0 282.0
       7  R76X-21  06903          172.0 157.0
       8  R76X-21  07665          177.0 287.0
       9  L76X-21  00000 00034 01   #
      10  L76X-21  00034 00101 02 5BG
      11  L76X-21  00101 05128 03 5B0
      12  L76X-21  05128 05136 04 5B6
      13  L76X-21  05136 05140 05 4K1
      14  L76X-21  05140 05141 06 4K1
      15  L76X-21  05141 05184 07 4K1
      16  L76X-21  05184 05208 08 4A0
      17  L76X-21  05208 05215 09 5B6
      18  L76X-21  05215 05629 10 5B0
      19  L76X-21  05629 05634 11 4C0
      20  L76X-21  05634 05643 12 4E0
      21  L76X-21  05643 05653 13 4D0
      22  L76X-21  05653 05663 14 5B6
      23  L76X-21  05663 05666 15 4E0
      24  L76X-21  05666 05670 16 5B6
      25  L76X-21  05670 05688 17 4K0
      26  L76X-21  05688 05699 18 5B6
      27  L76X-21  05699 05713 19 4K0
      28  L76X-21  05713 05817 20 4C7
      29  L76X-21  05817 05826 21 4E0
      30  L76X-21  05826 05879 22 4A4
      31  L76X-21  05879 05895 23 4D0
      32  L76X-21  05895 05988 24 5B6
      33  L76X-21  05988 06009 25 5B6
      34  L76X-21  06009 06059 26 5B6
      35  L76X-21  06059 06093 27 5B6
      36  L76X-21  06093 06152 28 5B6
          1.....1.....2.....3.....4.....5.....6.....7.....8
                    0         0         0         0         0         0         0         0
```

****
* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L76X-21  06152 06181 29 5B6
   38 L76X-21  06182 06195 30 4A0
   39 L76X-21  06195 06227 31 4A4
   40 L76X-21  06227 06236 32 5B6
   41 L76X-21  06236 06244 33 4A0
   42 L76X-21  06244 06262 34 5B6
   43 L76X-21  06262 06510 35 5B6
   44 L76X-21  06510 06516 36 5A0
   45 L76X-21  06516 06525 37 5A9
   46 L76X-21  06525 06528 38 4E0
   47 L76X-21  06528 06539 39 5A0
   48 L76X-21  06539 06545 40 4E0
   49 L76X-21  06545 06554 41 5B6
   50 L76X-21  06554 06653 42 5A1
   51 L76X-21  06653 06678 43 3F0
   52 L76X-21  06678 06714 44 5A1
   53 L76X-21  06714 07133 45 0A1
   54 L76X-21  07133 07184 46 3F0
   55 L76X-21  07184 07280 47 0A1
   56 L76X-21  07280 07294 48 3F0
   57 L76X-21  07294 07319 49 0A1
   58 L76X-21  07319 07399 50 3D4
   59 L76X-21  07399 07418 51 0A1
   60 L76X-21  07418 07422 52 3D1
   61 L76X-21  07422 07466 53 0A1
   62 L76X-21  07466 07583 54 3F0
   63 L76X-21  07583 07591 55 0A1
   64 L76X-21  07591 07603 56 3D4
   65 L76X-21  07603 07620 57 0A1
   66 L76X-21  07620 07641 58 3F0
   67 L76X-21  07641 07647 59 0A1
   68 L76X-21  07647 07684 60 3D4
   69 L76X-21  07684 07749 61 0A1
   70 S76X-21          106 CS2 Z 60005 80185
   71 S76X-21          126 CS2 Z 70320 70185
   72 S76X-21          161 CS2 Z 60025 70185
   73 S76X-21          179 CS2 Z 70050 80185
   74 S76X-21          220 CS2 Z 50050 80185
   75 S76X-21          281 CS2 Z 60050 70185
   76 S76X-21          373 CS2 Z 80025 65185
   77 S76X-21          466 CS2 Z 05025 70185
   78 S76X-21          528 CS2 S 40245 75185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  79   S76X-21          592 CS2 Z 70030 85185
  80   S76X-21          649 CS2 Z 50015 65185
  81   S76X-21          684 CS2 Z 60005 70185
  82   S76X-21          701 CS2 Z 70330 70185
  83   S76X-21          763 CS2 Z 50325 85185
  84   S76X-21          818 CS2 Z 50345 70185
  85   S76X-21          850 CS2 Z 80005 70185
  86   S76X-21          868 CS2 Z 40005 70185
  87   S76X-21          923 CS2 Z 30005 80185
  88   S76X-21          937 CS2 Z 30005 70185
  89   S76X-21         1024 CS2 Z 65340 60185
  90   S76X-21         1065 CS2 Z 60005 80185
  91   S76X-21         1147 CS2 Z 85045 75185
  92   S76X-21         1164 CS2 Z 60035 80185
  93   S76X-21         1216 CS2 Z 60005 85185
  94   S76X-21         1333 CS2 S 40230 80185
  95   S76X-21         1395 CS2 Z 50005 70185
  96   S76X-21         1447 CS2 Z 60330 60185
  97   S76X-21         1530 CS2 Z 50055 65185
  98   S76X-21         1612 CS2 Z 80045 70185
  99   S76X-21         1685 CS2 Z 80035 65185
 100   S76X-21         1764 CS2 Z 80325 70185
 101   S76X-21         1813 CS2 Z 80005 65185
 102   S76X-21         1889 CS2 Z 60005 45185
 103   S76X-21         1956 CS2 Z 40005 85185
 104   S76X-21         2034 CS2 Z 50005 80185
 105   S76X-21         2144 CS2 Z 70005 75185
 106   S76X-21         2241 CS2 Z 20005 70185
 107   S76X-21         2264 CS2 Z 60185 80185
 108   S76X-21         2375 CS2 Z 50025 85185
 109   S76X-21         2392 CS2 Z 80005 70185
 110   S76X-21         2459 CS2 Z 80005 70185
 111   S76X-21         2481 CS2 Z 60025 70185
 112   S76X-21         2545 CS2 Z 80005 70185
 113   S76X-21         2590 CS2 Z 70005 60185
 114   S76X-21         2676 CS2 Z 80335 70185
 115   S76X-21         2721 CS2 Z 40345 80185
 116   S76X-21         2804 CS2 Z 70005 70185
 117   S76X-21         2840 CS2 Z 70005 65185
 118   S76X-21         2910 CS2 Z 85005 60185
 119   S76X-21         2938 CS2 Z 50015 70185
 120   S76X-21         3020 CS2 S 65185 70185
       1........1.........2.........3.........4.........5.........6.........7.........8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
         1         2         3         4         5         6         7         8
    1....0....+....0....+....0....+....0....+....0....+....0....+....0....+....0....
121  S76X-21        3124 CS2 S 70185 80185
122  S76X-21        3182 CS2 Z 60345 65185
123  S76X-21        3240 CS2 Z 70085 60185
124  S76X-21        3310 CS2 Z 70325 70185
125  S76X-21        3430 CS2 S 50115 70185
126  S76X-21        3483 CS2 Z 30005 75185
127  S76X-21        3526 CS2 Z 50005 70185
128  S76X-21        3550 CS2 Z 60005 75185
129  S76X-21        3566 CS2 Z 85005 80185
130  S76X-21        3604 CS2 Z 40005 75185
131  S76X-21        3659 CS2 Z 70005 65185
132  S76X-21        3733 CS2 Z 70005 70185
133  S76X-21        3773 CS2 Z 60005 80185
134  S76X-21        3791 CS2 Z 50005 70185
135  S76X-21        3864 CS2 Z 50005 70185
136  S76X-21        3936 CS2 Z 50005 70185
137  S76X-21        3974 CS2 Z 70005 70185
138  S76X-21        4017 CS2 Z 50005 70185
139  S76X-21        4056 CS2 Z 80335 70185
140  S76X-21        4133 CS2 Z 50305 80185
141  S76X-21        4190 CS2 Z 50005 80185
142  S76X-21        4221 CS2 Z 50005 80185
143  S76X-21        4239 CS2 Z 70005 70185
144  S76X-21        4319 CS2 S 50185 75185
145  S76X-21        4402 CS2 Z 60005 70185
146  S76X-21        4437 CS2 Z 60045 70185
147  S76X-21        4474 CS2 S 30185 75185
148  S76X-21        4541 CS2 Z 50005 70185
149  S76X-21        4590 CS2 Z 50005 60185
150  S76X-21        4645 CS2 Z 40005 80185
151  S76X-21        4661 CS2 Z 85005 70185
152  S76X-21        4718 CS2 Z 50025 75185
153  S76X-21        4776 CS2 Z 40065 70185
154  S76X-21        4861 CS2 Z 80005 70185
155  S76X-21        4946 CS2 Z 70005 70185
156  S76X-21        5029 CS2 S 50185 70185
157  S76X-21        5113 CS2 Z 60005 60185
158  S76X-21        5187 CS2 Z 65185 50185
159  S76X-21        5190 CS2 Z 70185 50185
160  S76X-21        5195 CS2 S 55245 80185
161  S76X-21        5198 CS2 Z 80005 65185
162  S76X-21        5201 CS2 Z 70005 80185
    1....0....+....0....+....0....+....0....+....0....+....0....+....0....+....0....
         1         2         3         4         5         6         7         8
```

****
* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S76X-21	5204	CS2	Z	70325	70185
164	S76X-21	5208	CS2	Z	50185	70185
165	S76X-21	5253	CS2	Z	80045	75185
166	S76X-21	5340	CS2	S	30125	60185
167	S76X-21	5431	CS2	Z	55005	70185
168	S76X-21	5486	S2			90185
169	S76X-21	5547	S2			90185
170	S76X-21	5611	S2			90185
171	S76X-21	5644	PS2			70185
172	S76X-21	5647	CS2	Z	60005	70185
173	S76X-21	5659	CS2	Z	60005	80185
174	S76X-21	5669	CS2	Z	75005	70185
175	S76X-21	5684	CS2	Z	90	70185
176	S76X-21	5702	RS1		80	80185
177	S76X-21	5733	RS1		70	70185
178	S76X-21	5757	CS2	Z	85005	80185
179	S76X-21	5780	CS2	Z	60	90185
180	S76X-21	5784	CS2	E		70185
181	S76X-21	5789	CS2	S	60225	85185
182	S76X-21	5794	CS2	Z	80050	80185
183	S76X-21	5811	CS2	Z	70275	70185
184	S76X-21	5816			50	185
185	S76X-21	5833	CS2	Z	70005	70185
186	S76X-21	5843	CS2	Z	40005	60185
187	S76X-21	5858	CS2	Z	40325	70185
188	S76X-21	5919	CS2	Z	80185	70185
189	S76X-21	5984	CS2	Z	30005	70185
190	S76X-21	6010	CS2	Z	40050	60185
191	S76X-21	6108	CS2	Z	50035	65185
192	S76X-21	6160	CS2	S	40185	70185
193	S76X-21	6211	CS2	S	45230	60185
194	S76X-21	6233	CS2		70255	60185
195	S76X-21	6333	CS2		30215	60185
196	S76X-21	6150	S2			80185
197	S76X-21	6559	S2			60185
198	S76X-21	6638	S2			60185
199	S76X-21	6705	S2			60185
200	S76X-21	6714	S2			60185
201	S76X-21	6787	S2			50185
202	S76X-21	6867	S2			60185
203	S76X-21	6943	S2			40185
204	S76X-21	7010	S2			60185

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* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

205	S76X-21	7089	S2	50185
206	S76X-21	7132	S2	50185
207	S76X-21	7135	S2	50185
208	S76X-21	7184	S2	60185
209	S76X-21	7196	S2	60185
210	S76X-21	7280	S2	55185
211	S76X-21	7319	S2	60185
212	S76X-21	7397	S2	60185
213	S76X-21	7418	S2	70185
214	S76X-21	7466	S2	50185
215	S76X-21	7507	S2	45185
216	S76X-21	7565	S2	70185
217	S76X-21	7638	S2	60185
218	P76X-21	30	79	005401
219	P76X-21	79	100	005402
220	P76X-21	100	161	005403
221	P76X-21	161	222	005404
222	P76X-21	222	283	005405
223	P76X-21	283	344	005406
224	P76X-21	344	405	005407
225	P76X-21	405	466	005408
226	P76X-21	466	527	005409
227	P76X-21	527	588	005410
228	P76X-21	588	649	005411
229	P76X-21	649	710	005412
230	P76X-21	710	771	005413
231	P76X-21	771	832	005414
232	P76X-21	832	893	005415
233	P76X-21	893	954	005416
234	P76X-21	954	1014	005417
235	P76X-21	1014	1075	005418
236	P76X-21	1075	1136	005419
237	P76X-21	1136	1197	005420
238	P76X-21	1197	1258	005421
239	P76X-21	1258	1319	005422
240	P76X-21	1319	1380	005423
241	P76X-21	1380	1441	005424
242	P76X-21	1441	1502	005425
243	P76X-21	1502	1563	005426
244	P76X-21	1563	1624	005427
245	P76X-21	1563	1685	005428
246	P76X-21	1685	1746	005429

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* DDH: 76X-21 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

247	P76X-21	1746	1807	005430
248	P76X-21	1807	1868	005431
249	P76X-21	1868	1929	005432
250	P76X-21	1929	1990	005433
251	P76X-21	1990	2051	005434
252	P76X-21	2051	2112	005435
253	P76X-21	2112	2173	005436
254	P76X-21	2173	2234	005437
255	P76X-21	2234	2295	005438
256	P76X-21	2295	2356	005439
257	P76X-21	2356	2417	005440
258	P76X-21	2417	2478	005441
259	P76X-21	2478	2538	005442
260	P76X-21	2538	2599	005443
261	P76X-21	2599	2660	005444
262	P76X-21	2660	2721	005445
263	P76X-21	2721	2782	005446
264	P76X-21	2782	2843	005447
265	P76X-21	2843	2904	005448
266	P76X-21	2904	2965	005449
267	P76X-21	2965	3026	005450
268	P76X-21	3026	3087	005451
269	P76X-21	3087	3148	005452
270	P76X-21	3148	3209	005453
271	P76X-21	3209	3270	005454
272	P76X-21	3270	3331	005455
273	P76X-21	3331	3392	005456
274	P76X-21	3392	3453	005457
275	P76X-21	3453	3514	005458
276	P76X-21	3514	3575	005459
277	P76X-21	3575	3636	005460
278	P76X-21	3636	3697	005461
279	P76X-21	3697	3758	005462
280	P76X-21	3758	3819	005463
281	P76X-21	3819	3880	005464
282	P76X-21	3880	3941	005465
283	P76X-21	3941	4002	005466
284	P76X-21	4002	4062	005467
285	P76X-21	4062	4123	005468
286	P76X-21	4123	4184	005469
287	P76X-21	4184	4245	005470
288	P76X-21	4245	4306	005471

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* DDH: 76X-21 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
289   P76X-21    4306  4367 005472
290   A76X-21  513.6515.1  05497 1.5    9.0 0.72 0.13   85 -.50.181.87 -.5-.5 -.5 -.5
291   A76X-21  515.1516.6  05498 1.5   10.0 1.00  -.1  100 -.50.190.03 -.5-.5 -.5 -.5
292   A76X-21  516.6517.6  05499 1.0    7.5 0.10  -.1   10 -.50.251.27 -.5-.5 -.5 -.5
293   A76X-21  517.6518.5  05500 0.9    6.5 0.09  -.1    9 -.50.240.12 -.5-.5 -.5 -.5
294   A76X-21  518.5520.0  05851 1.5    7.5 0.85 2.35  320 -.50.080.12 -.5-.5 -.5 -.5
295   A76X-21  520.0520.8  05852 0.8   17.4 1.43 1.85  328 -.50.110.15 -.5-.5 -.5 -.5
296   A76X-21  520.8521.2  05853 0.4    5.6 0.30 0.20   50 -.50.070.49 -.5-.5 -.5 -.5
297   A76X-21  563.0564.5  05473 1.5    2.8 0.12 0.04   16 -.50.160.29 -.5-.5 -.5 -.5
298   A76X-21  564.5565.5  05474 1.0   10.0 0.75 0.96  171 -.50.320.24 -.5-.5 -.5 -.5
299   A76X-21  565.5566.3  05475 0.8    1.9 0.04 0.07   11 -.50.041.04 -.5-.5 -.5 -.5
300   A76X-21  566.3566.6  05476 0.3    3.7 0.04 0.02    6 -.50.130.32 -.5-.5 -.5 -.5
301   A76X-21  566.6567.0  05477 0.4    0.3 0.02 0.02    4 -.50.030.82 -.5-.5 -.5 -.5
302   A76X-21  567.0568.9  05478 1.9    3.7 0.07 0.02    9 -.50.140.15 -.5-.5 -.5 -.5
303   A76X-21  568.9570.0  05479 1.1    0.3 0.02 0.02    4 -.50.020.82 -.5-.5 -.5 -.5
304   A76X-21  570.0571.4  05480 1.4    6.5 0.24 0.26   50 -.50.231.19 -.5-.5 -.5 -.5
305   A76X-21  571.4572.9  05481 1.5    3.7 0.05  -.1    5 -.50.330.29.01 -.5 -.5 -.5
306   A76X-21  572.9574.4  05482 1.5    0.9 0.03  -.1    3 -.50.040.53.005-.5 -.5 -.5
307   A76X-21  574.4575.9  05483 1.5    4.7 0.23 0.60   83 -.50.060.29.01 -.5 -.5 -.5
308   A76X-21  575.9577.4  05484 1.5    7.2 0.27 0.28   55 -.50.160.20.02 -.5 -.5 -.5
309   A76X-21  577.4579.0  05485 1.6    4.7 0.18 0.08   26 -.50.080.29.005-.5 -.5 -.5
310   A76X-21  579.0580.5  05486 1.5    1.9 0.12 0.33   45 -.50.050.34.01 -.5 -.5 -.5
311   A76X-21  580.5581.7  05487 1.2    1.9 0.05  -.1    5 -.50.110.50.01 -.5 -.5 -.5
312   A76X-21  581.7582.6  05488 0.9   62.2 3.63 6.92 1055 -.50.191.99.04 -.5 -.5 -.5
313   A76X-21  582.6584.2  05489 1.6   33.0 2.63 3.90  653 -.50.040.46.02 -.5 -.5 -.5
314   A76X-21  584.2585.7  05490 1.5   34.8 2.40 4.35  675 -.50.080.15.02 -.5 -.5 -.5
315   A76X-21  585.7587.2  05491 1.5   44.8 3.20 5.38  858 -.50.060.17.02 -.5 -.5 -.5
316   A76X-21  587.2588.0  05492 0.8   42.9 3.25 5.83  908 -.50.100.17.02 -.5 -.5 -.5
317   A76X-21  588.0589.5  05493 1.5   30.2 2.10 2.65  475 -.50.250.75.02 -.5 -.5 -.5
318   A76X-21  618.1619.6  05494 1.5   23.0 1.50 2.10  360 -.50.130.15.02 -.5 -.5 -.5
319   A76X-21  619.6621.1  05495 1.5   10.9 1.00 2.75  375 -.50.090.09.01 -.5 -.5 -.5
320   A76X-21  621.1622.8  05496 1.7   13.7 1.25 3.60  485 -.50.110.09.02 -.5 -.5 -.5
      1.....1.....2.....3.....4.....5.....6.....7.....8
               0     0     0     0     0     0     0     0
```

DDH: 76X-21 -- SUMMARY OF DATA INPUT

RECORDS READ = 320 RELEASED TO SORT 420
TYPE-L = 61
TYPE-P = 72
TYPE-R = 7
TYPE-S = 148
TYPE-X = 38
TYPE-A = 62
TYPE-V = 31 (GENERATED TO DEPTH: 760.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 774.9 METERS

****
* DDH: 76X-21 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317033.0 NORTH: 22649311.0
ELEV: 1193.2

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	34.90	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	0.	-	330.00	
BOREHOLE SECTION 2 --	DEPTH:	34.90	-	111.20	METERS
	ZENITH ANG:	179.00	-	178.00	
	AZIMUTH:	330.00	-	147.00	

HOLE ASSUMED VERTICAL AT DEPTH 61.00

BOREHOLE SECTION 3 --	DEPTH:	111.20	-	187.40	METERS
	ZENITH ANG:	178.00	-	175.00	
	AZIMUTH:	147.00	-	162.00	
BOREHOLE SECTION 4 --	DEPTH:	187.40	-	614.10	METERS
	ZENITH ANG:	175.00	-	177.00	
	AZIMUTH:	162.00	-	282.00	

HOLE ASSUMED VERTICAL AT DEPTH 456.49

BOREHOLE SECTION 5 --	DEPTH:	614.10	-	690.30	METERS
	ZENITH ANG:	177.00	-	172.00	
	AZIMUTH:	282.00	-	157.00	

HOLE ASSUMED VERTICAL AT DEPTH 634.45

BOREHOLE SECTION 6 --	DEPTH:	690.30	-	766.50	METERS
	ZENITH ANG:	172.00	-	177.00	
	AZIMUTH:	157.00	-	287.00	

HOLE ASSUMED VERTICAL AT DEPTH 745.35

BOREHOLE SECTION 7 --	DEPTH:	766.50	-	774.90	METERS
	ZENITH ANG:	177.00	-	177.00	
	AZIMUTH:	287.00	-	287.00	

FINISHED -- BOREHOLE LENGTH = 774.90 METERS
FILE SIZE = 421

****
* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.4	L	01 #									3.4	-.0	.0	179.9	357.1
5.5	P		5401	5.							5.5	-.0	.0	179.8	355.3
9.0	P		5402	2.							9.0	-.0	.0	179.7	352.3
10.1	L	02 5BG									10.1	-.0	.0	179.7	351.3
10.6	S				CS2	Z	60.	5.	80.	185.	10.6	-.0	.0	179.7	350.9
12.6	S				CS2	Z	70.	320.	70.	185.	12.6	-.0	.0	179.6	349.2
13.1	P		5403	6.							13.0	-.0	.0	179.6	348.8
16.1	S				CS2	Z	60.	25.	70.	185.	16.1	-.0	.1	179.5	346.2
17.9	S				CS2	Z	70.	50.	80.	185.	17.9	-.0	.1	179.5	344.6
19.2	P		5404	6.							19.1	-.0	.1	179.5	343.5
22.0	S				CS2	Z	50.	50.	80.	185.	22.0	-.0	.1	179.4	341.1
25.3	P		5405	6.							25.2	-.0	.2	179.3	338.3
28.1	S				CS2	Z	60.	50.	70.	185.	28.1	-.1	.2	179.2	335.8
31.4	P		5406	6.							31.3	-.1	.2	179.1	333.1
34.9	R										34.9	-.1	.3	179.0	330.0
37.3	S				CS2	Z	80.	25.	65.	185.	37.3	-.1	.3	179.0	335.6
37.5	P		5407	6.							37.4	-.1	.3	179.0	335.9
43.6	P		5408	6.							43.5	-.2	.4	178.9	350.1
46.6	S				CS2	Z	5.	25.	70.	185.	46.6	-.2	.4	178.8	357.1
49.7	P		5409	6.							49.6	-.2	.4	178.8	4.2
52.8	S				CS2	S	40.	245.	75.	185.	52.8	-.2	.5	178.8	11.5
55.8	P		5410	6.							55.7	-.2	.5	178.7	18.4
59.2	S				CS2	Z	70.	30.	85.	185.	59.2	-.2	.5	178.7	26.4
61.8	P		5411	6.							61.8	-.2	.5	178.6	32.5
64.9	S				CS2	Z	50.	15.	65.	185.	64.9	-.2	.5	178.6	39.6
68.0	P		5412	6.							67.9	-.2	.5	178.6	46.7
68.4	S				CS2	Z	60.	5.	70.	185.	68.4	-.2	.5	178.6	47.7
70.1	S				CS2	Z	70.	330.	70.	185.	70.1	-.2	.5	178.5	51.7
74.0	P		5413	6.							74.0	-.2	.4	178.5	60.8
76.3	S				CS2	Z	50.	325.	85.	185.	76.3	-.2	.4	178.5	66.0
80.2	P		5414	6.							80.1	-.1	.4	178.4	75.0
81.8	S				CS2	Z	50.	345.	70.	185.	81.8	-.1	.3	178.4	78.8
85.0	S				CS2	Z	80.	5.	70.	185.	85.0	-.1	.3	178.3	86.2
86.2	P		5415	6.							86.2	-.1	.3	178.3	89.1
86.8	S				CS2	Z	40.	5.	70.	185.	86.8	-.1	.3	178.3	90.4
92.3	S				CS2	Z	30.	5.	80.	185.	92.3	-.0	.2	178.2	103.2
92.3	P		5416	6.							92.3	-.0	.2	178.2	103.3

****
* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
93.7	S				CS2	Z	30.	5.	70.	185.	93.7	-.0	.2	178.2	106.4
98.4	P		5417	6.							98.4	.0	.1	178.2	117.3
102.4	S				CS2	Z	65.	340.	60.	185.	102.4	.1	-.0	178.1	126.6
104.5	P		5418	6.							104.4	.1	-.1	178.1	131.3
106.5	S				CS2	Z	60.	5.	80.	185.	106.5	.2	-.1	178.1	136.1
110.5	P		5419	6.							110.5	.2	-.2	178.0	145.5
111.2	R										111.2	.2	-.3	178.0	147.0
114.7	S				CS2	Z	85.	45.	75.	185.	114.7	.3	-.4	177.9	147.7
116.4	S				CS2	Z	60.	35.	80.	185.	116.4	.3	-.4	177.8	148.0
116.7	P		5420	6.							116.6	.4	-.4	177.8	148.1
121.6	S				CS2	Z	60.	5.	85.	185.	121.6	.5	-.6	177.6	149.0
122.7	P		5421	6.							122.7	.5	-.6	177.5	149.3
128.9	P		5422	6.							128.8	.6	-.9	177.3	150.5
133.3	S				CS2	S	40.	230.	80.	185.	133.3	.7	-1.1	177.1	151.4
135.0	P		5423	6.							134.9	.8	-1.1	177.1	151.7
139.5	S				CS2	Z	50.	5.	70.	185.	139.5	.9	-1.3	176.9	152.6
141.1	P		5424	6.							141.0	.9	-1.4	176.8	152.9
144.7	S				CS2	Z	60.	330.	60.	185.	144.7	1.0	-1.6	176.7	153.6
147.2	P		5425	6.							147.1	1.1	-1.7	176.6	154.1
153.0	S				CS2	Z	50.	55.	65.	185.	152.9	1.2	-2.1	176.4	155.2
153.3	P		5426	6.							153.2	1.2	-2.1	176.3	155.3
159.4	P		5427	6.							159.3	1.4	-2.4	176.1	156.5
161.2	S				CS2	Z	80.	45.	70.	185.	161.1	1.4	-2.6	176.0	156.8
162.4	P		5428	12.							162.3	1.5	-2.6	176.0	157.1
168.5	S				CS2	Z	80.	35.	65.	185.	168.4	1.6	-3.0	175.7	158.3
171.6	P		5429	6.							171.4	1.7	-3.3	175.6	158.9
176.4	S				CS2	Z	80.	325.	70.	185.	176.3	1.9	-3.6	175.4	159.8
177.7	P		5430	6.							177.5	1.9	-3.7	175.4	160.1
181.3	S				CS2	Z	80.	5.	65.	185.	181.2	2.0	-4.0	175.2	160.8
183.8	P		5431	6.							183.6	2.1	-4.2	175.1	161.3
187.4	R										187.2	2.2	-4.5	175.0	162.0
188.9	S				CS2	Z	60.	5.	45.	185.	188.7	2.2	-4.6	175.0	162.4
189.9	P		5432	6.							189.7	2.2	-4.7	175.0	162.7
195.6	S				CS2	Z	40.	5.	85.	185.	195.4	2.4	-5.1	175.0	164.3
196.0	P		5433	6.							195.8	2.4	-5.2	175.0	164.4
202.1	P		5434	6.							201.8	2.6	-5.7	175.1	166.1
203.4	S				CS2	Z	50.	5.	80.	185.	203.2	2.6	-5.8	175.1	166.5
208.2	P		5435	6.							207.9	2.7	-6.1	175.1	167.8

****
* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
214.3	P		5436	6.							214.0	2.9	-6.6	175.1	169.6
214.4	S				CS2	Z	70.	5.	75.	185.	214.1	2.9	-6.6	175.1	169.6
220.4	P		5437	6.							220.1	3.1	-7.0	175.2	171.3
224.1	S				CS2	Z	20.	5.	70.	185.	223.8	3.2	-7.3	175.2	172.3
226.4	S				CS2	Z	60.	185.	80.	185.	226.1	3.3	-7.4	175.2	173.0
226.5	P		5438	6.							226.2	3.3	-7.4	175.2	173.0
232.6	P		5439	6.							232.2	3.5	-7.8	175.2	174.7
237.5	S				CS2	Z	50.	25.	85.	185.	237.2	3.6	-8.2	175.2	176.1
238.7	P		5440	6.							238.3	3.6	-8.2	175.2	176.4
239.2	S				CS2	Z	80.	5.	70.	185.	238.9	3.7	-8.3	175.2	176.6
244.8	P		5441	6.							244.4	3.8	-8.6	175.3	178.1
245.9	S				CS2	Z	80.	5.	70.	185.	245.6	3.9	-8.7	175.3	178.5
248.1	S				CS2	Z	60.	25.	70.	185.	247.8	3.9	-8.8	175.3	179.1
250.8	P		5442	6.							250.4	4.0	-9.0	175.3	179.8
254.5	S				CS2	Z	80.	5.	70.	185.	254.1	4.1	-9.2	175.3	180.9
256.9	P		5443	6.							256.5	4.2	-9.3	175.3	181.5
259.0	S				CS2	Z	70.	5.	60.	185.	258.6	4.3	-9.5	175.3	182.1
263.0	P		5444	6.							262.6	4.4	-9.7	175.4	183.2
267.6	S				CS2	Z	80.	335.	70.	185.	267.2	4.5	-9.9	175.4	184.6
269.1	P		5445	6.							268.7	4.6	-10.0	175.4	185.0
272.1	S				CS2	Z	40.	345.	80.	185.	271.7	4.6	-10.2	175.4	185.8
275.2	P		5446	6.							274.7	4.7	-10.3	175.4	186.7
280.4	S				CS2	Z	70.	5.	70.	185.	280.0	4.9	-10.6	175.4	188.2
281.3	P		5447	6.							280.8	4.9	-10.6	175.4	188.4
284.0	S				CS2	Z	70.	5.	65.	185.	283.6	5.0	-10.8	175.5	189.2
287.4	P		5448	6.							286.9	5.1	-10.9	175.5	190.1
291.0	S				CS2	Z	85.	5.	60.	185.	290.6	5.2	-11.1	175.5	191.1
293.5	P		5449	6.							293.0	5.3	-11.2	175.5	191.8
293.8	S				CS2	Z	50.	15.	70.	185.	293.4	5.3	-11.2	175.5	191.9
299.6	P		5450	6.							299.1	5.4	-11.5	175.5	193.5
302.0	S				CS2	S	65.	185.	70.	185.	301.6	5.5	-11.6	175.5	194.2
305.7	P		5451	6.							305.2	5.6	-11.7	175.6	195.3
311.8	P		5452	6.							311.3	5.8	-12.0	175.6	197.0
312.4	S				CS2	S	70.	185.	80.	185.	311.9	5.8	-12.0	175.6	197.2
317.9	P		5453	6.							317.4	6.0	-12.2	175.6	198.7
318.2	S				CS2	Z	60.	345.	65.	185.	317.7	6.0	-12.2	175.6	198.8
324.0	P		5454	6.							323.5	6.1	-12.4	175.6	200.4
324.0	S				CS2	Z	70.	85.	60.	185.	323.5	6.1	-12.4	175.6	200.4
330.1	P		5455	6.							329.6	6.3	-12.6	175.7	202.1
331.0	S				CS2	Z	70.	325.	70.	185.	330.5	6.3	-12.6	175.7	202.4
336.2	P		5456	6.							335.7	6.4	-12.8	175.7	203.8
342.3	P		5457	6.							341.8	6.6	-13.0	175.7	205.5

****
* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
343.0	S				CS2	S	50.	115.	70.	185.	342.5	6.6	-13.0	175.7	205.8
348.3	S				CS2	Z	30.	5.	75.	185.	347.8	6.7	-13.1	175.8	207.2
348.4	P		5458	6.							347.9	6.7	-13.1	175.8	207.3
352.6	S				CS2	Z	50.	5.	70.	185.	352.1	6.8	-13.2	175.8	208.5
354.5	P		5459	6.							354.0	6.8	-13.3	175.8	209.0
355.0	S				CS2	Z	60.	5.	75.	185.	354.5	6.9	-13.3	175.8	209.1
356.6	S				CS2	Z	85.	5.	80.	185.	356.1	6.9	-13.3	175.8	209.6
360.4	S				CS2	Z	40.	5.	75.	185.	359.9	7.0	-13.4	175.8	210.7
360.6	P		5460	6.							360.1	7.0	-13.4	175.8	210.7
365.9	S				CS2	Z	70.	5.	65.	185.	365.4	7.1	-13.6	175.8	212.2
366.7	P		5461	6.							366.2	7.1	-13.6	175.8	212.4
372.8	P		5462	6.							372.3	7.2	-13.7	175.9	214.1
373.3	S				CS2	Z	70.	5.	70.	185.	372.8	7.2	-13.7	175.9	214.3
377.3	S				CS2	Z	60.	5.	80.	185.	376.8	7.3	-13.8	175.9	215.4
378.9	P		5463	6.							378.4	7.3	-13.8	175.9	215.8
379.1	S				CS2	Z	50.	5.	70.	185.	378.6	7.3	-13.8	175.9	215.9
385.0	P		5464	6.							384.5	7.4	-13.9	175.9	217.6
386.4	S				CS2	Z	50.	5.	70.	185.	385.9	7.5	-13.9	175.9	218.0
391.1	P		5465	6.							390.5	7.5	-14.0	176.0	219.3
393.6	S				CS2	Z	50.	5.	70.	185.	393.1	7.6	-14.0	176.0	220.0
397.2	P		5466	6.							396.6	7.6	-14.1	176.0	221.0
397.4	S				CS2	Z	70.	5.	70.	185.	396.9	7.6	-14.1	176.0	221.1
401.7	S				CS2	Z	50.	5.	70.	185.	401.2	7.7	-14.2	176.0	222.3
403.2	P		5467	6.							402.7	7.7	-14.2	176.0	222.7
405.6	S				CS2	Z	80.	335.	70.	185.	405.1	7.7	-14.2	176.0	223.4
409.3	P		5468	6.							408.7	7.8	-14.2	176.0	224.4
413.3	S				CS2	Z	50.	305.	80.	185.	412.8	7.8	-14.3	176.1	225.5
415.4	P		5469	6.							414.8	7.8	-14.3	176.1	226.1
419.0	S				CS2	Z	50.	5.	80.	185.	418.5	7.9	-14.3	176.1	227.1
421.5	P		5470	6.							420.9	7.9	-14.3	176.1	227.8
422.1	S				CS2	Z	50.	5.	80.	185.	421.6	7.9	-14.3	176.1	228.0
423.9	S				CS2	Z	70.	5.	70.	185.	423.4	7.9	-14.4	176.1	228.5
427.6	P		5471	6.							427.0	8.0	-14.4	176.1	229.5
431.9	S				CS2	S	50.	185.	75.	185.	431.4	8.0	-14.4	176.1	230.8
433.7	P		5472	6.							433.1	8.0	-14.4	176.2	231.3
440.2	S				CS2	Z	60.	5.	70.	185.	439.7	8.0	-14.4	176.2	233.1
443.7	S				CS2	Z	60.	45.	70.	185.	443.2	8.0	-14.4	176.2	234.1
447.4	S				CS2	S	30.	185.	75.	185.	446.9	8.1	-14.5	176.2	235.1
454.1	S				CS2	Z	50.	5.	70.	185.	453.6	8.1	-14.5	176.3	237.0
459.0	S				CS2	Z	50.	5.	60.	185.	458.5	8.1	-14.5	176.3	238.4
464.5	S				CS2	Z	40.	5.	80.	185.	464.0	8.1	-14.5	176.3	239.9
466.1	S				CS2	Z	85.	5.	70.	185.	465.6	8.1	-14.5	176.3	240.4

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* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------								
							S1		S2	TRUE			
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
471.8	S				CS2	Z	50. 25.	75. 185.	471.3	8.0	-14.4	176.3	242.0
477.6	S				CS2	Z	40. 65.	70. 185.	477.1	8.0	-14.4	176.4	243.6
486.1	S				CS2	Z	80. 5.	70. 185.	485.6	7.9	-14.4	176.4	246.0
494.6	S				CS2	Z	70. 5.	70. 185.	494.1	7.9	-14.3	176.4	248.4
502.9	S				CS2	S	50. 185.	70. 185.	502.4	7.8	-14.3	176.5	250.7
511.3	S				CS2	Z	60. 5.	60. 185.	510.8	7.6	-14.2	176.5	253.1
512.8	L	03 5B0							512.3	7.6	-14.2	176.5	253.5
513.6	L	04 5B6							513.1	7.6	-14.2	176.5	253.7
514.0	L	05 4K1							513.5	7.6	-14.2	176.5	253.8
514.1	L	06 4K1							513.6	7.6	-14.2	176.5	253.9
518.4	L	07 4K1							517.9	7.5	-14.2	176.6	255.1
518.7	S				CS2	Z	65. 185.	50. 185.	518.2	7.5	-14.2	176.6	255.2
519.0	S				CS2	Z	70. 185.	50. 185.	518.5	7.5	-14.2	176.6	255.3
519.5	S				CS2	S	55. 245.	80. 185.	519.0	7.5	-14.2	176.6	255.4
519.8	S				CS2	Z	80. 5.	65. 185.	519.3	7.5	-14.2	176.6	255.5
520.1	S				CS2	Z	70. 5.	80. 185.	519.6	7.5	-14.2	176.6	255.6
520.4	S				CS2	Z	70. 325.	70. 185.	519.9	7.5	-14.2	176.6	255.6
520.8	L	08 4A0							520.3	7.5	-14.1	176.6	255.8
520.8	S				CS2	Z	50. 185.	70. 185.	520.3	7.5	-14.1	176.6	255.8
521.5	L	09 5B6							521.0	7.5	-14.1	176.6	256.0
525.3	S				CS2	Z	80. 45.	75. 185.	524.8	7.4	-14.1	176.6	257.0
534.0	S				CS2	S	30. 125.	60. 185.	533.5	7.2	-14.0	176.6	259.5
543.1	S				CS2	Z	55. 5.	70. 185.	542.6	7.0	-13.9	176.7	262.0
548.6	S				S2			90. 185.	548.1	6.8	-13.9	176.7	263.6
554.7	S				S2			90. 185.	554.2	6.7	-13.8	176.7	265.3
561.1	S				S2			90. 185.	560.6	6.5	-13.7	176.8	267.1
562.9	L	10 5B0							562.4	6.4	-13.7	176.8	267.6
563.4	L	11 4C0							562.9	6.4	-13.7	176.8	267.7
564.3	L	12 4E0							563.8	6.4	-13.7	176.8	268.0
564.4	S				PS2			70. 185.	563.9	6.4	-13.7	176.8	268.0
564.7	S				CS2	Z	60. 5.	70. 185.	564.2	6.3	-13.7	176.8	268.1
565.3	L	13 4D0							564.8	6.3	-13.7	176.8	268.3
565.9	S				CS2	Z	60. 5.	80. 185.	565.4	6.3	-13.7	176.8	268.4
566.3	L	14 5B6							565.8	6.3	-13.7	176.8	268.6
566.6	L	15 4E0							566.1	6.3	-13.7	176.8	268.6
566.9	S				CS2	Z	75. 5.	70. 185.	566.4	6.3	-13.7	176.8	268.7
567.0	L	16 5B6							566.5	6.3	-13.7	176.8	268.8
568.4	S				CS2	Z	90. 0.	70. 185.	567.9	6.2	-13.7	176.8	269.1
568.8	L	17 4K0							568.3	6.2	-13.6	176.8	269.3
569.9	L	18 5B6							569.4	6.2	-13.6	176.8	269.6
570.2	S				RS1		80. 0.	80. 185.	569.7	6.2	-13.6	176.8	269.7
571.3	L	19 4K0							570.8	6.1	-13.6	176.8	270.0

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* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
573.3	S				RS1		70.	0.	70.	185.	572.8	6.0	-13.6	176.8	270.5
575.7	S				CS2	Z	85.	5.	80.	185.	575.2	6.0	-13.6	176.8	271.2
578.0	S				CS2	Z	60.	0.	90.	185.	577.5	5.9	-13.5	176.8	271.8
578.4	S				CS2	E			70.	185.	577.9	5.9	-13.5	176.8	272.0
578.9	S				CS2	S	60.	225.	85.	185.	578.4	5.8	-13.5	176.8	272.1
579.4	S				CS2	Z	80.	50.	80.	185.	578.9	5.8	-13.5	176.8	272.2
581.1	S				CS2	Z	70.	275.	70.	185.	580.6	5.8	-13.5	176.8	272.7
581.6	S						50.	0.		185.	581.1	5.7	-13.5	176.8	272.9
581.7	L	20 4C7									581.2	5.7	-13.5	176.8	272.9
582.6	L	21 4E0									582.1	5.7	-13.5	176.9	273.1
583.3	S				CS2	Z	70.	5.	70.	185.	582.8	5.7	-13.5	176.9	273.3
584.3	S				CS2	Z	40.	5.	60.	185.	583.8	5.6	-13.5	176.9	273.6
585.8	S				CS2	Z	40.	325.	70.	185.	585.3	5.6	-13.4	176.9	274.0
587.9	L	22 4A4									587.4	5.5	-13.4	176.9	274.6
589.5	L	23 4D0									*589.0	5.4	-13.4	176.9	275.1
591.9	S				CS2	Z	80.	185.	70.	185.	591.4	5.3	-13.4	176.9	275.8
598.4	S				CS2	Z	30.	5.	70.	185.	597.8	5.0	-13.3	176.9	277.6
598.8	L	24 5B6									598.2	5.0	-13.3	176.9	277.7
600.9	L	25 5B6									600.3	4.9	-13.3	176.9	278.3
601.0	S				CS2	Z	40.	50.	60.	185.	600.4	4.9	-13.3	176.9	278.3
605.9	L	26 5B6									605.3	4.7	-13.2	177.0	279.7
609.3	L	27 5B6									608.7	4.5	-13.2	177.0	280.7
610.8	S				CS2	Z	50.	35.	65.	185.	610.2	4.5	-13.2	177.0	281.1
614.1	R										613.5	4.3	-13.1	177.0	282.0
615.0	S				S2				80.	185.	614.4	4.3	-13.1	176.9	280.5
615.2	L	28 5B6									614.6	4.2	-13.1	176.9	280.2
616.0	S				CS2	S	40.	185.	70.	185.	615.4	4.2	-13.1	176.9	278.9
618.1	L	29 5B6									617.5	4.1	-13.1	176.7	275.4
619.5	L	30 4A0									618.9	4.1	-13.1	176.6	273.1
621.1	S				CS2	S	45.	230.	60.	185.	620.5	4.0	-13.1	176.5	270.5
622.7	L	31 4A4									622.1	3.9	-13.0	176.4	267.9
623.3	S				CS2		70.	255.	60.	185.	622.7	3.9	-13.0	176.4	266.9
623.6	L	32 5B6									623.0	3.9	-13.0	176.4	266.4
624.4	L	33 4A0									623.8	3.9	-13.0	176.3	265.1
626.2	L	34 5B6									625.6	3.9	-13.0	176.2	262.2
633.3	S				CS2		30.	215.	60.	185.	632.7	3.8	-13.0	175.7	250.5
651.0	L	35 5B6									650.4	4.0	-13.2	174.6	221.5
651.6	L	36 5A0									651.0	4.1	-13.2	174.5	220.5
652.5	L	37 5A9									651.9	4.1	-13.2	174.5	219.0
652.8	L	38 4E0									652.2	4.1	-13.2	174.5	218.5

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* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
653.9	L	39 5A0									653.3	4.1	-13.2	174.4	216.7
654.5	L	40 4E0									653.9	4.2	-13.3	174.3	215.7
655.4	L	41 5B6									654.8	4.2	-13.3	174.3	214.3
655.9	S				S2				60.	185.	655.3	4.2	-13.3	174.3	213.4
663.8	S				S2				60.	185.	663.2	4.6	-13.6	173.7	200.5
665.3	L	42 5A1									664.7	4.6	-13.7	173.6	198.0
667.8	L	43 3F0									667.2	4.8	-13.9	173.5	193.9
670.5	S				S2				60.	185.	669.9	4.9	-14.1	173.3	189.5
671.4	L	44 5A1									670.8	4.9	-14.1	173.2	188.0
671.4	S				S2				60.	185.	670.8	4.9	-14.1	173.2	188.0
678.7	S				S2				50.	185.	678.0	5.4	-14.7	172.8	176.0
686.7	S				S2				60.	185.	686.0	5.8	-15.6	172.2	162.9
690.3	R										689.5	6.0	-16.0	172.0	157.0
694.3	S				S2				40.	185.	693.5	6.2	-16.5	172.3	163.8
701.0	S				S2				60.	185.	700.2	6.6	-17.2	172.7	175.3
708.9	S				S2				50.	185.	708.0	7.0	-17.9	173.2	188.7
713.2	S				S2				50.	185.	712.3	7.3	-18.2	173.5	196.1
713.3	L	45 0A1									712.4	7.3	-18.2	173.5	196.2
713.5	S				S2				50.	185.	712.6	7.3	-18.2	173.5	196.6
718.4	L	46 3F0									717.5	7.5	-18.5	173.8	204.9
718.4	S				S2				60.	185.	717.5	7.5	-18.5	173.8	204.9
719.6	S				S2				60.	185.	718.7	7.6	-18.6	173.9	207.0
728.0	L	47 0A1									727.1	7.9	-18.9	174.5	221.3
728.0	S				S2				55.	185.	727.1	7.9	-18.9	174.5	221.3
729.4	L	48 3F0									728.5	7.9	-18.9	174.6	223.7
731.9	L	49 0A1									731.0	8.0	-19.0	174.7	228.0
731.9	S				S2				60.	185.	731.0	8.0	-19.0	174.7	228.0
739.7	S				S2				60.	185.	738.8	8.2	-19.1	175.2	241.3
739.9	L	50 3D4									739.0	8.2	-19.1	175.3	241.6
741.8	L	51 0A1									740.9	8.2	-19.1	175.4	244.9
741.8	S				S2				70.	185.	740.9	8.2	-19.1	175.4	244.9
742.2	L	52 3D1									741.3	8.2	-19.1	175.4	245.5
746.6	L	53 0A1									745.7	8.2	-19.1	175.7	253.0
746.6	S				S2				50.	185.	745.7	8.2	-19.1	175.7	253.0
750.7	S				S2				45.	185.	749.8	8.2	-19.1	176.0	260.0
756.5	S				S2				70.	185.	755.6	8.1	-19.1	176.3	269.9
758.3	L	54 3F0									757.4	8.0	-19.1	176.5	273.0
759.1	L	55 0A1									758.2	8.0	-19.1	176.5	274.4
760.3	L	56 3D4									759.4	8.0	-19.0	176.6	276.4
762.0	L	57 0A1									761.1	7.9	-19.0	176.7	279.3

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* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
763.8	S				S2				60.	185.	762.9	7.9	-19.0	176.8	282.4
764.1	L	58 3F0									763.2	7.8	-19.0	176.8	282.9
764.7	L	59 0A1									763.8	7.8	-19.0	176.9	283.9
766.5	R										765.6	7.7	-19.0	177.0	287.0
768.4	L	60 3D4									767.4	7.6	-18.9	177.0	287.0
774.9	L	61 0A1									773.9	7.3	-18.8	177.0	287.0
774.9	R										773.9	7.3	-18.8	177.0	287.0

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* DDH: 76X-21 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
					------ ASSAY DATA ------								
514.4	5497	1.5	9.0	.72	.13	.85	-.50	.18	1.87	-.500	-.50	-.50	-.500
515.9	5498	1.5	10.0	1.00	-.10	1.00	-.50	.19	.03	-.500	-.50	-.50	-.500
517.1	5499	1.0	7.5	.10	-.10	.10	-.50	.25	1.27	-.500	-.50	-.50	-.500
518.1	5500	.9	6.5	.09	-.10	.09	-.50	.24	.12	-.500	-.50	-.50	-.500
519.3	5851	1.5	7.5	.85	2.35	3.20	-.50	.08	.12	-.500	-.50	-.50	-.500
520.4	5852	.8	17.4	1.43	1.85	3.28	-.50	.11	.15	-.500	-.50	-.50	-.500
521.0	5853	.4	5.6	.30	.20	.50	-.50	.07	.49	-.500	-.50	-.50	-.500
563.8	5473	1.5	2.8	.12	.04	.16	-.50	.16	.29	-.500	-.50	-.50	-.500
565.0	5474	1.0	10.0	.75	.96	1.71	-.50	.32	.24	-.500	-.50	-.50	-.500
565.9	5475	.8	1.9	.04	.07	.11	-.50	.04	1.04	-.500	-.50	-.50	-.500
566.5	5476	.3	3.7	.04	.02	.06	-.50	.13	.32	-.500	-.50	-.50	-.500
566.8	5477	.4	.3	.02	.02	.04	-.50	.03	.82	-.500	-.50	-.50	-.500
568.0	5478	1.9	3.7	.07	.02	.09	-.50	.14	.15	-.500	-.50	-.50	-.500
569.5	5479	1.1	.3	.02	.02	.04	-.50	.02	.82	-.500	-.50	-.50	-.500
570.7	5480	1.4	6.5	.24	.26	.50	-.50	.23	1.19	-.500	-.50	-.50	-.500
572.1	5481	1.5	3.7	.05	-.10	.05	-.50	.33	.29	.010	-.50	-.50	-.500
573.6	5482	1.5	.9	.03	-.10	.03	-.50	.04	.53	.005	-.50	-.50	-.500
575.1	5483	1.5	4.7	.23	.60	.83	-.50	.06	.29	.010	-.50	-.50	-.500
576.6	5484	1.5	7.2	.27	.28	.55	-.50	.16	.20	.020	-.50	-.50	-.500
578.2	5485	1.6	4.7	.18	.08	.26	-.50	.08	.29	.005	-.50	-.50	-.500
579.8	5486	1.5	1.9	.12	.33	.45	-.50	.05	.34	.010	-.50	-.50	-.500
581.1	5487	1.2	1.9	.05	-.10	.05	-.50	.11	.50	.010	-.50	-.50	-.500
582.1	5488	.9	62.2	3.63	6.92	10.55	-.50	.19	1.99	.040	-.50	-.50	-.500
583.4	5489	1.6	33.0	2.63	3.90	6.53	-.50	.04	.46	.020	-.50	-.50	-.500
585.0	5490	1.5	34.8	2.40	4.35	6.75	-.50	.08	.15	.020	-.50	-.50	-.500
586.5	5491	1.5	44.8	3.20	5.38	8.58	-.50	.06	.17	.020	-.50	-.50	-.500
587.6	5492	.8	42.9	3.25	5.83	9.08	-.50	.10	.17	.020	-.50	-.50	-.500
588.8	5493	1.5	30.2	2.10	2.65	4.75	-.50	.25	.75	.020	-.50	-.50	-.500
618.9	5494	1.5	23.0	1.50	2.10	3.60	-.50	.13	.15	.020	-.50	-.50	-.500
620.4	5495	1.5	10.9	1.00	2.75	3.75	-.50	.09	.09	.010	-.50	-.50	-.500
622.0	5496	1.7	13.7	1.25	3.60	4.85	-.50	.11	.09	.020	-.50	-.50	-.500

FINISHED -- LENGTH = 774.90 METERS ENTRIES = 421

```
**************************
*      DDH:  77X02R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    317795.0  NORTH: 22650140.0
                      ELEV:     1184.0


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X02R  01184.022650140003177 95 METERS
     2   R77X02R      0        180.0    0.   PREDICTED
     3   R77X02R    113        176.6   42.7  PREDICTED
     4   R77X02R   1818        176.9   79.6  PREDICTED
     5   R77X02R   3647        176.6   79.6  PREDICTED
     6   R77X02R   5506        176.4  259.6  PREDICTED
     7   R77X02R   7244        178.5  259.6  PREDICTED
     8   R77X02R   7369        180.0    0.   PREDICTED
     9   L77X02R  00000 00073 01 #
    10   L77X02R  00073 00218 02 5B0
    11   L77X02R  00218 00252 03 5D3
    12   L77X02R  00252 00411 04 5B0
    13   L77X02R  00411 00442 05 5D3
    14   L77X02R  00442 00476 06 5C3
    15   L77X02R  00476 00582 07 5D3
    16   L77X02R  00582 00725 08 5C3
    17   L77X02R  00725 00798 09 5C0
    18   L77X02R  00798 00834 10 5C3
    19   L77X02R  00834 00941 11 5C0
    20   L77X02R  00941 01166 12 5C0
    21   L77X02R  01166 01211 13 5D3
    22   L77X02R  01211 01485 14 5B2
    23   L77X02R  01485 01529 15 5D3
    24   L77X02R  01529 01586 16 5B2
    25   L77X02R  01586 01594 17 5D3
    26   L77X02R  01594 01639 18 5B2
    27   L77X02R  01639 01659 19 5D3
    28   L77X02R  01659 02314 20 5B2
    29   L77X02R  02314 03942 21 5B0
    30   L77X02R  03942 03962 22 5D3
    31   L77X02R  03962 04065 23 5B2
    32   L77X02R  04065 04122 24 5D3
    33   L77X02R  04122 04301 25 5B8
    34   L77X02R  04301 05267 26 5B0
    35   L77X02R  05267 05277 27 5D3
    36   L77X02R  05277 05295 28 5B0
         1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

****
* DDH: 77X02R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L77X02R  05295 05424 29 5D3
   38 L77X02R  05424 05488 30 5B8
   39 L77X02R  05488 05677 31 5D3
   40 L77X02R  05677 05791 32 5B2
   41 L77X02R  05791 05821 33 5B2
   42 L77X02R  05821 05831 34 5D3
   43 L77X02R  05831 05899 35 5B2
   44 L77X02R  05899 06029 36 5B2
   45 L77X02R  06029 06165 37 5B2
   46 L77X02R  06165 06303 38 5D3
   47 L77X02R  06303 06337 39 5A2
   48 L77X02R  06337 06434 40 5B8
   49 L77X02R  06434 06468 41 5D3
   50 L77X02R  06468 06479 42 5B6
   51 L77X02R  06479 06504 43 0
   52 L77X02R  06504 06540 44 5A*
   53 L77X02R  06540 06581 45 3G0
   54 L77X02R  06581 06604 46 3D0
   55 L77X02R  06604 06631 47 0B0
   56 L77X02R  06631 06948 48 3D2
   57 L77X02R  06948 07013 49 0B0
   58 L77X02R  07013 07154 50 3D2
   59 L77X02R  07154 07245 51 0B0
   60 L77X02R  07245 07270 52 3D1
   61 L77X02R  07270 07341 53 0C0
   62 L77X02R  07341 07352 54 3D1
   63 L77X02R  07352 07369 55 0B0
   64 S77X02R        00078 CS2        85185
   65 S77X02R        00140 CS2        75185
   66 S77X02R        00200 CS2        82185
   67 S77X02R        00259 CS2        90185
   68 S77X02R        00322 CS2        77185
   69 S77X02R        00384 CS2        90185
   70 S77X02R        00445 CS2        87185
   71 S77X02R        00491 CS2        75185
   72 S77X02R        00499     E
   73 S77X02R        00552 CS2 Z      84185
   74 S77X02R        01212 CS2 S      80185
   75 S77X02R        01272 CS2        74185
   76 S77X02R        01331 CS2        76185
   77 S77X02R        01333     E
   78 S77X02R        01368 CS2 3 00185 77185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X02R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
     1....0....5....0....5....0....5....0....5....0....5....0....5....0....5....0.
 79  S77X02R     01422 CS2          80185
 80  S77X02R     01484 CS2          81185
 81  S77X02R     01536 CS2          75185
 82  S77X02R     01558      E
 83  S77X02R     01578 CS2          83185
 84  S77X02R     01582      3
 85  S77X02R     01633 CS2          77185
 86  S77X02R     01696 CS2    90185 68185
 87  S77X02R     01757 CS2          89185
 88  S77X02R     01817 CS2          71185
 89  S77X02R     01860 CS2          77185
 90  S77X02R     01877      E
 91  S77X02R     01922 CS2 Z        77185
 92  S77X02R     01987 CS2          78185
 93  S77X02R     02045 CS2          86185
 94  S77X02R     02111 CS2          83185
 95  S77X02R     02186 CS2 S        82185
 96  S77X02R     02245 CS2          85185
 97  S77X02R     02293 CS2          70185
 98  S77X02R     02356 CS2          69185
 99  S77X02R     02432 CS2          56185
100  S77X02R     02492 CS2          90185
101  S77X02R     02570 CS2 S        72185
102  S77X02R     02625 CS2          80185
103  S77X02R     02686 CS2          68185
104  S77X02R     02747 CS2          75185
105  S77X02R     02807 CS2          78185
106  S77X02R     02860 CS2          72185
107  S77X02R     02909 CS2          77185
108  S77X02R     02978 CS2 S        79185
109  S77X02R     03040 CS2          76185
110  S77X02R     03103 CS2          85185
111  S77X02R     03163 CS2          57185
112  S77X02R     03222 CS2          68185
113  S77X02R     03277 CS2 S        78185
114  S77X02R     03324 CS2          75185
115  S77X02R     03385 CS2          85185
116  S77X02R     03437 CS2          77185
117  S77X02R     03496 CS2          87185
118  S77X02R     03575 CS2 S        71185
119  S77X02R     03635 CS2          65185
120  S77X02R     03686 CS2          83185
     1....0....1....0....2....0....3....0....4....0....5....0....6....0....7....0....8
```

****
* DDH: 77X02R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S77X02R	03741	CS2		75185
122	S77X02R	03813	CS2		88185
123	S77X02R	03872	CS2		75185
124	S77X02R	03928	CS2		84185
125	S77X02R	03989	CS2		75185
126	S77X02R	04053	CS2		83185
127	S77X02R	04120	CS2		71185
128	S77X02R	04185	CS2		70185
129	S77X02R	04245	CS2		75185
130	S77X02R	04304	CS2		80185
131	S77X02R	04354	CS2		77185
132	S77X02R	04415	CS2		87185
133	S77X02R	04475	CS2		81185
134	S77X02R	04547	CS2		83185
135	S77X02R	04593	CS2		77185
136	S77X02R	04650	CS2	10005	84185
137	S77X02R	04715	CS2		75185
138	S77X02R	04772	CS2		78185
139	S77X02R	04833	CS2		79185
140	S77X02R	04897	CS2		85185
141	S77X02R	04964	CS2		85185
142	S77X02R	04987	E		
143	S77X02R	05029	CS2		75185
144	S77X02R	05090	CS2		70185
145	S77X02R	05157	CS2		81185
146	S77X02R	05231	CS2		78185
147	S77X02R	05291	CS2		85185
148	S77X02R	05332	CS2		65185
149	S77X02R	05400	CS2		65185
150	S77X02R	05443	CS2		74185
151	S77X02R	05508	CS2		68185
152	S77X02R	05558	CS2		70185
153	S77X02R	05619	CS2		63185
154	S77X02R	05629	3		
155	S77X02R	05686	CS2		83185
156	S77X02R	05758	CS2		75185
157	S77X02R	05768	E		
158	S77X02R	05818	CS2		84185
159	S77X02R	05840	3		
160	S77X02R	05880	CS2		80185
161	S77X02R	05930	CS2		83185
162	S77X02R	05992	CS2		66185

****
* DDH: 77X02R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   163 S77X02R        06059 CS2        62185
   164 S77X02R        06115 CS2        34185
   165 S77X02R        06169 CS2        77185
   166 S77X02R        06235 CS2        76185
   167 S77X02R        06302 CS2        68185
   168 S77X02R        06363 CS2        69185
   169 S77X02R        06420 CS2        85185
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0         0         0         0         0         0         0         0
```

DDH: 77X02R -- SUMMARY OF DATA INPUT

RECORDS READ = 169 RELEASED TO SORT 205
TYPE-L = 55
TYPE-P = 0
TYPE-R = 7
TYPE-S = 106
TYPE-X = 36
TYPE-A = 0
TYPE-V = 0 (GENERATED TO DEPTH: 720.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 736.9 METERS

****
* DDH: 77X02R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317795.0 NORTH: 22650140.0
ELEV: 1184.0

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	11.30	METERS
	ZENITH ANG:	180.00	-	176.60	
	AZIMUTH:	0.	-	42.70	
BOREHOLE SECTION 2 --	DEPTH:	11.30	-	181.80	METERS
	ZENITH ANG:	176.60	-	176.90	
	AZIMUTH:	42.70	-	79.60	
BOREHOLE SECTION 3 --	DEPTH:	181.80	-	364.70	METERS
	ZENITH ANG:	176.90	-	176.60	
	AZIMUTH:	79.60	-	79.60	
BOREHOLE SECTION 4 --	DEPTH:	364.70	-	550.60	METERS
	ZENITH ANG:	176.60	-	176.40	
	AZIMUTH:	79.60	-	259.60	

HOLE ASSUMED VERTICAL AT DEPTH 455.41

BOREHOLE SECTION 5 --	DEPTH:	550.60	-	724.40	METERS
	ZENITH ANG:	176.40	-	178.50	
	AZIMUTH:	259.60	-	259.60	
BOREHOLE SECTION 6 --	DEPTH:	724.40	-	736.90	METERS
	ZENITH ANG:	178.50	-	180.00	
	AZIMUTH:	259.60	-	0.	

HOLE ASSUMED VERTICAL AT DEPTH 736.70

FINISHED -- BOREHOLE LENGTH = 736.90 METERS
FILE SIZE = 205

****
* DDH: 77X02R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317795.0 METERS NORTH: 22650140.0 METERS ELEV: 1184.0 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
7.3	L	01 #									7.3	.0	.1	177.8	27.6
7.8	S				CS2				85.	185.	7.8	.1	.1	177.7	29.5
11.3	R										11.3	.2	.3	176.6	42.7
14.0	S				CS2				75.	185.	14.0	.3	.4	176.6	43.3
20.0	S				CS2				82.	185.	20.0	.5	.7	176.6	44.6
21.8	L	02 5B0									21.8	.6	.7	176.6	45.0
25.2	L	03 5D3									25.2	.7	.9	176.6	45.7
25.9	S				CS2				90.	185.	25.9	.8	.9	176.6	45.9
32.2	S				CS2				77.	185.	32.2	1.0	1.2	176.6	47.2
38.4	S				CS2				90.	185.	38.3	1.3	1.4	176.6	48.6
41.1	L	04 5B0									41.0	1.4	1.5	176.7	49.1
44.2	L	05 5D3									44.1	1.6	1.6	176.7	49.8
44.5	S				CS2				87.	185.	44.4	1.6	1.6	176.7	49.9
47.6	L	06 5C3									47.5	1.7	1.8	176.7	50.6
49.1	S				CS2				75.	185.	49.0	1.8	1.8	176.7	50.9
49.9	S					E					49.8	1.8	1.8	176.7	51.1
55.2	S				CS2	Z			84.	185.	55.1	2.1	2.0	176.7	52.2
58.2	L	07 5D3									58.1	2.2	2.1	176.7	52.9
72.5	L	08 5C3									72.4	2.9	2.6	176.7	55.9
79.8	L	09 5C0									79.7	3.2	2.8	176.7	57.5
83.4	L	10 5C3									83.3	3.4	3.0	176.7	58.3
94.1	L	11 5C0									94.0	3.9	3.3	176.7	60.6
116.6	L	12 5C0									116.4	5.0	3.8	176.8	65.5
121.1	L	13 5D3									120.9	5.3	3.9	176.8	66.5
121.2	S				CS2	S			80.	185.	121.0	5.3	3.9	176.8	66.5
127.2	S				CS2				74.	185.	127.0	5.6	4.1	176.8	67.8
133.1	S				CS2				76.	185.	132.9	5.9	4.2	176.8	69.1
133.3	S					E					133.1	5.9	4.2	176.8	69.1
136.8	S				CS2	3		185.	77.	185.	136.6	6.1	4.3	176.8	69.9
142.2	S				CS2				80.	185.	142.0	6.4	4.4	176.8	71.0
148.4	S				CS2				81.	185.	148.2	6.7	4.5	176.8	72.4
148.5	L	14 5B2									148.3	6.7	4.5	176.8	72.4
152.9	L	15 5D3									152.7	6.9	4.5	176.8	73.3
153.6	S				CS2				75.	185.	153.4	7.0	4.6	176.9	73.5
155.8	S					E					155.6	7.1	4.6	176.9	74.0
157.8	S				CS2				83.	185.	157.6	7.2	4.6	176.9	74.4
158.2	S					3					158.0	7.2	4.6	176.9	74.5

****
* DDH: 77X02R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317795.0 METERS NORTH: 22650140.0 METERS ELEV: 1184.0 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
158.6	L	16 5B2									158.4	7.2	4.6	176.9	74.6
159.4	L	17 5D3									159.2	7.3	4.6	176.9	74.8
163.3	S				CS2				77.	185.	163.0	7.5	4.7	176.9	75.6
163.9	L	18 5B2									163.6	7.5	4.7	176.9	75.7
165.9	L	19 5D3									165.6	7.6	4.7	176.9	76.2
169.6	S				CS2		90.	185.	68.	185.	169.3	7.8	4.8	176.9	77.0
175.7	S				CS2				89.	185.	175.4	8.1	4.9	176.9	78.3
181.7	S				CS2				71.	185.	181.4	8.5	4.9	176.9	79.6
181.8	R										181.5	8.5	4.9	176.9	79.6
186.0	S				CS2				77.	185.	185.7	8.7	5.0	176.9	79.6
187.7	S					E					187.4	8.8	5.0	176.9	79.6
192.2	S				CS2	Z			77.	185.	191.9	9.0	5.0	176.9	79.6
198.7	S				CS2				78.	185.	198.4	9.4	5.1	176.9	79.6
204.5	S				CS2				86.	185.	204.2	9.7	5.1	176.9	79.6
211.1	S				CS2				83.	185.	210.8	10.0	5.2	176.9	79.6
218.6	S				CS2	S			82.	185.	218.3	10.4	5.3	176.8	79.6
224.5	S				CS2				85.	185.	224.2	10.8	5.3	176.8	79.6
229.3	S				CS2				70.	185.	228.9	11.0	5.4	176.8	79.6
231.4	L	20 5B2									231.0	11.1	5.4	176.8	79.6
235.6	S				CS2				69.	185.	235.2	11.4	5.4	176.8	79.6
243.2	S				CS2				56.	185.	242.8	11.8	5.5	176.8	79.6
249.2	S				CS2				90.	185.	248.8	12.1	5.6	176.8	79.6
257.0	S				CS2	S			72.	185.	256.6	12.5	5.7	176.8	79.6
262.5	S				CS2				80.	185.	262.1	12.8	5.7	176.8	79.6
268.6	S				CS2				68.	185.	268.2	13.2	5.8	176.8	79.6
274.7	S				CS2				75.	185.	274.3	13.5	5.8	176.7	79.6
280.7	S				CS2				78.	185.	280.3	13.9	5.9	176.7	79.6
286.0	S				CS2				72.	185.	285.6	14.2	6.0	176.7	79.6
290.9	S				CS2				77.	185.	290.5	14.4	6.0	176.7	79.6
297.8	S				CS2	S			79.	185.	297.3	14.8	6.1	176.7	79.6
304.0	S				CS2				76.	185.	303.5	15.2	6.1	176.7	79.6
310.3	S				CS2				85.	185.	309.8	15.5	6.2	176.7	79.6
316.3	S				CS2				57.	185.	315.8	15.9	6.3	176.7	79.6
322.2	S				CS2				68.	185.	321.7	16.2	6.3	176.7	79.6
327.7	S				CS2	S			78.	185.	327.2	16.5	6.4	176.7	79.6
332.4	S				CS2				75.	185.	331.9	16.8	6.4	176.7	79.6
338.5	S				CS2				85.	185.	338.0	17.1	6.5	176.6	79.6
343.7	S				CS2				77.	185.	343.2	17.4	6.6	176.6	79.6
349.6	S				CS2				87.	185.	349.1	17.8	6.6	176.6	79.6
357.5	S				CS2	S			71.	185.	356.9	18.2	6.7	176.6	79.6

****
* DDH: 77X02R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317795.0 METERS NORTH: 22650140.0 METERS ELEV: 1184.0 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
363.5	S				CS2				65.	185.	362.9	18.6	6.8	176.6	79.6
364.7	R										364.1	18.7	6.8	176.6	79.6
368.6	S				CS2				83.	185.	368.0	18.9	6.8	176.6	83.4
374.1	S				CS2				75.	185.	373.5	19.2	6.9	176.6	88.7
381.3	S				CS2				88.	185.	380.7	19.5	6.9	176.6	95.7
387.2	S				CS2				75.	185.	386.6	19.8	7.0	176.6	101.4
392.8	S				CS2				84.	185.	392.2	20.0	7.0	176.6	106.8
394.2	L	21 5B0									393.6	20.1	7.1	176.6	108.2
396.2	L	22 5D3									395.6	20.2	7.1	176.6	110.1
398.9	S				CS2				75.	185.	398.3	20.3	7.1	176.6	112.7
405.3	S				CS2				83.	185.	404.7	20.5	7.1	176.6	118.9
406.5	L	23 5B2									405.9	20.5	7.1	176.6	120.1
412.0	S				CS2				71.	185.	411.4	20.7	7.2	176.5	125.4
412.2	L	24 5D3									411.6	20.7	7.2	176.5	125.6
418.5	S				CS2				70.	185.	417.9	20.9	7.2	176.5	131.7
424.5	S				CS2				75.	185.	423.9	21.0	7.2	176.5	137.5
430.1	L	25 5B8									429.5	21.1	7.2	176.5	142.9
430.4	S				CS2				80.	185.	429.8	21.1	7.2	176.5	143.2
435.4	S				CS2				77.	185.	434.8	21.2	7.3	176.5	148.1
441.5	S				CS2				87.	185.	440.9	21.3	7.3	176.5	154.0
447.5	S				CS2				81.	185.	446.9	21.3	7.3	176.5	159.8
454.7	S				CS2				83.	185.	454.1	21.3	7.3	176.5	166.7
459.3	S				CS2				77.	185.	458.7	21.3	7.3	176.5	171.2
465.0	S				CS2		10.	5.	84.	185.	464.4	21.3	7.3	176.5	176.7
471.5	S				CS2				75.	185.	470.9	21.2	7.3	176.5	183.0
477.2	S				CS2				78.	185.	476.6	21.2	7.2	176.5	188.5
483.3	S				CS2				79.	185.	482.7	21.1	7.2	176.5	194.4
489.7	S				CS2				85.	185.	489.1	21.0	7.2	176.5	200.6
496.4	S				CS2				85.	185.	495.8	20.8	7.2	176.5	207.1
498.7	S					E					498.1	20.7	7.2	176.5	209.3
502.9	S				CS2				75.	185.	502.3	20.6	7.1	176.5	213.4
509.0	S				CS2				70.	185.	508.4	20.4	7.1	176.4	219.3
515.7	S				CS2				81.	185.	515.1	20.2	7.1	176.4	225.8
523.1	S				CS2				78.	185.	522.4	19.9	7.0	176.4	233.0
526.7	L	26 5B0									526.0	19.7	7.0	176.4	236.5
527.7	L	27 5D3									527.0	19.7	7.0	176.4	237.4
529.1	S				CS2				85.	185.	528.4	19.6	7.0	176.4	238.8
529.5	L	28 5B0									528.8	19.6	7.0	176.4	239.2
533.2	S				CS2				65.	185.	532.5	19.4	6.9	176.4	242.8
540.0	S				CS2				65.	185.	539.3	19.1	6.9	176.4	249.3

****
* DDH: 77X02R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317795.0 METERS NORTH: 22650140.0 METERS ELEV: 1184.0 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
542.4	L	29 5D3									541.7	18.9	6.8	176.4	251.7
544.3	S				CS2				74.	185.	543.6	18.8	6.8	176.4	253.5
548.8	L	30 5B8									548.1	18.6	6.8	176.4	257.9
550.6	R										549.9	18.5	6.8	176.4	259.6
550.8	S				CS2				68.	185.	550.1	18.4	6.7	176.4	259.6
555.8	S				CS2				70.	185.	555.1	18.1	6.7	176.5	259.6
561.9	S				CS2				63.	185.	561.2	17.8	6.6	176.5	259.6
562.9	S					3					562.2	17.7	6.6	176.5	259.6
567.7	L	31 5D3									567.0	17.4	6.6	176.6	259.6
568.6	S				CS2				83.	185.	567.9	17.4	6.6	176.6	259.6
575.8	S				CS2				75.	185.	575.1	17.0	6.5	176.7	259.6
576.8	S					E					576.1	16.9	6.5	176.7	259.6
579.1	L	32 5B2									578.4	16.8	6.4	176.7	259.6
581.8	S				CS2				84.	185.	581.1	16.6	6.4	176.8	259.6
582.1	L	33 5B2									581.4	16.6	6.4	176.8	259.6
583.1	L	34 5D3									582.4	16.6	6.4	176.8	259.6
584.0	S					3					583.3	16.5	6.4	176.8	259.6
588.0	S				CS2				80.	185.	587.2	16.3	6.4	176.9	259.6
589.9	L	35 5B2									589.1	16.2	6.3	176.9	259.6
593.0	S				CS2				83.	185.	592.2	16.0	6.3	176.9	259.6
599.2	S				CS2				66.	185.	598.4	15.7	6.2	177.0	259.6
602.9	L	36 5B2									602.1	15.5	6.2	177.0	259.6
605.9	S				CS2				62.	185.	605.1	15.4	6.2	177.1	259.6
611.5	S				CS2				34.	185.	610.7	15.1	6.1	177.1	259.6
616.5	L	37 5B2									615.7	14.8	6.1	177.2	259.6
616.9	S				CS2				77.	185.	616.1	14.8	6.1	177.2	259.6
623.5	S				CS2				76.	185.	622.7	14.5	6.0	177.3	259.6
630.2	S				CS2				68.	185.	629.4	14.2	6.0	177.4	259.6
630.3	L	38 5D3									629.5	14.2	6.0	177.4	259.6
633.7	L	39 5A2									632.9	14.0	5.9	177.4	259.6
636.3	S				CS2				69.	185.	635.5	13.9	5.9	177.4	259.6
642.0	S				CS2				85.	185.	641.2	13.7	5.9	177.5	259.6
643.4	L	40 5B8									642.6	13.6	5.9	177.5	259.6
646.8	L	41 5D3									646.0	13.5	5.8	177.6	259.6
647.9	L	42 5B6									647.1	13.4	5.8	177.6	259.6
650.4	L	43 0									649.6	13.3	5.8	177.6	259.6
654.0	L	44 5A*									653.2	13.2	5.8	177.6	259.6
658.1	L	45 3G0									657.3	13.0	5.8	177.7	259.6
660.4	L	46 3D0									659.6	12.9	5.7	177.7	259.6
663.1	L	47 0B0									662.3	12.8	5.7	177.8	259.6

****
* DDH: 77X02R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317795.0 METERS NORTH: 22650140.0 METERS ELEV: 1184.0 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
694.8	L	48 3D2									693.9	11.7	5.5	178.1	259.6
701.3	L	49 0B0									700.4	11.5	5.5	178.2	259.6
715.4	L	50 3D2									714.5	11.1	5.4	178.4	259.6
724.4	R										723.5	10.9	5.4	178.5	259.6
724.5	L	51 0B0									723.6	10.8	5.4	178.5	260.4
727.0	L	52 3D1									726.1	10.8	5.3	178.8	280.5
734.1	L	53 0C0									733.2	10.7	5.3	179.7	337.5
735.2	L	54 3D1									734.3	10.7	5.3	179.8	346.3
736.9	L	55 0B0									736.0	10.7	5.3	180.0	360.0
736.9	R										736.0	10.7	5.3	180.0	360.0

FINISHED -- LENGTH = 736.90 METERS ENTRIES = 205

****
* DDH: 77-X-01 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 328

POINTS = 327 MAX DDH DEPTH = 750.0 METERS
MAX TRUE DEPTH = 745.5 METERS

EASTING: -26.3 - 5.6 METERS
NORTHING: -42.5 - 1.2 METERS

TYPE C DATA (CONTACTS) ----- 59
TYPE F DATA (PLANES) ------- 113
TYPE P DATA (SAMPLES) ------ 24
TYPE S DATA (SYMMETRY) ----- 23
TYPE X DATA (REF MARKERS) -- 37
TYPE A DATA (SAMPLE MARKERS) 48
TYPE V DATA (ASSAY VALUES)-- 24

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.7	01 #	16	500.2	16 5B0	31	601.0	31 4D0	46	629.7	46 5B6
2	7.8	02 0Q0	17	526.8	17 5D3	32	609.5	32 4D5	47	677.1	47 5B6
3	13.7	03 5C3	18	549.0	18 5B0	33	609.9	33 4K0	48	678.7	48 0C0
4	22.3	04 5C0	19	553.2	19 5D3	34	611.4	34 4D0	49	682.6	49 5A*
5	27.4	05 5D6	20	581.4	20 5B0	35	612.3	35 4K0	50	700.0	50 5D2
6	46.6	06 5B0	21	581.6	21 4C0	36	612.9	36 4G0	51	710.1	51 0C0
7	65.1	07 5D6	22	582.2	22 4E0	37	613.4	37 4K0	52	727.0	52 3D1
8	75.3	08 5B0	23	582.4	23 4J8	38	620.0	38 4D5	53	728.8	53 3D2
9	90.5	09 5D3	24	583.1	24 4E0	39	620.9	39 4G0	54	729.1	54 3D9
10	346.9	10 5D3	25	583.4	25 4G0	40	622.6	40 5B6	55	735.3	55 3D0
11	363.0	11 5B0	26	584.1	26 4E1	41	624.0	41 4B0	56	736.4	56 0C0
12	369.2	12 5D3	27	584.7	27 4A0	42	624.2	42 4H0	57	737.1	57 3D0
13	373.1	13 5B0	28	590.3	28 5B6	43	624.5	43 4E0	58	737.9	58 0C0
14	377.0	14 5D6	29	592.7	29 4C0	44	625.2	44 4G0	59	750.0	59 3D0
15	403.9	15 5B0	30	593.5	30 4A0	45	627.2	45 5B4			

```
PROGRAM COMMAND:  PLOTA,2000,015


                  **************************
                  *     DDH:  77-X-01      *     START PLOT NUMBER  1
                  **************************


                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

                        PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

                        X-AXIS PLOT LIMITS:    -.87 -    .03 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   750.0 METERS     J =   1 - 327

                        MAX PAPER WIDTH REQUIRED:   18.0 INCHES


                  *****  PLOT NUMBER  1 FINISHED  *****
```

```
PROGRAM COMMAND:  PLOTB,2000,015


                  **************************
                  *     DDH:  77-X-01      *     START PLOT NUMBER  2
                  **************************


                        PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

                        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

                        PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

                        X-AXIS PLOT LIMITS:    -.87 -    .03 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   750.0 METERS     J =   1 - 327

                        MAX PAPER WIDTH REQUIRED:   18.0 INCHES
```

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)		S2 PLANE (PLOTTED)			PLOT PARAMETERS	
			OBSERVED	CALCULATED	OBSERVED	CALCULATED			
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP	CA DIPD	DIP DIPD AP-DIP		H	V
8.2	179.2	13.7			39. 185.	51.8 185.0	-51.4	-.12	-.16
17.3	178.3	28.8			81. 185.	10.5 185.0	-10.4	-.20	-.04
23.8	177.9	35.8			74. 185.	17.8 185.0	-17.5	-.19	-.06
30.2	177.9	40.2			81. 185.	10.6 185.0	-10.5	-.20	-.04
36.0	177.8	44.2			81. 185.	10.6 185.0	-10.4	-.20	-.04
40.5	177.7	47.3			74. 185.	17.6 185.0	-17.4	-.19	-.06
48.4	177.6	52.8			73. 185.	18.5 185.0	-18.3	-.19	-.06
59.3	177.4	60.3			85. 185.				
64.1	177.4	63.7			80. 185.	11.1 185.0	-10.9	-.20	-.04
67.8	177.3	66.2			73. 185.	18.1 185.0	-17.9	-.19	-.06
71.1	177.3	68.5			81. 185.	9.9 185.0	-9.7	-.20	-.03
77.8	177.2	73.1			80. 185.	9.7 185.0	-9.6	-.20	-.03
83.4	177.1	77.0			79. 185.	10.7 185.0	-10.5	-.20	-.04
92.9	176.9	83.6			85. 185.				
99.7	176.8	88.3			87. 185.				
108.5	176.7	94.4			69. 185.	20.8 185.0	-20.5	-.19	-.07
116.4	176.6	99.9			76. 185.	13.6 185.0	-13.4	-.19	-.05
124.0	176.5	105.1			69. 185.	20.1 185.0	-19.8	-.19	-.07
130.0	176.4	109.3			82. 185.				
137.3	176.3	114.3			65. 185.	23.5 185.0	-23.2	-.18	-.08
144.5	176.2	119.3			70. 185.	18.1 185.0	-17.9	-.19	-.06
151.0	176.1	123.8			83. 185.	4.2 185.0	-4.2	-.20	-.01
154.8	176.1	126.4			73. 185.	14.6 185.0	-14.4	-.19	-.05
161.0	176.0	130.7			82. 185.	5.0 185.0	-4.9	-.20	-.02
167.4	175.9	135.1			58. 185.	29.2 185.0	-28.8	-.18	-.10
173.2	175.8	139.2			73. 185.	13.8 185.0	-13.6	-.19	-.05
179.1	175.7	143.2			64. 185.	22.6 185.0	-22.3	-.18	-.08
186.0	175.6	148.0			74. 185.	12.3 185.0	-12.1	-.20	-.04
192.0	175.5	152.2			84. 185.	1.7 185.0	-1.7	-.20	-.01
198.4	175.3	153.9			70. 185.	15.8 185.0	-15.6	-.19	-.05
204.0	175.2	154.8			85. 185.				
208.4	175.0	155.5			71. 185.	14.5 185.0	-14.3	-.19	-.05
213.5	174.9	156.4			74. 185.	11.3 185.0	-11.2	-.20	-.04
219.7	174.7	157.4			75. 185.	10.1 185.0	-10.0	-.20	-.03
227.0	174.5	158.7			76. 185.	8.9 185.0	-8.7	-.20	-.03
232.3	174.3	159.5			80. 185.	4.6 185.0	-4.5	-.20	-.02
237.8	174.2	160.5			83. 185.	1.3 185.0	-1.3	-.20	-.00
243.9	174.0	161.5			75. 185.	9.3 185.0	-9.2	-.20	-.03
250.1	173.8	162.5			84. 185.				
257.0	173.6	163.7			75. 185.	8.9 185.0	-8.7	-.20	-.03
266.3	173.3	165.2			85. 185.				

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
272.6	173.1	166.3						77.	185.	6.3	185.0	-6.2	-.20	-.02
279.0	172.9	167.3						80.	185.	3.0	185.0	-3.0	-.20	-.01
284.7	172.7	168.3						85.	185.					
290.9	172.5	169.3						70.	185.	12.7	185.0	-12.5	-.20	-.04
296.6	172.4	170.3						60.	185.	22.6	185.0	-22.3	-.19	-.08
303.5	172.2	171.4						80.	185.	2.2	185.0	-2.2	-.20	-.01
309.7	172.0	172.5						71.	185.	11.1	185.0	-10.9	-.20	-.04
315.5	171.8	173.4						83.	185.					
321.4	171.6	174.4						86.	185.					
327.0	171.5	175.4						70.	185.	11.6	185.0	-11.4	-.20	-.04
333.4	171.3	176.4						82.	185.					
339.2	171.1	177.4						87.	185.					
345.9	170.9	178.5						68.	185.	12.9	185.0	-12.7	-.20	-.04
352.1	170.9	179.8						75.	185.	5.9	185.0	-5.8	-.20	-.02
358.3	171.2	181.1						90.	185.					
362.8	171.4	182.1						78.	185.	3.4	185.0	-3.4	-.20	-.01
368.1	171.6	183.3						76.	185.	5.6	185.0	-5.5	-.20	-.02
374.3	171.8	184.7						76.	185.	5.8	185.0	-5.7	-.20	-.02
379.6	172.0	185.9						73.	185.	9.0	185.0	-8.9	-.20	-.03
385.9	172.3	187.3						67.	185.	15.3	185.0	-15.1	-.19	-.05
392.6	172.5	188.8						57.	185.	25.5	185.0	-25.2	-.18	-.09
400.4	172.8	190.5						76.	185.	6.8	185.0	-6.7	-.20	-.02
405.4	173.0	191.6						90.	185.					
411.9	173.3	193.1						77.	185.	6.3	185.0	-6.2	-.20	-.02
416.6	173.5	194.1						66.	185.	17.6	185.0	-17.3	-.19	-.06
421.7	173.7	195.3						73.	185.	10.8	185.0	-10.6	-.20	-.04
427.8	173.9	196.6						69.	185.	15.0	185.0	-14.8	-.19	-.05
434.0	174.2	198.0						75.	185.	9.3	185.0	-9.2	-.20	-.03
438.6	174.3	199.1						78.	185.	6.4	185.0	-6.3	-.20	-.02
445.5	174.6	200.6						80.	185.	4.7	185.0	-4.6	-.20	-.02
450.7	174.8	201.8						65.	185.	20.0	185.0	-19.7	-.19	-.07
456.0	175.0	202.9						76.	185.	9.2	185.0	-9.0	-.20	-.03
462.4	175.3	204.4						85.	185.					
468.6	175.5	205.7						82.	185.	3.6	185.0	-3.6	-.20	-.01
473.8	175.7	206.9						70.	185.	15.9	185.0	-15.7	-.19	-.05
479.3	175.9	208.1						72.	185.	14.2	185.0	-14.0	-.19	-.05
484.8	176.2	209.4						80.	185.	6.4	185.0	-6.3	-.20	-.02
490.0	176.4	210.5						70.	185.	16.7	185.0	-16.5	-.19	-.06
498.0	176.7	212.3						81.	185.	5.9	185.0	-5.9	-.20	-.02
504.6	176.7	214.5						75.	185.	12.0	185.0	-11.9	-.20	-.04
509.7	176.4	216.7						83.	185.	3.7	185.0	-3.6	-.20	-.01

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
514.7	176.2	218.8						63.	185.	23.8	185.0	-23.4	-.18	-.08
519.6	176.0	220.9						72.	185.	14.6	185.0	-14.4	-.19	-.05
525.5	175.8	223.4						80.	185.	6.4	185.0	-6.3	-.20	-.02
530.2	175.6	225.4						75.	185.	11.4	185.0	-11.2	-.20	-.04
536.9	175.3	228.3						77.	185.	9.2	185.0	-9.0	-.20	-.03
581.9	173.5	247.5						70.	185.	16.2	185.0	-15.9	-.19	-.05
584.2	173.4	248.4						50.	185.	36.7	185.0	-36.3	-.16	-.12
586.4	173.3	249.4						45.	185.	41.8	185.0	-41.3	-.15	-.13
592.9	173.0	252.2	25.	195.	61.1	195.0	-61.1	45.	185.	41.9	185.0	-41.5	-.15	-.13
595.8	172.9	253.4						65.	185.	21.5	185.0	-21.2	-.19	-.07
605.0	172.5	257.3						55.	185.	32.1	185.0	-31.7	-.17	-.11
612.7	172.2	260.6						55.	185.	32.3	185.0	-31.9	-.17	-.11
619.2	171.9	263.4						50.	185.	37.7	185.0	-37.3	-.16	-.12
620.0	171.9	263.7						45.	185.	42.8	185.0	-42.4	-.15	-.13
624.5	171.7	265.6						45.	185.	43.0	185.0	-42.6	-.15	-.14
627.8	171.6	267.0						50.	185.	38.1	185.0	-37.7	-.16	-.12
629.6	171.5	267.8						43.	185.	45.3	185.0	-44.9	-.14	-.14
635.5	171.2	270.3						65.	185.	22.8	185.0	-22.5	-.18	-.08
642.2	171.0	273.2						57.	185.	31.9	185.0	-31.5	-.17	-.10
655.9	170.5	279.1						33.	185.	57.2	185.0	-56.8	-.11	-.17
659.9	170.6	280.9						49.	185.	41.1	185.0	-40.6	-.15	-.13
671.2	170.7	285.9						50.	185.	40.9	185.0	-40.5	-.15	-.13
676.7	170.7	288.4						43.	185.	48.5	185.0	-48.1	-.13	-.15
683.7	170.8	291.5						68.	185.	22.9	185.0	-22.6	-.18	-.08
710.2	171.0	303.3						72.	185.	20.5	185.0	-20.2	-.19	-.07
716.3	171.1	306.1						62.	185.	31.7	185.0	-31.3	-.17	-.10
721.8	171.1	308.5						62.	185.	32.0	185.0	-31.6	-.17	-.10
727.6	171.2	311.1						58.	185.	36.5	185.0	-36.1	-.16	-.12
734.9	171.2	314.4						57.	185.	38.0	185.0	-37.6	-.16	-.12
741.0	171.3	317.1						59.	185.	36.2	185.0	-35.8	-.16	-.12
747.1	171.3	318.0						66.	185.	29.2	185.0	-28.8	-.18	-.10

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,2000,105

****
* DDH: 77-X-01 * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:2000. = 50.8 METERS/INCH

X-AXIS PLOT LIMITS: -.32 - .24 (INCHES)
Y-AXIS BOREHOLE LENGTH: 14.68 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 750.0 METERS J = 1 - 327

MAX PAPER WIDTH REQUIRED: 18.0 INCHES

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.2	179.2	13.7						39.	185.	51.8	185.0	12.4	.20	.04
17.3	178.3	28.8						81.	185.	10.5	185.0	1.8	.20	.01
23.8	177.9	35.8						74.	185.	17.8	185.0	3.2	.20	.01
30.2	177.9	40.2						81.	185.	10.6	185.0	1.9	.20	.01
36.0	177.8	44.2						81.	185.	10.6	185.0	1.9	.20	.01
40.5	177.7	47.3						74.	185.	17.6	185.0	3.2	.20	.01
48.4	177.6	52.8						73.	185.	18.5	185.0	3.3	.20	.01
59.3	177.4	60.3						85.	185.					
64.1	177.4	63.7						80.	185.	11.1	185.0	2.0	.20	.01
67.8	177.3	66.2						73.	185.	18.1	185.0	3.3	.20	.01
71.1	177.3	68.5						81.	185.	9.9	185.0	1.7	.20	.01
77.8	177.2	73.1						80.	185.	9.7	185.0	1.7	.20	.01
83.4	177.1	77.0						79.	185.	10.7	185.0	1.9	.20	.01
92.9	176.9	83.6						85.	185.					
99.7	176.8	88.3						87.	185.					
108.5	176.7	94.4						69.	185.	20.8	185.0	3.8	.20	.01
116.4	176.6	99.9						76.	185.	13.6	185.0	2.4	.20	.01
124.0	176.5	105.1						69.	185.	20.1	185.0	3.6	.20	.01
130.0	176.4	109.3						82.	185.					
137.3	176.3	114.3						65.	185.	23.5	185.0	4.3	.20	.02
144.5	176.2	119.3						70.	185.	18.1	185.0	3.3	.20	.01
151.0	176.1	123.8						83.	185.	4.2	185.0	.7	.20	.00
154.8	176.1	126.4						73.	185.	14.6	185.0	2.6	.20	.01
161.0	176.0	130.7						82.	185.	5.0	185.0	.9	.20	.00
167.4	175.9	135.1						58.	185.	29.2	185.0	5.5	.20	.02
173.2	175.8	139.2						73.	185.	13.8	185.0	2.4	.20	.01
179.1	175.7	143.2						64.	185.	22.6	185.0	4.1	.20	.01
186.0	175.6	148.0						74.	185.	12.3	185.0	2.2	.20	.01
192.0	175.5	152.2						84.	185.	1.7	185.0	.3	.20	.00
198.4	175.3	153.9						70.	185.	15.8	185.0	2.8	.20	.01
204.0	175.2	154.8						85.	185.					
208.4	175.0	155.5						71.	185.	14.5	185.0	2.6	.20	.01
213.5	174.9	156.4						74.	185.	11.3	185.0	2.0	.20	.01
219.7	174.7	157.4						75.	185.	10.1	185.0	1.8	.20	.01
227.0	174.5	158.7						76.	185.	8.9	185.0	1.6	.20	.01
232.3	174.3	159.5						80.	185.	4.6	185.0	.8	.20	.00
237.8	174.2	160.5						83.	185.	1.3	185.0	.2	.20	.00
243.9	174.0	161.5						75.	185.	9.3	185.0	1.6	.20	.01
250.1	173.8	162.5						84.	185.					
257.0	173.6	163.7						75.	185.	8.9	185.0	1.6	.20	.01
266.3	173.3	165.2						85.	185.					

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED	CALCULATED				OBSERVED	CALCULATED				H	V
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP		
272.6	173.1	166.3						77.	185.	6.3	185.0	1.1	.20	.00
279.0	172.9	167.3						80.	185.	3.0	185.0	.5	.20	.00
284.7	172.7	168.3						85.	185.					
290.9	172.5	169.3						70.	185.	12.7	185.0	2.2	.20	.01
296.6	172.4	170.3						60.	185.	22.6	185.0	4.1	.20	.01
303.5	172.2	171.4						80.	185.	2.2	185.0	.4	.20	.00
309.7	172.0	172.5						71.	185.	11.1	185.0	2.0	.20	.01
315.5	171.8	173.4						83.	185.					
321.4	171.6	174.4						86.	185.					
327.0	171.5	175.4						70.	185.	11.6	185.0	2.0	.20	.01
333.4	171.3	176.4						82.	185.					
339.2	171.1	177.4						87.	185.					
345.9	170.9	178.5						68.	185.	12.9	185.0	2.3	.20	.01
352.1	170.9	179.8						75.	185.	5.9	185.0	1.0	.20	.00
358.3	171.2	181.1						90.	185.					
362.8	171.4	182.1						78.	185.	3.4	185.0	.6	.20	.00
368.1	171.6	183.3						76.	185.	5.6	185.0	1.0	.20	.00
374.3	171.8	184.7						76.	185.	5.8	185.0	1.0	.20	.00
379.6	172.0	185.9						73.	185.	9.0	185.0	1.6	.20	.01
385.9	172.3	187.3						67.	185.	15.3	185.0	2.7	.20	.01
392.6	172.5	188.8						57.	185.	25.5	185.0	4.7	.20	.02
400.4	172.8	190.5						76.	185.	6.8	185.0	1.2	.20	.00
405.4	173.0	191.6						90.	185.					
411.9	173.3	193.1						77.	185.	6.3	185.0	1.1	.20	.00
416.6	173.5	194.1						66.	185.	17.6	185.0	3.1	.20	.01
421.7	173.7	195.3						73.	185.	10.8	185.0	1.9	.20	.01
427.8	173.9	196.6						69.	185.	15.0	185.0	2.7	.20	.01
434.0	174.2	198.0						75.	185.	9.3	185.0	1.6	.20	.01
438.6	174.3	199.1						78.	185.	6.4	185.0	1.1	.20	.00
445.5	174.6	200.6						80.	185.	4.7	185.0	.8	.20	.00
450.7	174.8	201.8						65.	185.	20.0	185.0	3.6	.20	.01
456.0	175.0	202.9						76.	185.	9.2	185.0	1.6	.20	.01
462.4	175.3	204.4						85.	185.					
468.6	175.5	205.7						82.	185.	3.6	185.0	.6	.20	.00
473.8	175.7	206.9						70.	185.	15.9	185.0	2.8	.20	.01
479.3	175.9	208.1						72.	185.	14.2	185.0	2.5	.20	.01
484.8	176.2	209.4						80.	185.	6.4	185.0	1.1	.20	.00
490.0	176.4	210.5						70.	185.	16.7	185.0	3.0	.20	.01
498.0	176.7	212.3						81.	185.	5.9	185.0	1.0	.20	.00
504.6	176.7	214.5						75.	185.	12.0	185.0	2.1	.20	.01
509.7	176.4	216.7						83.	185.	3.7	185.0	.6	.20	.00

****
* DDH: 77-X-01 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
514.7	176.2	218.8						63.	185.	23.8	185.0	4.4	.20	.02
519.6	176.0	220.9						72.	185.	14.6	185.0	2.6	.20	.01
525.5	175.8	223.4						80.	185.	6.4	185.0	1.1	.20	.00
530.2	175.6	225.4						75.	185.	11.4	185.0	2.0	.20	.01
536.9	175.3	228.3						77.	185.	9.2	185.0	1.6	.20	.01
581.9	173.5	247.5						70.	185.	16.2	185.0	2.9	.20	.01
584.2	173.4	248.4						50.	185.	36.7	185.0	7.4	.20	.03
586.4	173.3	249.4						45.	185.	41.8	185.0	8.8	.20	.03
592.9	173.0	252.2	25.	195.	61.1	195.0	-.0	45.	185.	41.9	185.0	8.9	.20	.03
595.8	172.9	253.4						65.	185.	21.5	185.0	3.9	.20	.01
605.0	172.5	257.3						55.	185.	32.1	185.0	6.2	.20	.02
612.7	172.2	260.6						55.	185.	32.3	185.0	6.3	.20	.02
619.2	171.9	263.4						50.	185.	37.7	185.0	7.6	.20	.03
620.0	171.9	263.7						45.	185.	42.8	185.0	9.1	.20	.03
624.5	171.7	265.6						45.	185.	43.0	185.0	9.2	.20	.03
627.8	171.6	267.0						50.	185.	38.1	185.0	7.8	.20	.03
629.6	171.5	267.8						43.	185.	45.3	185.0	10.0	.20	.03
635.5	171.2	270.3						65.	185.	22.8	185.0	4.2	.20	.01
642.2	171.0	273.2						57.	185.	31.9	185.0	6.2	.20	.02
655.9	170.5	279.1						33.	185.	57.2	185.0	15.1	.19	.05
659.9	170.6	280.9						49.	185.	41.1	185.0	8.6	.20	.03
671.2	170.7	285.9						50.	185.	40.9	185.0	8.6	.20	.03
676.7	170.7	288.4						43.	185.	48.5	185.0	11.1	.20	.04
683.7	170.8	291.5						68.	185.	22.9	185.0	4.2	.20	.01
710.2	171.0	303.3						72.	185.	20.5	185.0	3.7	.20	.01
716.3	171.1	306.1						62.	185.	31.7	185.0	6.1	.20	.02
721.8	171.1	308.5						62.	185.	32.0	185.0	6.2	.20	.02
727.6	171.2	311.1						58.	185.	36.5	185.0	7.3	.20	.03
734.9	171.2	314.4						57.	185.	38.0	185.0	7.7	.20	.03
741.0	171.3	317.1						59.	185.	36.2	185.0	7.3	.20	.03
747.1	171.3	318.0						66.	185.	29.2	185.0	5.5	.20	.02

***** PLOT NUMBER 3 FINISHED *****

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**************************
*      DDH:  77X01R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    317276.0  NORTH: 22649588.0
                      ELEV:      1186.4


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
       1  T77X01R  01186.42264958800317276 METERS
       2  R77X01R      0        180.0    0.  PREDICTED
       3  R77X01R    198        177.7  358.4 PREDICTED
       4  R77X01R   1932        176.2  137.4 PREDICTED
       5  R77X01R   3487        170.1  178.4 PREDICTED
       6  R77X01R   5011        174.7  222.7 PREDICTED
       7  R77X01R   6535        169.2  259.6 PREDICTED
       8  R77X01R   7430        171.4  311.4 PREDICTED
       9  R77X01R   7500        171.8  304.0 PREDICTED
      10  L77X01R  00000 00037 01   #
      11  L77X01R  00037 00078 02 0Q0
      12  L77X01R  00078 00137 03 5C3
      13  L77X01R  00137 00223 04 5C0
      14  L77X01R  00223 00274 05 5D6
      15  L77X01R  00274 00466 06 5B0
      16  L77X01R  00466 00651 07 5D6
      17  L77X01R  00651 00753 08 5B0
      18  L77X01R  00753 00905 09 5D3
      19  L77X01R  00905 03469 10 5D3
      20  L77X01R  03469 03630 11 5B0
      21  L77X01R  03630 03692 12 5D3
      22  L77X01R  03692 03731 13 5B0
      23  L77X01R  03731 03770 14 5D6
      24  L77X01R  03770 04039 15 5B0
      25  L77X01R  04039 05002 16 5B0
      26  L77X01R  05002 05268 17 5D3
      27  L77X01R  05268 05490 18 5B0
      28  L77X01R  05490 05532 19 5D3
      29  L77X01R  05532 05814 20 5B0
      30  L77X01R  05814 05816 21 4C0
      31  L77X01R  05816 05822 22 4E0
      32  L77X01R  05822 05824 23 4J8
      33  L77X01R  05824 05831 24 4E0
      34  L77X01R  05831 05834 25 4G0
      35  L77X01R  05834 05841 26 4E1
      36  L77X01R  05841 05847 27 4A0
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
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* DDH: 77X01R *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37  L77X01R  05847 05903 28 5B6
   38  L77X01R  05903 05927 29 4C0
   39  L77X01R  05927 05935 30 4A0
   40  L77X01R  05935 06010 31 4D0
   41  L77X01R  06010 06095 32 4D5
   42  L77X01R  06095 06099 33 4K0
   43  L77X01R  06099 06114 34 4D0
   44  L77X01R  06114 06123 35 4K0
   45  L77X01R  06123 06129 36 4G0
   46  L77X01R  06129 06134 37 4K0
   47  L77X01R  06134 06200 38 4D5
   48  L77X01R  06200 06209 39 4G0
   49  L77X01R  06209 06226 40 5B6
   50  L77X01R  06226 06240 41 4B0
   51  L77X01R  06240 06242 42 4H0
   52  L77X01R  06242 06245 43 4E0
   53  L77X01R  06245 06252 44 4G0
   54  L77X01R  06252 06272 45 5B4
   55  L77X01R  06272 06297 46 5B6
   56  L77X01R  06297 06771 47 5B6
   57  L77X01R  06771 06787 48 0C0
   58  L77X01R  06787 06826 49 5A*
   59  L77X01R  06826 07000 50 5D2
   60  L77X01R  07000 07101 51 0C0
   61  L77X01R  07101 07270 52 3D1
   62  L77X01R  07270 07288 53 3D2
   63  L77X01R  07288 07291 54 3D9
   64  L77X01R  07291 07353 55 3D0
   65  L77X01R  07353 07364 56 0C0
   66  L77X01R  07364 07371 57 3D0
   67  L77X01R  07371 07379 58 0C0
   68  L77X01R  07379 07500 59 3D0
   69  S77X01R        00082 CS2        39185
   70  S77X01R        00173 CS2        81185
   71  S77X01R        00238 CS2        74185
   72  S77X01R        00302 CS2 Z      81185
   73  S77X01R        00325     3
   74  S77X01R        00360 CS2 S      81185
   75  S77X01R        00405 CS2        74185
   76  S77X01R        00484 CS2        73185
   77  S77X01R        00593 CS2        85185
   78  S77X01R        00641 CS2        80185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X01R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  79   S77X01R        00678 CS2          73185
  80   S77X01R        00679     E
  81   S77X01R        00711 CS2 3        81185
  82   S77X01R        00778 CS2          80185
  83   S77X01R        00834 CS2          79185
  84   S77X01R        00929 CS2          85185
  85   S77X01R        00938     E
  86   S77X01R        00997 CS2          87185
  87   S77X01R        01024     3
  88   S77X01R        01085 CS2          69185
  89   S77X01R        01164 CS2          76185
  90   S77X01R        01240 CS2          69185
  91   S77X01R        01245     E
  92   S77X01R        01300 CS2          82185
  93   S77X01R        01373 CS2          65185
  94   S77X01R        01445 CS2          70185
  95   S77X01R        01510 CS2          83185
  96   S77X01R        01548 CS2          73185
  97   S77X01R        01610 CS2          82185
  98   S77X01R        01674 CS2          58185
  99   S77X01R        01732 CS2          73185
 100   S77X01R        01736     3
 101   S77X01R        01791 CS2          64185
 102   S77X01R        01860 CS2          74185
 103   S77X01R        01920 CS2          84185
 104   S77X01R        01984 CS2          70185
 105   S77X01R        02040 CS2          85185
 106   S77X01R        02084 CS2          71185
 107   S77X01R        02135 CS2          74185
 108   S77X01R        02197 CS2          75185
 109   S77X01R        02270 CS2          76185
 110   S77X01R        02323 CS2          80185
 111   S77X01R        02378 CS2          83185
 112   S77X01R        02439 CS2          75185
 113   S77X01R        02501 CS2          84185
 114   S77X01R        02514     E
 115   S77X01R        02570 CS2          75185
 116   S77X01R        02663 CS2          85185
 117   S77X01R        02693     3
 118   S77X01R        02726 CS2          77185
 119   S77X01R        02790 CS2          80185
 120   S77X01R        02847 CS2          85185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 77X01R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   121 S77X01R       02850     E
   122 S77X01R       02909 CS2         70185
   123 S77X01R       02953     3
   124 S77X01R       02966 CS2         60185
   125 S77X01R       03005     E
   126 S77X01R       03035 CS2         80185
   127 S77X01R       03097 CS2         71185
   128 S77X01R       03112     3
   129 S77X01R       03155 CS2         83185
   130 S77X01R       03214 CS2         86185
   131 S77X01R       03270 CS2         70185
   132 S77X01R       03334 CS2         82185
   133 S77X01R       03392 CS2         87185
   134 S77X01R       03459 CS2         68185
   135 S77X01R       03521 CS2         75185
   136 S77X01R       03583 CS2         90185
   137 S77X01R       03628 CS2         78185
   138 S77X01R       03631     E
   139 S77X01R       03681 CS2         76185
   140 S77X01R       03683     3
   141 S77X01R       03743 CS2         76185
   142 S77X01R       03796 CS2         73185
   143 S77X01R       03859 CS2         67185
   144 S77X01R       03926 CS2         57185
   145 S77X01R       04004 CS2         76185
   146 S77X01R       04054 CS2         90185
   147 S77X01R       04119 CS2         77185
   148 S77X01R       04166 CS2         66185
   149 S77X01R       04217 CS2         73185
   150 S77X01R       04278 CS2 S       69185
   151 S77X01R       04340 CS2         75185
   152 S77X01R       04386 CS2         78185
   153 S77X01R       04455 CS2 S       80185
   154 S77X01R       04507 CS2         65185
   155 S77X01R       04560 CS2         76185
   156 S77X01R       04624 CS2         85185
   157 S77X01R       04686 CS2         82185
   158 S77X01R       04738 CS2         70185
   159 S77X01R       04793 CS2         72185
   160 S77X01R       04848 CS2         80185
   161 S77X01R       04900 CS2         70185
   162 S77X01R       04980 CS2         81185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X01R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 S77X01R         05046 CS2          75185
  164 S77X01R         05097 CS2          83185
  165 S77X01R         05147 CS2          63185
  166 S77X01R         05196 CS2          72185
  167 S77X01R         05255 CS2          80185
  168 S77X01R         05302 CS2          75185
  169 S77X01R         05369 CS2 S        77185
  170 S77X01R         05819  S0          70185
  171 S77X01R         05842 CS2 S        50185
  172 S77X01R         05864 CS2 S        45185
  173 S77X01R         05929 CS2 S 25195  45185
  174 S77X01R         05958  S0          65185
  175 S77X01R         06050  S2          55185
  176 S77X01R         06127  S0          55185
  177 S77X01R         06192  S0          50185
  178 S77X01R         06200  S0          45185
  179 S77X01R         06245  S0          45185
  180 S77X01R         06278 PS2          50185
  181 S77X01R         06296 PS2          43185
  182 S77X01R         06355 PS2          65185
  183 S77X01R         06422 PS2          57185
  184 S77X01R         06559 PS2          33185
  185 S77X01R         06599 PS2          49185
  186 S77X01R         06712 PS2          50185
  187 S77X01R         06767 PS2          43185
  188 S77X01R         06837 PS2          68185
  189 S77X01R         07102 PS2          72185
  190 S77X01R         07163 PS2          62185
  191 S77X01R         07218 PS2          62185
  192 S77X01R         07276 PS2          58185
  193 S77X01R         07349 PS2          57185
  194 S77X01R         07410 PS2          59185
  195 S77X01R         07471 PS2          66185
  196 P77X01R  05814 05824 018010
  197 P77X01R  05824 05834 018020
  198 P77X01R  05834 05847 018030
  199 P77X01R  05902 05922 018040
  200 P77X01R  05922 05935 018050
  201 P77X01R  05935 05955 018060
  202 P77X01R  05955 05975 018070
  203 P77X01R  05975 05995 018080
  204 P77X01R  05995 06010 018090
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 77X01R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205  P77X01R  06010 06030 018100
  206  P77X01R  06030 06050 018110
  207  P77X01R  06050 06070 018120
  208  P77X01R  06070 06080 018130
  209  P77X01R  06080 06095 018140
  210  P77X01R  06095 06115 018150
  211  P77X01R  06115 06134 018160
  212  P77X01R  06134 06154 018170
  213  P77X01R  06154 06174 018180
  214  P77X01R  06174 06184 018190
  215  P77X01R  06184 06200 018200
  216  P77X01R  06200 06209 018210
  217  P77X01R  06209 06226 018220
  218  P77X01R  06226 06240 018230
  219  P77X01R  06240 06252 018240
  220  A77X01R  581.4582.4   1801 1.0   947 5.09  842 1351 -.50.27 021-.5 -.5 -.5 -
  221  A77X01R  582.4583.4   1802 1.0  1043 6.20 1067 1687 -.50.191730-.5 -.5 -.5 -
  222  A77X01R  583.4584.7   1803 1.3   590 3.77  564  941 -.50.12 570-.5 -.5 -.5 -
  223  A77X01R  590.2592.2   1804 2.0    07 0.24  037   61 -.50.11 021-.5 -.5 -.5 -
  224  A77X01R  592.2593.5   1805 1.3    65 1.33  049  182 -.50.04 050-.5 -.5 -.5 -
  225  A77X01R  593.5595.5   1806 2.0   288 1.72  398  570 -.50.08 021-.5 -.5 -.5 -
  226  A77X01R  595.5597.5   1807 2.0   151 1.12  119  231 -.50.20 005-.5 -.5 -.5 -
  227  A77X01R  597.5599.5   1808 2.0   175 1.09  182  291 -.50.33 005-.5 -.5 -.5 -
  228  A77X01R  599.5601.0   1809 1.5   288 1.72  357  529 -.50.27 016-.5 -.5 -.5 -
  229  A77X01R  601.0603.0   1810 2.0   336 2.00  351  551 -.50.19 012-.5 -.5 -.5 -
  230  A77X01R  603.0605.0   1811 2.0   158 0.78  213  291 -.50.15 005-.5 -.5 -.5 -
  231  A77X01R  605.0607.0   1812 2.0   291 1.59  257  416 -.50.15 005-.5 -.5 -.5 -
  232  A77X01R  607.0608.0   1813 1.0   501 3.07  436  743 -.50.20 015-.5 -.5 -.5 -
  233  A77X01R  608.0609.5   1814 1.5   394 2.53  451  704 -.50.19 026-.5 -.5 -.5 -
  234  A77X01R  609.5611.5   1815 2.0   641 2.29  334  563 -.50.22 026-.5 -.5 -.5 -
  235  A77X01R  611.5613.4   1816 1.9   285 1.10  252  362 -.50.021648-.5 -.5 -.5 -
  236  A77X01R  613.4615.4   1817 2.0   261 1.19  252  371 -.50.13 026-.5 -.5 -.5 -
  237  A77X01R  615.4617.4   1818 2.0   309 1.98  269  467 -.50.20 020-.5 -.5 -.5 -
  238  A77X01R  617.4618.4   1819 1.0   569 3.53  515  868 -.50.13 020-.5 -.5 -.5 -
  239  A77X01R  618.4620.0   1820 1.6   247 1.68  311  479 -.50.04 041-.5 -.5 -.5 -
  240  A77X01R  620.0620.9   1821 0.9   120 0.60  259  319 -.50.016286-.5 -.5 -.5 -
  241  A77X01R  620.9622.6   1822 1.7    -.1 0.09  048   57 -.50.01 255-.5 -.5 -.5 -
  242  A77X01R  622.6624.0   1823 1.4   309 1.79  273  452 -.50.04 170-.5 -.5 -.5 -
  243  A77X01R  624.0625.2   1824 1.2  1262 7.15 1121 1836 -.50.081648-.5 -.5 -.5 -
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

DDH: 77X01R -- SUMMARY OF DATA INPUT

RECORDS READ = 243 RELEASED TO SORT 328
TYPE-L = 59
TYPE-P = 24
TYPE-R = 8
TYPE-S = 127
TYPE-X = 37
TYPE-A = 48
TYPE-V = 24 (GENERATED TO DEPTH: 740.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 750.0 METERS

****
* DDH: 77X01R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317276.0 NORTH: 22649588.0
ELEV: 1186.4

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	19.80	METERS
	ZENITH ANG:	180.00	-	177.70	
	AZIMUTH:	0.	-	358.40	
BOREHOLE SECTION 2 --	DEPTH:	19.80	-	193.20	METERS
	ZENITH ANG:	177.70	-	176.20	
	AZIMUTH:	358.40	-	137.40	

HOLE ASSUMED VERTICAL AT DEPTH 86.00

BOREHOLE SECTION 3 --	DEPTH:	193.20	-	348.70	METERS
	ZENITH ANG:	176.20	-	170.10	
	AZIMUTH:	137.40	-	178.40	
BOREHOLE SECTION 4 --	DEPTH:	348.70	-	501.10	METERS
	ZENITH ANG:	170.10	-	174.70	
	AZIMUTH:	178.40	-	222.70	
BOREHOLE SECTION 5 --	DEPTH:	501.10	-	653.50	METERS
	ZENITH ANG:	174.70	-	169.20	
	AZIMUTH:	222.70	-	259.60	
BOREHOLE SECTION 6 --	DEPTH:	653.50	-	743.00	METERS
	ZENITH ANG:	169.20	-	171.40	
	AZIMUTH:	259.60	-	311.40	
BOREHOLE SECTION 7 --	DEPTH:	743.00	-	750.00	METERS
	ZENITH ANG:	171.40	-	171.80	
	AZIMUTH:	311.40	-	304.00	

FINISHED -- BOREHOLE LENGTH = 750.00 METERS
FILE SIZE = 328

****
* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	S1 SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.7	L	01 #									3.7	-.0	.0	179.6	359.7
7.8	L	02 0Q0									7.8	-.0	.1	179.1	359.4
8.2	S				CS2				39.	185.	8.2	-.0	.1	179.0	359.3
13.7	L	03 5C3									13.7	-.0	.2	178.4	358.9
17.3	S				CS2				81.	185.	17.3	-.0	.3	178.0	358.6
19.8	R										19.8	-.0	.4	177.7	358.4
22.3	L	04 5C0									22.3	-.0	.5	177.7	.4
23.8	S				CS2				74.	185.	23.8	-.0	.6	177.7	1.6
27.4	L	05 5D6									27.4	-.0	.7	177.6	4.5
30.2	S				CS2	Z			81.	185.	30.2	-.0	.8	177.6	6.7
32.5	S					3					32.5	-.0	.9	177.6	8.6
36.0	S				CS2	S			81.	185.	36.0	-.0	1.0	177.6	11.4
40.5	S				CS2				74.	185.	40.5	-.1	1.1	177.5	15.0
46.6	L	06 5B0									46.6	-.1	1.3	177.5	19.9
48.4	S				CS2				73.	185.	48.4	-.1	1.3	177.5	21.3
59.3	S				CS2				85.	185.	59.3	-.1	1.5	177.4	30.1
64.1	S				CS2				80.	185.	64.1	-.1	1.6	177.3	33.9
65.1	L	07 5D6									65.1	-.1	1.6	177.3	34.7
67.8	S				CS2				73.	185.	67.8	-.1	1.6	177.3	36.9
67.9	S					E					67.9	-.1	1.6	177.3	37.0
71.1	S				CS2	3			81.	185.	71.1	-.1	1.6	177.3	39.5
75.3	L	08 5B0									75.3	-.2	1.7	177.2	42.9
77.8	S				CS2				80.	185.	77.8	-.2	1.7	177.2	44.9
83.4	S				CS2				79.	185.	83.4	-.2	1.7	177.1	49.4
90.5	L	09 5D3									90.5	-.2	1.7	177.1	55.1
92.9	S				CS2				85.	185.	92.9	-.2	1.7	177.1	57.0
93.8	S					E					93.8	-.2	1.7	177.1	57.7
99.7	S				CS2				87.	185.	99.7	-.1	1.7	177.0	62.4
102.4	S					3					102.4	-.1	1.6	177.0	64.6
108.5	S				CS2				69.	185.	108.5	-.1	1.6	176.9	69.5
116.4	S				CS2				76.	185.	116.4	-.1	1.5	176.9	75.8
124.0	S				CS2				69.	185.	124.0	.0	1.3	176.8	81.9
124.5	S					E					124.5	.0	1.3	176.8	82.3
130.0	S				CS2				82.	185.	130.0	.1	1.2	176.7	86.7
137.3	S				CS2				65.	185.	137.3	.2	1.0	176.7	92.6
144.5	S				CS2				70.	185.	144.5	.3	.8	176.6	98.4
151.0	S				CS2				83.	185.	151.0	.4	.6	176.6	103.6

****
* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

					STRUCTURAL LOG							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
154.8	S				CS2			73. 185.	154.8	.5	.5	176.5	106.6
161.0	S				CS2			82. 185.	161.0	.7	.2	176.5	111.6
167.4	S				CS2			58. 185.	167.3	.8	-.0	176.4	116.7
173.2	S				CS2			73. 185.	173.1	1.0	-.3	176.4	121.4
173.6	S					3			173.5	1.0	-.3	176.4	121.7
179.1	S				CS2			64. 185.	179.0	1.2	-.5	176.3	126.1
186.0	S				CS2			74. 185.	185.9	1.5	-.8	176.3	131.6
192.0	S				CS2			84. 185.	191.9	1.7	-1.1	176.2	136.4
193.2	R								193.1	1.8	-1.2	176.2	137.4
198.4	S				CS2			70. 185.	198.3	2.0	-1.4	176.0	138.8
204.0	S				CS2			85. 185.	203.9	2.3	-1.7	175.8	140.2
208.4	S				CS2			71. 185.	208.3	2.5	-2.0	175.6	141.4
213.5	S				CS2			74. 185.	213.3	2.7	-2.3	175.4	142.8
219.7	S				CS2			75. 185.	219.5	3.0	-2.7	175.2	144.4
227.0	S				CS2			76. 185.	226.8	3.4	-3.2	174.9	146.3
232.3	S				CS2			80. 185.	232.1	3.7	-3.6	174.7	147.7
237.8	S				CS2			83. 185.	237.6	3.9	-4.1	174.5	149.2
243.9	S				CS2			75. 185.	243.6	4.2	-4.6	174.2	150.8
250.1	S				CS2			84. 185.	249.8	4.5	-5.2	174.0	152.4
251.4	S					E			251.1	4.6	-5.3	173.9	152.7
257.0	S				CS2			75. 185.	256.6	4.9	-5.8	173.7	154.2
266.3	S				CS2			85. 185.	265.9	5.3	-6.8	173.3	156.7
269.3	S					3			268.9	5.4	-7.1	173.2	157.5
272.6	S				CS2			77. 185.	272.1	5.6	-7.5	173.1	158.3
279.0	S				CS2			80. 185.	278.5	5.9	-8.2	172.8	160.0
284.7	S				CS2			85. 185.	284.2	6.1	-8.9	172.6	161.5
285.0	S					E			284.4	6.1	-8.9	172.6	161.6
290.9	S				CS2			70. 185.	290.3	6.4	-9.7	172.4	163.2
295.3	S					3			294.7	6.5	-10.2	172.2	164.3
296.6	S				CS2			60. 185.	295.9	6.6	-10.4	172.1	164.7
300.5	S					E			299.8	6.7	-10.9	172.0	165.7
303.5	S				CS2			80. 185.	302.8	6.8	-11.3	171.9	166.5
309.7	S				CS2			71. 185.	308.9	7.0	-12.2	171.6	168.1
311.2	S					3			310.4	7.0	-12.4	171.6	168.5
315.5	S				CS2			83. 185.	314.7	7.2	-13.0	171.4	169.6
321.4	S				CS2			86. 185.	320.5	7.3	-13.9	171.2	171.2
327.0	S				CS2			70. 185.	326.0	7.4	-14.8	171.0	172.7
333.4	S				CS2			82. 185.	332.3	7.6	-15.8	170.7	174.4
339.2	S				CS2			87. 185.	338.1	7.6	-16.7	170.5	175.9
345.9	S				CS2			68. 185.	344.7	7.7	-17.8	170.2	177.7

****
* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
346.9	L	10 5D3									345.6	7.7	-18.0	170.2	177.9
348.7	R										347.4	7.7	-18.3	170.1	178.4
352.1	S				CS2				75.	185.	350.8	7.7	-18.9	170.2	179.4
358.3	S				CS2				90.	185.	356.9	7.7	-20.0	170.4	181.2
362.8	S				CS2				78.	185.	361.3	7.7	-20.7	170.5	182.5
363.0	L	11 5B0									361.5	7.7	-20.7	170.5	182.6
363.1	S					E					361.6	7.7	-20.7	170.5	182.6
368.1	S				CS2				76.	185.	366.5	7.6	-21.6	170.7	184.0
368.3	S					3					366.7	7.6	-21.6	170.7	184.1
369.2	L	12 5D3									367.6	7.6	-21.7	170.7	184.4
373.1	L	13 5B0									371.5	7.6	-22.4	170.8	185.5
374.3	S				CS2				76.	185.	372.7	7.6	-22.6	170.9	185.8
377.0	L	14 5D6									375.3	7.5	-23.0	171.0	186.6
379.6	S				CS2				73.	185.	377.9	7.5	-23.4	171.0	187.4
385.9	S				CS2				67.	185.	384.1	7.3	-24.3	171.2	189.2
392.6	S				CS2				57.	185.	390.7	7.1	-25.3	171.4	191.2
400.4	S				CS2				76.	185.	398.5	6.9	-26.5	171.7	193.4
403.9	L	15 5B0									401.9	6.8	-26.9	171.8	194.4
405.4	S				CS2				90.	185.	403.4	6.7	-27.2	171.8	194.9
411.9	S				CS2				77.	185.	409.8	6.5	-28.0	172.0	196.8
416.6	S				CS2				66.	185.	414.5	6.3	-28.7	172.1	198.1
421.7	S				CS2				73.	185.	419.6	6.1	-29.3	172.3	199.6
427.8	S				CS2	S			69.	185.	425.6	5.8	-30.1	172.5	201.4
434.0	S				CS2				75.	185.	431.7	5.5	-30.8	172.7	203.2
438.6	S				CS2				78.	185.	436.3	5.2	-31.3	172.8	204.5
445.5	S				CS2	S			80.	185.	443.2	4.9	-32.1	173.0	206.5
450.7	S				CS2				65.	185.	448.3	4.6	-32.7	173.2	208.0
456.0	S				CS2				76.	185.	453.6	4.3	-33.2	173.3	209.6
462.4	S				CS2				85.	185.	459.9	3.9	-33.8	173.5	211.5
468.6	S				CS2				82.	185.	466.1	3.5	-34.4	173.7	213.3
473.8	S				CS2				70.	185.	471.3	3.2	-34.9	173.9	214.8
479.3	S				CS2				72.	185.	476.7	2.9	-35.3	174.0	216.4
484.8	S				CS2				80.	185.	482.2	2.6	-35.8	174.2	218.0
490.0	S				CS2				70.	185.	487.4	2.2	-36.2	174.4	219.5
498.0	S				CS2				81.	185.	495.4	1.7	-36.8	174.6	221.8
500.2	L	16 5B0									497.5	1.6	-36.9	174.7	222.4

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* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
501.1	R								498.4	1.5	-37.0	174.7	222.7
504.6	S				CS2			75. 185.	501.9	1.3	-37.2	174.6	223.5
509.7	S				CS2			83. 185.	507.0	1.0	-37.6	174.4	224.8
514.7	S				CS2			63. 185.	512.0	.6	-37.9	174.2	226.0
519.6	S				CS2			72. 185.	516.8	.2	-38.3	174.0	227.2
525.5	S				CS2			80. 185.	522.7	-.2	-38.7	173.8	228.6
526.8	L	17 5D3							524.0	-.3	-38.8	173.8	228.9
530.2	S				CS2			75. 185.	527.4	-.6	-39.0	173.6	229.7
536.9	S				CS2	S		77. 185.	534.0	-1.2	-39.5	173.4	231.4
549.0	L	18 5B0							546.1	-2.3	-40.4	173.0	234.3
553.2	L	19 5D3							550.2	-2.8	-40.7	172.8	235.3
581.4	L	20 5B0							578.2	-6.0	-42.6	171.8	242.1
581.6	L	21 4C0							578.4	-6.0	-42.6	171.8	242.2
581.9	P		18010	1.					578.7	-6.0	-42.7	171.8	242.3
581.9	S				S0			70. 185.	578.7	-6.0	-42.7	171.8	242.3
582.2	L	22 4E0							579.0	-6.1	-42.7	171.8	242.3
582.4	L	23 4J8							579.2	-6.1	-42.7	171.8	242.4
582.9	P		18020	1.					579.7	-6.2	-42.7	171.7	242.5
583.1	L	24 4E0							579.9	-6.2	-42.7	171.7	242.6
583.4	L	25 4G0							580.2	-6.2	-42.8	171.7	242.6
584.1	P		18030	1.					580.8	-6.3	-42.8	171.7	242.8
584.1	L	26 4E1							580.8	-6.3	-42.8	171.7	242.8
584.2	S				CS2	S		50. 185.	580.9	-6.3	-42.8	171.7	242.8
584.7	L	27 4A0							581.4	-6.4	-42.9	171.7	242.9
586.4	S				CS2	S		45. 185.	583.1	-6.6	-43.0	171.6	243.4
590.3	L	28 5B6							587.0	-7.1	-43.2	171.5	244.3
591.2	P		18040	2.					587.9	-7.3	-43.3	171.4	244.5
592.7	L	29 4C0							589.4	-7.5	-43.4	171.4	244.9
592.9	P		18050	1.					589.5	-7.5	-43.4	171.4	244.9
592.9	S				CS2	S	25. 195.	45. 185.	589.6	-7.5	-43.4	171.4	244.9
593.5	L	30 4A0							590.1	-7.6	-43.4	171.4	245.1
594.5	P		18060	2.					591.1	-7.7	-43.5	171.3	245.3
595.8	S				S0			65. 185.	592.4	-7.9	-43.6	171.3	245.6
596.5	P		18070	2.					593.1	-8.0	-43.6	171.3	245.8
598.5	P		18080	2.					595.1	-8.3	-43.7	171.2	246.3
600.3	P		18090	2.					596.8	-8.5	-43.8	171.1	246.7
601.0	L	31 4D0							597.6	-8.6	-43.9	171.1	246.9
602.0	P		18100	2.					598.5	-8.8	-43.9	171.1	247.1
604.0	P		18110	2.					600.5	-9.0	-44.1	171.0	247.6
605.0	S				S2			55. 185.	601.5	-9.2	-44.1	171.0	247.9

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* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
606.0	P		18120	2.					602.5	-9.3	-44.2	170.9	248.1
607.5	P		18130	1.					604.0	-9.6	-44.3	170.9	248.5
608.8	P		18140	2.					605.2	-9.7	-44.3	170.8	248.8
609.5	L	32 4D5							606.0	-9.9	-44.4	170.8	248.9
609.9	L	33 4K0							606.3	-9.9	-44.4	170.8	249.0
610.5	P		18150	2.					606.9	-10.0	-44.4	170.8	249.2
611.4	L	34 4D0							607.8	-10.1	-44.5	170.7	249.4
612.3	L	35 4K0							608.7	-10.3	-44.6	170.7	249.6
612.5	P		18160	2.					608.9	-10.3	-44.6	170.7	249.7
612.7	S				S0			55. 185.	609.1	-10.3	-44.6	170.7	249.7
612.9	L	36 4G0							609.3	-10.4	-44.6	170.7	249.8
613.4	L	37 4K0							609.8	-10.4	-44.6	170.6	249.9
614.4	P		18170	2.					610.8	-10.6	-44.7	170.6	250.1
616.4	P		18180	2.					612.8	-10.9	-44.8	170.5	250.6
617.9	P		18190	1.					614.2	-11.1	-44.9	170.5	251.0
619.2	P		18200	2.					615.5	-11.3	-44.9	170.4	251.3
619.2	S				S0			50. 185.	615.5	-11.3	-44.9	170.4	251.3
620.0	L	38 4D5							616.3	-11.5	-45.0	170.4	251.5
620.0	S				S0			45. 185.	616.3	-11.5	-45.0	170.4	251.5
620.5	P		18210	1.					616.8	-11.5	-45.0	170.4	251.6
620.9	L	39 4G0							617.2	-11.6	-45.0	170.4	251.7
621.7	P		18220	2.					618.0	-11.7	-45.1	170.3	251.9
622.6	L	40 5B6							618.9	-11.9	-45.1	170.3	252.1
623.3	P		18230	1.					619.6	-12.0	-45.1	170.3	252.3
624.0	L	41 4B0							620.3	-12.1	-45.2	170.3	252.5
624.2	L	42 4H0							620.4	-12.1	-45.2	170.3	252.5
624.5	L	43 4E0							620.7	-12.2	-45.2	170.2	252.6
624.5	S				S0			45. 185.	620.7	-12.2	-45.2	170.2	252.6
624.6	P		18240	1.					620.8	-12.2	-45.2	170.2	252.6
625.2	L	44 4G0							621.4	-12.3	-45.2	170.2	252.7
627.2	L	45 5B4							623.4	-12.6	-45.3	170.1	253.2
627.8	S				PS2			50. 185.	624.0	-12.7	-45.4	170.1	253.4
629.6	S				PS2			43. 185.	625.8	-13.0	-45.5	170.1	253.8
629.7	L	46 5B6							625.9	-13.0	-45.5	170.1	253.8
635.5	S				PS2			65. 185.	631.6	-14.0	-45.7	169.8	255.2
642.2	S				PS2			57. 185.	638.2	-15.2	-46.0	169.6	256.9

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* DDH: 77X01R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA	STRUCTURAL LOG S1 DIPD	STRUCTURAL LOG S2 CA	STRUCTURAL LOG S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
653.5	R										649.3	-17.2	-46.4	169.2	259.6
655.9	S				PS2				33.	185.	651.6	-17.6	-46.5	169.3	261.0
659.9	S				PS2				49.	185.	655.6	-18.4	-46.6	169.4	263.3
671.2	S				PS2				50.	185.	666.7	-20.4	-46.7	169.6	269.8
676.7	S				PS2				43.	185.	672.1	-21.4	-46.7	169.8	273.0
677.1	L	47 5B6									672.5	-21.5	-46.7	169.8	273.3
678.7	L	48 0C0									674.1	-21.8	-46.7	169.8	274.2
682.6	L	49 5A*									677.9	-22.5	-46.6	169.9	276.4
683.7	S				PS2				68.	185.	679.0	-22.6	-46.6	169.9	277.1
700.0	L	50 5D2									695.0	-25.4	-46.0	170.3	286.5
710.1	L	51 0C0									705.0	-27.0	-45.5	170.6	292.4
710.2	S				PS2				72.	185.	705.1	-27.0	-45.5	170.6	292.4
716.3	S				PS2				62.	185.	711.1	-27.9	-45.1	170.7	295.9
721.8	S				PS2				62.	185.	716.5	-28.6	-44.7	170.9	299.1
727.0	L	52 3D1									721.7	-29.4	-44.3	171.0	302.1
727.6	S				PS2				58.	185.	722.3	-29.4	-44.2	171.0	302.5
728.8	L	53 3D2									723.5	-29.6	-44.1	171.1	303.2
729.1	L	54 3D9									723.8	-29.6	-44.1	171.1	303.4
734.9	S				PS2				57.	185.	729.5	-30.4	-43.6	171.2	306.7
735.3	L	55 3D0									729.9	-30.4	-43.5	171.2	306.9
736.4	L	56 0C0									731.0	-30.5	-43.4	171.2	307.6
737.1	L	57 3D0									731.7	-30.6	-43.4	171.3	308.0
737.9	L	58 0C0									732.5	-30.7	-43.3	171.3	308.4
741.0	S				PS2				59.	185.	735.5	-31.1	-43.0	171.4	310.2
743.0	R										737.5	-31.3	-42.8	171.4	311.4
747.1	S				PS2				66.	185.	741.5	-31.8	-42.4	171.6	307.1
750.0	L	59 3D0									744.4	-32.1	-42.2	171.8	304.0
750.0	R										744.4	-32.1	-42.2	171.8	304.0

T7X01R

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* DDH: ~~76X21~~R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317276.0 METERS NORTH: 22649588.0 METERS ELEV: 1186.4 METERS

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
						------ ASSAY DATA ------							
514.4	5497	1.5	9.0	.72	.13	.85	-.50	.18	1.87	-.500	-.50	-.50	0.
515.9	5498	1.5	10.0	1.00	-.10	1.00	-.50	.19	.03	-.500	-.50	-.50	0.
517.1	5499	1.0	7.5	.10	-.10	.10	-.50	.25	1.27	-.500	-.50	-.50	0.
518.1	5500	.9	6.5	.09	-.10	.09	-.50	.24	.12	-.500	-.50	-.50	0.
519.3	5851	1.5	7.5	.85	2.35	3.20	-.50	.08	.12	-.500	-.50	-.50	0.
520.4	5852	.8	17.4	1.43	1.85	3.28	-.50	.11	.15	-.500	-.50	-.50	0.
521.0	5853	.4	5.6	.30	.20	.50	-.50	.07	.49	-.500	-.50	-.50	0.
563.8	5473	1.5	2.8	.12	.04	.16	-.50	.16	.29	-.500	-.50	-.50	0.
565.0	5474	1.0	10.0	.75	.96	1.71	-.50	.32	.24	-.500	-.50	-.50	0.
565.9	5475	.8	1.9	.04	.07	.11	-.50	.04	1.04	-.500	-.50	-.50	0.
566.5	5476	.3	3.7	.04	.02	.06	-.50	.13	.32	-.500	-.50	-.50	0.
566.8	5477	.4	.3	.02	.02	.04	-.50	.03	.82	-.500	-.50	-.50	0.
568.0	5478	1.9	3.7	.07	.02	.09	-.50	.14	.15	-.500	-.50	-.50	0.
569.5	5479	1.1	.3	.02	.02	.04	-.50	.02	.82	-.500	-.50	-.50	0.
570.7	5480	1.4	6.5	.24	.26	.50	-.50	.23	1.19	-.500	-.50	-.50	0.
572.1	5481	1.5	3.7	.05	-.10	.05	-.50	.33	.29	.010	-.50	-.50	0.
573.6	5482	1.5	.9	.03	-.10	.03	-.50	.04	.53	.005	-.50	-.50	0.
575.1	5483	1.5	4.7	.23	.60	.83	-.50	.06	.29	.010	-.50	-.50	0.
576.6	5484	1.5	7.2	.27	.28	.55	-.50	.16	.20	.020	-.50	-.50	0.
578.2	5485	1.6	4.7	.18	.08	.26	-.50	.08	.29	.005	-.50	-.50	0.
579.8	5486	1.5	1.9	.12	.33	.45	-.50	.05	.34	.010	-.50	-.50	0.
581.1	5487	1.2	1.9	.05	-.10	.05	-.50	.11	.50	.010	-.50	-.50	0.
582.1	5488	.9	62.2	3.63	6.92	10.55	-.50	.19	1.99	.040	-.50	-.50	0.
583.4	5489	1.6	33.0	2.63	3.90	6.53	-.50	.04	.46	.020	-.50	-.50	0.

FINISHED -- LENGTH = 750.00 METERS ENTRIES = 328

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* DDH: 77-X-03 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 319
POINTS = 318 MAX DDH DEPTH = 844.3 METERS
MAX TRUE DEPTH = 835.0 METERS
EASTING: -1.2 - 11.2 METERS
NORTHING: -16.1 - 31.3 METERS

TYPE C DATA (CONTACTS) ----- 76
TYPE F DATA (PLANES) ------- 135
TYPE P DATA (SAMPLES) ------ 24
TYPE S DATA (SYMMETRY) ----- 31
TYPE X DATA (REF MARKERS) -- 42

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	1.9	01 #	20	159.1	20 5D3	39	647.2	39 5B6	58	736.6	58 4E1
2	27.1	02 5D3	21	430.8	21 5B0	40	651.7	40 5B6	59	739.3	59 4C7
3	50.0	03 5B0	22	452.5	22 5D3	41	682.1	41 5A0	60	742.6	60 4D0
4	58.5	04 5D3	23	465.8	23 5B6	42	688.8	42 4C7	61	743.6	61 4A0
5	62.5	05 5B0	24	481.3	24 5B0	43	691.0	43 5B4	62	754.1	62 5B4
6	63.6	06 5D3	25	486.8	25 5D3	44	693.9	44 5B4	63	764.4	63 5D6
7	67.7	07 5B0	26	500.4	26 5B6	45	695.1	45 5B4	64	774.8	64 5B4
8	72.4	08 5D3	27	513.6	27 5B0	46	698.2	46 5B4	65	776.9	65 5B6
9	76.3	09 5C0	28	520.2	28 5D3	47	700.1	47 5B4	66	791.0	66 5D6
10	85.5	10 5C8	29	534.1	29 5B0	48	702.6	48 4E4	67	801.6	67 5B4
11	90.4	11 5C0	30	537.9	30 5B6	49	703.6	49 4G0	68	802.6	68 5B6
12	97.2	12 5D3	31	541.8	31 5G0	50	704.5	50 4E1	69	809.1	69 5D6
13	110.0	13 5C0	32	548.5	32 5B0	51	705.1	51 4G0	70	810.9	70 5D6
14	114.1	14 5D3	33	558.9	33 5B0	52	705.9	52 4E1	71	812.3	71 5A*
15	119.5	15 5B0	34	585.5	34 5B6	53	710.8	53 4D0	72	829.9	72 5A1
16	124.5	16 5D3	35	590.1	35 5B0	54	714.0	54 4D5	73	832.4	73 3D4
17	133.3	17 5B0	36	619.8	36 5B6	55	717.2	55 4E1	74	832.8	74 0C0
18	146.8	18 5D3	37	623.8	37 5B0	56	718.7	56 5B4	75	836.8	75 3D4
19	150.1	19 5C3	38	632.9	38 5B2	57	731.2	57 5B4	76	844.3	76 0B0

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*     DDH:  77-X-03      *    START PLOT NUMBER  1
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PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.60 - 1.27 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 844.3 METERS J = 1 - 318

***** PLOT NUMBER 1 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,015

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*     DDH:  77-X-03      *    START PLOT NUMBER  2
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.60 - 1.27 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 844.3 METERS J = 1 - 318

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.2	179.5	1.9						65.	185.	25.5	185.0	-25.2	-.18	-.09
15.2	179.1	3.5						79.	185.	11.0	185.0	-10.9	-.20	-.04
20.7	178.7	4.7						79.	185.	12.3	185.0	-12.1	-.20	-.04
33.5	178.0	7.6	77.	5.	11.0	5.0	10.8	76.	185.	16.0	185.0	-15.8	-.19	-.05
39.6	177.6	9.0						75.	185.	17.4	185.0	-17.1	-.19	-.06
45.4	177.2	10.3						80.	185.	12.8	185.0	-12.6	-.20	-.04
54.3	176.7	12.4						75.	185.	18.3	185.0	-18.0	-.19	-.06
59.7	176.4	13.6						78.	185.	15.5	185.0	-15.3	-.19	-.05
66.0	176.0	15.0						69.	185.	24.9	185.0	-24.6	-.18	-.08
66.1	176.0	15.1	60.	185.	33.9	185.0	-33.5	83.	185.	10.9	185.0	-10.7	-.20	-.04
70.4	175.7	16.0						79.	185.	15.2	185.0	-15.0	-.19	-.05
78.9	175.2	18.0						84.	185.	10.6	185.0	-10.4	-.20	-.04
87.8	174.6	20.0						60.	185.	35.2	185.0	-34.8	-.16	-.11
93.2	174.3	21.2						79.	185.	16.4	185.0	-16.1	-.19	-.06
100.0	173.9	22.8						69.	185.	26.7	185.0	-26.4	-.18	-.09
106.4	173.5	24.2						74.	185.	22.0	185.0	-21.7	-.19	-.07
111.6	173.2	25.4						80.	185.	16.1	185.0	-15.9	-.19	-.05
118.3	172.8	27.0						79.	185.	17.4	185.0	-17.1	-.19	-.06
125.3	172.4	28.6						76.	185.	20.6	185.0	-20.4	-.19	-.07
134.3	171.8	30.6						84.	185.	2.6	185.0	-2.5	-.20	-.01
										12.3	185.0	-12.1	-.20	-.04
136.6	171.7	31.1	66.	185.	31.2	185.0	-30.8	75.	185.	22.0	185.0	-21.7	-.19	-.07
141.4	171.4	32.2						66.	185.	31.4	185.0	-31.0	-.17	-.10
147.8	171.0	33.7						68.	185.	29.5	185.0	-29.1	-.17	-.10
153.8	170.6	35.0						68.	185.	29.7	185.0	-29.3	-.17	-.10
157.9	170.4	36.0						72.	185.	25.6	185.0	-25.2	-.18	-.09
161.4	170.2	36.8	86.	5.				76.	185.	21.4	185.0	-21.1	-.19	-.07
168.3	169.7	38.4						73.	185.	24.7	185.0	-24.4	-.18	-.08
170.7	169.6	38.9	79.	5.	.7	5.0	.7	78.	185.	19.2	185.0	-18.9	-.19	-.06
174.4	169.4	39.7	54.	185.	44.3	185.0	-43.9	68.	185.	29.9	185.0	-29.6	-.17	-.10
183.2	168.8	41.7						75.	185.	22.5	185.0	-22.2	-.19	-.08
190.5	168.6	47.2						64.	185.	33.4	185.0	-33.0	-.17	-.11
196.9	168.9	62.2						76.	185.	16.6	185.0	-16.3	-.19	-.06
209.7	169.6	92.2						65.	185.	23.4	185.0	-23.1	-.18	-.08
217.3	170.1	110.0						70.	185.	15.1	185.0	-14.8	-.19	-.05
224.0	170.4	125.7						77.	185.	5.2	185.0	-5.1	-.20	-.02
230.4	170.8	140.7						67.	185.	15.5	185.0	-15.3	-.19	-.05
235.3	171.0	152.2						70.	185.	11.8	185.0	-11.7	-.20	-.04
242.6	171.4	169.3						62.	185.	19.6	185.0	-19.4	-.19	-.07
249.3	171.8	185.0						74.	185.	7.8	185.0	-7.7	-.20	-.03
256.0	172.0	193.0						65.	185.	17.1	185.0	-16.8	-.19	-.06

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
261.8	172.1	193.0	77.	275.	9.3	275.0	-1.6	77.	185.	5.1	185.0	-5.1	-.20	-.02
269.4	172.2	193.0						83.	185.					
276.5	172.2	193.0	90.	0.				80.	185.	2.2	185.0	-2.2	-.20	-.01
282.9	172.3	193.0						85.	185.					
288.3	172.3	193.0	90.	0.				76.	185.	6.3	185.0	-6.2	-.20	-.02
292.9	172.4	193.0	90.	0.				78.	185.	4.4	185.0	-4.4	-.20	-.02
301.8	172.4	193.0	84.	95.				80.	185.	2.4	185.0	-2.4	-.20	-.01
307.9	172.5	193.0						82.	185.	.5	185.0	-.5	-.20	-.00
314.3	172.6	193.0						73.	185.	9.6	185.0	-9.5	-.20	-.03
320.4	172.6	193.0						74.	185.	8.6	185.0	-8.5	-.20	-.03
324.9	172.7	193.0						70.	185.	12.7	185.0	-12.6	-.20	-.04
334.7	172.7	193.0						73.	185.	9.7	185.0	-9.6	-.20	-.03
343.8	172.8	193.0						70.	185.	12.8	185.0	-12.7	-.20	-.04
352.0	172.9	193.0						75.	185.	7.9	185.0	-7.8	-.20	-.03
356.3	172.9	193.0	80.	5.	17.0	5.0	16.7	80.	185.	2.9	185.0	-2.9	-.20	-.01
362.0	173.0	193.0						60.	185.	23.1	185.0	-22.7	-.18	-.08
368.2	173.1	193.8						80.	185.	3.1	185.0	-3.1	-.20	-.01
374.8	173.1	194.7						65.	185.	18.2	185.0	-17.9	-.19	-.06
379.5	173.2	195.3						70.	185.	13.3	185.0	-13.1	-.19	-.05
385.1	173.2	196.1						80.	185.	3.2	185.0	-3.2	-.20	-.01
390.8	173.3	196.9						75.	185.	8.4	185.0	-8.3	-.20	-.03
396.3	173.3	197.6						70.	185.	13.4	185.0	-13.2	-.19	-.05
402.6	173.4	198.5						70.	185.	13.5	185.0	-13.3	-.19	-.05
408.8	173.4	199.3						70.	185.	13.5	185.0	-13.3	-.19	-.05
414.0	173.5	200.1						70.	185.	13.7	185.0	-13.5	-.19	-.05
419.7	173.5	200.8						70.	185.	13.7	185.0	-13.5	-.19	-.05
425.0	173.6	201.6						80.	185.	3.7	185.0	-3.6	-.20	-.01
430.7	173.6	202.3						60.	185.	23.8	185.0	-23.5	-.18	-.08
436.8	173.7	203.2						80.	185.	3.8	185.0	-3.8	-.20	-.01
442.9	173.7	204.0						70.	185.	13.9	185.0	-13.7	-.19	-.05
449.0	173.8	204.8						70.	185.	14.1	185.0	-13.9	-.19	-.05
455.1	173.8	205.7						65.	185.	19.1	185.0	-18.8	-.19	-.06
461.8	173.9	206.6						80.	185.	4.1	185.0	-4.0	-.20	-.01
467.9	174.0	207.4						70.	185.	14.3	185.0	-14.1	-.19	-.05
474.0	174.1	207.5						85.	185.					
480.1	174.3	206.0						70.	185.	14.6	185.0	-14.4	-.19	-.05
486.8	174.5	204.3						90.	185.					
492.3	174.7	202.9						80.	185.	4.8	185.0	-4.8	-.20	-.02
498.3	174.9	201.4						70.	185.	15.1	185.0	-14.8	-.19	-.05
504.4	175.1	199.9						80.	185.	5.2	185.0	-5.1	-.20	-.02
510.5	175.3	198.4						70.	185.	15.4	185.0	-15.2	-.19	-.05

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)		S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED	OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP	CA DIPD	DIP DIPD AP-DIP			H	V
516.6	175.5	196.9			80. 185.	5.6 185.0	-5.5		-.20	-.02
522.7	175.7	195.3			70. 185.	15.8 185.0	-15.5		-.19	-.05
528.8	175.9	193.8			70. 185.	15.9 185.0	-15.7		-.19	-.05
534.9	176.1	192.3			65. 185.	21.1 185.0	-20.8		-.19	-.07
541.5	176.3	190.6			80. 185.	6.3 185.0	-6.2		-.20	-.02
547.1	176.5	189.2			85. 185.					
553.2	176.7	187.7			80. 185.	6.7 185.0	-6.6		-.20	-.02
559.3	176.9	186.2			70. 185.	16.9 185.0	-16.7		-.19	-.06
564.9	177.1	184.8			50. 185.	37.1 185.0	-36.7		-.16	-.12
571.5	177.3	183.1			60. 185.	27.3 185.0	-26.9		-.18	-.09
577.4	177.5	181.6			70. 185.	17.5 185.0	-17.3		-.19	-.06
583.2	177.7	180.2			54. 185.	33.7 185.0	-33.3		-.17	-.11
589.5	177.9	178.6			54. 185.	33.9 185.0	-33.5		-.17	-.11
595.9	177.8	210.8			72. 185.	16.0 185.0	-15.8		-.19	-.05
601.0	177.5	252.7			62. 185.	27.0 185.0	-26.6		-.18	-.09
607.0	177.2	302.0			62. 185.	29.2 185.0	-28.8		-.18	-.10
613.0	176.9	343.1			48. 185.	44.9 185.0	-44.4		-.14	-.14
619.0	176.2	343.9			67. 185.	26.5 185.0	-26.2		-.18	-.09
625.0	175.5	344.7			66. 185.	28.2 185.0	-27.8		-.18	-.09
631.0	174.8	345.5			69. 185.	25.8 185.0	-25.5		-.18	-.09
637.4	174.0	346.3			45. 185.	50.7 185.0	-50.2		-.13	-.15
643.0	173.3	347.1			65. 185.	31.3 185.0	-30.9		-.17	-.10
649.0	172.6	347.9			68. 185.	29.0 185.0	-28.6		-.18	-.10
655.0	171.9	348.6			74. 185.	23.6 185.0	-23.3		-.18	-.08
661.0	171.2	349.4			60. 185.	38.4 185.0	-38.0		-.16	-.12
667.0	170.5	350.2			59. 185.	40.1 185.0	-39.7		-.15	-.13
673.9	169.7	351.1			62. 185.	37.9 185.0	-37.5		-.16	-.12
679.6	169.0	351.9			52. 185.	48.7 185.0	-48.2		-.13	-.15
684.0	168.5	352.4			58. 185.	43.1 185.0	-42.7		-.15	-.14
691.4	167.9	354.6			65. 185.	36.8 185.0	-36.4		-.16	-.12
697.7	167.7	357.6			75. 185.	27.1 185.0	-26.8		-.18	-.09
703.5	167.5	.4			58. 185.	44.4 185.0	-44.0		-.14	-.14
711.1	167.2	4.1			69. 185.	33.8 185.0	-33.4		-.17	-.11
717.4	167.0	7.2			71. 185.	32.0 185.0	-31.6		-.17	-.10
723.1	166.9	9.9			68. 185.	35.0 185.0	-34.6		-.16	-.11
729.2	166.7	12.9			56. 185.	47.1 185.0	-46.7		-.14	-.15
734.6	166.5	15.5			72. 185.	31.1 185.0	-30.7		-.17	-.10
740.7	166.3	18.5			78. 185.	1.8 185.0	-1.7		-.20	-.01
						24.9 185.0	-24.6		-.18	-.08
744.4	166.2	20.3			74. 185.	28.9 185.0	-28.6		-.18	-.10
750.7	165.9	23.3			71. 185.	31.9 185.0	-31.5		-.17	-.10

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
756.5	165.8	26.2						65.	185.	37.8	185.0	-37.4	-.16	-.12
761.0	165.6	28.3						77.	185.	1.5	185.0	-1.5	-.20	-.01
										25.0	185.0	-24.7	-.18	-.08
766.5	165.4	29.2						74.	185.	28.3	185.0	-27.9	-.18	-.09
771.1	165.3	27.4						51.	185.	52.3	185.0	-51.9	-.12	-.16
777.4	165.2	24.9						72.	185.	31.3	185.0	-30.9	-.17	-.10
783.6	165.0	22.4						71.	185.	32.8	185.0	-32.4	-.17	-.11
791.0	164.8	19.5						69.	185.	35.4	185.0	-35.0	-.16	-.11
797.5	164.6	17.0						78.	185.	3.5	185.0	-3.4	-.20	-.01
										26.7	185.0	-26.3	-.18	-.09
803.7	164.5	14.5						70.	185.	35.1	185.0	-34.7	-.16	-.11
810.6	164.3	11.8						53.	185.	52.6	185.0	-52.1	-.12	-.16
817.6	164.1	9.1						80.	185.	5.9	185.0	-5.8	-.20	-.02
										25.8	185.0	-25.5	-.18	-.09
822.6	164.0	7.1						61.	185.	45.0	185.0	-44.5	-.14	-.14
831.8	163.7	3.5						70.	185.	36.3	185.0	-35.9	-.16	-.12
836.5	163.6	1.6						41.	185.	65.4	185.0	-65.0	-.08	-.18

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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**************************
*     DDH:  77-X-03      *    START PLOT NUMBER  3
**************************
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.05 - .25 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 844.3 METERS J = 1 - 318

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.2	179.5	1.9						65.	185.	25.5	185.0	4.7	.20	.02
15.2	179.1	3.5						79.	185.	11.0	185.0	1.9	.20	.01
20.7	178.7	4.7						79.	185.	12.3	185.0	2.2	.20	.01
33.5	178.0	7.6	77.	5.	11.0	5.0	-1.9	76.	185.	16.0	185.0	2.9	.20	.01
39.6	177.6	9.0						75.	185.	17.4	185.0	3.1	.20	.01
45.4	177.2	10.3						80.	185.	12.8	185.0	2.3	.20	.01
54.3	176.7	12.4						75.	185.	18.3	185.0	3.3	.20	.01
59.7	176.4	13.6						78.	185.	15.5	185.0	2.8	.20	.01
66.0	176.0	15.0						69.	185.	24.9	185.0	4.6	.20	.02
66.1	176.0	15.1	60.	185.	33.9	185.0	6.7	83.	185.	10.9	185.0	1.9	.20	.01
70.4	175.7	16.0						79.	185.	15.2	185.0	2.7	.20	.01
78.9	175.2	18.0						84.	185.	10.6	185.0	1.9	.20	.01
87.8	174.6	20.0						60.	185.	35.2	185.0	7.0	.20	.02
93.2	174.3	21.2						79.	185.	16.4	185.0	2.9	.20	.01
100.0	173.9	22.8						69.	185.	26.7	185.0	5.0	.20	.02
106.4	173.5	24.2						74.	185.	22.0	185.0	4.0	.20	.01
111.6	173.2	25.4						80.	185.	16.1	185.0	2.9	.20	.01
118.3	172.8	27.0						79.	185.	17.4	185.0	3.1	.20	.01
125.3	172.4	28.6						76.	185.	20.6	185.0	3.7	.20	.01
134.3	171.8	30.6						84.	185.	2.6	185.0	.4	.20	.00
										12.3	185.0	2.2	.20	.01
136.6	171.7	31.1	66.	185.	31.2	185.0	6.0	75.	185.	22.0	185.0	4.0	.20	.01
141.4	171.4	32.2						66.	185.	31.4	185.0	6.0	.20	.02
147.8	171.0	33.7						68.	185.	29.5	185.0	5.6	.20	.02
153.8	170.6	35.0						68.	185.	29.7	185.0	5.7	.20	.02
157.9	170.4	36.0						72.	185.	25.6	185.0	4.8	.20	.02
161.4	170.2	36.8	86.	5.				76.	185.	21.4	185.0	3.9	.20	.01
168.3	169.7	38.4						73.	185.	24.7	185.0	4.6	.20	.02
170.7	169.6	38.9	79.	5.	.7	5.0	-.1	78.	185.	19.2	185.0	3.5	.20	.01
174.4	169.4	39.7	54.	185.	44.3	185.0	9.6	68.	185.	29.9	185.0	5.7	.20	.02
183.2	168.8	41.7						75.	185.	22.5	185.0	4.1	.20	.01
190.5	168.6	47.2						64.	185.	33.4	185.0	6.5	.20	.02
196.9	168.9	62.2						76.	185.	16.6	185.0	3.0	.20	.01
209.7	169.6	92.2						65.	185.	23.4	185.0	4.3	.20	.01
217.3	170.1	110.0						70.	185.	15.1	185.0	2.7	.20	.01
224.0	170.4	125.7						77.	185.	5.2	185.0	.9	.20	.00
230.4	170.8	140.7						67.	185.	15.5	185.0	2.8	.20	.01
235.3	171.0	152.2						70.	185.	11.8	185.0	2.1	.20	.01
242.6	171.4	169.3						62.	185.	19.6	185.0	3.5	.20	.01
249.3	171.8	185.0						74.	185.	7.8	185.0	1.4	.20	.00
256.0	172.0	193.0						65.	185.	17.1	185.0	3.0	.20	.01

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
261.8	172.1	193.0	77.	275.	9.3	275.0	-9.2	77.	185.	5.1	185.0	.9	.20	.00
269.4	172.2	193.0						83.	185.					
276.5	172.2	193.0	90.	0.				80.	185.	2.2	185.0	.4	.20	.00
282.9	172.3	193.0						85.	185.					
288.3	172.3	193.0	90.	0.				76.	185.	6.3	185.0	1.1	.20	.00
292.9	172.4	193.0	90.	0.				78.	185.	4.4	185.0	.8	.20	.00
301.8	172.4	193.0	84.	95.				80.	185.	2.4	185.0	.4	.20	.00
307.9	172.5	193.0						82.	185.	.5	185.0	.1	.20	.00
314.3	172.6	193.0						73.	185.	9.6	185.0	1.7	.20	.01
320.4	172.6	193.0						74.	185.	8.6	185.0	1.5	.20	.01
324.9	172.7	193.0						70.	185.	12.7	185.0	2.2	.20	.01
334.7	172.7	193.0						73.	185.	9.7	185.0	1.7	.20	.01
343.8	172.8	193.0						70.	185.	12.8	185.0	2.3	.20	.01
352.0	172.9	193.0						75.	185.	7.9	185.0	1.4	.20	.00
356.3	172.9	193.0	80.	5.	17.0	5.0	-3.0	80.	185.	2.9	185.0	.5	.20	.00
362.0	173.0	193.0						60.	185.	23.1	185.0	4.2	.20	.01
368.2	173.1	193.8						80.	185.	3.1	185.0	.5	.20	.00
374.8	173.1	194.7						65.	185.	18.2	185.0	3.3	.20	.01
379.5	173.2	195.3						70.	185.	13.3	185.0	2.3	.20	.01
385.1	173.2	196.1						80.	185.	3.2	185.0	.6	.20	.00
390.8	173.3	196.9						75.	185.	8.4	185.0	1.5	.20	.01
396.3	173.3	197.6						70.	185.	13.4	185.0	2.4	.20	.01
402.6	173.4	198.5						70.	185.	13.5	185.0	2.4	.20	.01
408.8	173.4	199.3						70.	185.	13.5	185.0	2.4	.20	.01
414.0	173.5	200.1						70.	185.	13.7	185.0	2.4	.20	.01
419.7	173.5	200.8						70.	185.	13.7	185.0	2.4	.20	.01
425.0	173.6	201.6						80.	185.	3.7	185.0	.6	.20	.00
430.7	173.6	202.3						60.	185.	23.8	185.0	4.4	.20	.02
436.8	173.7	203.2						80.	185.	3.8	185.0	.7	.20	.00
442.9	173.7	204.0						70.	185.	13.9	185.0	2.5	.20	.01
449.0	173.8	204.8						70.	185.	14.1	185.0	2.5	.20	.01
455.1	173.8	205.7						65.	185.	19.1	185.0	3.4	.20	.01
461.8	173.9	206.6						80.	185.	4.1	185.0	.7	.20	.00
467.9	174.0	207.4						70.	185.	14.3	185.0	2.5	.20	.01
474.0	174.1	207.5						85.	185.					
480.1	174.3	206.0						70.	185.	14.6	185.0	2.6	.20	.01
486.8	174.5	204.3						90.	185.					
492.3	174.7	202.9						80.	185.	4.8	185.0	.8	.20	.00
498.3	174.9	201.4						70.	185.	15.1	185.0	2.7	.20	.01
504.4	175.1	199.9						80.	185.	5.2	185.0	.9	.20	.00
510.5	175.3	198.4						70.	185.	15.4	185.0	2.7	.20	.01

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP	CA DIPD	DIP DIPD	AP-DIP		H	V
516.6	175.5	196.9				80. 185.	5.6 185.0	1.0		.20	.00
522.7	175.7	195.3				70. 185.	15.8 185.0	2.8		.20	.01
528.8	175.9	193.8				70. 185.	15.9 185.0	2.8		.20	.01
534.9	176.1	192.3				65. 185.	21.1 185.0	3.8		.20	.01
541.5	176.3	190.6				80. 185.	6.3 185.0	1.1		.20	.00
547.1	176.5	189.2				85. 185.					
553.2	176.7	187.7				80. 185.	6.7 185.0	1.2		.20	.00
559.3	176.9	186.2				70. 185.	16.9 185.0	3.0		.20	.01
564.9	177.1	184.8				50. 185.	37.1 185.0	7.5		.20	.03
571.5	177.3	183.1				60. 185.	27.3 185.0	5.1		.20	.02
577.4	177.5	181.6				70. 185.	17.5 185.0	3.1		.20	.01
583.2	177.7	180.2				54. 185.	33.7 185.0	6.6		.20	.02
589.5	177.9	178.6				54. 185.	33.9 185.0	6.7		.20	.02
595.9	177.8	210.8				72. 185.	16.0 185.0	2.8		.20	.01
601.0	177.5	252.7				62. 185.	27.0 185.0	5.0		.20	.02
607.0	177.2	302.0				62. 185.	29.2 185.0	5.5		.20	.02
613.0	176.9	343.1				48. 185.	44.9 185.0	9.8		.20	.03
619.0	176.2	343.9				67. 185.	26.5 185.0	4.9		.20	.02
625.0	175.5	344.7				66. 185.	28.2 185.0	5.3		.20	.02
631.0	174.8	345.5				69. 185.	25.8 185.0	4.8		.20	.02
637.4	174.0	346.3				45. 185.	50.7 185.0	12.0		.20	.04
643.0	173.3	347.1				65. 185.	31.3 185.0	6.0		.20	.02
649.0	172.6	347.9				68. 185.	29.0 185.0	5.5		.20	.02
655.0	171.9	348.6				74. 185.	23.6 185.0	4.3		.20	.02
661.0	171.2	349.4				60. 185.	38.4 185.0	7.8		.20	.03
667.0	170.5	350.2				59. 185.	40.1 185.0	8.3		.20	.03
673.9	169.7	351.1				62. 185.	37.9 185.0	7.7		.20	.03
679.6	169.0	351.9				52. 185.	48.7 185.0	11.2		.20	.04
684.0	168.5	352.4				58. 185.	43.1 185.0	9.2		.20	.03
691.4	167.9	354.6				65. 185.	36.8 185.0	7.4		.20	.03
697.7	167.7	357.6				75. 185.	27.1 185.0	5.1		.20	.02
703.5	167.5	.4				58. 185.	44.4 185.0	9.7		.20	.03
711.1	167.2	4.1				69. 185.	33.8 185.0	6.6		.20	.02
717.4	167.0	7.2				71. 185.	32.0 185.0	6.2		.20	.02
723.1	166.9	9.9				68. 185.	35.0 185.0	6.9		.20	.02
729.2	166.7	12.9				56. 185.	47.1 185.0	10.6		.20	.04
734.6	166.5	15.5				72. 185.	31.1 185.0	6.0		.20	.02
740.7	166.3	18.5				78. 185.	1.8 185.0	.3		.20	.00
							24.9 185.0	4.6		.20	.02
744.4	166.2	20.3				74. 185.	28.9 185.0	5.5		.20	.02
750.7	165.9	23.3				71. 185.	31.9 185.0	6.2		.20	.02

****
* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
756.5	165.8	26.2				65. 185.	37.8 185.0	7.7		.20	.03
761.0	165.6	28.3				77. 185.	1.5 185.0	.3		.20	.00
							25.0 185.0	4.6		.20	.02
766.5	165.4	29.2				74. 185.	28.3 185.0	5.3		.20	.02
771.1	165.3	27.4				51. 185.	52.3 185.0	12.7		.20	.04
777.4	165.2	24.9				72. 185.	31.3 185.0	6.0		.20	.02
783.6	165.0	22.4				71. 185.	32.8 185.0	6.4		.20	.02
791.0	164.8	19.5				69. 185.	35.4 185.0	7.0		.20	.02
797.5	164.6	17.0				78. 185.	3.5 185.0	.6		.20	.00
							26.7 185.0	5.0		.20	.02
803.7	164.5	14.5				70. 185.	35.1 185.0	7.0		.20	.02
810.6	164.3	11.8				53. 185.	52.6 185.0	12.8		.20	.04
817.6	164.1	9.1				80. 185.	5.9 185.0	1.0		.20	.00
							25.8 185.0	4.8		.20	.02
822.6	164.0	7.1				61. 185.	45.0 185.0	9.8		.20	.03
831.8	163.7	3.5				70. 185.	36.3 185.0	7.3		.20	.03
836.5	163.6	1.6				41. 185.	65.4 185.0	20.7		.19	.07

***** PLOT NUMBER 3 FINISHED *****

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**************************
*      DDH:  77X03R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    317898.0  NORTH: 22649048.0
                      ELEV:      1189.4


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                 1         2         3         4         5         6         7         8
        1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    1   T77X03R  01189.42264904800317898 METERS
    2   R77X03R       0        180.0    0.   PREDICTED
    3   R77X03R    1887        164.9   42.7  PREDICTED
    4   R77X03R    2527        171.0  190.9  PREDICTED
    5   R77X03R    3624        173.9  188.9  PREDICTED
    6   R77X03R    4721        177.0  178.4  PREDICTED
    7   R77X03R    5919        178.6  178.4  PREDICTED
    8   R77X03R    6120        174.4  358.4  PREDICTED
    9   R77X03R    6882        168.2  351.0  PREDICTED
   10   R77X03R    7644        164.7   21.6  PREDICTED
   11   R77X03R    8406        163.7  358.4  PREDICTED
   12   R77X03R     8443       163.7  358.4  PREDICTED
   13   L77X03R  00000 00019 01 #
   14   L77X03R  00019 00271 02 5D3
   15   L77X03R  00271 00500 03 5B0
   16   L77X03R  00500 00585 04 5D3
   17   L77X03R  00585 00625 05 5B0
   18   L77X03R  00625 00636 06 5D3
   19   L77X03R  00636 00677 07 5B0
   20   L77X03R  00677 00724 08 5D3
   21   L77X03R  00724 00763 09 5C0
   22   L77X03R  00763 00855 10 5C8
   23   L77X03R  00855 00904 11 5C0
   24   L77X03R  00904 00972 12 5D3
   25   L77X03R  00972 01100 13 5C0
   26   L77X03R  01100 01141 14 5D3
   27   L77X03R  01141 01195 15 5B0
   28   L77X03R  01195 01245 16 5D3
   29   L77X03R  01245 01333 17 5B0
   30   L77X03R  01333 01468 18 5D3
   31   L77X03R  01468 01501 19 5C3
   32   L77X03R  01501 01591 20 5D3
   33   L77X03R  01591 04308 21 5B0
   34   L77X03R  04426 04525 22 5D3
   35   L77X03R  04525 04658 23 5B6
   36   L77X03R  04658 04813 24 5B0
        1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
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****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L77X03R  04813 04868 25 5D3
   38 L77X03R  04868 05004 26 5B6
   39 L77X03R  05004 05136 27 5B0
   40 L77X03R  05136 05202 28 5D3
   41 L77X03R  05202 05341 29 5B0
   42 L77X03R  05341 05379 30 5B6
   43 L77X03R  05379 05418 31 5G0
   44 L77X03R  05418 05485 32 5B0
   45 L77X03R  05485 05589 33 5B0
   46 L77X03R  05589 05855 34 5B6
   47 L77X03R  05855 05901 35 5B0
   48 L77X03R  05901 06198 36 5B6
   49 L77X03R  06198 06238 37 5B0
   50 L77X03R  06238 06329 38 5B2
   51 L77X03R  06329 06472 39 5B6
   52 L77X03R  06472 06517 40 5B6
   53 L77X03R  06517 06821 41 5A0
   54 L77X03R  06821 06888 42 4C7
   55 L77X03R  06888 06910 43 5B4
   56 L77X03R  06910 06939 44 5B4
   57 L77X03R  06939 06951 45 5B4
   58 L77X03R  06951 06982 46 5B4
   59 L77X03R  06982 07001 47 5B4
   60 L77X03R  07001 07026 48 4E4
   61 L77X03R  07026 07036 49 4G0
   62 L77X03R  07036 07045 50 4E1
   63 L77X03R  07045 07051 51 4G0
   64 L77X03R  07051 07059 52 4E1
   65 L77X03R  07059 07108 53 4D0
   66 L77X03R  07108 07140 54 4D5
   67 L77X03R  07140 07172 55 4E1
   68 L77X03R  07172 07187 56 5B4
   69 L77X03R  07187 07312 57 5B4
   70 L77X03R  07312 07366 58 4E1
   71 L77X03R  07366 07393 59 4C7
   72 L77X03R  07393 07426 60 4D0
   73 L77X03R  07426 07436 61 4A0
   74 L77X03R  07436 07541 62 5B4
   75 L77X03R  07541 07644 63 5D6
   76 L77X03R  07644 07748 64 5B4
   77 L77X03R  07748 07769 65 5B6
   78 L77X03R  07769 07910 66 5D6
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
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****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  79   L77X03R  07910 08016 67 5B4
  80   L77X03R  08016 08026 68 5B6
  81   L77X03R  08026 08091 69 5D6
  82   L77X03R  08091 08109 70 5D6
  83   L77X03R  08109 08123 71 5A*
  84   L77X03R  08123 08299 72 5A1
  85   L77X03R  08299 08324 73 3D4
  86   L77X03R  08324 08328 74 0C0
  87   L77X03R  08328 08368 75 3D4
  88   L77X03R  08368 08443 76 0B0
  89   S77X03R        00082 CS2          65185
  90   S77X03R        00152 CS2          79185
  91   S77X03R        00207 CS2          79185
  92   S77X03R        00335 CS2   77005  76185
  93   S77X03R        00368      3
  94   S77X03R        00396 CS2          75185
  95   S77X03R        00454 CS2          80185
  96   S77X03R        00474      E
  97   S77X03R        00543 CS2          75185
  98   S77X03R        00597 CS2          78185
  99   S77X03R        00660 CS2          69185
 100   S77X03R        00661 CS2   60185  83185
 101   S77X03R        00671      3
 102   S77X03R        00704 CS2          79185
 103   S77X03R        00789 CS2          84185
 104   S77X03R        00878 CS2          60185
 105   S77X03R        00932 CS2          79185
 106   S77X03R        00950      E
 107   S77X03R        01000 CS2          69185
 108   S77X03R        01064 CS2          74185
 109   S77X03R        01116 CS2          80185
 110   S77X03R        01183 CS2          79185
 111   S77X03R        01253 CS2          76185
 112   S77X03R        01343 CS2          84185
 113   S77X03R        01366 CS2   66185  75185
 114   S77X03R        01370      3
 115   S77X03R        01414 CS2          66185
 116   S77X03R        01478 CS2          68185
 117   S77X03R        01538 CS2          68185
 118   S77X03R        01550      E
 119   S77X03R        01579 CS2          72185
 120   S77X03R        01614 CS2   86005  76185
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
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****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121  S77X03R        01677     3
  122  S77X03R        01683 CS2         73185
  123  S77X03R        01707 CS2   79005 78185
  124  S77X03R        01744 CS2   54185 68185
  125  S77X03R        01832 CS2         75185
  126  S77X03R        01905 CS2         64185
  127  S77X03R        01969 CS2         76185
  128  S77X03R        02097 CS2         65185
  129  S77X03R        02132     E
  130  S77X03R        02173 CS2         70185
  131  S77X03R        02240 CS2         77185
  132  S77X03R        02304 CS2         67185
  133  S77X03R        02353 CS2         70185
  134  S77X03R        02426 CS2         62185
  135  S77X03R        02493 CS2         74185
  136  S77X03R        02560 CS2         65185
  137  S77X03R        02618 CS2   77275 77185
  138  S77X03R        02694 CS2         83185
  139  S77X03R        02765 CS2   90    80185
  140  S77X03R        02771     3
  141  S77X03R        02829 CS2         85185
  142  S77X03R        02883 CS2   90    76185
  143  S77X03R        02929 CS2   90    78185
  144  S77X03R        02977     E
  145  S77X03R        03018 CS2   84095 80185
  146  S77X03R        03079 CS2         82185
  147  S77X03R        03143 CS2         73185
  148  S77X03R        03204 CS2         74185
  149  S77X03R        03249 CS2         70185
  150  S77X03R        03347 CS2         73185
  151  S77X03R        03430     3
  152  S77X03R        03438 CS2         70185
  153  S77X03R        03520 CS2         75185
  154  S77X03R        03563 CS2   80005 80185
  155  S77X03R        03620 CS2         60185
  156  S77X03R        03682 CS2         80185
  157  S77X03R        03748 CS2 E       65185
  158  S77X03R        03795 CS2         70185
  159  S77X03R        03851 CS2         80185
  160  S77X03R        03891     3
  161  S77X03R        03908 CS2         75185
  162  S77X03R        03963 CS2         70185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S77X03R	04026	CS2	70185
164	S77X03R	04088	CS2	70185
165	S77X03R	04140	CS2	70185
166	S77X03R	04150	E	
167	S77X03R	04176	3	
168	S77X03R	04197	CS2	70185
169	S77X03R	04250	PS2	80185
170	S77X03R	04307	CS2	60185
171	S77X03R	04368	CS2	80185
172	S77X03R	04429	CS2	70185
173	S77X03R	04476	E	
174	S77X03R	04490	CS2	70185
175	S77X03R	04506	3	
176	S77X03R	04551	CS2	65185
177	S77X03R	04618	CS2	80185
178	S77X03R	04679	CS2	70185
179	S77X03R	04740	CS2	85185
180	S77X03R	04794	E	
181	S77X03R	04801	CS2	70185
182	S77X03R	04868	CS2	90185
183	S77X03R	04923	CS2	80185
184	S77X03R	04983	CS2	70185
185	S77X03R	05002	E	
186	S77X03R	05044	CS2	80185
187	S77X03R	05105	CS2	70185
188	S77X03R	05114	3	
189	S77X03R	05166	CS2	80185
190	S77X03R	05227	CS2	70185
191	S77X03R	05288	CS2	70185
192	S77X03R	05349	CS2	65185
193	S77X03R	05403	E	
194	S77X03R	05415	CS2	80185
195	S77X03R	05471	CS2	85185
196	S77X03R	05532	CS2	80185
197	S77X03R	05593	CS2	70185
198	S77X03R	05619	3	
199	S77X03R	05649	CS2	50185
200	S77X03R	05715	CS2	60185
201	S77X03R	05726	E	
202	S77X03R	05774	CS2	70185
203	S77X03R	05832	CS2	54185
204	S77X03R	05895	CS2	54185

****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
         1         2         3         4         5         6         7         8
    1....0....+....0....+....0....+....0....+....0....+....0....+....0....+....0.
205 S77X03R      05918     3
206 S77X03R      05959 CS2          72185
207 S77X03R      06010 CS2          62185
208 S77X03R      06070 CS2          62185
209 S77X03R      06130 CS2          48185
210 S77X03R      06149     E
211 S77X03R      06190 CS2          67185
212 S77X03R      06250 CS2          66185
213 S77X03R      06285     3
214 S77X03R      06310 CS2          69185
215 S77X03R      06374 CS2          45185
216 S77X03R      06430 CS2          65185
217 S77X03R      06490 CS2          68185
218 S77X03R      06501     E
219 S77X03R      06550 CS2          74185
220 S77X03R      06610 CS2          60185
221 S77X03R      06670 CS2          59185
222 S77X03R      06739 CS2          62185
223 S77X03R      06796 CS2          52185
224 S77X03R      06821     3
225 S77X03R      06840 CS2          58185
226 S77X03R      06914 CS2          65185
227 S77X03R      06977 CS2          75185
228 S77X03R      07035 CS2          58185
229 S77X03R      07111 CS2          69185
230 S77X03R      07174 CS2          71185
231 S77X03R      07231 CS2          68185
232 S77X03R      07292 CS2          56185
233 S77X03R      07346 CS2          72185
234 S77X03R      07407 CS2          78185
235 S77X03R      07444 CS2          74185
236 S77X03R      07507 CS2          71185
237 S77X03R      07565 CS2          65185
238 S77X03R      07610 CS2          77185
239 S77X03R      07665 CS2          74185
240 S77X03R      07711 CS2          51185
241 S77X03R      07774 CS2          72185
242 S77X03R      07836 CS2          71185
243 S77X03R      07881     E
244 S77X03R      07910 CS2          69185
245 S77X03R      07975 CS2          78185
246 S77X03R      08012     3
    1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8
              0         0         0         0         0         0         0         0
```

****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247 S77X03R         08037 CS2         70185
  248 S77X03R         08106 CS2         53185
  249 S77X03R         08176 CS2         80185
  250 S77X03R         08226 CS2         61185
  251 S77X03R         08318 CS2         70185
  252 S77X03R         08365 CS2         41185
  253 S77X03R         08366     S
  254 P77X03R  06981  07001  002601
  255 P77X03R  07001  07011  002602
  256 P77X03R  07011  07026  002603
  257 P77X03R  07026  07036  002604
  258 P77X03R  07036  07046  002605
  259 P77X03R  07046  07059  002606
  260 P77X03R  07059  07079  002607
  261 P77X03R  07079  07099  002608
  262 P77X03R  07099  07108  002609
  263 P77X03R  07108  07128  002610
  264 P77X03R  07128  07140  002611
  265 P77X03R  07140  07160  002612
  266 P77X03R  07160  07172  002613
  267 P77X03R  07172  07192  002614
  268 P77X03R  07292  07312  002615
  269 P77X03R  07312  07332  002616
  270 P77X03R  07332  07352  002617
  271 P77X03R  07352  07366  002618
  272 P77X03R  07366  07376  002619
  273 P77X03R  07376  07393  002620
  274 P77X03R  07393  07413  002621
  275 P77X03R  07413  07426  002622
  276 P77X03R  07426  07436  002623
  277 P77X03R  07436  07456  002624
  278 A77X03R  698.1700.1    2601 0.0   0000 0.09   011    20 -.50.03 289-.5 -.5 -.5 -
  279 A77X03R  700.1701.1    2602 1.0   1029 9.85   511  1496 -.50.111104-.5 -.5 -.5 -
  280 A77X03R  701.1702.6    2603 1.5    614 3.68   359   727 -.50.20 867-.5 -.5 -.5 -
  281 A77X03R  702.6703.6    2604 1.0    953 5.88   699  1287 -.50.093942-.5 -.5 -.5 -
  282 A77X03R  703.6704.6    2605 1.0    412 2.46   301   547 -.50.291036-.5 -.5 -.5 -
  283 A77X03R  704.6705.9    2606 1.3    367 1.73   351   524 -.50.211733-.5 -.5 -.5 -
  284 A77X03R  705.9707.9    2607 2.0    511 5.02   197   699 -.50.15 408-.5 -.5 -.5 -
  285 A77X03R  707.9709.9    2608 2.0    285 1.92   096   288 -.50.29 020-.5 -.5 -.5 -
  286 A77X03R  709.9710.8    2609 0.9     72 0.57   096   153 -.50.27 026-.5 -.5 -.5 -
  287 A77X03R  710.8712.8    2610 2.0     14 0.07   024    31 -.50.16 020-.5 -.5 -.5 -
  288 A77X03R  712.8714.0    2611 1.2     62 0.44   028    72 -.50.16 026-.5 -.5 -.5 -
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 77X03R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
289  A77X03R  714.0716.0  2612 2.0   549 3.26  405  731 -.50.26 748-.5 -.5 -.5 -
290  A77X03R  716.0717.2  2613 1.2   182 0.41  045   86 -.50.44 010-.5 -.5 -.5 -
291  A77X03R  717.2719.2  2614 2.0  0000 0.01  002    3 -.50.11 051-.5 -.5 -.5 -
292  A77X03R  729.2731.2  2615 2.0  0000 0.29  034   63 -.50.02 323-.5 -.5 -.5 -
293  A77X03R  731.2733.2  2616 2.0   130 0.52  038   90 -.50.19 085-.5 -.5 -.5 -
294  A77X03R  733.2735.2  2617 2.0   329 2.32  174  406 -.50.261597-.5 -.5 -.5 -
295  A77X03R  735.2736.6  2618 1.4   247 1.74  142  316 -.50.25 527-.5 -.5 -.5 -
296  A77X03R  736.6737.6  2619 1.0    41 0.51  027   78 -.50.09 102-.5 -.5 -.5 -
297  A77X03R  737.6739.3  2620 1.7   130 1.08  065  173 -.50.11 272-.5 -.5 -.5 -
298  A77X03R  739.3741.3  2621 2.0   363 2.04  121  325 -.50.15 408-.5 -.5 -.5 -
299  A77X03R  741.3742.6  2622 1.3   285 1.24  144  268 -.50.212209-.5 -.5 -.5 -
300  A77X03R  742.6743.6  2623 1.0   168 0.26  030   56 -.50.08 026-.5 -.5 -.5 -
301  A77X03R  743.6745.6  2624 2.0  0000 0.04  002    6 -.50.01 057-.5 -.5 -.5 -
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

DDH: 77X03R -- SUMMARY OF DATA INPUT

RECORDS READ = 301   RELEASED TO SORT 391
TYPE-L = 76
TYPE-P = 24
TYPE-R = 11
TYPE-S = 165
TYPE-X = 42
TYPE-A = 48
TYPE-V = 24   (GENERATED TO DEPTH: 840.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 844.3 METERS

****
* DDH: 77X03R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317898.0 NORTH: 22649048.0
ELEV: 1189.4

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	188.70	METERS
	ZENITH ANG:	180.00	-	164.90	
	AZIMUTH:	0.	-	42.70	
BOREHOLE SECTION 2 --	DEPTH:	188.70	-	252.70	METERS
	ZENITH ANG:	164.90	-	171.00	
	AZIMUTH:	42.70	-	190.90	

HOLE ASSUMED VERTICAL AT DEPTH 226.75

BOREHOLE SECTION 3 --	DEPTH:	252.70	-	362.40	METERS
	ZENITH ANG:	171.00	-	173.90	
	AZIMUTH:	190.90	-	188.90	
BOREHOLE SECTION 4 --	DEPTH:	362.40	-	472.10	METERS
	ZENITH ANG:	173.90	-	177.00	
	AZIMUTH:	188.90	-	178.40	
BOREHOLE SECTION 5 --	DEPTH:	472.10	-	591.90	METERS
	ZENITH ANG:	177.00	-	178.60	
	AZIMUTH:	178.40	-	178.40	
BOREHOLE SECTION 6 --	DEPTH:	591.90	-	612.00	METERS
	ZENITH ANG:	178.60	-	174.40	
	AZIMUTH:	178.40	-	358.40	

HOLE ASSUMED VERTICAL AT DEPTH 591.81

BOREHOLE SECTION 7 --	DEPTH:	612.00	-	688.20	METERS
	ZENITH ANG:	174.40	-	168.20	
	AZIMUTH:	358.40	-	351.00	
BOREHOLE SECTION 8 --	DEPTH:	688.20	-	764.40	METERS
	ZENITH ANG:	168.20	-	164.70	
	AZIMUTH:	351.00	-	21.60	
BOREHOLE SECTION 9 --	DEPTH:	764.40	-	840.60	METERS
	ZENITH ANG:	164.70	-	163.70	
	AZIMUTH:	21.60	-	358.40	
BOREHOLE SECTION 10 --	DEPTH:	840.60	-	844.30	METERS
	ZENITH ANG:	163.70	-	163.70	

AZIMUTH: 358.40 - 358.40

FINISHED -- BOREHOLE LENGTH = 844.30 METERS
FILE SIZE = 391

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
1.9	L	01 #									1.9	.0	.0	179.8	.4
8.2	S				CS2				65.	185.	8.2	.0	.0	179.3	1.9
15.2	S				CS2				79.	185.	15.2	.0	.2	178.8	3.4
20.7	S				CS2				79.	185.	20.7	.0	.3	178.3	4.7
27.1	L	02 5D3									27.1	.0	.5	177.8	6.1
33.5	S				CS2		77.	5.	76.	185.	33.5	.1	.8	177.3	7.6
36.8	S					3					36.8	.1	.9	177.1	8.3
39.6	S				CS2				75.	185.	39.6	.1	1.1	176.8	9.0
45.4	S				CS2				80.	185.	45.4	.2	1.4	176.4	10.3
47.4	S					E					47.4	.2	1.6	176.2	10.7
50.0	L	03 5B0									50.0	.2	1.7	176.0	11.3
54.3	S				CS2				75.	185.	54.2	.3	2.0	175.7	12.3
58.5	L	04 5D3									58.4	.4	2.4	175.3	13.2
59.7	S				CS2				78.	185.	59.6	.4	2.5	175.2	13.5
62.5	L	05 5B0									62.4	.4	2.7	175.0	14.1
63.6	L	06 5D3									63.5	.5	2.8	174.9	14.4
66.0	S				CS2				69.	185.	65.9	.5	3.0	174.7	14.9
66.1	S				CS2		60.	185.	83.	185.	66.0	.5	3.0	174.7	15.0
67.1	S					3					67.0	.6	3.1	174.6	15.2
67.7	L	07 5B0									67.6	.6	3.1	174.6	15.3
70.4	S				CS2				79.	185.	70.3	.6	3.4	174.4	15.9
72.4	L	08 5D3									72.3	.7	3.6	174.2	16.4
76.3	L	09 5C0									76.2	.8	4.0	173.9	17.3
78.9	S				CS2				84.	185.	78.7	.9	4.2	173.7	17.9
85.5	L	10 5C8									85.3	1.1	5.0	173.2	19.3
87.8	S				CS2				60.	185.	87.6	1.2	5.2	173.0	19.9
90.4	L	11 5C0									90.2	1.3	5.5	172.8	20.5
93.2	S				CS2				79.	185.	92.9	1.5	5.9	172.5	21.1
95.0	S					E					94.7	1.6	6.1	172.4	21.5
97.2	L	12 5D3									96.9	1.7	6.3	172.2	22.0
100.0	S				CS2				69.	185.	99.7	1.8	6.7	172.0	22.6
106.4	S				CS2				74.	185.	106.0	2.2	7.5	171.5	24.1
110.0	L	13 5C0									109.6	2.4	8.0	171.2	24.9
111.6	S				CS2				80.	185.	111.1	2.5	8.3	171.1	25.3
114.1	L	14 5D3									113.6	2.7	8.6	170.9	25.8
118.3	S				CS2				79.	185.	117.8	3.0	9.2	170.5	26.8
119.5	L	15 5B0									118.9	3.1	9.4	170.4	27.0
124.5	L	16 5D3									123.9	3.5	10.2	170.0	28.2
125.3	S				CS2				76.	185.	124.7	3.5	10.3	170.0	28.4

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
133.3	L	17 5B0									132.5	4.2	11.5	169.3	30.2
134.3	S				CS2				84.	185.	133.5	4.3	11.7	169.3	30.4
136.6	S				CS2		66.	185.	75.	185.	135.8	4.5	12.1	169.1	30.9
137.0	S					3					136.2	4.6	12.1	169.0	31.0
141.4	S				CS2				66.	185.	140.5	5.0	12.9	168.7	32.0
146.8	L	18 5D3									145.8	5.6	13.8	168.3	33.2
147.8	S				CS2				68.	185.	146.8	5.7	13.9	168.2	33.4
150.1	L	19 5C3									149.0	6.0	14.3	168.0	34.0
153.8	S				CS2				68.	185.	152.6	6.4	15.0	167.7	34.8
155.0	S					E					153.8	6.6	15.2	167.6	35.1
157.9	S				CS2				72.	185.	156.6	6.9	15.7	167.4	35.7
159.1	L	20 5D3									157.8	7.1	15.9	167.3	36.0
161.4	S				CS2		86.	5.	76.	185.	160.0	7.4	16.3	167.1	36.5
167.7	S					3					166.2	8.3	17.5	166.6	37.9
168.3	S				CS2				73.	185.	166.8	8.3	17.6	166.5	38.1
170.7	S				CS2		79.	5.	78.	185.	169.1	8.7	18.0	166.3	38.6
174.4	S				CS2		54.	185.	68.	185.	172.7	9.2	18.7	166.0	39.5
183.2	S				CS2				75.	185.	181.2	10.7	20.4	165.3	41.5
188.7	R										186.5	11.6	21.4	164.9	42.7
190.5	S				CS2				64.	185.	188.3	11.9	21.7	165.1	46.9
196.9	S				CS2				76.	185.	194.5	12.9	22.9	165.7	61.7
209.7	S				CS2				65.	185.	207.1	14.1	24.6	166.9	91.3
213.2	S					E					210.6	14.3	24.9	167.2	99.4
217.3	S				CS2				70.	185.	214.7	14.5	25.3	167.6	108.9
224.0	S				CS2				77.	185.	221.4	14.7	25.6	168.3	124.4
230.4	S				CS2				67.	185.	227.8	14.7	25.6	168.9	139.3
235.3	S				CS2				70.	185.	232.7	14.6	25.5	169.3	150.6
242.6	S				CS2				62.	185.	239.9	14.5	25.1	170.0	167.5
249.3	S				CS2				74.	185.	246.6	14.3	24.3	170.7	183.0
252.7	R										250.0	14.2	23.9	171.0	190.9
256.0	S				CS2				65.	185.	253.2	14.1	23.4	171.1	190.8
261.8	S				CS2		77.	275.	77.	185.	259.0	14.0	22.5	171.2	190.7
269.4	S				CS2				83.	185.	266.5	13.7	21.4	171.4	190.6
276.5	S				CS2		90.	0.	80.	185.	273.5	13.6	20.3	171.6	190.5
277.1	S					3					274.1	13.5	20.2	171.6	190.5
282.9	S				CS2				85.	185.	279.8	13.4	19.4	171.8	190.3
288.3	S				CS2		90.	0.	76.	185.	285.2	13.2	18.7	171.9	190.3
292.9	S				CS2		90.	0.	78.	185.	289.7	13.1	18.0	172.1	190.2

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
297.7	S					E					294.5	13.0	17.4	172.2	190.1
301.8	S				CS2		84.	95.	80.	185.	298.5	12.9	16.9	172.3	190.0
307.9	S				CS2				82.	185.	304.6	12.8	16.1	172.5	189.9
314.3	S				CS2				73.	185.	310.9	12.6	15.2	172.6	189.8
320.4	S				CS2				74.	185.	317.0	12.5	14.5	172.8	189.7
324.9	S				CS2				70.	185.	321.4	12.4	13.9	172.9	189.6
334.7	S				CS2				73.	185.	331.2	12.2	12.7	173.2	189.4
343.0	S					3					339.4	12.1	11.8	173.4	189.3
343.8	S				CS2				70.	185.	340.2	12.0	11.7	173.4	189.2
352.0	S				CS2				75.	185.	348.4	11.9	10.8	173.6	189.1
356.3	S				CS2		80.	5.	80.	185.	352.6	11.8	10.3	173.7	189.0
362.0	S				CS2				60.	185.	358.3	11.7	9.7	173.9	188.9
362.4	R										358.7	11.7	9.7	173.9	188.9
368.2	S				CS2				80.	185.	364.5	11.6	9.1	174.1	188.3
374.8	S				CS2	E			65.	185.	371.0	11.5	8.4	174.3	187.7
379.5	S				CS2				70.	185.	375.7	11.5	7.9	174.4	187.3
385.1	S				CS2				80.	185.	381.3	11.4	7.4	174.5	186.7
389.1	S					3					385.3	11.4	7.0	174.7	186.3
390.8	S				CS2				75.	185.	387.0	11.4	6.9	174.7	186.2
396.3	S				CS2				70.	185.	392.4	11.3	6.4	174.9	185.7
402.6	S				CS2				70.	185.	398.7	11.2	5.8	175.0	185.1
408.8	S				CS2				70.	185.	404.9	11.2	5.3	175.2	184.5
414.0	S				CS2				70.	185.	410.1	11.2	4.9	175.4	184.0
415.0	S					E					411.1	11.2	4.8	175.4	183.9
417.6	S					3					413.7	11.2	4.6	175.5	183.6
419.7	S				CS2				70.	185.	415.8	11.1	4.4	175.5	183.4
425.0	S				PS2				80.	185.	421.0	11.1	4.0	175.7	182.9
430.7	S				CS2				60.	185.	426.7	11.1	3.6	175.8	182.4
430.8	L	21 5B0									426.8	11.1	3.6	175.8	182.4
436.8	S				CS2				80.	185.	432.8	11.1	3.2	176.0	181.8
442.9	S				CS2				70.	185.	438.9	11.1	2.7	176.2	181.2
447.6	S					E					443.6	11.1	2.4	176.3	180.7
449.0	S				CS2				70.	185.	445.0	11.1	2.3	176.3	180.6
450.6	S					3					446.6	11.1	2.2	176.4	180.5
452.5	L	22 5D3									448.5	11.1	2.1	176.4	180.3
455.1	S				CS2				65.	185.	451.1	11.1	2.0	176.5	180.0
461.8	S				CS2				80.	185.	457.8	11.1	1.6	176.7	179.4
465.8	L	23 5B6									461.8	11.1	1.3	176.8	179.0
467.9	S				CS2				70.	185.	463.8	11.1	1.2	176.9	178.8

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	S1 FEAT	S1 SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
472.1	R										468.0	11.1	1.0	177.0	178.4
474.0	S				CS2				85.	185.	469.9	11.1	.9	177.0	178.4
479.4	S					E					475.3	11.1	.6	177.1	178.4
480.1	S				CS2				70.	185.	476.0	11.1	.6	177.1	178.4
481.3	L	24 5B0									477.2	11.1	.5	177.1	178.4
486.8	L	25 5D3									482.7	11.1	.3	177.2	178.4
486.8	S				CS2				90.	185.	482.7	11.1	.3	177.2	178.4
492.3	S				CS2				80.	185.	488.2	11.1	-.0	177.3	178.4
498.3	S				CS2				70.	185.	494.2	11.1	-.3	177.3	178.4
500.2	S					E					496.1	11.1	-.4	177.4	178.4
500.4	L	26 5B6									496.3	11.1	-.4	177.4	178.4
504.4	S				CS2				80.	185.	500.3	11.1	-.6	177.4	178.4
510.5	S				CS2				70.	185.	506.4	11.1	-.8	177.5	178.4
511.4	S					3					507.3	11.1	-.9	177.5	178.4
513.6	L	27 5B0									509.5	11.1	-1.0	177.6	178.4
516.6	S				CS2				80.	185.	512.5	11.1	-1.1	177.6	178.4
520.2	L	28 5D3									516.1	11.1	-1.2	177.6	178.4
522.7	S				CS2				70.	185.	518.6	11.1	-1.3	177.7	178.4
528.8	S				CS2				70.	185.	524.7	11.2	-1.6	177.8	178.4
534.1	L	29 5B0									530.0	11.2	-1.8	177.8	178.4
534.9	S				CS2				65.	185.	530.8	11.2	-1.8	177.8	178.4
537.9	L	30 5B6									533.8	11.2	-1.9	177.9	178.4
540.3	S					E					536.2	11.2	-2.0	177.9	178.4
541.5	S				CS2				80.	185.	537.4	11.2	-2.1	177.9	178.4
541.8	L	31 5G0									537.7	11.2	-2.1	177.9	178.4
547.1	S				CS2				85.	185.	543.0	11.2	-2.3	178.0	178.4
548.5	L	32 5B0									544.4	11.2	-2.3	178.0	178.4
553.2	S				CS2				80.	185.	549.1	11.2	-2.5	178.1	178.4
558.9	L	33 5B0									554.8	11.2	-2.7	178.2	178.4
559.3	S				CS2				70.	185.	555.2	11.2	-2.7	178.2	178.4
561.9	S					3					557.8	11.2	-2.8	178.2	178.4
564.9	S				CS2				50.	185.	560.8	11.2	-2.8	178.2	178.4
571.5	S				CS2				60.	185.	567.4	11.2	-3.0	178.3	178.4
572.6	S					E					568.5	11.2	-3.1	178.3	178.4
577.4	S				CS2				70.	185.	573.3	11.2	-3.2	178.4	178.4
583.2	S				CS2				54.	185.	579.1	11.2	-3.4	178.5	178.4
585.5	L	34 5B6									581.4	11.2	-3.4	178.5	178.4
589.5	S				CS2				54.	185.	585.3	11.2	-3.5	178.6	178.4
590.1	L	35 5B0									585.9	11.2	-3.5	178.6	178.4
591.8	S					3					587.6	11.2	-3.6	178.6	178.4

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

				-------- STRUCTURAL LOG --------							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
591.9	R							587.7	11.2	-3.6	178.6	178.4
595.9	S			CS2			72. 185.	591.7	11.2	-3.6	177.8	214.2
601.0	S			CS2			62. 185.	596.8	11.2	-3.6	176.7	259.9
607.0	S			CS2			62. 185.	602.8	11.2	-3.3	175.4	313.6
612.0	R							607.8	11.2	-2.9	174.4	358.4
613.0	S			CS2			48. 185.	608.8	11.2	-2.8	174.3	358.3
614.9	S				E			610.7	11.2	-2.6	174.2	358.1
619.0	S			CS2			67. 185.	614.8	11.2	-2.2	173.8	357.7
619.8	L	36 5B6						615.6	11.2	-2.1	173.8	357.6
623.8	L	37 5B0						619.6	11.1	-1.6	173.4	357.3
625.0	S			CS2			66. 185.	620.7	11.1	-1.5	173.3	357.1
628.5	S				3			624.2	11.1	-1.1	173.1	356.8
631.0	S			CS2			69. 185.	626.7	11.1	-.8	172.9	356.6
632.9	L	38 5B2						628.6	11.1	-.5	172.7	356.4
637.4	S			CS2			45. 185.	633.1	11.0	.1	172.3	355.9
643.0	S			CS2			65. 185.	638.6	11.0	.8	171.9	355.4
647.2	L	39 5B6						642.8	10.9	1.4	171.5	355.0
649.0	S			CS2			68. 185.	644.5	10.9	1.7	171.4	354.8
650.1	S				E			645.6	10.9	1.9	171.3	354.7
651.7	L	40 5B6						647.2	10.9	2.1	171.2	354.5
655.0	S			CS2			74. 185.	650.5	10.8	2.6	170.9	354.2
661.0	S			CS2			60. 185.	656.4	10.7	3.6	170.4	353.6
667.0	S			CS2			59. 185.	662.3	10.6	4.6	169.9	353.1
673.9	S			CS2			62. 185.	669.1	10.4	5.8	169.4	352.4
679.6	S			CS2			52. 185.	674.7	10.3	6.9	168.9	351.8
682.1	L	41 5A0						677.1	10.2	7.4	168.7	351.6
682.1	S				3			677.1	10.2	7.4	168.7	351.6
684.0	S			CS2			58. 185.	679.0	10.2	7.7	168.5	351.4
688.2	R							683.1	10.0	8.6	168.2	351.0
688.8	L	42 4C7						683.7	10.0	8.7	168.2	351.2
691.0	L	43 5B4						685.9	10.0	9.2	168.1	352.1
691.4	S			CS2			65. 185.	686.2	9.9	9.2	168.1	352.3
693.9	L	44 5B4						688.7	9.9	9.8	167.9	353.3
695.1	L	45 5B4						689.9	9.8	10.0	167.9	353.8
697.7	S			CS2			75. 185.	692.4	9.8	10.5	167.8	354.8
698.2	L	46 5B4						692.9	9.8	10.7	167.7	355.0

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
699.1	P		2601	2.							693.8	9.8	10.8	167.7	355.4
700.1	L	47 5B4									694.7	9.8	11.1	167.7	355.8
700.6	P		2602	1.							695.2	9.7	11.2	167.6	356.0
701.9	P		2603	2.							696.5	9.7	11.4	167.6	356.5
702.6	L	48 4E4									697.2	9.7	11.6	167.5	356.8
703.1	P		2604	1.							697.7	9.7	11.7	167.5	357.0
703.5	S				CS2				58.	185.	698.1	9.7	11.8	167.5	357.1
703.6	L	49 4G0									698.2	9.7	11.8	167.5	357.2
704.1	P		2605	1.							698.7	9.7	11.9	167.5	357.4
704.5	L	50 4E1									699.0	9.7	12.0	167.5	357.5
705.1	L	51 4G0									699.6	9.7	12.1	167.4	357.8
705.2	P		2606	1.							699.8	9.7	12.2	167.4	357.8
705.9	L	52 4E1									700.4	9.7	12.3	167.4	358.1
706.9	P		2607	2.							701.4	9.7	12.5	167.3	358.5
708.9	P		2608	2.							703.3	9.7	13.0	167.2	359.3
710.3	P		2609	1.							704.8	9.7	13.3	167.2	359.9
710.8	L	53 4D0									705.2	9.7	13.4	167.2	.1
711.1	S				CS2				69.	185.	705.5	9.7	13.5	167.1	.2
711.8	P		2610	2.							706.2	9.7	13.6	167.1	.5
713.4	P		2611	1.							707.7	9.7	14.0	167.0	1.1
714.0	L	54 4D5									708.3	9.7	14.1	167.0	1.4
715.0	P		2612	2.							709.3	9.7	14.3	167.0	1.8
716.6	P		2613	1.							710.8	9.7	14.7	166.9	2.4
717.2	L	55 4E1									711.4	9.7	14.8	166.9	2.6
717.4	S				CS2				71.	185.	711.6	9.7	14.9	166.9	2.7
718.2	P		2614	2.							712.4	9.7	15.1	166.8	3.0
718.7	L	56 5B4									712.9	9.7	15.2	166.8	3.2
723.1	S				CS2				68.	185.	717.2	9.8	16.2	166.6	5.0
729.2	S				CS2				56.	185.	723.1	9.9	17.6	166.3	7.5
730.2	P		2615	2.							724.1	10.0	17.8	166.3	7.9
731.2	L	57 5B4									725.0	10.0	18.1	166.2	8.3
732.2	P		2616	2.							726.0	10.0	18.3	166.2	8.7
734.2	P		2617	2.							728.0	10.1	18.8	166.1	9.5
734.6	S				CS2				72.	185.	728.3	10.1	18.9	166.1	9.6
735.9	P		2618	1.							729.6	10.2	19.2	166.0	10.2
736.6	L	58 4E1									730.3	10.2	19.3	166.0	10.4
737.1	P		2619	1.							730.8	10.2	19.5	166.0	10.6
738.5	P		2620	2.							732.1	10.3	19.8	165.9	11.2
739.3	L	59 4C7									732.9	10.3	20.0	165.9	11.5
740.3	P		2621	2.							733.9	10.4	20.2	165.8	11.9
740.7	S				CS2				78.	185.	734.3	10.4	20.3	165.8	12.1
742.0	P		2622	1.							735.5	10.5	20.6	165.7	12.6

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	GEOCHM INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
742.6	L	60 4D0									736.1	10.5	20.8	165.7	12.8
743.1	P		2623	1.							736.6	10.5	20.9	165.7	13.0
743.6	L	61 4A0									737.1	10.6	21.0	165.7	13.2
744.4	S				CS2				74.	185.	737.8	10.6	21.2	165.6	13.6
744.6	P		2624	2.							738.0	10.6	21.3	165.6	13.6
750.7	S				CS2				71.	185.	743.9	11.0	22.7	165.3	16.1
754.1	L	62 5B4									747.2	11.3	23.6	165.2	17.5
756.5	S				CS2				65.	185.	749.6	11.5	24.2	165.1	18.4
761.0	S				CS2				77.	185.	753.9	11.8	25.3	164.9	20.2
764.4	L	63 5D6									757.2	12.2	26.1	164.7	21.6
764.4	R										757.2	12.2	26.1	164.7	21.6
766.5	S				CS2				74.	185.	759.2	12.4	26.6	164.7	21.0
771.1	S				CS2				51.	185.	763.6	12.8	27.8	164.6	19.6
774.8	L	64 5B4									767.2	13.1	28.7	164.6	18.4
776.9	L	65 5B6									769.2	13.3	29.2	164.5	17.8
777.4	S				CS2				72.	185.	769.7	13.3	29.3	164.5	17.6
783.6	S				CS2				71.	185.	775.7	13.8	30.9	164.4	15.8
788.1	S					E					780.0	14.1	32.1	164.4	14.4
791.0	L	66 5D6									782.8	14.3	32.9	164.4	13.5
791.0	S				CS2				69.	185.	782.8	14.3	32.9	164.4	13.5
797.5	S				CS2				78.	185.	789.1	14.7	34.6	164.3	11.5
801.2	S					3					792.6	14.9	35.6	164.2	10.4
801.6	L	67 5B4									793.0	14.9	35.7	164.2	10.3
802.6	L	68 5B6									794.0	14.9	35.9	164.2	10.0
803.7	S				CS2				70.	185.	795.0	15.0	36.2	164.2	9.6
809.1	L	69 5D6									800.2	15.2	37.7	164.1	8.0
810.6	S				CS2				53.	185.	801.7	15.3	38.1	164.1	7.5
810.9	L	70 5D6									802.0	15.3	38.2	164.1	7.4
812.3	L	71 5A*									803.3	15.3	38.6	164.1	7.0
817.6	S				CS2				80.	185.	808.4	15.5	40.0	164.0	5.4
822.6	S				CS2				61.	185.	813.2	15.6	41.4	163.9	3.9
829.9	L	72 5A1									820.2	15.7	43.4	163.8	1.7
831.8	S				CS2				70.	185.	822.0	15.7	43.9	163.8	1.1
832.4	L	73 3D4									822.6	15.7	44.1	163.8	.9
832.8	L	74 0C0									823.0	15.7	44.2	163.8	.8
836.5	S				CS2				41.	185.	826.6	15.7	45.2	163.8	359.6
836.6	S					S					826.7	15.7	45.3	163.8	359.6
836.8	L	75 3D4									826.9	15.7	45.3	163.7	359.6

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
840.6	R										830.5	15.7	46.4	163.7	358.4
844.3	L	76 0B0									834.0	15.7	47.4	163.7	358.4
844.3	R										834.0	15.7	47.4	163.7	358.4

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
699.1	2601	0.	0.	.09	.11	.20	-.50	.03	2.89	-.500	-.50	-.50	0.
700.6	2602	1.0	102.9	9.85	5.11	14.96	-.50	.11	11.04	-.500	-.50	-.50	0.
701.9	2603	1.5	61.4	3.68	3.59	7.27	-.50	.20	8.67	-.500	-.50	-.50	0.
703.1	2604	1.0	95.3	5.88	6.99	12.87	-.50	.09	39.42	-.500	-.50	-.50	0.
704.1	2605	1.0	41.2	2.46	3.01	5.47	-.50	.29	10.36	-.500	-.50	-.50	0.
705.2	2606	1.3	36.7	1.73	3.51	5.24	-.50	.21	17.33	-.500	-.50	-.50	0.
706.9	2607	2.0	51.1	5.02	1.97	6.99	-.50	.15	4.08	-.500	-.50	-.50	0.
708.9	2608	2.0	28.5	1.92	.96	2.88	-.50	.29	.20	-.500	-.50	-.50	0.
710.3	2609	.9	7.2	.57	.96	1.53	-.50	.27	.26	-.500	-.50	-.50	0.
711.8	2610	2.0	1.4	.07	.24	.31	-.50	.16	.20	-.500	-.50	-.50	0.
713.4	2611	1.2	6.2	.44	.28	.72	-.50	.16	.26	-.500	-.50	-.50	0.
715.0	2612	2.0	54.9	3.26	4.05	7.31	-.50	.26	7.48	-.500	-.50	-.50	0.
716.6	2613	1.2	18.2	.41	.45	.86	-.50	.44	.10	-.500	-.50	-.50	0.
718.2	2614	2.0	0.	.01	.02	.03	-.50	.11	.51	-.500	-.50	-.50	0.
730.2	2615	2.0	0.	.29	.34	.63	-.50	.02	3.23	-.500	-.50	-.50	0.
732.2	2616	2.0	13.0	.52	.38	.90	-.50	.19	.85	-.500	-.50	-.50	0.
734.2	2617	2.0	32.9	2.32	1.74	4.06	-.50	.26	15.97	-.500	-.50	-.50	0.
735.9	2618	1.4	24.7	1.74	1.42	3.16	-.50	.25	5.27	-.500	-.50	-.50	0.
737.1	2619	1.0	4.1	.51	.27	.78	-.50	.09	1.02	-.500	-.50	-.50	0.
738.5	2620	1.7	13.0	1.08	.65	1.73	-.50	.11	2.72	-.500	-.50	-.50	0.
740.3	2621	2.0	36.3	2.04	1.21	3.25	-.50	.15	4.08	-.500	-.50	-.50	0.
742.0	2622	1.3	28.5	1.24	1.44	2.68	-.50	.21	22.09	-.500	-.50	-.50	0.
743.1	2623	1.0	16.8	.26	.30	.56	-.50	.08	.26	-.500	-.50	-.50	0.
744.6	2624	2.0	0.	.04	.02	.06	-.50	.01	.57	-.500	-.50	-.50	0.

FINISHED -- LENGTH = 844.30 METERS ENTRIES = 391

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

relogged version
10/10/80

***** INPUT FILE = 77X03R.FD *****
***** OUTPUT FILE = 77X03R.TD *****

COLLAR COORDINATES -- EAST: 317898.0 NORTH: 22649048.0 ELEV: 1189.4

---- THE DRILLHOLE DATA FOLLOWS (DEPTHS ARE IN METERS) ----

```
                 1         2         3         4         5         6         7         8
        1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    1   T77X03R  01189.422649048 00317898 METERS
    2   R77X03R      0       180.0    0.  PREDICTED
    3   R77X03R   1887       164.9   42.7 PREDICTED
    4   R77X03R   2527       171.0  190.9 PREDICTED
    5   R77X03R   3624       173.9  188.9 PREDICTED
    6   R77X03R   4721       177.0  178.4 PREDICTED
    7   R77X03R   5919       178.6  178.4 PREDICTED
    8   R77X03R   6120       174.4  358.4 PREDICTED
    9   R77X03R   6882       168.2  351.0 PREDICTED
   10   R77X03R   7644       164.7   21.6 PREDICTED
   11   R77X03R   8406       163.7  358.4 PREDICTED
   12   R77X03R   8443       163.7  358.4 PREDICTED
   13   L77X03R  00000 00019 01 #
   14   L77X03R  00019 00271 02 5D3
   15   L77X03R  00271 00500 03 5B0
   16   L77X03R  00500 00585 04 5D3
   17   L77X03R  00585 00625 05 5B0
   18   L77X03R  00625 00636 06 5D3
   19   L77X03R  00636 00677 07 5B0
   20   L77X03R  00677 00724 08 5D3
   21   L77X03R  00724 00763 09 5C0
   22   L77X03R  00763 00855 10 5C8
   23   L77X03R  00855 00904 11 5C0
   24   L77X03R  00904 00972 12 5D3
   25   L77X03R  00972 01100 13 5C0
   26   L77X03R  01100 01141 14 5D3
   27   L77X03R  01141 01195 15 5B0
   28   L77X03R  01195 01245 16 5D3
   29   L77X03R  01245 01333 17 5B0
   30   L77X03R  01333 01468 18 5D3
   31   L77X03R  01468 01501 19 5C3
   32   L77X03R  01501 01591 20 5D3
   33   L77X03R  01591 04308 21 5B0
   34   L77X03R  04426 04525 22 5D3
   35   L77X03R  04525 04658 23 5B6
        1.....1.....2.....3.....4.....5.....6.....7.....8
                 0     0     0     0     0     0     0     0
```

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   36  L77X03R  04658 04813 24 5B0
   37  L77X03R  04813 04868 25 5D3
   38  L77X03R  04868 05004 26 5B6
   39  L77X03R  05004 05136 27 5B0
   40  L77X03R  05136 05202 28 5D3
   41  L77X03R  05202 05341 29 5B0
   42  L77X03R  05341 05379 30 5B6
   43  L77X03R  05379 05418 31 5G0
   44  L77X03R  05418 05485 32 5B0
   45  L77X03R  05485 05589 33 5B0
   46  L77X03R  05589 05855 34 5B6
   47  L77X03R  05855 05901 35 5B0
   48  L77X03R  05901 06198 36 5B6
   49  L77X03R  06198 06238 37 5B0
   50  L77X03R  06238 06329 38 5B2
   51  L77X03R  06329 06472 39 5B6
   52  L77X03R  06472 06517 40 5B6
   53  L77X03R  06517 06821 41 5A0
   54  L77X03R  06821 06860 42 4L1
   55  L77X03R  06860 06888 43 4L6
   56  L77X03R  06888 06910 44 4L3
   57  L77X03R  06910 06940 45 5D9
   58  L77X03R  06940 06951 46 4L1
   59  L77X03R  06951 06982 47 4L6
   60  L77X03R  06982 07001 48 4L1
   61  L77X03R  07001 07026 49 4E8
   62  L77X03R  07026 07036 50 4G1
   63  L77X03R  07036 07045 51 4E1
   64  L77X03R  07045 07051 52 4G0
   65  L77X03R  07051 07059 53 4E1
   66  L77X03R  07059 07100 54 4K6
   67  L77X03R  07100 07108 55 4C7
   68  L77X03R  07108 07138 56 4A0
   69  L77X03R  07138 07154 57 4G0
   70  L77X03R  07154 07162 58 4C0
   71  L77X03R  07162 07172 59 4E8
   72  L77X03R  07172 07189 60 4L3
   73  L77X03R  07189 07268 61 4L6
   74  L77X03R  07268 07280 62 5A0
   75  L77X03R  07280 07283 63 4L0
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.........0.........0.........0.........0.........0.........0.........0.........0.
 76   L77X03R  07283 07294 64 4L1
 77   L77X03R  07294 07302 65 4L7
 78   L77X03R  07302 07309 66 4A0
 79   L77X03R  07309 07312 67 4B0
 80   L77X03R  07312 07369 68 4E1
 81   L77X03R  07369 07373 69 4A0
 82   L77X03R  07373 07388 70 4L3
 83   L77X03R  07388 07414 71 4C7
 84   L77X03R  07414 07426 72 4G0
 85   L77X03R  07426 07432 73 4A0
 86   L77X03R  07432 07438 74 4C5
 87   L77X03R  07438 07455 75 4L1
 88   L77X03R  07455 07747 76 4L6
 89   L77X03R  07747 07791 77 5D0
 90   L77X03R  07791 08038 78 5D0
 91   L77X03R  08038 08048 79 4L7
 92   L77X03R  08048 08109 80 4L7
 93   L77X03R  08109 08123 81 5AX
 94   L77X03R  08123 08299 72 5A1
 95   L77X03R  08299 08324 73 3D4
 96   L77X03R  08324 08328 74 0C0
 97   L77X03R  08328 08368 75 3D4
 98   L77X03R  08368 08443 76 0B0
 99   S77X03R        00082 CS2        65185
100   S77X03R        00152 CS2        79185
101   S77X03R        00207 CS2        79185
102   S77X03R        00335 CS2  77005  76185
103   S77X03R        00368     3
104   S77X03R        00396 CS2        75185
105   S77X03R        00454 CS2        80185
106   S77X03R        00474     E
107   S77X03R        00543 CS2        75185
108   S77X03R        00597 CS2        78185
109   S77X03R        00660 CS2        69185
110   S77X03R        00661 CS2  60185  83185
111   S77X03R        00671     3
112   S77X03R        00704 CS2        79185
113   S77X03R        00789 CS2        84185
114   S77X03R        00878 CS2        60185
115   S77X03R        00932 CS2        79185
      1.........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

116	S77X03R	00950	E			
117	S77X03R	01000	CS2		69185	
118	S77X03R	01064	CS2		74185	
119	S77X03R	01116	CS2		80185	
120	S77X03R	01183	CS2		79185	
121	S77X03R	01253	CS2		76185	
122	S77X03R	01343	CS2		84185	
123	S77X03R	01366	CS2	66185	75185	
124	S77X03R	01370	3			
125	S77X03R	01414	CS2		66185	
126	S77X03R	01478	CS2		68185	
127	S77X03R	01538	CS2		68185	
128	S77X03R	01550	E			
129	S77X03R	01579	CS2		72185	
130	S77X03R	01614	CS2	86005	76185	
131	S77X03R	01677	3			
132	S77X03R	01683	CS2		73185	
133	S77X03R	01707	CS2	79005	78185	
134	S77X03R	01744	CS2	54185	68185	
135	S77X03R	01832	CS2		75185	
136	S77X03R	01905	CS2		64185	
137	S77X03R	01969	CS2		76185	
138	S77X03R	02097	CS2		65185	
139	S77X03R	02132	E			
140	S77X03R	02173	CS2		70185	
141	S77X03R	02240	CS2		77185	
142	S77X03R	02304	CS2		67185	
143	S77X03R	02353	CS2		70185	
144	S77X03R	02426	CS2		62185	
145	S77X03R	02493	CS2		74185	
146	S77X03R	02560	CS2		65185	
147	S77X03R	02618	CS2	77275	77185	
148	S77X03R	02694	CS2		83185	
149	S77X03R	02765	CS2	90	80185	
150	S77X03R	02771	3			
151	S77X03R	02829	CS2		85185	
152	S77X03R	02883	CS2	90	76185	
153	S77X03R	02929	CS2	90	78185	
154	S77X03R	02977	E			
155	S77X03R	03018	CS2	84095	80185	

0 0 0 0 0 0 0 0

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

156	S77X03R	03079	CS2		82185	
157	S77X03R	03143	CS2		73185	
158	S77X03R	03204	CS2		74185	
159	S77X03R	03249	CS2		70185	
160	S77X03R	03347	CS2		73185	
161	S77X03R	03430		3		
162	S77X03R	03438	CS2		70185	
163	S77X03R	03520	CS2		75185	
164	S77X03R	03563	CS2	80005	80185	
165	S77X03R	03620	CS2		60185	
166	S77X03R	03682	CS2		80185	
167	S77X03R	03748	CS2	E	65185	
168	S77X03R	03795	CS2		70185	
169	S77X03R	03851	CS2		80185	
170	S77X03R	03891		3		
171	S77X03R	03908	CS2		75185	
172	S77X03R	03963	CS2		70185	
173	S77X03R	04026	CS2		70185	
174	S77X03R	04088	CS2		70185	
175	S77X03R	04140	CS2		70185	
176	S77X03R	04150		E		
177	S77X03R	04176		3		
178	S77X03R	04197	CS2		70185	
179	S77X03R	04250	PS2		80185	
180	S77X03R	04307	CS2		60185	
181	S77X03R	04368	CS2		80185	
182	S77X03R	04429	CS2		70185	
183	S77X03R	04476		E		
184	S77X03R	04490	CS2		70185	
185	S77X03R	04506		3		
186	S77X03R	04551	CS2		65185	
187	S77X03R	04618	CS2		80185	
188	S77X03R	04679	CS2		70185	
189	S77X03R	04740	CS2		85185	
190	S77X03R	04794		E		
191	S77X03R	04801	CS2		70185	
192	S77X03R	04868	CS2		90185	
193	S77X03R	04923	CS2		80185	
194	S77X03R	04983	CS2		70185	
195	S77X03R	05002		E		

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1       2       3       4       5       6       7       8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  196 S77X03R       05044 CS2       80185
  197 S77X03R       05105 CS2       70185
  198 S77X03R       05114     3
  199 S77X03R       05166 CS2       80185
  200 S77X03R       05227 CS2       70185
  201 S77X03R       05288 CS2       70185
  202 S77X03R       05349 CS2       65185
  203 S77X03R       05403     E
  204 S77X03R       05415 CS2       80185
  205 S77X03R       05471 CS2       85185
  206 S77X03R       05532 CS2       80185
  207 S77X03R       05593 CS2       70185
  208 S77X03R       05619     3
  209 S77X03R       05649 CS2       50185
  210 S77X03R       05715 CS2       60185
  211 S77X03R       05726     E
  212 S77X03R       05774 CS2       70185
  213 S77X03R       05832 CS2       54185
  214 S77X03R       05895 CS2       54185
  215 S77X03R       05918     3
  216 S77X03R       05959 CS2       72185
  217 S77X03R       06010 CS2       62185
  218 S77X03R       06070 CS2       62185
  219 S77X03R       06130 CS2       48185
  220 S77X03R       06149     E
  221 S77X03R       06190 CS2       67185
  222 S77X03R       06250 CS2       66185
  223 S77X03R       06285     3
  224 S77X03R       06310 CS2       69185
  225 S77X03R       06374 CS2       45185
  226 S77X03R       06430 CS2       65185
  227 S77X03R       06490 CS2       68185
  228 S77X03R       06501     E
  229 S77X03R       06550 CS2       74185
  230 S77X03R       06610 CS2       60185
  231 S77X03R       06670 CS2       59185
  232 S77X03R       06739 CS2       62185
  233 S77X03R       06796 CS2       52185
  234 S77X03R       06821     3
  235 S77X03R       06840 CS2       58185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0       0       0       0       0       0       0       0
```

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  236  S77X03R        06914 CS2        65185
  237  S77X03R        06977 CS2        75185
  238  S77X03R        07035 CS2        58185
  239  S77X03R        07111 CS2        69185
  240  S77X03R        07174 CS2        71185
  241  S77X03R        07231 CS2        68185
  242  S77X03R        07292 CS2        56185
  243  S77X03R        07346 CS2        72185
  244  S77X03R        07407 CS2        78185
  245  S77X03R        07444 CS2        74185
  246  S77X03R        07507 CS2        71185
  247  S77X03R        07565 CS2        65185
  248  S77X03R        07610 CS2        77185
  249  S77X03R        07665 CS2        74185
  250  S77X03R        07711 CS2        51185
  251  S77X03R        07774 CS2        72185
  252  S77X03R        07836 CS2        71185
  253  S77X03R        07881     E
  254  S77X03R        07910 CS2        69185
  255  S77X03R        07975 CS2        78185
  256  S77X03R        08012     3
  257  S77X03R        08037 CS2        70185
  258  S77X03R        08106 CS2        53185
  259  S77X03R        08176 CS2        80185
  260  S77X03R        08226 CS2        61185
  261  S77X03R        08318 CS2        70185
  262  S77X03R        08365 CS2        41185
  263  S77X03R        08366     S
  264  P77X03R  06981 07001 002601
  265  P77X03R  07001 07011 002602
  266  P77X03R  07011 07026 002603
  267  P77X03R  07026 07036 002604
  268  P77X03R  07036 07046 002605
  269  P77X03R  07046 07059 002606
  270  P77X03R  07059 07079 002607
  271  P77X03R  07079 07099 002608
  272  P77X03R  07099 07108 002609
  273  P77X03R  07108 07128 002610
  274  P77X03R  07128 07140 002611
  275  P77X03R  07140 07160 002612
       1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  276  P77X03R  07160 07172 002613
  277  P77X03R  07172 07192 002614
  278  P77X03R  07292 07312 002615
  279  P77X03R  07312 07332 002616
  280  P77X03R  07332 07352 002617
  281  P77X03R  07352 07366 002618
  282  P77X03R  07366 07376 002619
  283  P77X03R  07376 07393 002620
  284  P77X03R  07393 07413 002621
  285  P77X03R  07413 07426 002622
  286  P77X03R  07426 07436 002623
  287  P77X03R  07436 07456 002624
  288  A77X03R  698.1700.1   2601 0.0   0000 0.09  011   20 -.50.03 289-.5 -.5 -.5 -
  289  A77X03R  700.1701.1   2602 1.0   1029 9.85  511 1496 -.50.111104-.5 -.5 -.5 -
  290  A77X03R  701.1702.6   2603 1.5    614 3.68  359  727 -.50.20 867-.5 -.5 -.5 -
  291  A77X03R  702.6703.6   2604 1.0    953 5.88  699 1287 -.50.093942-.5 -.5 -.5 -
  292  A77X03R  703.6704.6   2605 1.0    412 2.46  301  547 -.50.291036-.5 -.5 -.5 -
  293  A77X03R  704.6705.9   2606 1.3    367 1.73  351  524 -.50.211733-.5 -.5 -.5 -
  294  A77X03R  705.9707.9   2607 2.0    511 5.02  197  699 -.50.15 408-.5 -.5 -.5 -
  295  A77X03R  707.9709.9   2608 2.0    285 1.92  096  288 -.50.29 020-.5 -.5 -.5 -
  296  A77X03R  709.9710.8   2609 0.9     72 0.57  096  153 -.50.27 026-.5 -.5 -.5 -
  297  A77X03R  710.8712.8   2610 2.0     14 0.07  024   31 -.50.16 020-.5 -.5 -.5 -
  298  A77X03R  712.8714.0   2611 1.2     62 0.44  028   72 -.50.16 026-.5 -.5 -.5 -
  299  A77X03R  714.0716.0   2612 2.0    549 3.26  405  731 -.50.26 748-.5 -.5 -.5 -
  300  A77X03R  716.0717.2   2613 1.2    182 0.41  045   86 -.50.44 010-.5 -.5 -.5 -
  301  A77X03R  717.2719.2   2614 2.0   0000 0.01  002    3 -.50.11 051-.5 -.5 -.5 -
  302  A77X03R  729.2731.2   2615 2.0   0000 0.29  034   63 -.50.02 323-.5 -.5 -.5 -
  303  A77X03R  731.2733.2   2616 2.0    130 0.52  038   90 -.50.19 085-.5 -.5 -.5 -
  304  A77X03R  733.2735.2   2617 2.0    329 2.32  174  406 -.50.261597-.5 -.5 -.5 -
  305  A77X03R  735.2736.6   2618 1.4    247 1.74  142  316 -.50.25 527-.5 -.5 -.5 -
  306  A77X03R  736.6737.6   2619 1.0     41 0.51  027   78 -.50.09 102-.5 -.5 -.5 -
  307  A77X03R  737.6739.3   2620 1.7    130 1.08  065  173 -.50.11 272-.5 -.5 -.5 -
  308  A77X03R  739.3741.3   2621 2.0    363 2.04  121  325 -.50.15 408-.5 -.5 -.5 -
  309  A77X03R  741.3742.6   2622 1.3    285 1.24  144  268 -.50.212209-.5 -.5 -.5 -
  310  A77X03R  742.6743.6   2623 1.0    168 0.26  030   56 -.50.08 026-.5 -.5 -.5 -
  311  A77X03R  743.6745.6   2624 2.0   0000 0.04  002    6 -.50.01 057-.5 -.5 -.5 -
       1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
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****
* DDH: 77X03R * CORRECTION OF DRILLHOLE DATA TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

SUMMARY OF DATA INPUT FROM FILE: 77X03R.FD

RECORDS READ = 311 RELEASED TO SORT 401
TYPE-L = 86
TYPE-P = 24
TYPE-R = 11
TYPE-S = 165
TYPE-M = 0
TYPE-A = 48
TYPE-V = 24
TYPE-X 42 (GENERATED TO DEPTH: 840.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 844.3 METERS

SUMMARY OF THE DRILLHOLE SURVEY CORRECTIONS FILE: 77X03R.FD

SECTION	DEPTH, METERS	AZIMUTH	ZENITH ANGLE
1	0. - 188.7	0. - 42.7	180.0 - 164.9
2	188.7 - 252.7	42.7 - 190.9	164.9 - 171.0
HOLE ASSUMED VERTICAL AT DEPTH 226.75			
3	252.7 - 362.4	190.9 - 188.9	171.0 - 173.9
4	362.4 - 472.1	188.9 - 178.4	173.9 - 177.0
5	472.1 - 591.9	178.4 - 178.4	177.0 - 178.6
6	591.9 - 612.0	178.4 - 358.4	178.6 - 174.4
HOLE ASSUMED VERTICAL AT DEPTH 591.81			
7	612.0 - 688.2	358.4 - 351.0	174.4 - 168.2
8	688.2 - 764.4	351.0 - 21.6	168.2 - 164.7
9	764.4 - 840.6	21.6 - 358.4	164.7 - 163.7
10	840.6 - 844.3	358.4 - 358.4	163.7 - 163.7

FINISHED -- BOREHOLE LENGTH = 844.30 METERS
FILE SIZE = 401

****
* DDH: 77X03R *
****
* CSTS FILE: 77X03R.TD *
****

SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R							0.	0.	0.	180.0	0.
1.9	L	01 #						1.9	.0	.0	179.8	.4
8.2	S			CS2			65. 185.	8.2	.0	.0	179.5	1.9
15.2	S			CS2			79. 185.	15.2	.0	.2	178.8	3.4
20.7	S			CS2			79. 185.	20.7	.0	.3	178.3	4.7
27.1	L	02 503						27.1	.0	.5	177.8	6.1
33.5	S			CS2		77. 5.	76. 185.	33.5	.1	.8	177.3	7.6
36.8	S				3			36.8	.1	.9	177.1	8.3
39.6	S			CS2			75. 185.	39.6	.1	1.1	176.8	9.0
45.4	S			CS2			80. 185.	45.4	.2	1.4	176.4	10.3
47.4	S				E			47.4	.2	1.6	176.2	10.7
50.0	L	03 580						50.0	.2	1.7	176.0	11.3
54.3	S			CS2			75. 185.	54.2	.3	2.0	175.7	12.3
58.5	L	04 503						58.4	.4	2.4	175.3	13.2
59.7	S			CS2			78. 185.	59.6	.4	2.5	175.2	13.5
62.5	L	05 580						62.4	.4	2.7	175.0	14.1
63.6	L	06 503						63.5	.5	2.8	174.9	14.4
66.0	S			CS2			69. 185.	65.9	.5	3.0	174.7	14.9
66.1	S			CS2		60. 185.	83. 185.	66.0	.5	3.0	174.7	15.0
67.1	S				3			67.0	.6	3.1	174.6	15.2
67.7	L	07 580						67.6	.6	3.1	174.6	15.3
70.4	S			CS2			79. 185.	70.3	.6	3.4	174.4	15.9
72.4	L	08 503						72.3	.7	3.6	174.2	16.4
76.3	L	09 5C0						76.2	.8	4.0	173.9	17.3
78.9	S			CS2			84. 185.	78.7	.9	4.2	173.7	17.9
85.5	L	10 5C8						85.3	1.1	5.0	173.2	19.3
87.8	S			CS2			60. 185.	87.6	1.2	5.2	173.0	19.9
90.4	L	11 5C0						90.2	1.3	5.5	172.8	20.5
93.2	S			CS2			79. 185.	92.9	1.5	5.9	172.5	21.1
95.0	S				E			94.7	1.6	6.1	172.4	21.5
97.2	L	12 5D3						96.9	1.7	6.3	172.2	22.0
100.0	S			CS2			69. 185.	99.7	1.8	6.7	172.0	22.6
106.4	S			CS2			74. 185.	106.0	2.2	7.5	171.5	24.1
110.0	L	13 5C0						109.6	2.4	8.0	171.2	24.9
111.6	S			CS2			80. 185.	111.1	2.5	8.3	171.1	25.3
114.1	L	14 5D3						113.6	2.7	8.6	170.9	25.8
118.3	S			CS2			79. 185.	117.8	3.0	9.2	170.5	26.8
119.5	L	15 580						118.9	3.1	9.4	170.4	27.0
124.5	L	16 5D3						123.9	3.5	10.2	170.0	28.2

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
125.3	S			CS2			76. 185.	124.7	3.5	10.3	170.0	28.4
133.3	L	17 5B0						132.5	4.2	11.5	169.3	30.2
134.3	S			CS2			84. 185.	133.5	4.3	11.7	169.3	30.4
136.6	S			CS2		66. 185.	75. 185.	135.8	4.5	12.1	169.1	30.9
137.0	S				3			136.2	4.6	12.1	169.0	31.0
141.4	S			CS2			66. 185.	140.5	5.0	12.9	168.7	32.0
146.8	L	18 5D3						145.8	5.6	13.8	168.3	33.2
147.8	S			CS2			68. 185.	146.8	5.7	13.9	168.2	33.4
150.1	L	19 5C3						149.0	6.0	14.3	168.0	34.0
153.8	S			CS2			68. 185.	152.6	6.4	15.0	167.7	34.8
155.0	S				E			153.8	6.6	15.2	167.6	35.1
157.9	S			CS2			72. 185.	156.6	6.9	15.7	167.4	35.7
159.1	L	20 5D3						157.8	7.1	15.9	167.3	36.0
161.4	S			CS2		86. 5.	76. 185.	160.0	7.4	16.3	167.1	36.5
167.7	S				3			166.2	8.3	17.5	166.6	37.9
168.3	S			CS2			73. 185.	166.8	8.3	17.6	166.5	38.1
170.7	S			CS2		79. 5.	78. 185.	169.1	8.7	18.0	166.3	38.6
174.4	S			CS2		54. 185.	68. 185.	172.7	9.2	18.7	166.0	39.5
183.2	S			CS2			75. 185.	181.2	10.7	20.4	165.3	41.5
188.7	R							186.5	11.6	21.4	164.9	42.7
190.5	S			CS2			64. 185.	188.3	11.9	21.7	165.1	46.9
196.9	S			CS2			76. 185.	194.5	12.9	22.9	165.7	61.7
209.7	S			CS2			65. 185.	207.1	14.1	24.6	166.9	91.3
213.2	S				E			210.6	14.3	24.9	167.2	99.4
217.3	S			CS2			70. 185.	214.7	14.5	25.3	167.6	108.9
224.0	S			CS2			77. 185.	221.4	14.7	25.6	168.3	124.4
230.4	S			CS2			67. 185.	227.8	14.7	25.6	168.9	139.3
235.3	S			CS2			70. 185.	232.7	14.6	25.5	169.3	150.6
242.6	S			CS2			62. 185.	239.9	14.5	25.1	170.0	167.5
249.3	S			CS2			74. 185.	246.6	14.3	24.3	170.7	183.0
252.7	R							250.0	14.2	23.9	171.0	190.9
256.0	S			CS2			65. 185.	253.2	14.1	23.4	171.1	190.8
261.8	S			CS2		77. 275.	77. 185.	259.0	14.0	22.5	171.2	190.7
269.4	S			CS2			83. 185.	266.5	13.7	21.4	171.4	190.6
276.5	S			CS2		90. 0.	80. 185.	273.5	13.6	20.5	171.6	190.5
277.1	S				3			274.1	13.5	20.2	171.6	190.5
282.9	S			CS2			85. 185.	279.8	13.4	19.4	171.8	190.3

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* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
288.3	S				CS2		90.	0.	76.	185.	285.2	13.2	18.7	171.9	190.3
292.9	S				CS2		90.	0.	78.	185.	289.7	13.1	18.0	172.1	190.2
297.7	S					E					294.5	13.0	17.4	172.2	190.1
301.8	S				CS2		84.	95.	80.	185.	298.5	12.9	16.9	172.3	190.0
307.9	S				CS2				82.	185.	304.6	12.8	16.1	172.5	189.9
314.3	S				CS2				73.	185.	310.9	12.6	15.2	172.6	189.8
320.4	S				CS2				74.	185.	317.0	12.5	14.5	172.8	189.7
324.9	S				CS2				70.	185.	321.4	12.4	13.9	172.9	189.6
334.7	S				CS2				73.	185.	331.2	12.2	12.7	173.2	189.4
343.0	S					3					339.4	12.1	11.8	173.4	189.3
343.8	S				CS2				70.	185.	340.2	12.0	11.7	173.4	189.2
352.0	S				CS2				75.	185.	348.4	11.9	10.8	173.6	189.1
356.3	S				CS2		80.	5.	80.	185.	352.6	11.8	10.3	173.7	189.0
362.0	S				CS2				60.	185.	358.3	11.7	9.7	173.9	188.9
362.4	R										358.7	11.7	9.7	173.9	188.9
368.2	S				CS2				80.	185.	364.5	11.6	9.1	174.1	188.3
374.8	S				CS2	E			65.	185.	371.0	11.5	8.4	174.3	187.7
379.5	S				CS2				70.	185.	375.7	11.5	7.9	174.4	187.3
385.1	S				CS2				80.	185.	381.3	11.4	7.4	174.5	186.7
389.1	S					3					385.3	11.4	7.0	174.7	186.3
390.8	S				CS2				75.	185.	387.0	11.4	6.9	174.7	186.2
396.3	S				CS2				70.	185.	392.4	11.3	6.4	174.9	185.7
402.6	S				CS2				70.	185.	398.7	11.2	5.8	175.0	185.1
408.8	S				CS2				70.	185.	404.9	11.2	5.3	175.2	184.5
414.0	S				CS2				70.	185.	410.1	11.2	4.9	175.4	184.0
415.0	S					E					411.1	11.2	4.8	175.4	183.9
417.6	S					3					413.7	11.2	4.6	175.5	183.6
419.7	S				CS2				70.	185.	415.8	11.1	4.4	175.5	183.4
425.0	S				PS2				80.	185.	421.0	11.1	4.0	175.7	182.9
430.7	S				CS2				60.	185.	426.7	11.1	3.6	175.8	182.4
430.8	L	21 5B0									426.8	11.1	3.6	175.8	182.4
436.8	S				CS2				80.	185.	432.8	11.1	3.2	176.0	181.8
442.9	S				CS2				70.	185.	438.9	11.1	2.7	176.2	181.2
447.6	S					E					443.6	11.1	2.4	176.3	180.7
449.0	S				CS2				70.	185.	445.0	11.1	2.3	176.3	180.6
450.6	S					3					446.6	11.1	2.2	176.4	180.5
452.5	L	22 5D3									448.5	11.1	2.1	176.4	180.3
455.1	S				CS2				65.	185.	451.1	11.1	2.0	176.5	180.0
461.8	S				CS2				80.	185.	457.8	11.1	1.6	176.7	179.4

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
465.8	L	23 SB6						461.8	11.1	1.3	176.8	179.0
467.9	S			CS2			70. 185.	463.8	11.1	1.2	176.9	178.8
472.1	R							468.0	11.1	1.0	177.0	178.4
474.0	S			CS2			85. 185.	469.9	11.1	.9	177.0	178.4
479.4	S				E			475.3	11.1	.6	177.1	178.4
480.1	S			CS2			70. 185.	476.0	11.1	.6	177.1	178.4
481.3	L	24 SB0						477.2	11.1	.5	177.1	178.4
486.8	L	25 SD3						482.7	11.1	.3	177.2	178.4
486.8	S			CS2			90. 185.	482.7	11.1	.3	177.2	178.4
492.3	S			CS2			80. 185.	488.2	11.1	-.0	177.3	178.4
498.3	S			CS2			70. 185.	494.2	11.1	-.3	177.3	178.4
500.2	S				E			496.1	11.1	-.4	177.4	178.4
500.4	L	26 SB6						496.3	11.1	-.4	177.4	178.4
504.4	S			CS2			80. 185.	500.3	11.1	-.6	177.4	178.4
510.5	S			CS2			70. 185.	506.4	11.1	-.8	177.5	178.4
511.4	S				3			507.3	11.1	-.9	177.5	178.4
513.6	L	27 SB0						509.5	11.1	-1.0	177.6	178.4
516.6	S			CS2			80. 185.	512.5	11.1	-1.1	177.6	178.4
520.2	L	28 SD3						516.1	11.1	-1.2	177.6	178.4
522.7	S			CS2			70. 185.	518.6	11.1	-1.3	177.7	178.4
528.8	S			CS2			70. 185.	524.7	11.2	-1.6	177.8	178.4
534.1	L	29 SB0						530.0	11.2	-1.8	177.8	178.4
534.9	S			CS2			65. 185.	530.8	11.2	-1.8	177.8	178.4
537.9	L	30 SB6						533.8	11.2	-1.9	177.9	178.4
540.3	S				E			536.2	11.2	-2.0	177.9	178.4
541.5	S			CS2			80. 185.	537.4	11.2	-2.1	177.9	178.4
541.8	L	31 SG0						537.7	11.2	-2.1	177.9	178.4
547.1	S			CS2			85. 185.	543.0	11.2	-2.3	178.0	178.4
548.5	L	32 SB0						544.4	11.2	-2.3	178.0	178.4
553.2	S			CS2			80. 185.	549.1	11.2	-2.5	178.1	178.4
558.9	L	33 SB0						554.8	11.2	-2.7	178.2	178.4
559.3	S			CS2			70. 185.	555.2	11.2	-2.7	178.2	178.4
561.9	S				3			557.8	11.2	-2.8	178.2	178.4
564.9	S			CS2			50. 185.	560.8	11.2	-2.8	178.2	178.4
571.5	S			CS2			60. 185.	567.4	11.2	-3.0	178.3	178.4
572.6	S				E			568.5	11.2	-3.1	178.3	178.4
577.4	S			CS2			70. 185.	573.3	11.2	-3.2	178.4	178.4
583.2	S			CS2			54. 185.	579.1	11.2	-3.4	178.5	178.4
585.5	L	34 SB6						581.4	11.2	-3.4	178.5	178.4

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
589.5	S				CS2				54.	185.	585.3	11.2	-3.5	178.6	178.4
590.1	L	35 580									585.9	11.2	-3.5	178.6	178.4
591.8	S					3					587.6	11.2	-3.6	178.6	178.4
591.9	R										587.7	11.2	-3.6	178.6	178.4
595.9	S				CS2				72.	185.	591.7	11.2	-3.6	177.8	214.2
601.0	S				CS2				62.	185.	596.8	11.2	-3.6	176.7	259.9
607.0	S				CS2				62.	185.	602.8	11.2	-3.3	175.4	313.6
612.0	R										607.8	11.2	-2.9	174.4	358.4
613.0	S				CS2				48.	185.	608.8	11.2	-2.8	174.3	358.3
614.9	S					E					610.7	11.2	-2.6	174.2	358.1
619.0	S				CS2				67.	185.	614.8	11.2	-2.2	173.8	357.7
619.8	L	36 586									615.6	11.2	-2.1	173.8	357.6
623.8	L	37 580									619.6	11.1	-1.6	173.4	357.3
625.0	S				CS2				66.	185.	620.7	11.1	-1.5	173.3	357.1
628.5	S					3					624.2	11.1	-1.1	173.1	356.8
631.0	S				CS2				69.	185.	626.7	11.1	-.8	172.9	356.6
632.9	L	38 582									628.6	11.1	-.5	172.7	356.4
637.4	S				CS2				45.	185.	633.1	11.0	.1	172.3	355.9
643.0	S				CS2				65.	185.	638.6	11.0	.8	171.9	355.4
647.2	L	39 586									642.8	10.9	1.4	171.5	355.0
649.0	S				CS2				68.	185.	644.5	10.9	1.7	171.4	354.8
650.1	S					E					645.6	10.9	1.9	171.3	354.7
651.7	L	40 586									647.2	10.9	2.1	171.2	354.5
655.0	S				CS2				74.	185.	650.5	10.8	2.6	170.9	354.2
661.0	S				CS2				60.	185.	656.4	10.7	3.6	170.4	353.6
667.0	S				CS2				59.	185.	662.3	10.6	4.6	169.9	353.1
673.9	S				CS2				62.	185.	669.1	10.4	5.8	169.4	352.4
679.6	S				CS2				52.	185.	674.7	10.3	6.9	168.9	351.8
682.1	L	41 5A0									677.1	10.2	7.4	168.7	351.6
682.1	S					3					677.1	10.2	7.4	168.7	351.6
684.0	S				CS2				58.	185.	679.0	10.2	7.7	168.5	351.4
686.0	L	42 4L1									681.0	10.1	8.1	168.4	351.2

****
* DDH: 77X03R *
****
* CSTS FILE: 77X03R.TD *
****

SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
688.2	R								683.1	10.0	8.6	168.2	351.0
688.8	L	43 4L6							683.7	10.0	8.7	168.2	351.2
691.0	L	44 4L3							685.9	10.0	9.2	168.1	352.1
691.4	S				CS2			65. 185.	686.2	9.9	9.2	168.1	352.3
694.0	L	45 5D9							688.8	9.9	9.8	167.9	353.3
695.1	L	46 4L1							689.9	9.8	10.0	167.9	353.8
697.7	S				CS2			75. 185.	692.4	9.8	10.5	167.8	354.8
698.2	L	47 4L6							692.9	9.8	10.7	167.7	355.0
699.1	P		2601	2.					693.8	9.8	10.8	167.7	355.4
700.1	L	48 4L1							694.7	9.8	11.1	167.7	355.8
700.6	P		2602	1.					695.2	9.7	11.2	167.6	356.0
701.9	P		2603	2.					696.5	9.7	11.4	167.6	356.5
702.6	L	49 4E8							697.2	9.7	11.6	167.5	356.8
703.1	P		2604	1.					697.7	9.7	11.7	167.5	357.0
703.5	S				CS2			58. 185.	698.1	9.7	11.8	167.5	357.1
703.6	L	50 4G1							698.2	9.7	11.8	167.5	357.2
704.1	P		2605	1.					698.7	9.7	11.9	167.5	357.4
704.5	L	51 4E1							699.0	9.7	12.0	167.5	357.5
705.1	L	52 4G0							699.6	9.7	12.1	167.4	357.8
705.2	P		2606	1.					699.8	9.7	12.2	167.4	357.8
705.9	L	53 4E1							700.4	9.7	12.3	167.4	358.1
706.9	P		2607	2.					701.4	9.7	12.5	167.3	358.5
708.9	P		2608	2.					703.3	9.7	13.0	167.2	359.3
710.0	L	54 4K6							704.4	9.7	13.2	167.2	359.8
710.3	P		2609	1.					704.8	9.7	13.3	167.2	359.9
710.8	L	55 4C7							705.2	9.7	13.4	167.2	.1
711.1	S				CS2			69. 185.	705.5	9.7	13.5	167.1	.2
711.8	P		2610	2.					706.2	9.7	13.6	167.1	.5
713.4	P		2611	1.					707.7	9.7	14.0	167.0	1.1
713.8	L	56 4A0							708.1	9.7	14.1	167.0	1.3
715.0	P		2612	2.					709.3	9.7	14.3	167.0	1.8
715.4	L	57 4G0							709.7	9.7	14.4	167.0	1.9
716.2	L	58 4C0							710.5	9.7	14.6	166.9	2.2
716.6	P		2613	1.					710.8	9.7	14.7	166.9	2.4
717.2	L	59 4E8							711.4	9.7	14.8	166.9	2.6
717.4	S				CS2			71. 185.	711.6	9.7	14.9	166.9	2.7
718.2	P		2614	2.					712.4	9.7	15.1	166.8	3.0
718.9	L	60 4L3							713.1	9.7	15.2	166.8	3.3
723.1	S				CS2			68. 185.	717.2	9.8	16.2	166.6	5.0

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
726.8	L	61 4L6							720.8	9.9	17.0	166.4	6.5
728.0	L	62 5A0							721.9	9.9	17.3	166.4	7.0
728.3	L	63 4L0							722.2	9.9	17.4	166.4	7.1
729.2	S				CS2			56. 185.	723.1	9.9	17.6	166.3	7.5
729.4	L	64 4L1							723.3	10.0	17.6	166.3	7.5
730.2	L	65 4L7							724.1	10.0	17.8	166.3	7.9
730.2	P		2615	2.					724.1	10.0	17.8	166.3	7.9
730.9	L	66 4A0							724.8	10.0	18.0	166.2	8.1
731.2	L	67 4B0							725.0	10.0	18.1	166.2	8.3
732.2	P		2616	2.					726.0	10.0	18.3	166.2	8.7
734.2	P		2617	2.					728.0	10.1	18.8	166.1	9.5
734.6	S				CS2			72. 185.	728.3	10.1	18.9	166.1	9.6
735.9	P		2618	1.					729.6	10.2	19.2	166.0	10.2
736.9	L	68 4E1							730.6	10.2	19.4	166.0	10.6
737.1	P		2619	1.					730.8	10.2	19.5	166.0	10.6
737.3	L	69 4A0							731.0	10.3	19.5	165.9	10.7
738.5	P		2620	2.					732.1	10.3	19.8	165.9	11.2
738.8	L	70 4L3							732.4	10.3	19.9	165.9	11.3
740.3	P		2621	2.					733.9	10.4	20.2	165.8	11.9
740.7	S				CS2			78. 185.	734.3	10.4	20.3	165.8	12.1
741.4	L	71 4C7							734.9	10.5	20.5	165.8	12.4
742.0	P		2622	1.					735.5	10.5	20.6	165.7	12.6
742.6	L	72 4G0							736.1	10.5	20.8	165.7	12.8
743.1	P		2623	1.					736.6	10.5	20.9	165.7	13.0
743.2	L	73 4A0							736.7	10.5	20.9	165.7	13.1
743.8	L	74 4C5							737.3	10.6	21.1	165.6	13.3
744.4	S				CS2			74. 185.	737.8	10.6	21.2	165.6	13.6
744.6	P		2624	2.					738.0	10.6	21.3	165.6	13.6
745.5	L	75 4L1							738.9	10.7	21.5	165.6	14.0
750.7	S				CS2			71. 185.	743.9	11.0	22.7	165.3	16.1
756.5	S				CS2			65. 185.	749.6	11.5	24.2	165.1	18.4
761.0	S				CS2			77. 185.	753.9	11.8	25.3	164.9	20.2
764.4	R								757.2	12.2	26.1	164.7	21.6
766.5	S				CS2			74. 185.	759.2	12.4	26.6	164.7	21.0
771.1	S				CS2			51. 185.	763.6	12.8	27.8	164.6	19.6
774.7	L	76 4L6							767.1	13.1	28.7	164.6	18.5
777.4	S				CS2			72. 185.	769.7	13.3	29.3	164.5	17.6
779.1	L	77 5D0							771.4	13.5	29.8	164.5	17.1
783.6	S				CS2			71. 185.	775.7	13.8	30.9	164.4	15.8

****
* DDH: 77X03R *
****
* CSTS FILE: 77X03R.TD *
****

SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
788.1	S				E			780.0	14.1	32.1	164.4	14.4
791.0	S			CS2			69. 185.	782.8	14.3	32.9	164.4	13.5
797.5	S			CS2			78. 185.	789.1	14.7	34.6	164.3	11.5
801.2	S				3			792.6	14.9	35.6	164.2	10.4
803.7	S			CS2			70. 185.	795.0	15.0	36.2	164.2	9.6
803.8	L	78 5D0						795.1	15.0	36.3	164.2	9.6
804.8	L	79 4L7						796.1	15.0	36.5	164.2	9.3
810.6	S			CS2			53. 185.	801.7	15.3	38.1	164.1	7.5
810.9	L	80 4L7						802.0	15.3	38.2	164.1	7.4
812.3	L	81 5AX						803.3	15.3	38.6	164.1	7.0
817.6	S			CS2			80. 185.	808.4	15.5	40.0	164.0	5.4
822.6	S			CS2			61. 185.	813.2	15.6	41.4	163.9	3.9
829.9	L	72 5A1						820.2	15.7	43.4	163.8	1.7
831.8	S			CS2			70. 185.	822.0	15.7	43.9	163.8	1.1
832.4	L	73 3D4						822.6	15.7	44.1	163.8	.9
832.8	L	74 0C0						823.0	15.7	44.2	163.8	.8
836.5	S			CS2			41. 185.	826.6	15.7	45.2	163.8	359.6
836.6	S				S			826.7	15.7	45.3	163.8	359.6
836.8	L	75 3D4						826.9	15.7	45.3	163.7	359.6
840.6	R							830.5	15.7	46.4	163.7	358.4
844.3	L	76 0B0						834.0	15.7	47.4	163.7	358.4
844.3	R							834.0	15.7	47.4	163.7	358.4

****
* DDH: 77X03R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****
* CSTS FILE: 77X03R.TD *
****

COLLAR COORDINATES -- EAST: 317898.0 METERS NORTH: 22649048.0 METERS ELEV: 1189.4 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
699.1	2601	0.	0.	.09	.11	.20	-.50	.03	2.89	-.500	-.50	-.50	0.
700.6	2602	1.0	102.9	9.85	5.11	14.96	-.50	.11	11.04	-.500	-.50	-.50	0.
701.9	2603	1.5	61.4	3.68	3.59	7.27	-.50	.20	8.67	-.500	-.50	-.50	0.
703.1	2604	1.0	95.3	5.88	6.99	12.87	-.50	.09	39.42	-.500	-.50	-.50	0.
704.1	2605	1.0	41.2	2.46	3.01	5.47	-.50	.29	10.36	-.500	-.50	-.50	0.
705.2	2606	1.3	36.7	1.73	3.51	5.24	-.50	.21	17.33	-.500	-.50	-.50	0.
706.9	2607	2.0	51.1	5.02	1.97	6.99	-.50	.15	4.08	-.500	-.50	-.50	0.
708.9	2608	2.0	28.5	1.92	.96	2.88	-.50	.29	.20	-.500	-.50	-.50	0.
710.3	2609	.9	7.2	.57	.96	1.53	-.50	.27	.26	-.500	-.50	-.50	0.
711.8	2610	2.0	1.4	.07	.24	.31	-.50	.16	.20	-.500	-.50	-.50	0.
713.4	2611	1.2	6.2	.44	.28	.72	-.50	.16	.26	-.500	-.50	-.50	0.
715.0	2612	2.0	54.9	3.26	4.05	7.31	-.50	.26	7.48	-.500	-.50	-.50	0.
716.6	2613	1.2	18.2	.41	.45	.86	-.50	.44	.10	-.500	-.50	-.50	0.
718.2	2614	2.0	0.	.01	.02	.03	-.50	.11	.51	-.500	-.50	-.50	0.
730.2	2615	2.0	0.	.29	.34	.63	-.50	.02	3.23	-.500	-.50	-.50	0.
732.2	2616	2.0	13.0	.52	.38	.90	-.50	.19	.85	-.500	-.50	-.50	0.
734.2	2617	2.0	32.9	2.32	1.74	4.06	-.50	.26	15.97	-.500	-.50	-.50	0.
735.9	2618	1.4	24.7	1.74	1.42	3.16	-.50	.25	5.27	-.500	-.50	-.50	0.
737.1	2619	1.0	4.1	.51	.27	.78	-.50	.09	1.02	-.500	-.50	-.50	0.
738.5	2620	1.7	13.0	1.08	.65	1.73	-.50	.11	2.72	-.500	-.50	-.50	0.
740.3	2621	2.0	36.3	2.04	1.21	3.25	-.50	.15	4.08	-.500	-.50	-.50	0.
742.0	2622	1.3	28.5	1.24	1.44	2.68	-.50	.21	22.09	-.500	-.50	-.50	0.
743.1	2623	1.0	16.8	.26	.30	.56	-.50	.08	.26	-.500	-.50	-.50	0.
744.6	2624	2.0	0.	.04	.02	.06	-.50	.01	.57	-.500	-.50	-.50	0.

FINISHED -- LENGTH = 844.30 METERS ENTRIES = 401

***** CORRECTED DRILLHOLE DATA WRITTEN TO FILE: 77X03R.TD *****

****

* DDH: 77X03R * PLOT OF CORRECTED DRILLHOLE DATA FILE: 77X03R.TD

relogged version 10/10/00

DATA READ COMPLETED -- CARDS = 377

POINTS = 376 MAX DDH DEPTH = 844.3 METERS
MAX TRUE DEPTH = 834.0 METERS
EASTING: 0. - 15.7 METERS
NORTHING: -3.6 - 47.4 METERS

TYPE C DATA (CONTACTS) ----- 86
TYPE F DATA (PLANES) ------- 135
TYPE P DATA (SAMPLES) ------ 24
TYPE S DATA (SYMMETRY) ----- 31
TYPE X DATA (REF MARKERS) -- 42
TYPE A DATA (SAMPLE MARKERS) 48
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	1.9	01 #	23	465.8	23 5B6	45	694.0	45 5D9	67	731.2	67 4B0
2	27.1	02 5D3	24	481.3	24 5B0	46	695.1	46 4L1	68	736.9	68 4E1
3	50.0	03 5B0	25	486.8	25 5D3	47	698.2	47 4L6	69	737.3	69 4A0
4	58.5	04 5D3	26	500.4	26 5B6	48	700.1	48 4L1	70	738.8	70 4L3
5	62.5	05 5B0	27	513.6	27 5B0	49	702.6	49 4E8	71	741.4	71 4C7
6	63.6	06 5D3	28	520.2	28 5D3	50	703.6	50 4G1	72	742.6	72 4G0
7	67.7	07 5B0	29	534.1	29 5B0	51	704.5	51 4E1	73	743.2	73 4A0
8	72.4	08 5D3	30	537.9	30 5B6	52	705.1	52 4G0	74	743.8	74 4C5
9	76.3	09 5C0	31	541.8	31 5G0	53	705.9	53 4E1	75	745.5	75 4L1
10	85.5	10 5C8	32	548.5	32 5B0	54	710.0	54 4K6	76	774.7	76 4L6
11	90.4	11 5C0	33	558.9	33 5B0	55	710.8	55 4C7	77	779.1	77 5D0
12	97.2	12 5D3	34	585.5	34 5B6	56	713.8	56 4A0	78	803.8	78 5D0
13	110.0	13 5C0	35	590.1	35 5B0	57	715.4	57 4G0	79	804.8	79 4L7
14	114.1	14 5D3	36	619.8	36 5B6	58	716.2	58 4C0	80	810.9	80 4L7
15	119.5	15 5B0	37	623.8	37 5B0	59	717.2	59 4E8	81	812.3	81 5AX
16	124.5	16 5D3	38	632.9	38 5B2	60	718.9	60 4L3	82	829.9	72 5A1
17	133.3	17 5B0	39	647.2	39 5B6	61	726.8	61 4L6	83	832.4	73 3D4
18	146.8	18 5D3	40	651.7	40 5B6	62	728.0	62 5A0	84	832.8	74 0C0
19	150.1	19 5C3	41	682.1	41 5A0	63	728.3	63 4L0	85	836.8	75 3D4
20	159.1	20 5D3	42	686.0	42 4L1	64	729.4	64 4L1	86	844.3	76 0B0
21	430.8	21 5B0	43	688.8	43 4L6	65	730.2	65 4L7			
22	452.5	22 5D3	44	691.0	44 4L3	66	730.9	66 4A0			

```
PROGRAM COMMAND:  PLOTA,1000,015

          **************************
          *     DDH:  77X03R       *    START PLOT NUMBER  1
          **************************

               PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:   -.02 -   1.96 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  32.83 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   844.3 METERS     J =   1 - 376

               MAX PAPER WIDTH REQUIRED:   36.8 INCHES

               X DIMENSION OF PLOT =    8.5  Y DIMENSION OF PLOT =   36.8  ROTATION = T

          *****  PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND:  PLOTB,1000,015

          **************************
          *     DDH:  77X03R       *    START PLOT NUMBER  2
          **************************

               PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:   -.02 -   1.96 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  32.83 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   844.3 METERS     J =   1 - 376

               MAX PAPER WIDTH REQUIRED:   36.8 INCHES

               X DIMENSION OF PLOT =    8.5  Y DIMENSION OF PLOT =   36.8  ROTATION = T
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****
* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.2	179.3	1.9						65.	185.	25.7	185.0	-25.4	.18	.09
15.2	178.8	3.4						79.	185.	12.2	185.0	-12.0	.20	.04
20.7	178.3	4.7						79.	185.	12.7	185.0	-12.5	.20	.04
33.5	177.3	7.6	77.	5.	10.3	5.0	10.1	76.	185.	16.7	185.0	-16.5	.19	.06
39.6	176.8	9.0						75.	185.	18.2	185.0	-17.9	.19	.06
45.4	176.4	10.3						80.	185.	13.6	185.0	-13.4	.19	.05
54.3	175.7	12.3						75.	185.	19.3	185.0	-19.0	.19	.07
59.7	175.2	13.5						78.	185.	16.7	185.0	-16.5	.19	.06
66.0	174.7	14.9						69.	185.	26.2	185.0	-25.9	.18	.09
66.1	174.7	15.0	60.	185.	35.2	185.0	-34.8	83.	185.	12.2	185.0	-12.0	.20	.04
70.4	174.4	15.9						79.	185.	16.4	185.0	-16.2	.19	.06
78.9	173.7	17.9						84.	185.	.3	185.0	-.3	.20	.00
										12.0	185.0	-11.8	.20	.04
87.8	173.0	19.9						60.	185.	36.7	185.0	-36.3	.16	.12
93.2	172.5	21.1						79.	185.	18.0	185.0	-17.8	.19	.06
100.0	172.0	22.6						69.	185.	28.5	185.0	-28.1	.18	.09
106.4	171.5	24.1						74.	185.	23.8	185.0	-23.5	.18	.08
111.6	171.1	25.3						80.	185.	17.9	185.0	-17.6	.19	.06
118.3	170.5	26.8						79.	185.	19.3	185.0	-19.0	.19	.07
125.3	170.0	28.4						76.	185.	22.6	185.0	-22.3	.19	.08
134.3	169.3	30.4						84.	185.	5.8	185.0	-5.7	.20	.02
										13.6	185.0	-13.4	.19	.05
136.6	169.1	30.9	66.	185.	33.4	185.0	-33.0	75.	185.	24.1	185.0	-23.8	.18	.08
141.4	168.7	32.0						66.	185.	33.6	185.0	-33.2	.17	.11
147.8	168.2	33.4						68.	185.	31.7	185.0	-31.3	.17	.10
153.8	167.7	34.8						68.	185.	31.9	185.0	-31.5	.17	.10
157.9	167.4	35.7						72.	185.	27.7	185.0	-27.4	.18	.09
161.4	167.1	36.5	86.	5.				76.	185.	23.4	185.0	-23.1	.18	.08
168.3	166.5	38.1						73.	185.	26.8	185.0	-26.4	.18	.09
170.7	166.3	38.6	79.	5.				78.	185.	2.1	185.0	-2.1	.20	.01
										20.8	185.0	-20.6	.19	.07
174.4	166.0	39.5	54.	185.	46.9	185.0	-46.4	68.	185.	32.2	185.0	-31.8	.17	.11
183.2	165.3	41.5						75.	185.	24.2	185.0	-23.9	.18	.08
190.5	165.1	46.9						64.	185.	35.4	185.0	-35.0	.16	.11
196.9	165.7	61.7						76.	185.	.6	185.0	-.6	.20	.00
										15.4	185.0	-15.1	.19	.05
209.7	166.9	91.3						65.	185.	22.4	185.0	-22.1	.19	.08
217.3	167.6	108.9						70.	185.	13.1	185.0	-12.9	.19	.04
224.0	168.3	124.4						77.	185.	2.3	185.0	-2.3	.20	.01
230.4	168.9	139.3						67.	185.	13.9	185.0	-13.7	.19	.05
235.3	169.3	150.6						70.	185.	10.2	185.0	-10.1	.20	.04

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* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2

****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
242.6	170.0	167.5						62.	185.	18.3	185.0	-18.0	.19	.06
249.3	170.7	183.0						74.	185.	6.7	185.0	-6.6	.20	.02
256.0	171.1	190.8						65.	185.	16.1	185.0	-15.9	.19	.05
261.8	171.2	190.7	77.	275.				77.	185.	4.2	185.0	-4.2	.20	.01
269.4	171.4	190.6						83.	185.					
269.4	171.4	190.6											PERPENDICULAR	
276.5	171.6	190.5	90.	0.				80.	185.	1.6	185.0	-1.6	.20	.01
282.9	171.8	190.3						85.	185.					
282.9	171.8	190.3											PERPENDICULAR	
288.3	171.9	190.3	90.	0.				76.	185.	5.9	185.0	-5.8	.20	.02
292.9	172.1	190.2	90.	0.				78.	185.	4.1	185.0	-4.0	.20	.01
301.8	172.3	190.0	84.	95.				80.	185.	2.3	185.0	-2.3	.20	.01
307.9	172.5	189.9						82.	185.	.5	185.0	-.5	.20	.00
314.3	172.6	189.8						73.	185.	9.6	185.0	-9.5	.20	.03
320.4	172.8	189.7						74.	185.	8.8	185.0	-8.7	.20	.03
324.9	172.9	189.6						70.	185.	12.9	185.0	-12.7	.20	.04
334.7	173.2	189.4						73.	185.	10.2	185.0	-10.1	.20	.03
343.8	173.4	189.2						70.	185.	13.4	185.0	-13.2	.19	.05
352.0	173.6	189.1						75.	185.	8.6	185.0	-8.5	.20	.03
356.3	173.7	189.0	80.	5.	16.3	5.0	16.0	80.	185.	3.7	185.0	-3.6	.20	.01
362.0	173.9	188.9						60.	185.	23.9	185.0	-23.6	.18	.08
368.2	174.1	188.3						80.	185.	4.1	185.0	-4.0	.20	.01
374.8	174.3	187.7						65.	185.	19.3	185.0	-19.0	.19	.07
379.5	174.4	187.3						70.	185.	14.4	185.0	-14.2	.19	.05
385.1	174.5	186.7						80.	185.	4.5	185.0	-4.4	.20	.02
390.8	174.7	186.2						75.	185.	9.7	185.0	-9.6	.20	.03
396.3	174.9	185.7						70.	185.	14.9	185.0	-14.7	.19	.05
402.6	175.0	185.1						70.	185.	15.0	185.0	-14.8	.19	.05
408.8	175.2	184.5						70.	185.	15.2	185.0	-15.0	.19	.05
414.0	175.4	184.0						70.	185.	15.4	185.0	-15.2	.19	.05
419.7	175.5	183.4						70.	185.	15.5	185.0	-15.3	.19	.05
425.0	175.7	182.9						80.	185.	5.7	185.0	-5.6	.20	.02
430.7	175.8	182.4						60.	185.	25.8	185.0	-25.5	.18	.09
436.8	176.0	181.8						80.	185.	6.0	185.0	-5.9	.20	.02
442.9	176.2	181.2						70.	185.	16.2	185.0	-16.0	.19	.06
449.0	176.3	180.6						70.	185.	16.3	185.0	-16.1	.19	.06
455.1	176.5	180.0						65.	185.	21.5	185.0	-21.2	.19	.07
461.8	176.7	179.4						80.	185.	6.7	185.0	-6.6	.20	.02
467.9	176.9	178.8						70.	185.	16.9	185.0	-16.7	.19	.06
474.0	177.0	178.4						85.	185.					
474.0	177.0	178.4											PERPENDICULAR	
480.1	177.1	178.4						70.	185.	17.1	185.0	-16.9	.19	.06
486.8	177.2	178.4						90.	185.					
486.8	177.2	178.4											PERPENDICULAR	
492.3	177.3	178.4						80.	185.	7.3	185.0	-7.2	.20	.03

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* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2

****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
498.3	177.3	178.4						70.	185.	17.3	185.0	-17.1	.19	.06
504.4	177.4	178.4						80.	185.	7.4	185.0	-7.3	.20	.03
510.5	177.5	178.4						70.	185.	17.5	185.0	-17.3	.19	.06
516.6	177.6	178.4						80.	185.	7.6	185.0	-7.5	.20	.03
522.7	177.7	178.4						70.	185.	17.7	185.0	-17.5	.19	.06
528.8	177.8	178.4						70.	185.	17.8	185.0	-17.6	.19	.06
534.9	177.8	178.4						65.	185.	22.8	185.0	-22.5	.18	.08
541.5	177.9	178.4						80.	185.	7.9	185.0	-7.8	.20	.03
547.1	178.0	178.4						85.	185.					
547.1	178.0	178.4											PERPENDICULAR	
553.2	178.1	178.4						80.	185.	8.1	185.0	-8.0	.20	.03
559.3	178.2	178.4						70.	185.	18.2	185.0	-18.0	.19	.06
564.9	178.2	178.4						50.	185.	38.2	185.0	-37.8	.16	.12
571.5	178.3	178.4						60.	185.	28.3	185.0	-27.9	.18	.09
577.4	178.4	178.4						70.	185.	18.4	185.0	-18.1	.19	.06
583.2	178.5	178.4						54.	185.	34.5	185.0	-34.1	.17	.11
589.5	178.6	178.4						54.	185.	34.6	185.0	-34.2	.17	.11
595.9	177.8	214.2						72.	185.	16.0	185.0	-15.8	.19	.05
601.0	176.7	259.9						62.	185.	27.0	185.0	-26.6	.18	.09
607.0	175.4	313.6						62.	185.	30.7	185.0	-30.3	.17	.10
613.0	174.3	358.3						48.	185.	47.7	185.0	-47.2	.14	.15
619.0	173.8	357.7						67.	185.	29.1	185.0	-28.8	.18	.10
625.0	173.3	357.1						66.	185.	30.6	185.0	-30.2	.17	.10
631.0	172.9	356.6						69.	185.	28.0	185.0	-27.6	.18	.09
637.4	172.3	355.9						45.	185.	52.6	185.0	-52.2	.12	.16
643.0	171.9	355.4						65.	185.	33.0	185.0	-32.6	.17	.11
649.0	171.4	354.8						68.	185.	30.4	185.0	-30.0	.17	.10
655.0	170.9	354.2						74.	185.	24.9	185.0	-24.5	.18	.08
661.0	170.4	353.6						60.	185.	39.4	185.0	-38.9	.16	.13
667.0	169.9	353.1						59.	185.	40.8	185.0	-40.4	.15	.13
673.9	169.4	352.4						62.	185.	38.3	185.0	-37.8	.16	.12
679.6	168.9	351.8						52.	185.	48.7	185.0	-48.3	.13	.15
684.0	168.5	351.4						58.	185.	43.1	185.0	-42.6	.15	.14
691.4	168.1	352.3						65.	185.	36.5	185.0	-36.1	.16	.12
697.7	167.8	354.8						75.	185.	26.9	185.0	-26.5	.18	.09
703.5	167.5	357.1						58.	185.	44.3	185.0	-43.9	.14	.14
711.1	167.1	.2						69.	185.	33.8	185.0	-33.4	.17	.11
717.4	166.9	2.7						71.	185.	32.1	185.0	-31.7	.17	.11
723.1	166.6	5.0						68.	185.	35.4	185.0	-35.0	.16	.11
729.2	166.3	7.5						56.	185.	47.7	185.0	-47.2	.14	.15
734.6	166.1	9.6						72.	185.	31.8	185.0	-31.4	.17	.10
740.7	165.8	12.1						78.	185.	2.2	185.0	-2.2	.20	.01
										26.0	185.0	-25.6	.18	.09

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* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)		S2 PLANE (PLOTTED)			PLOT PARAMETERS	
			OBSERVED	CALCULATED	OBSERVED	CALCULATED			
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP	CA DIPD	DIP DIPD AP-DIP		H	V
744.4	165.6	13.6			74. 185.	30.1 185.0	-29.7	.17	.10
750.7	165.3	16.1			71. 185.	33.2 185.0	-32.8	.17	.11
756.5	165.1	18.4			65. 185.	39.3 185.0	-38.9	.16	.13
761.0	164.9	20.2			77. 185.	2.2 185.0	-2.2	.20	.01
						27.0 185.0	-26.6	.18	.09
766.5	164.7	21.0			74. 185.	30.2 185.0	-29.8	.17	.10
771.1	164.6	19.6			51. 185.	53.8 185.0	-53.3	.12	.16
777.4	164.5	17.6			72. 185.	32.8 185.0	-32.4	.17	.11
783.6	164.4	15.8			71. 185.	34.1 185.0	-33.7	.17	.11
791.0	164.4	13.5			69. 185.	36.3 185.0	-35.9	.16	.12
797.5	164.3	11.5			78. 185.	3.7 185.0	-3.7	.20	.01
						27.5 185.0	-27.1	.18	.09
803.7	164.2	9.6			70. 185.	35.7 185.0	-35.3	.16	.12
810.6	164.1	7.5			53. 185.	52.9 185.0	-52.5	.12	.16
817.6	164.0	5.4			80. 185.	6.0 185.0	-5.9	.20	.02
						26.0 185.0	-25.7	.18	.09
822.6	163.9	3.9			61. 185.	45.1 185.0	-44.7	.14	.14
831.8	163.8	1.1			70. 185.	36.1 185.0	-35.7	.16	.12
836.5	163.8	359.6			41. 185.	65.1 185.0	-64.8	.09	.18

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  77X03R      *     START PLOT NUMBER  3
*************************

      PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

      PROJECTION PLANE BEARS  105. DEGREES -- VIEW AZIMUTH:  15. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.01 -    .46 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  32.83 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   844.3 METERS     J =   1 - 376

      MAX PAPER WIDTH REQUIRED:   36.8 INCHES

      X DIMENSION OF PLOT =    7.0  Y DIMENSION OF PLOT =   36.8  ROTATION = 1
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* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2

****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.2	179.3	1.9						65.	185.	25.7	185.0	4.8	.20	-.02
15.2	178.8	3.4						79.	185.	12.2	185.0	2.1	.20	-.01
20.7	178.3	4.7						79.	185.	12.7	185.0	2.2	.20	-.01
33.5	177.3	7.6	77.	5.	10.3	5.0	-1.8	76.	185.	16.7	185.0	3.0	.20	-.01
39.6	176.8	9.0						75.	185.	18.2	185.0	3.3	.20	-.01
45.4	176.4	10.3						80.	185.	13.6	185.0	2.4	.20	-.01
54.3	175.7	12.3						75.	185.	19.3	185.0	3.5	.20	-.01
59.7	175.2	13.5						78.	185.	16.7	185.0	3.0	.20	-.01
66.0	174.7	14.9						69.	185.	26.2	185.0	4.9	.20	-.02
66.1	174.7	15.0	60.	185.	35.2	185.0	7.0	83.	185.	12.2	185.0	2.1	.20	-.01
70.4	174.4	15.9						79.	185.	16.4	185.0	2.9	.20	-.01
78.9	173.7	17.9						84.	185.	.3	185.0	.1	.20	-.00
										12.0	185.0	2.1	.20	-.01
87.8	173.0	19.9						60.	185.	36.7	185.0	7.4	.20	-.03
93.2	172.5	21.1						79.	185.	18.0	185.0	3.2	.20	-.01
100.0	172.0	22.6						69.	185.	28.5	185.0	5.4	.20	-.02
106.4	171.5	24.1						74.	185.	23.8	185.0	4.4	.20	-.02
111.6	171.1	25.3						80.	185.	17.9	185.0	3.2	.20	-.01
118.3	170.5	26.8						79.	185.	19.3	185.0	3.5	.20	-.01
125.3	170.0	28.4						76.	185.	22.6	185.0	4.1	.20	-.01
134.3	169.3	30.4						84.	185.	5.8	185.0	1.0	.20	-.00
										13.6	185.0	2.4	.20	-.01
136.6	169.1	30.9	66.	185.	33.4	185.0	6.5	75.	185.	24.1	185.0	4.4	.20	-.02
141.4	168.7	32.0						66.	185.	33.6	185.0	6.6	.20	-.02
147.8	168.2	33.4						68.	185.	31.7	185.0	6.1	.20	-.02
153.8	167.7	34.8						68.	185.	31.9	185.0	6.2	.20	-.02
157.9	167.4	35.7						72.	185.	27.7	185.0	5.2	.20	-.02
161.4	167.1	36.5	86.	5.				76.	185.	23.4	185.0	4.3	.20	-.01
168.3	166.5	38.1						73.	185.	26.8	185.0	5.0	.20	-.02
170.7	166.3	38.6	79.	5.				78.	185.	2.1	185.0	.4	.20	-.00
										20.8	185.0	3.8	.20	-.01
174.4	166.0	39.5	54.	185.	46.9	185.0	10.5	68.	185.	32.2	185.0	6.2	.20	-.02
183.2	165.3	41.5						75.	185.	24.2	185.0	4.5	.20	-.02
190.5	165.1	46.9						64.	185.	35.4	185.0	7.0	.20	-.02
196.9	165.7	61.7						76.	185.	.6	185.0	.1	.20	-.00
										15.4	185.0	2.7	.20	-.01
209.7	166.9	91.3						65.	185.	22.4	185.0	4.1	.20	-.01
217.3	167.6	108.9						70.	185.	13.1	185.0	2.3	.20	-.01
224.0	168.3	124.4						77.	185.	2.3	185.0	.4	.20	-.00
230.4	168.9	139.3						67.	185.	13.9	185.0	2.5	.20	-.01
235.3	169.3	150.6						70.	185.	10.2	185.0	1.8	.20	-.01

****
* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
242.6	170.0	167.5						62.	185.	18.3	185.0	3.3	.20	-.01
249.3	170.7	183.0						74.	185.	6.7	185.0	1.2	.20	-.00
256.0	171.1	190.8						65.	185.	16.1	185.0	2.9	.20	-.01
261.8	171.2	190.7	77.	275.				77.	185.	4.2	185.0	.7	.20	-.00
269.4	171.4	190.6						83.	185.					
269.4	171.4	190.6											PERPENDICULAR	
276.5	171.6	190.5	90.	0.				80.	185.	1.6	185.0	.3	.20	-.00
282.9	171.8	190.3						85.	185.					
282.9	171.8	190.3											PERPENDICULAR	
288.3	171.9	190.3	90.	0.				76.	185.	5.9	185.0	1.0	.20	-.00
292.9	172.1	190.2	90.	0.				78.	185.	4.1	185.0	.7	.20	-.00
301.8	172.3	190.0	84.	95.				80.	185.	2.3	185.0	.4	.20	-.00
307.9	172.5	189.9						82.	185.	.5	185.0	.1	.20	-.00
314.3	172.6	189.8						73.	185.	9.6	185.0	1.7	.20	-.01
320.4	172.8	189.7						74.	185.	8.8	185.0	1.5	.20	-.01
324.9	172.9	189.6						70.	185.	12.9	185.0	2.3	.20	-.01
334.7	173.2	189.4						73.	185.	10.2	185.0	1.8	.20	-.01
343.8	173.4	189.2						70.	185.	13.4	185.0	2.4	.20	-.01
352.0	173.6	189.1						75.	185.	8.6	185.0	1.5	.20	-.01
356.3	173.7	189.0	80.	5.	16.3	5.0	-2.9	80.	185.	3.7	185.0	.6	.20	-.00
362.0	173.9	188.9						60.	185.	23.9	185.0	4.4	.20	-.02
368.2	174.1	188.3						80.	185.	4.1	185.0	.7	.20	-.00
374.8	174.3	187.7						65.	185.	19.3	185.0	3.5	.20	-.01
379.5	174.4	187.3						70.	185.	14.4	185.0	2.6	.20	-.01
385.1	174.5	186.7						80.	185.	4.5	185.0	.8	.20	-.00
390.8	174.7	186.2						75.	185.	9.7	185.0	1.7	.20	-.01
396.3	174.9	185.7						70.	185.	14.9	185.0	2.6	.20	-.01
402.6	175.0	185.1						70.	185.	15.0	185.0	2.7	.20	-.01
408.8	175.2	184.5						70.	185.	15.2	185.0	2.7	.20	-.01
414.0	175.4	184.0						70.	185.	15.4	185.0	2.7	.20	-.01
419.7	175.5	183.4						70.	185.	15.5	185.0	2.8	.20	-.01
425.0	175.7	182.9						80.	185.	5.7	185.0	1.0	.20	-.00
430.7	175.8	182.4						60.	185.	25.8	185.0	4.8	.20	-.02
436.8	176.0	181.8						80.	185.	6.0	185.0	1.0	.20	-.00
442.9	176.2	181.2						70.	185.	16.2	185.0	2.9	.20	-.01
449.0	176.3	180.6						70.	185.	16.3	185.0	2.9	.20	-.01
455.1	176.5	180.0						65.	185.	21.5	185.0	3.9	.20	-.01
461.8	176.7	179.4						80.	185.	6.7	185.0	1.2	.20	-.00
467.9	176.9	178.8						70.	185.	16.9	185.0	3.0	.20	-.01
474.0	177.0	178.4						85.	185.					
474.0	177.0	178.4											PERPENDICULAR	
480.1	177.1	178.4						70.	185.	17.1	185.0	3.1	.20	-.01
486.8	177.2	178.4						90.	185.					
486.8	177.2	178.4											PERPENDICULAR	
492.3	177.3	178.4						80.	185.	7.3	185.0	1.3	.20	-.00

****
* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
498.3	177.3	178.4					70. 185.	17.3	185.0	3.1	.20	-.01
504.4	177.4	178.4					80. 185.	7.4	185.0	1.3	.20	-.00
510.5	177.5	178.4					70. 185.	17.5	185.0	3.1	.20	-.01
516.6	177.6	178.4					80. 185.	7.6	185.0	1.3	.20	-.00
522.7	177.7	178.4					70. 185.	17.7	185.0	3.2	.20	-.01
528.8	177.8	178.4					70. 185.	17.8	185.0	3.2	.20	-.01
534.9	177.8	178.4					65. 185.	22.8	185.0	4.2	.20	-.01
541.5	177.9	178.4					80. 185.	7.9	185.0	1.4	.20	-.00
547.1	178.0	178.4					85. 185.					
547.1	178.0	178.4									PERPENDICULAR	
553.2	178.1	178.4					80. 185.	8.1	185.0	1.4	.20	-.00
559.3	178.2	178.4					70. 185.	18.2	185.0	3.3	.20	-.01
564.9	178.2	178.4					50. 185.	38.2	185.0	7.8	.20	-.03
571.5	178.3	178.4					60. 185.	28.3	185.0	5.3	.20	-.02
577.4	178.4	178.4					70. 185.	18.4	185.0	3.3	.20	-.01
583.2	178.5	178.4					54. 185.	34.5	185.0	6.8	.20	-.02
589.5	178.6	178.4					54. 185.	34.6	185.0	6.8	.20	-.02
595.9	177.8	214.2					72. 185.	16.0	185.0	2.9	.20	-.01
601.0	176.7	259.9					62. 185.	27.0	185.0	5.1	.20	-.02
607.0	175.4	313.6					62. 185.	30.7	185.0	5.9	.20	-.02
613.0	174.3	358.3					48. 185.	47.7	185.0	10.8	.20	-.04
619.0	173.8	357.7					67. 185.	29.1	185.0	5.5	.20	-.02
625.0	173.3	357.1					66. 185.	30.6	185.0	5.9	.20	-.02
631.0	172.9	356.6					69. 185.	28.0	185.0	5.3	.20	-.02
637.4	172.3	355.9					45. 185.	52.6	185.0	12.8	.20	-.04
643.0	171.9	355.4					65. 185.	33.0	185.0	6.4	.20	-.02
649.0	171.4	354.8					68. 185.	30.4	185.0	5.8	.20	-.02
655.0	170.9	354.2					74. 185.	24.9	185.0	4.6	.20	-.02
661.0	170.4	353.6					60. 185.	39.4	185.0	8.1	.20	-.03
667.0	169.9	353.1					59. 185.	40.8	185.0	8.5	.20	-.03
673.9	169.4	352.4					62. 185.	38.3	185.0	7.8	.20	-.03
679.6	168.9	351.8					52. 185.	48.7	185.0	11.2	.20	-.04
684.0	168.5	351.4					58. 185.	43.1	185.0	9.2	.20	-.03
691.4	168.1	352.3					65. 185.	36.5	185.0	7.3	.20	-.03
697.7	167.8	354.8					75. 185.	26.9	185.0	5.0	.20	-.02
703.5	167.5	357.1					58. 185.	44.3	185.0	9.6	.20	-.03
711.1	167.1	.2					69. 185.	33.8	185.0	6.6	.20	-.02
717.4	166.9	2.7					71. 185.	32.1	185.0	6.2	.20	-.02
723.1	166.6	5.0					68. 185.	35.4	185.0	7.0	.20	-.02
729.2	166.3	7.5					56. 185.	47.7	185.0	10.8	.20	-.04
734.6	166.1	9.6					72. 185.	31.8	185.0	6.2	.20	-.02
740.7	165.8	12.1					78. 185.	2.2	185.0	.4	.20	-.00
								26.0	185.0	4.8	.20	-.02

****
* DDH: 77X03R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
744.4	165.6	13.6						74.	185.	30.1	185.0	5.7	.20	-.02
750.7	165.3	16.1						71.	185.	33.2	185.0	6.5	.20	-.02
756.5	165.1	18.4						65.	185.	39.3	185.0	8.1	.20	-.03
761.0	164.9	20.2						77.	185.	2.2	185.0	.4	.20	-.00
										27.0	185.0	5.1	.20	-.02
766.5	164.7	21.0						74.	185.	30.2	185.0	5.8	.20	-.02
771.1	164.6	19.6						51.	185.	53.8	185.0	13.3	.19	-.05
777.4	164.5	17.6						72.	185.	32.8	185.0	6.4	.20	-.02
783.6	164.4	15.8						71.	185.	34.1	185.0	6.7	.20	-.02
791.0	164.4	13.5						69.	185.	36.3	185.0	7.3	.20	-.03
797.5	164.3	11.5						78.	185.	3.7	185.0	.6	.20	-.00
										27.5	185.0	5.2	.20	-.02
803.7	164.2	9.6						70.	185.	35.7	185.0	7.1	.20	-.02
810.6	164.1	7.5						53.	185.	52.9	185.0	12.9	.19	-.04
817.6	164.0	5.4						80.	185.	6.0	185.0	1.0	.20	-.00
										26.0	185.0	4.8	.20	-.02
822.6	163.9	3.9						61.	185.	45.1	185.0	9.9	.20	-.03
831.8	163.8	1.1						70.	185.	36.1	185.0	7.2	.20	-.03
836.5	163.8	359.6						41.	185.	65.1	185.0	20.5	.19	-.07

***** PLOT NUMBER 3 FINISHED *****

****
* DDH: 77-X-04 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 314
POINTS = 313 MAX DDH DEPTH = 850.1 METERS
MAX TRUE DEPTH = 834.8 METERS
EASTING: -1.3 - 28.9 METERS
NORTHING: 0. - 103.5 METERS

TYPE C DATA (CONTACTS) ----- 77
TYPE F DATA (PLANES) ------- 139
TYPE P DATA (SAMPLES) ------ 4
TYPE S DATA (SYMMETRY) ----- 44
TYPE X DATA (REF MARKERS) -- 42

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	4.0	01 #	21	546.0	21 5B6	41	704.4	42 5B2	61	795.1	62 4C7
2	75.6	02 5B0	22	547.4	22 5D3	42	705.0	43 5G6	62	798.9	63 5B4
3	107.0	03 5B6	23	556.4	23 5C3	43	713.1	44 5B2	63	799.7	64 4E1
4	135.7	04 5B0	24	559.1	24 5D3	44	716.9	45 5E0	64	800.4	65 5B4
5	138.2	05 5B6	25	584.8	25 5B2	45	725.6	46 5B2	65	800.6	66 5A1
6	228.0	06 5B0	26	588.0	26 5D6	46	726.5	47 5D6	66	801.1	67 4E1
7	240.4	07 5B0	27	591.3	27 5C3	47	730.7	48 5B6	67	801.3	68 5A1
8	318.3	08 5B0	28	609.6	28 5B2	48	733.1	49 5D6	68	819.6	69 5B0
9	319.7	09 5B6	29	616.7	30 5B6	49	738.8	50 5B6	69	822.0	70 5A1
10	353.1	10 5B0	30	629.3	31 5B0	50	745.6	51 5B2	70	822.6	71 5A*
11	363.6	11 5B6	31	636.1	32 5G0	51	749.8	52 5C3	71	824.4	72 3H0
12	420.6	12 5B0	32	653.0	33 5B0	52	759.0	53 5B6	72	825.1	73 5A*
13	424.2	13 5B6	33	654.1	34 5D3	53	762.5	54 5B2	73	825.9	74 5F0
14	446.1	14 5B6	34	659.6	35 5B2	54	771.8	55 5G0	74	826.6	75 5A*
15	494.7	15 5B0	35	665.3	36 5B6	55	779.7	56 5B6	75	827.6	76 5F0
16	509.0	16 5B2	36	670.6	37 5B2	56	783.0	57 5B6	76	835.7	77 3D1
17	519.2	17 5D8	37	678.8	38 5B0	57	788.6	58 5B4	77	850.1	79 0C0
18	529.9	18 5D8	38	685.9	39 5B2	58	790.3	59 4C7			
19	540.8	19 5B6	39	689.2	40 5G6	59	791.0	60 4E0			
20	543.2	20 5D6	40	691.0	41 5B2	60	791.6	61 4C5			

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*     DDH:  77-X-04      *    START PLOT NUMBER  1
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PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 4.23 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 850.1 METERS J = 1 - 313

***** PLOT NUMBER 1 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  77-X-04      *    START PLOT NUMBER  2
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 4.23 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 850.1 METERS J = 1 - 313

****
* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
7.6	179.8	358.9						74.	185.	16.0	185.0	-15.8	-.19	-.05
13.1	179.6	358.0						81.	185.	9.0	185.0	-8.9	-.20	-.03
18.3	179.4	357.3						77.	185.	13.0	185.0	-12.8	-.20	-.04
25.0	179.2	356.3						76.	185.	14.8	185.0	-14.6	-.19	-.05
29.4	179.1	355.6	77.	5.	12.1	5.0	11.9	77.	185.	13.9	185.0	-13.7	-.19	-.05
35.4	178.9	354.7						80.	185.	11.1	185.0	-10.9	-.20	-.04
41.2	178.7	353.9	65.	185.	26.3	185.0	-25.9	72.	185.	19.3	185.0	-19.0	-.19	-.07
46.6	178.6	353.1						85.	185.					
52.7	178.4	352.1						85.	185.					
58.5	178.2	351.3	85.	5.				86.	185.					
64.9	178.0	350.3						80.	185.	11.9	185.0	-11.7	-.20	-.04
71.9	177.8	349.3						85.	185.					
78.0	177.6	348.4						72.	185.	20.3	185.0	-20.0	-.19	-.07
84.1	177.5	350.8						55.	185.	37.4	185.0	-37.0	-.16	-.12
90.5	177.5	355.9						80.	185.	12.5	185.0	-12.3	-.20	-.04
97.5	177.6	1.4						62.	185.	30.4	185.0	-30.0	-.17	-.10
103.0	177.6	5.7						70.	185.	22.4	185.0	-22.1	-.19	-.08
109.4	177.6	10.7						67.	185.	25.4	185.0	-25.0	-.18	-.08
116.1	177.6	16.0						78.	185.	14.3	185.0	-14.1	-.19	-.05
121.6	177.6	20.3						70.	185.	22.3	185.0	-22.0	-.19	-.07
127.7	177.7	25.1						57.	185.	35.2	185.0	-34.7	-.16	-.11
134.6	177.7	30.5						75.	185.	17.0	185.0	-16.8	-.19	-.06
138.7	177.7	33.7						71.	185.	21.0	185.0	-20.7	-.19	-.07
144.5	177.7	38.3						72.	185.	19.9	185.0	-19.6	-.19	-.07
151.2	177.7	43.6						72.	185.	19.7	185.0	-19.5	-.19	-.07
157.9	177.8	48.8						69.	185.	22.5	185.0	-22.2	-.19	-.08
161.5	177.8	51.7						88.	185.					
167.6	177.8	56.5						80.	185.	11.2	185.0	-11.1	-.20	-.04
173.7	177.8	61.3						78.	185.	13.1	185.0	-12.9	-.19	-.04
183.5	177.9	69.0						85.	185.					
186.8	177.9	71.6						74.	185.	16.7	185.0	-16.5	-.19	-.06
193.6	177.9	76.9						74.	185.	16.5	185.0	-16.3	-.19	-.06
201.5	177.9	83.1	85.	275.	7.1	263.1	-2.7	77.	185.	12.8	185.0	-12.7	-.20	-.04
207.6	177.9	87.9						80.	185.	9.8	185.0	-9.6	-.20	-.03
214.3	178.0	93.2						86.	185.					
220.7	178.0	98.2						78.	185.	11.8	185.0	-11.7	-.20	-.04
230.7	177.9	100.0						81.	185.	8.8	185.0	-8.6	-.20	-.03
236.8	177.9	95.3						77.	185.	12.8	185.0	-12.6	-.20	-.04
240.5	177.8	92.4						78.	185.	11.8	185.0	-11.6	-.20	-.04
247.8	177.7	86.8						76.	185.	13.8	185.0	-13.6	-.19	-.05
254.5	177.6	81.6						83.	185.	6.6	185.0	-6.5	-.20	-.02

****
* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
260.9	177.6	76.7					82. 185.	7.7	185.0	-7.6	-.20	-.03
262.7	177.5	75.3					76. 185.	14.6	185.0	-14.4	-.19	-.05
267.6	177.5	71.5					78. 185.	12.8	185.0	-12.6	-.20	-.04
272.8	177.4	67.5					79. 185.	12.0	185.0	-11.8	-.20	-.04
279.8	177.3	62.1					79. 185.	12.2	185.0	-12.1	-.20	-.04
282.9	177.3	59.7	82. 140.	7.6	140.0	-4.4	76. 185.	15.4	185.0	-15.2	-.19	-.05
288.0	177.2	55.7					70. 185.	21.7	185.0	-21.4	-.19	-.07
294.1	177.1	51.0					85. 185.					
300.2	177.1	46.3					80. 185.	12.0	185.0	-11.8	-.20	-.04
306.0	177.0	41.8					78. 185.	14.3	185.0	-14.1	-.19	-.05
311.1	176.9	37.9					80. 185.	12.5	185.0	-12.3	-.20	-.04
317.0	176.8	33.3					80. 185.	12.7	185.0	-12.5	-.20	-.04
323.0	176.8	28.7					80. 185.	12.8	185.0	-12.7	-.20	-.04
329.0	176.7	24.1					80. 185.	13.1	185.0	-12.9	-.19	-.04
335.0	176.6	19.4					70. 185.	23.3	185.0	-23.0	-.18	-.08
342.0	176.5	14.0					80. 185.	13.4	185.0	-13.2	-.19	-.05
347.0	176.5	10.2					90. 185.	3.5	190.2	-3.5	-.20	-.01
353.0	176.4	5.5					80. 185.	13.6	185.0	-13.4	-.19	-.05
359.0	176.3	.9					75. 185.	18.7	185.0	-18.4	-.19	-.06
365.0	176.2	356.3					80. 185.	13.7	185.0	-13.5	-.19	-.05
371.0	176.1	351.6					75. 185.	18.8	185.0	-18.5	-.19	-.06
378.0	176.1	346.2					85. 185.					
384.0	176.0	343.8					80. 185.	13.6	185.0	-13.4	-.19	-.05
390.0	175.9	346.5					75. 185.	18.8	185.0	-18.6	-.19	-.06
396.6	175.9	349.5					70. 185.	23.9	185.0	-23.6	-.18	-.08
402.0	175.9	351.9					85. 185.					
408.0	175.8	354.7					75. 185.	19.1	185.0	-18.8	-.19	-.06
414.0	175.8	357.4					70. 185.	24.2	185.0	-23.8	-.18	-.08
420.0	175.7	.1					65. 185.	29.3	185.0	-28.9	-.18	-.10
426.0	175.7	2.8					70. 185.	24.3	185.0	-24.0	-.18	-.08
432.0	175.7	5.5					80. 185.	14.3	185.0	-14.1	-.19	-.05
438.0	175.6	8.2					70. 185.	24.4	185.0	-24.1	-.18	-.08
444.0	175.6	10.9					60. 185.	34.4	185.0	-34.0	-.17	-.11
450.0	175.5	13.6					80. 185.	14.4	185.0	-14.2	-.19	-.05
456.0	175.5	16.3					70. 185.	24.4	185.0	-24.1	-.18	-.08
462.0	175.4	19.0					80. 185.	14.4	185.0	-14.2	-.19	-.05
468.0	175.4	21.8					80. 185.	14.3	185.0	-14.1	-.19	-.05
474.0	175.4	24.5					70. 185.	24.3	185.0	-24.0	-.18	-.08
480.0	175.3	27.2					70. 185.	24.3	185.0	-24.0	-.18	-.08
486.0	175.3	29.9					75. 185.	19.1	185.0	-18.9	-.19	-.06
492.0	175.2	32.6					80. 185.	14.0	185.0	-13.8	-.19	-.05

****
* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
499.4	175.2	35.9						85.	185.	9.8	215.9	-9.2	-.20	-.03
501.3	175.2	36.8						40.	185.	54.0	185.0	-53.6	-.12	-.16
504.0	175.2	38.0						65.	185.	28.9	185.0	-28.5	-.18	-.10
510.0	175.1	40.7						70.	185.	23.8	185.0	-23.5	-.18	-.08
516.0	175.1	43.4						75.	185.	18.5	185.0	-18.3	-.19	-.06
522.0	175.0	46.1						70.	185.	23.5	185.0	-23.2	-.18	-.08
528.0	174.9	42.9						60.	185.	33.9	185.0	-33.5	-.17	-.11
531.0	174.7	34.9						35.	185.	59.6	185.0	-59.2	-.10	-.17
536.0	174.3	21.5						50.	185.	45.4	185.0	-45.0	-.14	-.14
542.0	173.8	10.4						40.	185.	56.2	185.0	-55.8	-.11	-.17
544.9	173.5	10.3						0.	185.					
550.0	173.0	10.2						75.	185.	22.0	185.0	-21.7	-.19	-.07
556.0	172.3	10.0						70.	185.	27.7	185.0	-27.3	-.18	-.09
562.0	171.7	9.8						60.	185.	38.3	185.0	-37.8	-.16	-.12
568.0	171.1	9.6						70.	185.	28.9	185.0	-28.5	-.18	-.10
574.7	170.4	9.4						80.	185.	19.5	185.0	-19.3	-.19	-.07
580.0	169.8	9.2						80.	185.	.2	185.0	-.2	-.20	-.00
										20.1	185.0	-19.9	-.19	-.07
586.0	169.2	9.0						65.	185.	35.8	185.0	-35.3	-.16	-.12
592.0	168.6	8.8						70.	185.	31.4	185.0	-31.0	-.17	-.10
598.0	167.9	8.6						70.	185.	32.1	185.0	-31.7	-.17	-.11
610.5	166.6	8.2						68.	185.	35.4	185.0	-35.0	-.16	-.11
616.5	166.0	8.0						68.	185.	36.0	185.0	-35.6	-.16	-.12
622.2	165.6	8.6						64.	185.	40.4	185.0	-39.9	-.15	-.13
623.7	165.5	8.8						52.	185.	52.5	185.0	-52.0	-.12	-.16
627.5	165.3	9.2						55.	185.	49.6	185.0	-49.2	-.13	-.15
633.5	164.9	9.8						52.	185.	53.0	185.0	-52.6	-.12	-.16
640.0	164.4	10.5						75.	185.	.6	185.0	-.6	-.20	-.00
										30.5	185.0	-30.1	-.17	-.10
646.0	164.1	11.1						60.	185.	45.8	185.0	-45.3	-.14	-.14
651.5	163.7	11.7						76.	185.	2.3	185.0	-2.3	-.20	-.01
										30.1	185.0	-29.7	-.17	-.10
657.0	163.3	12.3						70.	185.	36.5	185.0	-36.0	-.16	-.12
663.2	162.9	12.9						72.	185.	34.8	185.0	-34.4	-.17	-.11
668.1	162.6	13.4						80.	185.	7.5	185.0	-7.4	-.20	-.03
										26.9	185.0	-26.6	-.18	-.09
674.1	162.2	14.1						60.	185.	47.5	185.0	-47.0	-.14	-.15
679.9	161.8	14.7						52.	185.	55.9	185.0	-55.4	-.11	-.16
685.0	161.5	15.2						65.	185.	43.0	185.0	-42.6	-.15	-.14
691.0	161.1	15.8						75.	185.	4.0	185.0	-3.9	-.20	-.01
										33.2	185.0	-32.8	-.17	-.11

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* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			H	V
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP		
697.2	160.8	16.3						68.	185.	40.6	185.0	-40.1	-.15	-.13
703.0	160.6	16.7						73.	185.	2.5	185.0	-2.4	-.20	-.01
										35.6	185.0	-35.2	-.16	-.12
709.2	160.3	17.1						42.	185.	67.2	185.0	-66.9	-.08	-.18
715.4	160.1	17.5						70.	185.	39.0	185.0	-38.6	-.16	-.12
720.2	159.9	17.8						60.	185.	49.3	185.0	-48.9	-.13	-.15
726.4	159.7	18.2						75.	185.	5.5	185.0	-5.4	-.20	-.02
										34.1	185.0	-33.7	-.17	-.11
732.4	159.4	18.6						68.	185.	41.6	185.0	-41.1	-.15	-.13
737.9	159.2	19.0						87.	185.	17.8	199.0	-17.8	-.19	-.06
										23.8	199.0	-23.7	-.18	-.08
744.1	159.0	19.4						78.	185.	9.5	185.0	-9.4	-.20	-.03
										31.3	185.0	-30.9	-.17	-.10
750.0	158.7	19.8						85.	185.	16.3	199.8	-16.2	-.19	-.06
										26.3	199.8	-26.2	-.18	-.09
756.0	158.5	20.2						77.	185.	9.0	185.0	-8.9	-.20	-.03
										32.6	185.0	-32.2	-.17	-.11
762.1	158.3	20.6						72.	185.	3.9	185.0	-3.8	-.20	-.01
										38.1	185.0	-37.6	-.16	-.12
768.0	158.0	21.0						69.	185.	1.0	185.0	-1.0	-.20	-.00
										41.4	185.0	-41.0	-.15	-.13
774.0	158.1	21.1						85.	185.	16.9	201.1	-16.8	-.19	-.06
										26.9	201.1	-26.8	-.18	-.09
781.1	158.3	21.3						69.	185.	.7	185.0	-.7	-.20	-.00
										41.1	185.0	-40.6	-.15	-.13
787.0	158.5	21.5						69.	185.	.5	185.0	-.5	-.20	-.00
										40.9	185.0	-40.4	-.15	-.13
792.7	158.6	21.6						73.	185.	4.6	185.0	-4.6	-.20	-.02
										36.5	185.0	-36.1	-.16	-.12
797.7	158.8	21.8						60.	185.	49.8	185.0	-49.4	-.13	-.15
803.7	158.9	21.9						78.	185.	9.9	185.0	-9.7	-.20	-.03
										30.7	185.0	-30.3	-.17	-.10
809.7	159.1	22.1						68.	185.	41.3	185.0	-40.8	-.15	-.13
815.2	159.2	22.2						84.	185.					

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  77-X-04      *    START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.16 - .04 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.87 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 850.1 METERS J = 1 - 313

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* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
7.6	179.8	358.9						74.	185.	16.0	185.0	2.9	.20	.01
13.1	179.6	358.0						81.	185.	9.0	185.0	1.6	.20	.01
18.3	179.4	357.3						77.	185.	13.0	185.0	2.3	.20	.01
25.0	179.2	356.3						76.	185.	14.8	185.0	2.6	.20	.01
29.4	179.1	355.6	77.	5.	12.1	5.0	-2.1	77.	185.	13.9	185.0	2.5	.20	.01
35.4	178.9	354.7						80.	185.	11.1	185.0	1.9	.20	.01
41.2	178.7	353.9	65.	185.	26.3	185.0	4.9	72.	185.	19.3	185.0	3.5	.20	.01
46.6	178.6	353.1						85.	185.					
52.7	178.4	352.1						85.	185.					
58.5	178.2	351.3	85.	5.				86.	185.					
64.9	178.0	350.3						80.	185.	11.9	185.0	2.1	.20	.01
71.9	177.8	349.3						85.	185.					
78.0	177.6	348.4						72.	185.	20.3	185.0	3.7	.20	.01
84.1	177.5	350.8						55.	185.	37.4	185.0	7.6	.20	.03
90.5	177.5	355.9						80.	185.	12.5	185.0	2.2	.20	.01
97.5	177.6	1.4						62.	185.	30.4	185.0	5.8	.20	.02
103.0	177.6	5.7						70.	185.	22.4	185.0	4.1	.20	.01
109.4	177.6	10.7						67.	185.	25.4	185.0	4.7	.20	.02
116.1	177.6	16.0						78.	185.	14.3	185.0	2.5	.20	.01
121.6	177.6	20.3						70.	185.	22.3	185.0	4.1	.20	.01
127.7	177.7	25.1						57.	185.	35.2	185.0	7.0	.20	.02
134.6	177.7	30.5						75.	185.	17.0	185.0	3.0	.20	.01
138.7	177.7	33.7						71.	185.	21.0	185.0	3.8	.20	.01
144.5	177.7	38.3						72.	185.	19.9	185.0	3.6	.20	.01
151.2	177.7	43.6						72.	185.	19.7	185.0	3.6	.20	.01
157.9	177.8	48.8						69.	185.	22.5	185.0	4.1	.20	.01
161.5	177.8	51.7						88.	185.					
167.6	177.8	56.5						80.	185.	11.2	185.0	2.0	.20	.01
173.7	177.8	61.3						78.	185.	13.1	185.0	2.3	.20	.01
183.5	177.9	69.0						85.	185.					
186.8	177.9	71.6						74.	185.	16.7	185.0	3.0	.20	.01
193.6	177.9	76.9						74.	185.	16.5	185.0	3.0	.20	.01
201.5	177.9	83.1	85.	275.	7.1	263.1	-6.6	77.	185.	12.8	185.0	2.3	.20	.01
207.6	177.9	87.9						80.	185.	9.8	185.0	1.7	.20	.01
214.3	178.0	93.2						86.	185.					
220.7	178.0	98.2						78.	185.	11.8	185.0	2.1	.20	.01
230.7	177.9	100.0						81.	185.	8.8	185.0	1.5	.20	.01
236.8	177.9	95.3						77.	185.	12.8	185.0	2.3	.20	.01
240.5	177.8	92.4						78.	185.	11.8	185.0	2.1	.20	.01
247.8	177.7	86.8						76.	185.	13.8	185.0	2.4	.20	.01
254.5	177.6	81.6						83.	185.	6.6	185.0	1.2	.20	.00

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* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
260.9	177.6	76.7						82.	185.	7.7	185.0	1.3	.20	.00
262.7	177.5	75.3						76.	185.	14.6	185.0	2.6	.20	.01
267.6	177.5	71.5						78.	185.	12.8	185.0	2.3	.20	.01
272.8	177.4	67.5						79.	185.	12.0	185.0	2.1	.20	.01
279.8	177.3	62.1						79.	185.	12.2	185.0	2.2	.20	.01
282.9	177.3	59.7	82.	140.	7.6	140.0	6.2	76.	185.	15.4	185.0	2.7	.20	.01
288.0	177.2	55.7						70.	185.	21.7	185.0	3.9	.20	.01
294.1	177.1	51.0						85.	185.					
300.2	177.1	46.3						80.	185.	12.0	185.0	2.1	.20	.01
306.0	177.0	41.8						78.	185.	14.3	185.0	2.5	.20	.01
311.1	176.9	37.9						80.	185.	12.5	185.0	2.2	.20	.01
317.0	176.8	33.3						80.	185.	12.7	185.0	2.2	.20	.01
323.0	176.8	28.7						80.	185.	12.8	185.0	2.3	.20	.01
329.0	176.7	24.1						80.	185.	13.1	185.0	2.3	.20	.01
335.0	176.6	19.4						70.	185.	23.3	185.0	4.3	.20	.01
342.0	176.5	14.0						80.	185.	13.4	185.0	2.4	.20	.01
347.0	176.5	10.2						90.	185.	3.5	190.2	.3	.20	.00
353.0	176.4	5.5						80.	185.	13.6	185.0	2.4	.20	.01
359.0	176.3	.9						75.	185.	18.7	185.0	3.4	.20	.01
365.0	176.2	356.3						80.	185.	13.7	185.0	2.4	.20	.01
371.0	176.1	351.6						75.	185.	18.8	185.0	3.4	.20	.01
378.0	176.1	346.2						85.	185.					
384.0	176.0	343.8						80.	185.	13.6	185.0	2.4	.20	.01
390.0	175.9	346.5						75.	185.	18.8	185.0	3.4	.20	.01
396.6	175.9	349.5						70.	185.	23.9	185.0	4.4	.20	.02
402.0	175.9	351.9						85.	185.					
408.0	175.8	354.7						75.	185.	19.1	185.0	3.4	.20	.01
414.0	175.8	357.4						70.	185.	24.2	185.0	4.5	.20	.02
420.0	175.7	.1						65.	185.	29.3	185.0	5.6	.20	.02
426.0	175.7	2.8						70.	185.	24.3	185.0	4.5	.20	.02
432.0	175.7	5.5						80.	185.	14.3	185.0	2.5	.20	.01
438.0	175.6	8.2						70.	185.	24.4	185.0	4.5	.20	.02
444.0	175.6	10.9						60.	185.	34.4	185.0	6.8	.20	.02
450.0	175.5	13.6						80.	185.	14.4	185.0	2.6	.20	.01
456.0	175.5	16.3						70.	185.	24.4	185.0	4.5	.20	.02
462.0	175.4	19.0						80.	185.	14.4	185.0	2.6	.20	.01
468.0	175.4	21.8						80.	185.	14.3	185.0	2.5	.20	.01
474.0	175.4	24.5						70.	185.	24.3	185.0	4.5	.20	.02
480.0	175.3	27.2						70.	185.	24.3	185.0	4.5	.20	.02
486.0	175.3	29.9						75.	185.	19.1	185.0	3.4	.20	.01
492.0	175.2	32.6						80.	185.	14.0	185.0	2.5	.20	.01

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* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
499.4	175.2	35.9					85. 185.	9.8	215.9	-3.5	-.20	-.01
501.3	175.2	36.8					40. 185.	54.0	185.0	13.5	.19	.05
504.0	175.2	38.0					65. 185.	28.9	185.0	5.5	.20	.02
510.0	175.1	40.7					70. 185.	23.8	185.0	4.4	.20	.02
516.0	175.1	43.4					75. 185.	18.5	185.0	3.3	.20	.01
522.0	175.0	46.1					70. 185.	23.5	185.0	4.3	.20	.02
528.0	174.9	42.9					60. 185.	33.9	185.0	6.7	.20	.02
531.0	174.7	34.9					35. 185.	59.6	185.0	16.5	.19	.06
536.0	174.3	21.5					50. 185.	45.4	185.0	10.0	.20	.03
542.0	173.8	10.4					40. 185.	56.2	185.0	14.5	.19	.05
544.9	173.5	10.3					0. 185.					
550.0	173.0	10.2					75. 185.	22.0	185.0	4.0	.20	.01
556.0	172.3	10.0					70. 185.	27.7	185.0	5.2	.20	.02
562.0	171.7	9.8					60. 185.	38.3	185.0	7.8	.20	.03
568.0	171.1	9.6					70. 185.	28.9	185.0	5.5	.20	.02
574.7	170.4	9.4					80. 185.	19.5	185.0	3.5	.20	.01
580.0	169.8	9.2					80. 185.	.2	185.0	.0	.20	.00
								20.1	185.0	3.6	.20	.01
586.0	169.2	9.0					65. 185.	35.8	185.0	7.1	.20	.02
592.0	168.6	8.8					70. 185.	31.4	185.0	6.0	.20	.02
598.0	167.9	8.6					70. 185.	32.1	185.0	6.2	.20	.02
610.5	166.6	8.2					68. 185.	35.4	185.0	7.0	.20	.02
616.5	166.0	8.0					68. 185.	36.0	185.0	7.2	.20	.03
622.2	165.6	8.6					64. 185.	40.4	185.0	8.4	.20	.03
623.7	165.5	8.8					52. 185.	52.5	185.0	12.7	.20	.04
627.5	165.3	9.2					55. 185.	49.6	185.0	11.6	.20	.04
633.5	164.9	9.8					52. 185.	53.0	185.0	13.0	.19	.04
640.0	164.4	10.5					75. 185.	.6	185.0	.1	.20	.00
								30.5	185.0	5.8	.20	.02
646.0	164.1	11.1					60. 185.	45.8	185.0	10.1	.20	.04
651.5	163.7	11.7					76. 185.	2.3	185.0	.4	.20	.00
								30.1	185.0	5.7	.20	.02
657.0	163.3	12.3					70. 185.	36.5	185.0	7.3	.20	.03
663.2	162.9	12.9					72. 185.	34.8	185.0	6.9	.20	.02
668.1	162.6	13.4					80. 185.	7.5	185.0	1.3	.20	.00
								26.9	185.0	5.0	.20	.02
674.1	162.2	14.1					60. 185.	47.5	185.0	10.7	.20	.04
679.9	161.8	14.7					52. 185.	55.9	185.0	14.4	.19	.05
685.0	161.5	15.2					65. 185.	43.0	185.0	9.2	.20	.03
691.0	161.1	15.8					75. 185.	4.0	185.0	.7	.20	.00
								33.2	185.0	6.5	.20	.02

****
* DDH: 77-X-04 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
697.2	160.8	16.3						68.	185.	40.6	185.0	8.5	.20	.03
703.0	160.6	16.7						73.	185.	2.5	185.0	.4	.20	.00
										35.6	185.0	7.1	.20	.02
709.2	160.3	17.1						42.	185.	67.2	185.0	22.4	.18	.08
715.4	160.1	17.5						70.	185.	39.0	185.0	8.0	.20	.03
720.2	159.9	17.8						60.	185.	49.3	185.0	11.4	.20	.04
726.4	159.7	18.2						75.	185.	5.5	185.0	1.0	.20	.00
										34.1	185.0	6.7	.20	.02
732.4	159.4	18.6						68.	185.	41.6	185.0	8.8	.20	.03
737.9	159.2	19.0						87.	185.	17.8	199.0	-1.3	-.20	-.00
										23.8	199.0	-1.8	-.20	-.01
744.1	159.0	19.4						78.	185.	9.5	185.0	1.7	.20	.01
										31.3	185.0	6.0	.20	.02
750.0	158.7	19.8						85.	185.	16.3	199.8	-1.4	-.20	-.00
										26.3	199.8	-2.4	-.20	-.01
756.0	158.5	20.2						77.	185.	9.0	185.0	1.6	.20	.01
										32.6	185.0	6.3	.20	.02
762.1	158.3	20.6						72.	185.	3.9	185.0	.7	.20	.00
										38.1	185.0	7.7	.20	.03
768.0	158.0	21.0						69.	185.	1.0	185.0	.2	.20	.00
										41.4	185.0	8.7	.20	.03
774.0	158.1	21.1						85.	185.	16.9	201.1	-1.8	-.20	-.01
										26.9	201.1	-3.1	-.20	-.01
781.1	158.3	21.3						69.	185.	.7	185.0	.1	.20	.00
										41.1	185.0	8.6	.20	.03
787.0	158.5	21.5						69.	185.	.5	185.0	.1	.20	.00
										40.9	185.0	8.5	.20	.03
792.7	158.6	21.6						73.	185.	4.6	185.0	.8	.20	.00
										36.5	185.0	7.3	.20	.03
797.7	158.8	21.8						60.	185.	49.8	185.0	11.6	.20	.04
803.7	158.9	21.9						78.	185.	9.9	185.0	1.7	.20	.01
										30.7	185.0	5.9	.20	.02
809.7	159.1	22.1						68.	185.	41.3	185.0	8.7	.20	.03
815.2	159.2	22.2						84.	185.					

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*      DDH:  77X04R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    317351.0  NORTH: 22648459.0
                      ELEV:      1186.8


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X04R  01186.822648459003173 51 METERS
     2   R77X04R       0        180.0    0.  PREDICTED
     3   R77X04R     805        176.6  326.2 PREDICTED
     4   R77X04R    2268        175.3  178.4 PREDICTED
     5   R77X04R    3822        176.9  358.4 PREDICTED
     6   R77X04R    5261        175.1   42.7 PREDICTED
     7   R77X04R    5401        175.2   18.3 PREDICTED
     8   R77X04R    6163        167.0    8.2 PREDICTED
     9   R77X04R    6925        161.1   14.7 PREDICTED
    10   R77X04R    7687        158.2   19.8 PREDICTED
    11   R77X04R    8449        160.2   23.4 PREDICTED
    12   R77X04R     8501       160.2   23.4 PREDICTED
    13   L77X04R  00000 00040 01 #
    14   L77X04R  00040 00756 02 SB0
    15   L77X04R  00756 01070 03 SB6
    16   L77X04R  01070 01357 04 SB0
    17   L77X04R  01357 01382 05 SB6
    18   L77X04R  01382 02280 06 SB0
    19   L77X04R  02280 02404 07 SB0
    20   L77X04R  02404 03183 08 SB0
    21   L77X04R  03183 03197 09 SB6
    22   L77X04R  03197 03531 10 SB0
    23   L77X04R  03531 03636 11 SB6
    24   L77X04R  03636 04206 12 SB0
    25   L77X04R  04206 04242 13 SB6
    26   L77X04R  04242 04461 14 SB6
    27   L77X04R  04461 04947 15 SB0
    28   L77X04R  04947 05090 16 SB2
    29   L77X04R  05090 05192 17 SD8
    30   L77X04R  05192 05299 18 SD8
    31   L77X04R  05299 05408 19 SB6
    32   L77X04R  05408 05432 20 SD6
    33   L77X04R  05432 05460 21 SB6
    34   L77X04R  05460 05474 22 SD3
    35   L77X04R  05474 05564 23 SC3
    36   L77X04R  05564 05591 24 SD3
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
```

****
* DDH: 77X04R *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
```

37	L77X04R	05591	05848	25	5B2
38	L77X04R	05848	05880	26	5D6
39	L77X04R	05880	05913	27	5C3
40	L77X04R	05913	06096	28	5B2
41	L77X04R	06096	06167	30	5B6
42	L77X04R	06167	06293	31	5B0
43	L77X04R	06293	06361	32	5G0
44	L77X04R	06361	06530	33	5B0
45	L77X04R	06530	06541	34	5D3
46	L77X04R	06541	06596	35	5B2
47	L77X04R	06596	06653	36	5B6
48	L77X04R	06653	06706	37	5B2
49	L77X04R	06706	06788	38	5B0
50	L77X04R	06788	06859	39	5B2
51	L77X04R	06859	06892	40	5G6
52	L77X04R	06892	06910	41	5B2
53	L77X04R	06910	07044	42	5B2
54	L77X04R	07044	07050	43	5G6
55	L77X04R	07050	07131	44	5B2
56	L77X04R	07131	07169	45	5E0
57	L77X04R	07169	07256	46	5B2
58	L77X04R	07256	07265	47	5D6
59	L77X04R	07265	07307	48	5B6
60	L77X04R	07307	07331	49	5D6
61	L77X04R	07331	07388	50	5B6
62	L77X04R	07388	07456	51	5B2
63	L77X04R	07456	07498	52	5C3
64	L77X04R	07498	07590	53	5B6
65	L77X04R	07590	07625	54	5B2
66	L77X04R	07625	07718	55	5G0
67	L77X04R	07718	07797	56	5B6
68	L77X04R	07797	07830	57	5B6
69	L77X04R	07830	07886	58	5B4
70	L77X04R	07886	07903	59	4C7
71	L77X04R	07903	07910	60	4E0
72	L77X04R	07910	07916	61	4C5
73	L77X04R	07916	07951	62	4C7
74	L77X04R	07951	07989	63	5B4
75	L77X04R	07989	07997	64	4E1
76	L77X04R	07997	08004	65	5B4
77	L77X04R	08004	08006	66	5A1
78	L77X04R	08006	08011	67	4E1

```
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X04R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  79   L77X04R  08011 08013 68 5A1
  80   L77X04R  08013 08196 69 5B0
  81   L77X04R  08196 08220 70 5A1
  82   L77X04R  08220 08226 71 5A*
  83   L77X04R  08226 08244 72 3H0
  84   L77X04R  08244 08251 73 5A*
  85   L77X04R  08251 08259 74 5F0
  86   L77X04R  08259 08266 75 5A*
  87   L77X04R  08266 08276 76 5F0
  88   L77X04R  08276 08357 77 3D1
  89   L77X04R  08357 08501 79 0C0
  90   S77X04R         00076 CS2 Z        74185
  91   S77X04R         00131 CS2          81185
  92   S77X04R         00183 CS2          77185
  93   S77X04R         00250 CS2          76185
  94   S77X04R         00294 CS2   77005  77185
  95   S77X04R         00354 CS2          80185
  96   S77X04R         00412 CS2   65185  72185
  97   S77X04R  00420  00511       3
  98   S77X04R         00466 CS2 3        85185
  99   S77X04R         00527 CS2          85185
 100   S77X04R         00585 CS2   85005  86185
 101   S77X04R         00649 CS2          80185
 102   S77X04R         00719 CS2          85185
 103   S77X04R         00780 CS2          72185
 104   S77X04R         00841 CS2          55185
 105   S77X04R         00905 CS2          80185
 106   S77X04R         00975 CS2          62185
 107   S77X04R         01030 CS2          70185
 108   S77X04R         01094 CS2          67185
 109   S77X04R         01161 CS2          78185
 110   S77X04R         01171       E
 111   S77X04R         01216 CS2          70185
 112   S77X04R         01277 CS2          57185
 113   S77X04R         01346 CS2          75185
 114   S77X04R         01347       3
 115   S77X04R         01387 CS2          71185
 116   S77X04R         01445 CS2          72185
 117   S77X04R         01512 CS2          72185
 118   S77X04R         01579 CS2          69185
 119   S77X04R         01615 CS2          88185
 120   S77X04R         01676 CS2          80185
       1........1.........2.........3.........4.........5.........6.........7.........8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X04R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S77X04R	01737	CS2		78185	
122	S77X04R	01835	CS2		85185	
123	S77X04R	01868	CS2		74185	
124	S77X04R	01897		E		
125	S77X04R	01936	CS2		74185	
126	S77X04R	02015	CS2	85275	77185	
127	S77X04R	02026		3		
128	S77X04R	02076	CS2		80185	
129	S77X04R	02143	CS2		86185	
130	S77X04R	02153		E		
131	S77X04R	02207	CS2		78185	
132	S77X04R	02268		3		
133	S77X04R	02307	CS2		81185	
134	S77X04R	02368	CS2		77185	
135	S77X04R	02405	CS2		78185	
136	S77X04R	02478	CS2		76185	
137	S77X04R	02545	CS2		83185	
138	S77X04R	02609	CS2		82185	
139	S77X04R	02627	CS2		76185	
140	S77X04R	02637		E		
141	S77X04R	02676	CS2		78185	
142	S77X04R	02728	CS2		79185	
143	S77X04R	02784		3		
144	S77X04R	02798	CS2		79185	
145	S77X04R	02812		E		
146	S77X04R	02829	CS2	82140	76185	
147	S77X04R	02880	CS2		70185	
148	S77X04R	02908		3		
149	S77X04R	02941	CS2		85185	
150	S77X04R	03002	CS2		80185	
151	S77X04R	03060	CS2		78185	
152	S77X04R	03092		E		
153	S77X04R	03111	CS2		80185	
154	S77X04R	03170	CS2		80185	
155	S77X04R	03226		3		
156	S77X04R	03230	CS2		80185	
157	S77X04R	03290	CS2		80185	
158	S77X04R	03350	CS2		70185	
159	S77X04R	03420	CS2		80185	
160	S77X04R	03463		E		
161	S77X04R	03470	CS2		90185	
162	S77X04R	03530	CS2		80185	

****
* DDH: 77X04R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
         1         2         3         4         5         6         7         8
1........0.........0.........0.........0.........0.........0.........0.........0.
```

163	S77X04R		03590	CS2		75185
164	S77X04R		03647		3	
165	S77X04R		03650	CS2		80185
166	S77X04R		03710	CS2		75185
167	S77X04R		03727		E	
168	S77X04R		03780	CS2		85185
169	S77X04R		03840	CS2		80185
170	S77X04R	03852	03945		3	
171	S77X04R		03900	CS2		75185
172	S77X04R		03966	CS2		70185
173	S77X04R		04020	CS2		85185
174	S77X04R		04080	CS2		75185
175	S77X04R		04140	CS2		70185
176	S77X04R		04200	CS2		65185
177	S77X04R		04260	CS2		70185
178	S77X04R		04320	CS2		80185
179	S77X04R		04351		E	
180	S77X04R		04380	CS2		70185
181	S77X04R		04440	CS2		60185
182	S77X04R		04500	CS2		80185
183	S77X04R		04560	CS2		70185
184	S77X04R		04580		3	
185	S77X04R		04620	CS2		80185
186	S77X04R		04680	CS2		80185
187	S77X04R		04740	CS2		70185
188	S77X04R		04800	CS2		70185
189	S77X04R		04825		E	
190	S77X04R		04860	CS2		75185
191	S77X04R		04886		3	
192	S77X04R		04920	CS2	S	80185
193	S77X04R	04940	05310	PS2		
194	S77X04R		04994	CS2		85185
195	S77X04R		05013	CS2		40185
196	S77X04R		05040	CS2		65185
197	S77X04R		05100	CS2		70185
198	S77X04R		05160	CS2		75185
199	S77X04R		05220	CS2		70185
200	S77X04R		05280	CS2		60185
201	S77X04R		05310	CS2	Z	35185
202	S77X04R		05360	CS2		50185
203	S77X04R		05420	CS2		40185
204	S77X04R		05449	CS2		00185

```
1........1.........2.........3.........4.........5.........6.........7.........8
          0         0         0         0         0         0         0         0
```

****
* DDH: 77X04R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
     1....0....0....0....0....0....0....0....0....0....0....0....0....0....0....0.
205  S77X04R        05500 CS2          75185
206  S77X04R        05560 CS2          70185
207  S77X04R        05591 CS2 Z
208  S77X04R        05620 CS2 S        60185
209  S77X04R        05680 CS2          70185
210  S77X04R        05747 CS2          80185
211  S77X04R        05800 CS2          80185
212  S77X04R        05860 CS2          65185
213  S77X04R        05920 CS2          70185
214  S77X04R        05980 CS2          70185
215  S77X04R        06009 CS2 E
216  S77X04R        06042 CS2 3
217  S77X04R        06068     E
218  S77X04R        06105 CS2          68185
219  S77X04R        06165 CS2          68185
220  S77X04R        06222 CS2          64185
221  S77X04R        06228     3
222  S77X04R        06237 CS2          52185
223  S77X04R        06256     E
224  S77X04R        06275 CS2          55185
225  S77X04R        06335 CS2          52185
226  S77X04R        06400 CS2          75185
227  S77X04R        06460 CS2          60185
228  S77X04R        06515 CS2          76185
229  S77X04R        06524     3
230  S77X04R        06570 CS2          70185
231  S77X04R        06601     3
232  S77X04R        06632 CS2          72185
233  S77X04R        06681 CS2          80185
234  S77X04R        06741 CS2          60185
235  S77X04R        06799 CS2          52185
236  S77X04R        06850 CS2          65185
237  S77X04R        06860     E
238  S77X04R        06910 CS2          75185
239  S77X04R        06972 CS2          68185
240  S77X04R        07003     3
241  S77X04R        07030 CS2          73185
242  S77X04R        07069     E
243  S77X04R        07092 CS2          42185
244  S77X04R        07154 CS2          70185
245  S77X04R        07194     3
246  S77X04R        07202 CS2          60185
     1.....1.....2.....3.....4.....5.....6.....7.....8
           0     0     0     0     0     0     0     0
```

```
**************************
*      DDH:  77X04R      *
**************************

----  DRILLHOLE DATA ( CONTINUED);  DEPTHS IN METERS  ----

                1         2         3         4         5         6         7         8
      .1.......0.........0.........0.........0.........0.........0.........0.........0.
  247 S77X04R         07209     E
  248 S77X04R         07264 CS2          75185
  249 S77X04R         07324 CS2          68185
  250 S77X04R         07379 CS2          87185
  251 S77X04R         07441 CS2          78185
  252 S77X04R         07443     3
  253 S77X04R         07500 CS2          85185
  254 S77X04R         07560 CS2          77185
  255 S77X04R         07577     E
  256 S77X04R         07621 CS2          72185
  257 S77X04R         07666     Z
  258 S77X04R         07680 CS2          69185
  259 S77X04R         07740 CS2          85185
  260 S77X04R         07745     S
  261 S77X04R         07811 CS2          69185
  262 S77X04R         07870 CS2          69185
  263 S77X04R         07927 CS2          73185
  264 S77X04R         07977 CS2          60185
  265 S77X04R         08019     E
  266 S77X04R         08037 CS2          78185
  267 S77X04R         08097 CS2          68185
  268 S77X04R         08152 CS2          84185
  269 P77X04R  07886  07903  002625
  270 P77X04R  07903  07916  002626
  271 P77X04R  07916  07936  002627
  272 P77X04R  07989  07997  002628
  273 A77X04R  788.6790.3    2625 1.7    27 0.57  053  110 -.50.09 272-.5 -.5 -.5 -
  274 A77X04R  790.3791.6    2626 1.3   288 2.88  345  633 -.50.21 170-.5 -.5 -.5 -
  275 A77X04R  791.6793.6    2627 2.0    -.1 0.02  001    3 -.50.12 051-.5 -.5 -.5 -
  276 A77X04R  793.6799.7    2628 6.1   418 2.37  592  829 -.50.18 272-.5 -.5 -.5 -
      1.......1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0


DDH:  77X04R  -- SUMMARY OF DATA INPUT

                RECORDS READ =  276   RELEASED TO SORT  326
                TYPE-L =   77
                TYPE-P =    4
                TYPE-R =   11
                TYPE-S =  179
                TYPE-X =   42
                TYPE-A =    8
                TYPE-V =    4   (GENERATED TO DEPTH:  840.0 METERS )

    DRILLHOLE TRUE DEPTH (VERTICAL) =   850.1 METERS
```

****
* DDH: 77X04R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 317351.0 NORTH: 22648459.0
ELEV: 1186.8

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	80.50	METERS
	ZENITH ANG:	180.00	-	176.60	
	AZIMUTH:	0.	-	326.20	
BOREHOLE SECTION 2 --	DEPTH:	80.50	-	226.80	METERS
	ZENITH ANG:	176.60	-	175.30	
	AZIMUTH:	326.20	-	178.40	

HOLE ASSUMED VERTICAL AT DEPTH 142.45

BOREHOLE SECTION 3 --	DEPTH:	226.80	-	382.20	METERS
	ZENITH ANG:	175.30	-	176.90	
	AZIMUTH:	178.40	-	358.40	

HOLE ASSUMED VERTICAL AT DEPTH 321.19

BOREHOLE SECTION 4 --	DEPTH:	382.20	-	526.10	METERS
	ZENITH ANG:	176.90	-	175.10	
	AZIMUTH:	358.40	-	42.70	
BOREHOLE SECTION 5 --	DEPTH:	526.10	-	540.10	METERS
	ZENITH ANG:	175.10	-	175.20	
	AZIMUTH:	42.70	-	18.30	
BOREHOLE SECTION 6 --	DEPTH:	540.10	-	616.30	METERS
	ZENITH ANG:	175.20	-	167.00	
	AZIMUTH:	18.30	-	8.20	
BOREHOLE SECTION 7 --	DEPTH:	616.30	-	692.50	METERS
	ZENITH ANG:	167.00	-	161.10	
	AZIMUTH:	8.20	-	14.70	
BOREHOLE SECTION 8 --	DEPTH:	692.50	-	768.70	METERS
	ZENITH ANG:	161.10	-	158.20	
	AZIMUTH:	14.70	-	19.80	
BOREHOLE SECTION 9 --	DEPTH:	768.70	-	844.90	METERS
	ZENITH ANG:	158.20	-	160.20	
	AZIMUTH:	19.80	-	23.40	
BOREHOLE SECTION 10 --	DEPTH:	844.90	-	850.10	METERS
	ZENITH ANG:	160.20	-	160.20	

AZIMUTH: 23.40 - 23.40

FINISHED -- BOREHOLE LENGTH = 850.10 METERS
FILE SIZE = 326

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
4.0	L	01 #									4.0	-.0	.0	179.8	358.3
7.6	S				CS2	Z			74.	185.	7.6	-.0	.0	179.7	356.8
13.1	S				CS2				81.	185.	13.1	-.0	.1	179.4	354.5
18.3	S				CS2				77.	185.	18.3	-.0	.1	179.2	352.3
25.0	S				CS2				76.	185.	25.0	-.0	.2	178.9	349.5
29.4	S				CS2		77.	5.	77.	185.	29.4	-.0	.3	178.8	347.7
35.4	S				CS2				80.	185.	35.4	-.1	.5	178.5	345.1
41.2	S				CS2		65.	185.	72.	185.	41.2	-.1	.6	178.3	342.7
46.6	S				CS2	3			85.	185.	46.6	-.2	.8	178.0	340.4
51.1	S					3					51.1	-.2	.9	177.8	338.5
52.7	S				CS2				85.	185.	52.7	-.3	1.0	177.8	337.9
58.5	S				CS2		85.	5.	86.	185.	58.5	-.4	1.2	177.5	335.4
64.9	S				CS2				80.	185.	64.9	-.5	1.5	177.3	332.8
71.9	S				CS2				85.	185.	71.9	-.6	1.8	177.0	329.8
75.6	L	02 5B0									75.6	-.8	1.9	176.8	328.3
78.0	S				CS2				72.	185.	78.0	-.8	2.1	176.7	327.2
80.5	R										80.5	-.9	2.2	176.6	326.2
84.1	S				CS2				55.	185.	84.0	-1.0	2.4	176.6	322.6
90.5	S				CS2				80.	185.	90.4	-1.2	2.6	176.5	316.1
97.5	S				CS2				62.	185.	97.4	-1.4	2.9	176.4	309.0
103.0	S				CS2				70.	185.	102.9	-1.5	3.1	176.4	303.5
107.0	L	03 5B6									106.9	-1.5	3.2	176.4	299.4
109.4	S				CS2				67.	185.	109.3	-1.6	3.3	176.3	297.0
116.1	S				CS2				78.	185.	116.0	-1.7	3.5	176.3	290.2
117.1	S					E					117.0	-1.7	3.5	176.3	289.2
121.6	S				CS2				70.	185.	121.5	-1.7	3.6	176.2	284.7
127.7	S				CS2				57.	185.	127.6	-1.8	3.7	176.2	278.5
134.6	S				CS2				75.	185.	134.5	-1.8	3.8	176.1	271.5
134.7	S					3					134.6	-1.8	3.8	176.1	271.4
135.7	L	04 5B0									135.6	-1.8	3.8	176.1	270.4
138.2	L	05 5B6									138.1	-1.8	3.8	176.1	267.9
138.7	S				CS2				71.	185.	138.6	-1.8	3.8	176.1	267.4
144.5	S				CS2				72.	185.	144.4	-1.8	3.8	176.0	261.5
151.2	S				CS2				72.	185.	151.1	-1.8	3.8	176.0	254.8
157.9	S				CS2				69.	185.	157.8	-1.8	3.7	175.9	248.0
161.5	S				CS2				88.	185.	161.4	-1.8	3.6	175.9	244.4
167.6	S				CS2				80.	185.	167.5	-1.7	3.5	175.8	238.2

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
173.7	S				CS2				78.	185.	173.6	-1.7	3.3	175.8	232.0
183.5	S				CS2				85.	185.	183.4	-1.6	3.0	175.7	222.1
186.8	S				CS2				74.	185.	186.7	-1.6	2.9	175.7	218.8
189.7	S					E					189.6	-1.6	2.7	175.6	215.9
193.6	S				CS2				74.	185.	193.5	-1.5	2.6	175.6	211.9
201.5	S				CS2		85.	275.	77.	185.	201.4	-1.5	2.2	175.5	204.0
202.6	S					3					202.5	-1.5	2.1	175.5	202.8
207.6	S				CS2				80.	185.	207.5	-1.4	1.8	175.5	197.8
214.3	S				CS2				86.	185.	214.2	-1.4	1.4	175.4	191.0
215.3	S					E					215.2	-1.4	1.3	175.4	190.0
220.7	S				CS2				78.	185.	220.5	-1.4	.9	175.4	184.6
226.8	S					3					226.6	-1.3	.4	175.3	178.4
226.8	R										226.6	-1.3	.4	175.3	178.4
228.0	L	06 580									227.8	-1.3	.3	175.3	179.8
230.7	S				CS2				81.	185.	230.5	-1.3	.1	175.3	182.9
236.8	S				CS2				77.	185.	236.6	-1.3	-.3	175.4	190.0
240.4	L	07 580									240.2	-1.3	-.6	175.4	194.2
240.5	S				CS2				78.	185.	240.3	-1.3	-.6	175.4	194.3
247.8	S				CS2				76.	185.	247.6	-1.3	-1.1	175.5	202.7
254.5	S				CS2				83.	185.	254.3	-1.3	-1.5	175.6	210.5
260.9	S				CS2				82.	185.	260.6	-1.3	-1.9	175.7	217.9
262.7	S				CS2				76.	185.	262.4	-1.3	-2.0	175.7	220.0
263.7	S					E					263.4	-1.3	-2.0	175.7	221.1
267.6	S				CS2				78.	185.	267.3	-1.3	-2.2	175.7	225.7
272.8	S				CS2				79.	185.	272.5	-1.3	-2.4	175.8	231.7
278.4	S					3					278.1	-1.3	-2.6	175.8	238.2
279.8	S				CS2				79.	185.	279.5	-1.3	-2.7	175.8	239.8
281.2	S					E					280.9	-1.3	-2.7	175.9	241.4
282.9	S				CS2		82.	140.	76.	185.	282.6	-1.3	-2.8	175.9	243.4
288.0	S				CS2				70.	185.	287.7	-1.2	-3.0	175.9	249.3
290.8	S					3					290.5	-1.2	-3.0	176.0	252.5
294.1	S				CS2				85.	185.	293.8	-1.2	-3.1	176.0	256.4
300.2	S				CS2				80.	185.	299.9	-1.2	-3.3	176.1	263.4
306.0	S				CS2				78.	185.	305.7	-1.2	-3.3	176.1	270.1
309.2	S					E					308.9	-1.2	-3.4	176.1	273.8
311.1	S				CS2				80.	185.	310.8	-1.2	-3.4	176.2	276.0
317.0	S				CS2				80.	185.	316.7	-1.2	-3.4	176.2	282.9
318.3	L	08 580									318.0	-1.2	-3.4	176.2	284.4
319.7	L	09 586									319.4	-1.2	-3.4	176.3	286.0
322.6	S					3					322.3	-1.2	-3.4	176.3	289.4

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
323.0	S				CS2				80.	185.	322.7	-1.2	-3.4	176.3	289.8
329.0	S				CS2				80.	185.	328.7	-1.2	-3.4	176.4	296.8
335.0	S				CS2				70.	185.	334.7	-1.2	-3.4	176.4	303.7
342.0	S				CS2				80.	185.	341.7	-1.2	-3.3	176.5	311.8
346.3	S					E					346.0	-1.2	-3.2	176.5	316.8
347.0	S				CS2				90.	185.	346.7	-1.2	-3.2	176.5	317.6
353.0	S				CS2				80.	185.	352.7	-1.2	-3.0	176.6	324.6
353.1	L	10 5B0									352.8	-1.2	-3.0	176.6	324.7
359.0	S				CS2				75.	185.	358.7	-1.3	-2.8	176.7	331.5
363.6	L	11 5B6									363.3	-1.3	-2.7	176.7	336.9
364.7	S					3					364.4	-1.3	-2.6	176.7	338.1
365.0	S				CS2				80.	185.	364.7	-1.3	-2.6	176.7	338.5
371.0	S				CS2				75.	185.	370.7	-1.3	-2.4	176.8	345.4
372.7	S					E					372.4	-1.3	-2.3	176.8	347.4
378.0	S				CS2				85.	185.	377.7	-1.3	-2.1	176.9	353.5
382.2	R										381.9	-1.3	-1.8	176.9	358.4
384.0	S				CS2				80.	185.	383.7	-1.3	-1.7	176.9	359.0
390.0	S				CS2				75.	185.	389.7	-1.3	-1.4	176.8	.8
394.5	S					3					394.2	-1.3	-1.2	176.7	2.2
396.6	S				CS2				70.	185.	396.3	-1.3	-1.0	176.7	2.8
402.0	S				CS2				85.	185.	401.7	-1.3	-.7	176.7	4.5
408.0	S				CS2				75.	185.	407.6	-1.2	-.4	176.6	6.3
414.0	S				CS2				70.	185.	413.6	-1.2	-.0	176.5	8.2
420.0	S				CS2				65.	185.	419.6	-1.1	.3	176.4	10.0
420.6	L	12 5B0									420.2	-1.1	.4	176.4	10.2
424.2	L	13 5B6									423.8	-1.1	.6	176.4	11.3
426.0	S				CS2				70.	185.	425.6	-1.0	.7	176.4	11.9
432.0	S				CS2				80.	185.	431.6	-1.0	1.1	176.3	13.7
435.1	S					E					434.7	-.9	1.3	176.2	14.7
438.0	S				CS2				70.	185.	437.6	-.9	1.5	176.2	15.6
444.0	S				CS2				60.	185.	443.6	-.7	1.9	176.1	17.4
446.1	L	14 5B6									445.7	-.7	2.0	176.1	18.1
450.0	S				CS2				80.	185.	449.6	-.6	2.2	176.1	19.3
456.0	S				CS2				70.	185.	455.5	-.5	2.6	176.0	21.1
458.0	S					3					457.5	-.4	2.8	176.0	21.7
462.0	S				CS2				80.	185.	461.5	-.3	3.0	175.9	23.0
468.0	S				CS2				80.	185.	467.5	-.1	3.4	175.8	24.8
474.0	S				CS2				70.	185.	473.5	.1	3.8	175.8	26.7
480.0	S				CS2				70.	185.	479.5	.3	4.2	175.7	28.5
482.5	S					E					482.0	.4	4.4	175.6	29.3

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
486.0	S				CS2				75.	185.	485.5	.5	4.6	175.6	30.4
488.6	S					3					488.1	.6	4.8	175.6	31.2
492.0	S				CS2	S			80.	185.	491.4	.7	5.0	175.5	32.2
494.7	L	15 5B0									494.1	.8	5.2	175.5	33.0
499.4	S				CS2				85.	185.	498.8	1.0	5.5	175.4	34.5
501.3	S				CS2				40.	185.	500.7	1.1	5.6	175.4	35.1
504.0	S				CS2				65.	185.	503.4	1.3	5.8	175.4	35.9
509.0	L	16 5B2									508.4	1.5	6.1	175.3	37.4
510.0	S				CS2				70.	185.	509.4	1.6	6.2	175.3	37.7
516.0	S				CS2				75.	185.	515.4	1.9	6.6	175.2	39.6
519.2	L	17 5D8									518.6	2.0	6.8	175.2	40.6
522.0	S				CS2				70.	185.	521.3	2.2	7.0	175.2	41.4
526.1	R										525.4	2.4	7.2	175.1	42.7
528.0	S				CS2				60.	185.	527.3	2.5	7.3	175.1	39.4
529.9	L	18 5D8									529.2	2.6	7.5	175.1	36.1
531.0	S				CS2	Z			35.	185.	530.3	2.7	7.6	175.1	34.2
531.0	S				PS2						530.3	2.7	7.6	175.1	34.2
536.0	S				CS2				50.	185.	535.3	2.9	7.9	175.2	25.4
540.1	R										539.4	3.0	8.2	175.2	18.3
540.8	L	19 5B6									540.1	3.0	8.3	175.1	18.2
542.0	S				CS2				40.	185.	541.3	3.1	8.4	175.0	18.0
543.2	L	20 5D6									542.5	3.1	8.5	174.9	17.9
544.9	S				CS2					185.	544.2	3.1	8.6	174.7	17.7
546.0	L	21 5B6									545.3	3.2	8.7	174.6	17.5
547.4	L	22 5D3									546.7	3.2	8.9	174.4	17.3
550.0	S				CS2				75.	185.	549.2	3.3	9.1	174.1	17.0
556.0	S				CS2				70.	185.	555.2	3.5	9.7	173.5	16.2
556.4	L	23 5C3									555.6	3.5	9.8	173.4	16.1
559.1	L	24 5D3									558.3	3.6	10.1	173.2	15.8
559.1	S				CS2	Z					558.3	3.6	10.1	173.2	15.8
562.0	S				CS2	S			60.	185.	561.2	3.7	10.4	172.8	15.4
568.0	S				CS2				70.	185.	567.1	3.9	11.2	172.2	14.6
574.7	S				CS2				80.	185.	573.7	4.1	12.1	171.5	13.7
580.0	S				CS2				80.	185.	579.0	4.3	12.9	170.9	13.0
584.8	L	25 5B2									583.7	4.5	13.6	170.4	12.4
586.0	S				CS2				65.	185.	584.9	4.5	13.8	170.3	12.2
588.0	L	26 5D6									586.9	4.6	14.2	170.0	12.0
591.3	L	27 5C3									590.1	4.7	14.7	169.7	11.5

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
592.0	S				CS2				70.	185.	590.8	4.7	14.9	169.6	11.4
598.0	S				CS2				70.	185.	596.7	4.9	16.0	169.0	10.6
600.9	S				CS2	E					599.5	5.0	16.5	168.7	10.2
604.2	S				CS2	3					602.8	5.2	17.2	168.3	9.8
606.8	S					E					605.3	5.2	17.7	168.0	9.5
609.6	L	28 5B2									608.1	5.3	18.3	167.7	9.1
610.5	S				CS2				68.	185.	608.9	5.4	18.5	167.6	9.0
616.3	R										614.6	5.6	19.7	167.0	8.2
616.5	S				CS2				68.	185.	614.8	5.6	19.8	167.0	8.2
616.7	L	30 5B6									615.0	5.6	19.8	167.0	8.2
622.2	S				CS2				64.	185.	620.3	5.8	21.1	166.5	8.7
622.8	S					3					620.9	5.8	21.2	166.5	8.8
623.7	S				CS2				52.	185.	621.8	5.8	21.4	166.4	8.8
625.6	S					E					623.7	5.9	21.9	166.3	9.0
627.5	S				CS2				55.	185.	625.5	6.0	22.3	166.1	9.2
629.3	L	31 5B0									627.2	6.0	22.7	166.0	9.3
633.5	S				CS2				52.	185.	631.3	6.2	23.7	165.7	9.7
636.1	L	32 5G0									633.8	6.3	24.4	165.5	9.9
640.0	S				CS2				75.	185.	637.6	6.5	25.4	165.2	10.2
646.0	S				CS2				60.	185.	643.4	6.8	26.9	164.7	10.7
651.5	S				CS2				76.	185.	648.7	7.0	28.3	164.3	11.2
652.4	S					3					649.6	7.1	28.6	164.2	11.3
653.0	L	33 5B0									650.1	7.1	28.7	164.2	11.3
654.1	L	34 5D3									651.2	7.2	29.0	164.1	11.4
657.0	S				CS2				70.	185.	654.0	7.3	29.8	163.8	11.7
659.6	L	35 5B2									656.5	7.5	30.5	163.6	11.9
660.1	S					3					657.0	7.5	30.7	163.6	11.9
663.2	S				CS2				72.	185.	659.9	7.7	31.5	163.4	12.2
665.3	L	36 5B6									661.9	7.8	32.1	163.2	12.4
668.1	S				CS2				80.	185.	664.6	8.0	32.9	163.0	12.6
670.6	L	37 5B2									667.0	8.2	33.6	162.8	12.8
674.1	S				CS2				60.	185.	670.4	8.4	34.6	162.5	13.1
678.8	L	38 5B0									674.8	8.7	36.0	162.2	13.5
679.9	S				CS2				52.	185.	675.9	8.8	36.4	162.1	13.6
685.0	S				CS2				65.	185.	680.7	9.2	37.9	161.7	14.1
685.9	L	39 5B2									681.6	9.3	38.2	161.6	14.1
686.0	S					E					681.7	9.3	38.2	161.6	14.1
689.2	L	40 5G6									684.7	9.5	39.2	161.4	14.4
691.0	L	41 5B2									686.4	9.7	39.7	161.2	14.6
691.0	S				CS2				75.	185.	686.4	9.7	39.7	161.2	14.6

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA	STRUCTURAL LOG S1 DIPD	STRUCTURAL LOG S2 CA	STRUCTURAL LOG S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
692.5	R										687.8	9.8	40.2	161.1	14.7
697.2	S				CS2				68.	185.	692.3	10.2	41.7	160.9	15.0
700.3	S					3					695.2	10.4	42.7	160.8	15.2
703.0	S				CS2				73.	185.	697.8	10.7	43.5	160.7	15.4
704.4	L	42 5B2									699.1	10.8	44.0	160.6	15.5
705.0	L	43 5G6									699.6	10.8	44.2	160.6	15.5
706.9	S					E					701.4	11.0	44.8	160.6	15.7
709.2	S				CS2				42.	185.	703.6	11.2	45.5	160.5	15.8
713.1	L	44 5B2									707.3	11.6	46.8	160.3	16.1
715.4	S				CS2				70.	185.	709.4	11.8	47.5	160.2	16.2
716.9	L	45 5E0									710.9	11.9	48.0	160.2	16.3
719.4	S					3					713.2	12.2	48.8	160.1	16.5
720.2	S				CS2				60.	185.	714.0	12.3	49.1	160.0	16.6
720.9	S					E					714.6	12.3	49.3	160.0	16.6
725.6	L	46 5B2									719.0	12.8	50.9	159.8	16.9
726.4	S				CS2				75.	185.	719.8	12.9	51.1	159.8	17.0
726.5	L	47 5D6									719.9	12.9	51.2	159.8	17.0
730.7	L	48 5B6									723.8	13.3	52.5	159.6	17.3
732.4	S				CS2				68.	185.	725.4	13.5	53.1	159.6	17.4
733.1	L	49 5D6									726.1	13.6	53.3	159.6	17.4
737.9	S				CS2				87.	185.	730.6	14.1	55.0	159.4	17.7
738.8	L	50 5B6									731.4	14.2	55.3	159.3	17.8
744.1	S				CS2				78.	185.	736.4	14.8	57.0	159.1	18.2
744.3	S					3					736.5	14.8	57.1	159.1	18.2
745.6	L	51 5B2									737.8	14.9	57.5	159.1	18.3
749.8	L	52 5C3									741.7	15.4	59.0	158.9	18.5
750.0	S				CS2				85.	185.	741.9	15.4	59.0	158.9	18.5
756.0	S				CS2				77.	185.	747.5	16.1	61.1	158.7	19.0
757.7	S					E					749.0	16.3	61.7	158.6	19.1
759.0	L	53 5B6									750.3	16.5	62.1	158.6	19.2
762.1	S				CS2				72.	185.	753.1	16.8	63.2	158.5	19.4
762.5	L	54 5B2									753.5	16.9	63.3	158.4	19.4
766.6	S					Z					757.3	17.4	64.8	158.3	19.7
768.0	S				CS2				69.	185.	758.6	17.6	65.3	158.2	19.8

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
768.7	R								759.3	17.7	65.5	158.2	19.8
771.8	L	55 5G0							762.2	18.1	66.6	158.3	19.9
774.0	S				CS2			85. 185.	764.2	18.3	67.3	158.3	20.1
774.5	S					S			764.7	18.4	67.5	158.4	20.1
779.7	L	56 5B6							769.5	19.1	69.3	158.5	20.3
781.1	S				CS2			69. 185.	770.8	19.2	69.8	158.5	20.4
783.0	L	57 5B6							772.6	19.5	70.4	158.6	20.5
787.0	S				CS2			69. 185.	776.3	20.0	71.8	158.7	20.7
788.6	L	58 5B4							777.8	20.2	72.4	158.7	20.7
789.5	P		2625	2.					778.6	20.3	72.6	158.7	20.8
790.3	L	59 4C7							779.4	20.4	72.9	158.8	20.8
791.0	P		2626	1.					780.0	20.5	73.2	158.8	20.9
791.0	L	60 4E0							780.0	20.5	73.2	158.8	20.9
791.6	L	61 4C5							780.6	20.6	73.4	158.8	20.9
792.6	P		2627	2.					781.5	20.7	73.7	158.8	20.9
792.7	S				CS2			73. 185.	781.6	20.7	73.7	158.8	20.9
795.1	L	62 4C7							783.8	21.0	74.6	158.9	21.0
797.7	S				CS2			60. 185.	786.3	21.4	75.4	159.0	21.2
798.9	L	63 5B4							787.4	21.5	75.8	159.0	21.2
799.3	P		2628	1.					787.8	21.6	76.0	159.0	21.2
799.7	L	64 4E1							788.1	21.6	76.1	159.0	21.3
800.4	L	65 5B4							788.8	21.7	76.3	159.0	21.3
800.6	L	66 5A1							789.0	21.7	76.4	159.0	21.3
801.1	L	67 4E1							789.4	21.8	76.6	159.1	21.3
801.3	L	68 5A1							789.6	21.8	76.6	159.1	21.3
801.9	S					E			790.2	21.9	76.8	159.1	21.4
803.7	S				CS2			78. 185.	791.9	22.1	77.4	159.1	21.5
809.7	S				CS2			68. 185.	797.5	22.9	79.4	159.3	21.7
815.2	S				CS2			84. 185.	802.6	23.7	81.2	159.4	22.0
819.6	L	69 5B0							806.7	24.2	82.6	159.5	22.2
822.0	L	70 5A1							809.0	24.6	83.4	159.6	22.3
822.6	L	71 5A*							809.6	24.6	83.6	159.6	22.3
824.4	L	72 3H0							811.2	24.9	84.2	159.7	22.4
825.1	L	73 5A*							811.9	25.0	84.4	159.7	22.5
825.9	L	74 5F0							812.7	25.1	84.7	159.7	22.5
826.6	L	75 5A*							813.3	25.2	84.9	159.7	22.5
827.6	L	76 5F0							814.2	25.3	85.2	159.7	22.6
835.7	L	77 3D1							821.9	26.4	87.8	160.0	23.0

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
844.9	R										830.5	27.6	90.7	160.2	23.4
850.1	L	79 0C0									835.4	28.3	92.3	160.2	23.4
850.1	R										835.4	28.3	92.3	160.2	23.4

****
* DDH: 77X04R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
789.5	2625	1.7	2.7	.57	.53	1.10	-.50	.09	2.72	-.500	-.50	-.50	0.
791.0	2626	1.3	28.8	2.88	3.45	6.33	-.50	.21	1.70	-.500	-.50	-.50	0.
792.6	2627	2.0	-.1	.02	.01	.03	-.50	.12	.51	-.500	-.50	-.50	0.
796.6	2628	6.1	41.8	2.37	5.92	8.29	-.50	.18	2.72	-.500	-.50	-.50	0.

FINISHED -- LENGTH = 850.10 METERS ENTRIES = 326

****
* DDH: 77X-05 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 531

POINTS = 530 MAX DDH DEPTH = 879.4 METERS
MAX TRUE DEPTH = 868.4 METERS
EASTING: -90.4 - 0. METERS
NORTHING: -9.5 - 50.0 METERS

TYPE C DATA (CONTACTS) ----- 113
TYPE F DATA (PLANES) ------- 148
TYPE P DATA (SAMPLES) ------ 37
TYPE S DATA (SYMMETRY) ----- 68
TYPE X DATA (REF MARKERS) -- 43
TYPE A DATA (SAMPLE MARKERS) 74
TYPE V DATA (ASSAY VALUES)-- 37

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	1.3	01 #	30	285.1	30 5D3	59	590.0	59 5D4	88	673.6	88 5D3
2	51.1	02 5B0	31	299.9	31 5B0	60	594.3	60 4G0	89	675.0	89 4E8
3	54.6	03 5D3	32	302.2	32 5B6	61	595.2	61 4E6	90	706.7	90 5B1
4	56.8	04 5C3	33	330.4	33 5B6	62	598.3	62 4G0	91	707.7	91 5B6
5	59.4	05 5D3	34	338.5	34 5D3	63	602.3	63 4C6	92	709.0	92 4C7
6	64.0	06 5B6	35	340.1	35 5B0	64	606.3	64 4G0	93	715.4	93 4G1
7	72.9	07 5C6	36	343.1	36 5B6	65	608.3	65 4C6	94	716.0	94 4A0
8	73.5	08 5D6	37	352.5	37 5B0	66	609.2	66 5D9	95	740.2	95 5BD
9	75.8	09 5B6	38	354.2	38 5D3	67	614.4	67 5D4	96	742.4	98 4E8
10	88.7	10 5B0	39	360.3	39 5B0	68	617.2	68 4C7	97	760.7	99 5DB
11	106.2	11 5B6	40	362.0	40 5D3	69	618.5	69 4G0	98	762.2	00 5DB
12	150.1	12 5B6	41	435.8	41 5B0	70	619.1	70 5D3	99	763.4	01 4A0
13	151.4	13 5B0	42	439.2	42 5C0	71	622.4	71 4A0	100	766.6	02 4G0
14	169.7	14 5B6	43	471.5	43 5B0	72	624.1	72 4E0	101	768.5	03 4A0
15	182.5	15 5B0	44	477.8	44 5B6	73	626.3	73 4A0	102	771.2	04 5DB
16	192.7	16 5B6	45	507.4	45 5B0	74	627.8	74 4E4	103	822.2	05 5DB
17	200.3	17 5B0	46	508.2	46 5D3	75	631.3	75 5B4	104	825.5	06 4C7
18	211.0	18 0C0	47	511.2	47 5B6	76	635.5	76 5B6	105	827.7	07 5DB
19	227.3	19 5B0	48	534.9	48 5D3	77	636.2	77 4H1	106	837.1	08 4C7
20	252.2	20 5B0	49	540.5	49 5B6	78	636.7	78 4E4	107	850.3	09 5D6
21	252.6	21 5D3	50	542.2	50 5CD	79	640.5	79 5B2	108	853.9	10 5A*
22	259.9	22 5B0	51	544.6	51 5DB	80	642.9	80 4C7	109	864.8	11 3G0
23	262.3	23 5B6	52	545.1	52 5C3	81	647.0	81 5B1	110	865.8	12 3D1
24	263.4	24 5D3	53	560.4	53 5DB	82	647.8	82 4C7	111	867.3	13 3C0
25	263.9	25 5B6	54	564.6	54 5C3	83	649.5	83 5B1	112	877.2	14 3D1
26	265.8	26 5D3	55	565.6	55 5B0	84	666.8	84 5D3	113	879.4	15 3F0
27	278.3	27 5B0	56	576.8	56 5DB	85	670.7	85 5B0			
28	279.2	28 5D3	57	580.5	57 5B6	86	671.5	86 5D3			
29	284.6	29 5B0	58	586.8	58 5DB	87	673.2	87 4E8			

PROGRAM COMMAND: PLOTA,2000,015

```
**************************
*     DDH:  77X-05       *    START PLOT NUMBER  1
**************************

        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

        PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

        X-AXIS PLOT LIMITS:   -.30 -    .49 (INCHES)
        Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

        BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 530

        MAX PAPER WIDTH REQUIRED:   21.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
```

PROGRAM COMMAND: PLOTB,2000,015

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**************************
*     DDH:  77X-05       *    START PLOT NUMBER  2
**************************

        PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

        PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

        X-AXIS PLOT LIMITS:   -.30 -    .49 (INCHES)
        Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

        BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 530

        MAX PAPER WIDTH REQUIRED:   21.0 INCHES
```

****
* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
5.1	179.9	356.0					72. 185.	18.0	185.0	-17.7	-.19	-.06
10.0	179.8	352.1					71. 185.	19.0	185.0	-18.7	-.19	-.06
16.6	179.7	346.9					70. 185.	20.0	185.0	-19.7	-.19	-.07
21.8	179.7	342.8					61. 185.	29.0	185.0	-28.6	-.18	-.10
26.7	179.6	338.9					80. 185.	10.0	185.0	-9.9	-.20	-.03
30.0	179.5	336.3					72. 185.	18.0	185.0	-17.7	-.19	-.06
35.2	179.4	332.2					85. 185.					
40.8	179.4	327.7					78. 185.	12.0	185.0	-11.8	-.20	-.04
42.7	179.3	326.2					77. 185.	13.0	185.0	-12.8	-.20	-.04
49.0	179.2	321.3					80. 185.	10.0	185.0	-9.9	-.20	-.03
54.4	179.1	317.0					75. 185.	15.0	185.0	-14.8	-.19	-.05
59.8	179.1	312.7					72. 185.	18.0	185.0	-17.7	-.19	-.06
64.2	179.0	309.2					68. 185.	22.5	185.0	-22.2	-.19	-.08
68.2	178.9	306.1					45. 185.	45.6	185.0	-45.1	-.14	-.14
73.9	178.8	301.6					80. 185.	10.0	185.0	-9.8	-.20	-.03
79.7	178.7	297.0					65. 185.	25.5	185.0	-25.1	-.18	-.08
84.6	178.7	293.1					80. 185.	9.9	185.0	-9.8	-.20	-.03
88.3	178.6	290.2					76. 185.	13.9	185.0	-13.7	-.19	-.05
91.0	178.6	288.1					76. 185.	13.9	185.0	-13.7	-.19	-.05
95.0	178.5	284.9					65. 185.	25.0	185.0	-24.6	-.18	-.08
100.1	178.4	280.9					67. 185.	22.9	185.0	-22.6	-.18	-.08
107.2	178.3	275.3					74. 185.	15.9	185.0	-15.7	-.19	-.05
113.1	178.2	270.6					68. 185.	21.9	185.0	-21.6	-.19	-.07
118.6	178.1	266.2					67. 185.	22.9	185.0	-22.6	-.18	-.08
125.6	178.0	260.7					70. 185.	19.9	185.0	-19.6	-.19	-.07
133.2	177.9	259.5					69. 185.	20.3	185.0	-20.1	-.19	-.07
139.5	177.8	259.1					80. 185.					
145.3	177.7	258.6					74. 185.	15.2	185.0	-15.0	-.19	-.05
151.5	177.5	258.2					81. 185.					
155.5	177.5	257.9					77. 185.					
161.7	177.4	257.4					72. 185.	17.0	185.0	-16.8	-.19	-.06
166.9	177.3	257.1					81. 185.					
172.2	177.2	256.7					73. 185.	15.9	185.0	-15.7	-.19	-.05
178.3	177.1	256.2					80. 185.					
181.3	177.0	256.0					55. 185.	33.9	185.0	-33.5	-.17	-.11
186.5	176.9	253.6					75. 185.	13.6	185.0	-13.4	-.19	-.05
191.4	176.8	251.3					75. 185.	13.4	185.0	-13.2	-.19	-.05
199.0	176.7	247.7					80. 185.	8.0	185.0	-7.9	-.20	-.03
211.6	176.5	241.8					70. 185.	17.9	185.0	-17.6	-.19	-.06
216.4	176.4	239.5					60. 185.	27.8	185.0	-27.4	-.18	-.09
222.9	176.3	236.5					78. 185.	9.3	185.0	-9.2	-.20	-.03

****
* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
226.7	176.3	234.7						70.	185.	17.4	185.0	-17.2	-.19	-.06
231.1	176.2	232.6						57.	185.	30.3	185.0	-29.9	-.17	-.10
236.2	176.1	230.2						69.	185.	18.1	185.0	-17.8	-.19	-.06
242.6	176.0	227.2						84.	185.	2.4	185.0	-2.4	-.20	-.01
245.5	175.9	225.8						73.	185.	13.7	185.0	-13.5	-.19	-.05
251.9	175.8	222.8						82.	185.	4.3	185.0	-4.2	-.20	-.01
258.0	175.7	220.0						82.	185.	4.1	185.0	-4.0	-.20	-.01
264.2	175.6	217.0						72.	185.	14.1	185.0	-13.9	-.19	-.05
273.4	175.5	213.4						71.	185.	14.9	185.0	-14.7	-.19	-.05
280.4	175.1	218.0						55.	185.	30.8	185.0	-30.4	-.17	-.10
285.9	174.8	221.6						68.	185.	17.6	185.0	-17.4	-.19	-.06
292.4	174.4	225.9						68.	185.	17.5	185.0	-17.2	-.19	-.06
297.8	174.1	229.4						72.	185.	13.3	185.0	-13.1	-.19	-.05
303.9	173.8	233.4						70.	185.	15.4	185.0	-15.1	-.19	-.05
309.0	173.5	236.8						80.	185.	4.6	185.0	-4.5	-.20	-.02
316.7	173.1	241.8						75.	185.	10.1	185.0	-9.9	-.20	-.03
321.3	172.8	244.8						70.	185.	15.4	185.0	-15.2	-.19	-.05
330.2	172.4	250.7						72.	185.	13.5	185.0	-13.3	-.19	-.05
336.7	172.0	254.9						82.	185.					
343.0	171.7	259.1						78.	185.	6.7	185.0	-6.6	-.20	-.02
349.0	171.3	263.0						82.	185.					
355.6	171.0	267.4						77.	185.	8.3	185.0	-8.2	-.20	-.03
360.3	170.7	270.4						66.	185.	21.5	185.0	-21.2	-.19	-.07
365.7	170.5	273.2						79.	185.	5.6	185.0	-5.5	-.20	-.02
372.0	170.5	274.1						73.	185.	14.2	185.0	-14.0	-.19	-.05
378.7	170.6	275.1						79.	185.	5.7	185.0	-5.7	-.20	-.02
381.8	170.6	275.5						77.	185.	9.0	185.0	-8.9	-.20	-.03
388.0	170.6	276.4						82.	185.					
393.3	170.7	277.1						78.	185.	7.6	185.0	-7.5	-.20	-.03
399.0	170.7	277.9						70.	185.	17.8	185.0	-17.5	-.19	-.06
404.3	170.7	278.7						74.	185.	13.1	185.0	-12.9	-.19	-.04
407.0	170.7	279.1						81.	185.					
411.5	170.8	279.7						81.	185.					
417.5	170.8	280.6						80.	185.	4.1	185.0	-4.1	-.20	-.01
423.7	170.8	281.5						58.	185.	31.9	185.0	-31.5	-.17	-.10
430.7	170.9	282.4						80.	185.	4.5	185.0	-4.4	-.20	-.02
438.1	170.9	283.5						90.	185.					
443.2	170.9	284.2						75.	185.	13.5	185.0	-13.3	-.19	-.05
452.5	171.0	285.5						70.	185.	19.7	185.0	-19.4	-.19	-.07
458.7	171.0	286.6						65.	185.	25.3	185.0	-25.0	-.18	-.08
464.0	170.9	287.5						54.	185.	37.0	185.0	-36.6	-.16	-.12

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* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED			H	V
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP		
470.0	170.8	288.7					75. 185.	14.3	185.0	-14.1	-.19	-.05
474.9	170.8	289.6					75. 185.	14.5	185.0	-14.3	-.19	-.05
480.9	170.7	290.7					77. 185.	12.0	185.0	-11.8	-.20	-.04
487.7	170.6	292.0					57. 185.	34.7	185.0	-34.2	-.17	-.11
494.1	170.6	293.1					66. 185.	25.3	185.0	-25.0	-.18	-.08
499.8	170.5	294.2					61. 185.	30.8	185.0	-30.5	-.17	-.10
505.1	170.5	295.2					73. 185.	17.8	185.0	-17.6	-.19	-.06
514.2	170.4	296.9					74. 185.	17.0	185.0	-16.7	-.19	-.06
519.7	170.3	297.9					70. 185.	21.8	185.0	-21.5	-.19	-.07
526.2	170.2	299.1					61. 185.	31.7	185.0	-31.3	-.17	-.10
534.7	170.1	300.7					70. 185.	22.3	185.0	-22.0	-.19	-.07
538.2	170.1	301.3					81. 185.	4.7	185.0	-4.6	-.20	-.02
544.1	170.0	302.4					60. 185.	33.4	185.0	-33.0	-.17	-.11
551.6	169.8	303.0					62. 185.	31.5	185.0	-31.1	-.17	-.10
556.0	169.7	303.1					73. 185.	19.3	185.0	-19.1	-.19	-.07
562.0	169.5	303.2					78. 185.	12.7	185.0	-12.5	-.20	-.04
567.7	169.3	303.2					75. 185.	16.8	185.0	-16.6	-.19	-.06
572.1	169.1	303.3					81. 185.					
575.2	169.0	303.3					85. 185.					
580.5	168.8	303.3					68. 185.	25.1	185.0	-24.8	-.18	-.08
586.7	168.6	303.4					75. 185.	16.7	185.0	-16.5	-.19	-.06
592.8	168.4	303.5					57. 185.	37.2	185.0	-36.7	-.16	-.12
595.9	168.3	303.5					74. 185.	18.0	185.0	-17.7	-.19	-.06
599.1	168.2	303.5					80. 185.					
602.1	168.0	303.6					65. 185.	28.6	185.0	-28.3	-.18	-.09
609.6	167.8	303.6					73. 185.	19.2	185.0	-18.9	-.19	-.06
616.0	167.6	303.7					56. 185.	38.4	185.0	-38.0	-.16	-.12
624.4	167.3	303.8					80. 185.					
632.8	167.0	303.9					55. 185.	39.7	185.0	-39.3	-.15	-.13
638.9	166.7	303.9					76. 185.	14.4	185.0	-14.2	-.19	-.05
645.5	166.5	304.0					75. 185.	16.0	185.0	-15.8	-.19	-.05
651.4	166.4	304.9					75. 185.	16.3	185.0	-16.0	-.19	-.06
657.7	166.3	305.9					82. 185.					
666.6	166.1	307.4					80. 185.					
674.4	165.9	308.6					78. 185.	5.3	185.0	-5.2	-.20	-.02
								10.6	185.0	-10.4	-.20	-.04
680.9	165.8	309.7					76. 185.	.4	185.0	-.4	-.20	-.00
								16.0	185.0	-15.8	-.19	-.05
687.0	165.7	310.7					59. 185.	37.4	185.0	-37.0	-.16	-.12
693.8	165.5	311.8					76. 185.	.9	185.0	-.8	-.20	-.00
								16.7	185.0	-16.5	-.19	-.06

PROGRAM COMMAND: PLOTB,2000,105

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* DDH: 77X-05 * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:2000. = 50.8 METERS/INCH

X-AXIS PLOT LIMITS: -1.97 - .00 (INCHES)
Y-AXIS BOREHOLE LENGTH: 17.09 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 879.4 METERS J = 1 - 530

MAX PAPER WIDTH REQUIRED: 21.0 INCHES

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* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
5.1	179.9	356.0					72. 185.	18.0	185.0	3.2	.20	.01
10.0	179.8	352.1					71. 185.	19.0	185.0	3.4	.20	.01
16.6	179.7	346.9					70. 185.	20.0	185.0	3.6	.20	.01
21.8	179.7	342.8					61. 185.	29.0	185.0	5.5	.20	.02
26.7	179.6	338.9					80. 185.	10.0	185.0	1.8	.20	.01
30.0	179.5	336.3					72. 185.	18.0	185.0	3.2	.20	.01
35.2	179.4	332.2					85. 185.					
40.8	179.4	327.7					78. 185.	12.0	185.0	2.1	.20	.01
42.7	179.3	326.2					77. 185.	13.0	185.0	2.3	.20	.01
49.0	179.2	321.3					80. 185.	10.0	185.0	1.8	.20	.01
54.4	179.1	317.0					75. 185.	15.0	185.0	2.7	.20	.01
59.8	179.1	312.7					72. 185.	18.0	185.0	3.2	.20	.01
64.2	179.0	309.2					68. 185.	22.5	185.0	4.1	.20	.01
68.2	178.9	306.1					45. 185.	45.6	185.0	10.0	.20	.03
73.9	178.8	301.6					80. 185.	10.0	185.0	1.7	.20	.01
79.7	178.7	297.0					65. 185.	25.5	185.0	4.7	.20	.02
84.6	178.7	293.1					80. 185.	9.9	185.0	1.7	.20	.01
88.3	178.6	290.2					76. 185.	13.9	185.0	2.5	.20	.01
91.0	178.6	288.1					76. 185.	13.9	185.0	2.5	.20	.01
95.0	178.5	284.9					65. 185.	25.0	185.0	4.6	.20	.02
100.1	178.4	280.9					67. 185.	22.9	185.0	4.2	.20	.01
107.2	178.3	275.3					74. 185.	15.9	185.0	2.8	.20	.01
113.1	178.2	270.6					68. 185.	21.9	185.0	4.0	.20	.01
118.6	178.1	266.2					67. 185.	22.9	185.0	4.2	.20	.01
125.6	178.0	260.7					70. 185.	19.9	185.0	3.6	.20	.01
133.2	177.9	259.5					69. 185.	20.3	185.0	3.7	.20	.01
139.5	177.8	259.1					80. 185.					
145.3	177.7	258.6					74. 185.	15.2	185.0	2.7	.20	.01
151.5	177.5	258.2					81. 185.					
155.5	177.5	257.9					77. 185.					
161.7	177.4	257.4					72. 185.	17.0	185.0	3.0	.20	.01
166.9	177.3	257.1					81. 185.					
172.2	177.2	256.7					73. 185.	15.9	185.0	2.8	.20	.01
178.3	177.1	256.2					80. 185.					
181.3	177.0	256.0					55. 185.	33.9	185.0	6.7	.20	.02
186.5	176.9	253.6					75. 185.	13.6	185.0	2.4	.20	.01
191.4	176.8	251.3					75. 185.	13.4	185.0	2.4	.20	.01
199.0	176.7	247.7					80. 185.	8.0	185.0	1.4	.20	.00
211.6	176.5	241.8					70. 185.	17.9	185.0	3.2	.20	.01
216.4	176.4	239.5					60. 185.	27.8	185.0	5.2	.20	.02
222.9	176.3	236.5					78. 185.	9.3	185.0	1.6	.20	.01

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* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
226.7	176.3	234.7						70.	185.	17.4	185.0	3.1	.20	.01
231.1	176.2	232.6						57.	185.	30.3	185.0	5.8	.20	.02
236.2	176.1	230.2						69.	185.	18.1	185.0	3.2	.20	.01
242.6	176.0	227.2						84.	185.	2.4	185.0	.4	.20	.00
245.5	175.9	225.8						73.	185.	13.7	185.0	2.4	.20	.01
251.9	175.8	222.8						82.	185.	4.3	185.0	.7	.20	.00
258.0	175.7	220.0						82.	185.	4.1	185.0	.7	.20	.00
264.2	175.6	217.0						72.	185.	14.1	185.0	2.5	.20	.01
273.4	175.5	213.4						71.	185.	14.9	185.0	2.6	.20	.01
280.4	175.1	218.0						55.	185.	30.8	185.0	5.9	.20	.02
285.9	174.8	221.6						68.	185.	17.6	185.0	3.2	.20	.01
292.4	174.4	225.9						68.	185.	17.5	185.0	3.1	.20	.01
297.8	174.1	229.4						72.	185.	13.3	185.0	2.4	.20	.01
303.9	173.8	233.4						70.	185.	15.4	185.0	2.7	.20	.01
309.0	173.5	236.8						80.	185.	4.6	185.0	.8	.20	.00
316.7	173.1	241.8						75.	185.	10.1	185.0	1.8	.20	.01
321.3	172.8	244.8						70.	185.	15.4	185.0	2.7	.20	.01
330.2	172.4	250.7						72.	185.	13.5	185.0	2.4	.20	.01
336.7	172.0	254.9						82.	185.					
343.0	171.7	259.1						78.	185.	6.7	185.0	1.2	.20	.00
349.0	171.3	263.0						82.	185.					
355.6	171.0	267.4						77.	185.	8.3	185.0	1.5	.20	.01
360.3	170.7	270.4						66.	185.	21.5	185.0	3.9	.20	.01
365.7	170.5	273.2						79.	185.	5.6	185.0	1.0	.20	.00
372.0	170.5	274.1						73.	185.	14.2	185.0	2.5	.20	.01
378.7	170.6	275.1						79.	185.	5.7	185.0	1.0	.20	.00
381.8	170.6	275.5						77.	185.	9.0	185.0	1.6	.20	.01
388.0	170.6	276.4						82.	185.					
393.3	170.7	277.1						78.	185.	7.6	185.0	1.3	.20	.00
399.0	170.7	277.9						70.	185.	17.8	185.0	3.2	.20	.01
404.3	170.7	278.7						74.	185.	13.1	185.0	2.3	.20	.01
407.0	170.7	279.1						81.	185.					
411.5	170.8	279.7						81.	185.					
417.5	170.8	280.6						80.	185.	4.1	185.0	.7	.20	.00
423.7	170.8	281.5						58.	185.	31.9	185.0	6.2	.20	.02
430.7	170.9	282.4						80.	185.	4.5	185.0	.8	.20	.00
438.1	170.9	283.5						90.	185.					
443.2	170.9	284.2						75.	185.	13.5	185.0	2.4	.20	.01
452.5	171.0	285.5						70.	185.	19.7	185.0	3.6	.20	.01
458.7	171.0	286.6						65.	185.	25.3	185.0	4.7	.20	.02
464.0	170.9	287.5						54.	185.	37.0	185.0	7.5	.20	.03

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* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)						PLOT PARAMETERS	
			OBSERVED		CALCULATED		OBSERVED		CALCULATED					
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP		H	V
470.0	170.8	288.7					75.	185.	14.3	185.0	2.5		.20	.01
474.9	170.8	289.6					75.	185.	14.5	185.0	2.6		.20	.01
480.9	170.7	290.7					77.	185.	12.0	185.0	2.1		.20	.01
487.7	170.6	292.0					57.	185.	34.7	185.0	6.8		.20	.02
494.1	170.6	293.1					66.	185.	25.3	185.0	4.7		.20	.02
499.8	170.5	294.2					61.	185.	30.8	185.0	5.9		.20	.02
505.1	170.5	295.2					73.	185.	17.8	185.0	3.2		.20	.01
514.2	170.4	296.9					74.	185.	17.0	185.0	3.0		.20	.01
519.7	170.3	297.9					70.	185.	21.8	185.0	4.0		.20	.01
526.2	170.2	299.1					61.	185.	31.7	185.0	6.1		.20	.02
534.7	170.1	300.7					70.	185.	22.3	185.0	4.1		.20	.01
538.2	170.1	301.3					81.	185.	4.7	185.0	.8		.20	.00
544.1	170.0	302.4					60.	185.	33.4	185.0	6.5		.20	.02
551.6	169.8	303.0					62.	185.	31.5	185.0	6.1		.20	.02
556.0	169.7	303.1					73.	185.	19.3	185.0	3.5		.20	.01
562.0	169.5	303.2					78.	185.	12.7	185.0	2.2		.20	.01
567.7	169.3	303.2					75.	185.	16.8	185.0	3.0		.20	.01
572.1	169.1	303.3					81.	185.						
575.2	169.0	303.3					85.	185.						
580.5	168.8	303.3					68.	185.	25.1	185.0	4.7		.20	.02
586.7	168.6	303.4					75.	185.	16.7	185.0	3.0		.20	.01
592.8	168.4	303.5					57.	185.	37.2	185.0	7.5		.20	.03
595.9	168.3	303.5					74.	185.	18.0	185.0	3.2		.20	.01
599.1	168.2	303.5					80.	185.						
602.1	168.0	303.6					65.	185.	28.6	185.0	5.4		.20	.02
609.6	167.8	303.6					73.	185.	19.2	185.0	3.5		.20	.01
616.0	167.6	303.7					56.	185.	38.4	185.0	7.8		.20	.03
624.4	167.3	303.8					80.	185.						
632.8	167.0	303.9					55.	185.	39.7	185.0	8.2		.20	.03
638.9	166.7	303.9					76.	185.	14.4	185.0	2.5		.20	.01
645.5	166.5	304.0					75.	185.	16.0	185.0	2.8		.20	.01
651.4	166.4	304.9					75.	185.	16.3	185.0	2.9		.20	.01
657.7	166.3	305.9					82.	185.						
666.6	166.1	307.4					80.	185.						
674.4	165.9	308.6					78.	185.	5.3	185.0	.9		.20	.00
									10.6	185.0	1.9		.20	.01
680.9	165.8	309.7					76.	185.	.4	185.0	.1		.20	.00
									16.0	185.0	2.9		.20	.01
687.0	165.7	310.7					59.	185.	37.4	185.0	7.6		.20	.03
693.8	165.5	311.8					76.	185.	.9	185.0	.1		.20	.00
									16.7	185.0	3.0		.20	.01

****
* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
699.1	165.4	312.6					75. 185.	18.7	185.0	3.4	.20	.01
705.6	165.3	313.7					65. 185.	31.7	185.0	6.1	.20	.02
712.0	165.2	314.7					60. 185.	37.5	185.0	7.6	.20	.03
719.0	165.0	315.9					76. 185.	1.6	185.0	.3	.20	.00
								18.3	185.0	3.3	.20	.01
725.6	165.3	317.5					62. 185.	36.0	185.0	7.2	.20	.03
730.9	165.6	318.9					63. 185.	35.2	185.0	7.0	.20	.02
734.7	165.8	319.9					68. 185.	29.8	185.0	5.7	.20	.02
744.6	166.3	322.5					69. 185.	29.1	185.0	5.5	.20	.02
753.1	166.8	324.8					52. 185.	47.3	185.0	10.7	.20	.04
758.9	167.1	326.3					60. 185.	39.1	185.0	8.0	.20	.03
765.8	167.4	328.1					55. 185.	44.4	185.0	9.7	.20	.03
771.4	167.7	329.6					68. 185.	31.0	185.0	5.9	.20	.02
778.7	168.1	331.5					66. 185.	33.1	185.0	6.5	.20	.02
785.4	168.5	333.3					52. 185.	47.4	185.0	10.7	.20	.04
790.3	168.7	334.6					72. 185.	26.9	185.0	5.0	.20	.02
800.1	169.1	337.0					70. 185.	29.0	185.0	5.5	.20	.02
807.4	169.3	338.8					68. 185.	31.1	185.0	6.0	.20	.02
815.0	169.5	340.6					78. 185.	20.8	185.0	3.8	.20	.01
822.3	169.7	342.4					70. 185.	29.1	185.0	5.5	.20	.02
829.6	169.9	344.2					68. 185.	31.2	185.0	6.0	.20	.02
837.2	170.1	346.0					80. 185.	18.8	185.0	3.4	.20	.01
843.1	170.2	347.4					68. 185.	31.2	185.0	6.0	.20	.02
849.1	170.4	348.9					73. 185.	26.0	185.0	4.8	.20	.02
855.2	170.5	350.4					59. 185.	40.1	185.0	8.3	.20	.03
860.5	170.6	351.6					54. 185.	45.1	185.0	9.9	.20	.03
867.7	170.8	353.4					79. 185.	19.9	185.0	3.6	.20	.01
873.7	171.0	354.8					62. 185.	36.8	185.0	7.4	.20	.03
878.9	171.0	355.0					79. 185.	19.8	185.0	3.6	.20	.01

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*     DDH:  77X05R       *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    318686.0  NORTH: 22648872.0
                      ELEV:      1162.1


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X05R  01162.1226488720031868 6 METERS
     2   R77X05R       0          180.0    0.   PREDICTED
     3   R77X05R    1265          177.4  259.6  PREDICTED
     4   R77X05R    1813          180.0    0.   PREDICTED
     5   R77X05R    2728          175.4  215.7  PREDICTED
     6   R77X05R    3642          167.1  259.6  PREDICTED
     7   R77X05R    4557          169.8  279.4  PREDICTED
     8   R77X05R    5471          169.0  293.5  PREDICTED
     9   R77X05R    6458          166.9  304.0  PREDICTED
    10   R77X05R    7198          164.4  304.0  PREDICTED
    11   R77X05R    7958          169.6  322.3  PREDICTED
    12   R77X05R    8744          172.0  341.7  PREDICTED
    13   R77X05R    8794          170.1  358.4  PREDICTED
    14   L77X05R  00000 00013 01    #
    15   L77X05R  00013 00511 02 5B0
    16   L77X05R  00511 00546 03 5D3
    17   L77X05R  00546 00568 04 5C3
    18   L77X05R  00568 00594 05 5D3
    19   L77X05R  00594 00640 06 5B6
    20   L77X05R  00640 00729 07 5C6
    21   L77X05R  00729 00735 08 5D6
    22   L77X05R  00735 00758 09 5B6
    23   L77X05R  00758 00887 10 5B0
    24   L77X05R  00887 01062 11 5B6
    25   L77X05R  01062 01501 12 5B6
    26   L77X05R  01501 01514 13 5B0
    27   L77X05R  01514 01697 14 5B6
    28   L77X05R  01697 01825 15 5B0
    29   L77X05R  01825 01927 16 5B6
    30   L77X05R  01927 02003 17 5B0
    31   L77X05R  02003 02110 18 0C0
    32   L77X05R  02110 02273 19 5B0
    33   L77X05R  02273 02522 20 5B0
    34   L77X05R  02522 02526 21 5D3
    35   L77X05R  02526 02599 22 5B0
    36   L77X05R  02599 02623 23 5B6
         1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L77X05R  02623 02634 24 5D3
   38 L77X05R  02634 02639 25 5B6
   39 L77X05R  02639 02658 26 5D3
   40 L77X05R  02658 02783 27 5B0
   41 L77X05R  02783 02792 28 5D3
   42 L77X05R  02792 02846 29 5B0
   43 L77X05R  02846 02851 30 5D3
   44 L77X05R  02851 02999 31 5B0
   45 L77X05R  02999 03022 32 5B6
   46 L77X05R  03022 03304 33 5B6
   47 L77X05R  03304 03385 34 5D3
   48 L77X05R  03385 03401 35 5B0
   49 L77X05R  03401 03431 36 5B6
   50 L77X05R  03431 03525 37 5B0
   51 L77X05R  03525 03542 38 5D3
   52 L77X05R  03542 03603 39 5B0
   53 L77X05R  03603 03620 40 5D3
   54 L77X05R  03620 04358 41 5B0
   55 L77X05R  04358 04392 42 5C0
   56 L77X05R  04392 04715 43 5B0
   57 L77X05R  04715 04778 44 5B6
   58 L77X05R  04778 05074 45 5B0
   59 L77X05R  05074 05082 46 5D3
   60 L77X05R  05082 05112 47 5B6
   61 L77X05R  05112 05349 48 5D3
   62 L77X05R  05349 05405 49 5B6
   63 L77X05R  05405 05422 50 5CD
   64 L77X05R  05422 05446 51 5DB
   65 L77X05R  05446 05451 52 5C3
   66 L77X05R  05451 05604 53 5DB
   67 L77X05R  05604 05646 54 5C3
   68 L77X05R  05646 05656 55 5B0
   69 L77X05R  05656 05768 56 5DB
   70 L77X05R  05768 05805 57 5B6
   71 L77X05R  05805 05868 58 5DB
   72 L77X05R  05868 05900 59 5D4
   73 L77X05R  05900 05943 60 4G0
   74 L77X05R  05943 05952 61 4E6
   75 L77X05R  05952 05983 62 4G0
   76 L77X05R  05983 06023 63 4C6
   77 L77X05R  06023 06063 64 4G0
   78 L77X05R  06063 06083 65 4C6
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

79	L77X05R	06083	06092	66	5D9
80	L77X05R	06092	06144	67	5D4
81	L77X05R	06144	06172	68	4C7
82	L77X05R	06172	06185	69	4G0
83	L77X05R	06185	06191	70	5D3
84	L77X05R	06191	06224	71	4A0
85	L77X05R	06224	06241	72	4E0
86	L77X05R	06241	06263	73	4A0
87	L77X05R	06263	06278	74	4E4
88	L77X05R	06278	06313	75	5B4
89	L77X05R	06313	06355	76	5B6
90	L77X05R	06355	06362	77	4H1
91	L77X05R	06362	06367	78	4E4
92	L77X05R	06367	06405	79	5B2
93	L77X05R	06405	06429	80	4C7
94	L77X05R	06429	06470	81	5B1
95	L77X05R	06470	06478	82	4C7
96	L77X05R	06478	06495	83	5B1
97	L77X05R	06495	06668	84	5D3
98	L77X05R	06668	06707	85	5B0
99	L77X05R	06707	06715	86	5D3
100	L77X05R	06715	06732	87	4E8
101	L77X05R	06732	06736	88	5D3
102	L77X05R	06736	06750	89	4E8
103	L77X05R	06750	07067	90	5B1
104	L77X05R	07067	07077	91	5B6
105	L77X05R	07077	07090	92	4C7
106	L77X05R	07090	07154	93	4G1
107	L77X05R	07154	07160	94	4A0
108	L77X05R	07160	07402	95	5BD
109	L77X05R	07402	07424	98	4E8
110	L77X05R	07424	07607	99	5DB
111	L77X05R	07607	07622	00	5DB
112	L77X05R	07622	07634	01	4A0
113	L77X05R	07634	07666	02	4G0
114	L77X05R	07666	07685	03	4A0
115	L77X05R	07685	07712	04	5DB
116	L77X05R	07712	08222	05	5DB
117	L77X05R	08222	08255	06	4C7
118	L77X05R	08255	08277	07	5DB
119	L77X05R	08277	08371	08	4C7
120	L77X05R	08371	08503	09	5D6

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121 L77X05R  08503 08539 10 5A*
  122 L77X05R  08539 08648 11 3G0
  123 L77X05R  08648 08658 12 3D1
  124 L77X05R  08658 08673 13 3C0
  125 L77X05R  08673 08772 14 3D1
  126 L77X05R  08772 08794 15 3F0
  127 S77X05R        00051 CS2        72185
  128 S77X05R        00100 CS2        71185
  129 S77X05R        00166 CS2        70185
  130 S77X05R        00218 CS2        61185
  131 S77X05R        00267 CS2        80185
  132 S77X05R        00268  F2 M
  133 S77X05R        00300 CS2        72185
  134 S77X05R        00312  F2 M
  135 S77X05R        00352 CS2        85185
  136 S77X05R        00371  F2 E
  137 S77X05R        00408 CS2        78185
  138 S77X05R        00415  F2 3
  139 S77X05R        00427 CS2        77185
  140 S77X05R        00490 CS2        80185
  141 S77X05R        00540  F2 E
  142 S77X05R        00544 CS2        75185
  143 S77X05R        00575  F2 3
  144 S77X05R        00598 CS2        72185
  145 S77X05R        00642 CS2        68185
  146 S77X05R        00682 CS2        45185
  147 S77X05R        00737  F2 E
  148 S77X05R        00739 CS2        80185
  149 S77X05R        00797 CS2        65185
  150 S77X05R        00846 CS2        80185
  151 S77X05R        00852  F2 3
  152 S77X05R        00883 CS2        76185
  153 S77X05R        00884  F2 E
  154 S77X05R        00910 CS2        76185
  155 S77X05R        00914  F2 3
  156 S77X05R        00950 CS2        65185
  157 S77X05R        00967  F2 E
  158 S77X05R        01001 CS2        67185
  159 S77X05R        01038  F2 3
  160 S77X05R        01072 CS2        74185
  161 S77X05R        01098  F2 E
  162 S77X05R        01131 CS2        68185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163  S77X05R        01141  F2 3
  164  S77X05R        01186 CS2          67185
  165  S77X05R        01256 CS2          70185
  166  S77X05R        01290  F2 E
  167  S77X05R        01332 CS2          69185
  168  S77X05R        01395 CS2          80185
  169  S77X05R        01416  F2 3
  170  S77X05R        01453 CS2          74185
  171  S77X05R        01493  F2 E
  172  S77X05R        01515 CS2          81185
  173  S77X05R        01528  F2 3
  174  S77X05R        01555 CS2          77185
  175  S77X05R        01617 CS2          72185
  176  S77X05R        01648  F2 E
  177  S77X05R        01669 CS2          81185
  178  S77X05R        01696  F2 3
  179  S77X05R        01722 CS2          73185
  180  S77X05R        01783 CS2          80185
  181  S77X05R        01796  F2 E
  182  S77X05R        01813 CS2          55185
  183  S77X05R        01865 CS2          75185
  184  S77X05R        01867  F2 3
  185  S77X05R        01914 CS2          75185
  186  S77X05R        01990 CS2          80185
  187  S77X05R        02116 CS2          70185
  188  S77X05R        02164 CS2          60185
  189  S77X05R        02229 CS2          78185
  190  S77X05R        02236  F2 E
  191  S77X05R        02267 CS2          70185
  192  S77X05R        02311 CS2          57185
  193  S77X05R        02321  F2 3
  194  S77X05R        02362 CS2          69185
  195  S77X05R        02393  F2 E
  196  S77X05R        02426 CS2          84185
  197  S77X05R        02455 CS2          73185
  198  S77X05R        02459  F2 3
  199  S77X05R        02519 CS2          82185
  200  S77X05R        02570  F2 E
  201  S77X05R        02580 CS2          82185
  202  S77X05R        02599  F2 3
  203  S77X05R        02642 CS2 S        72185
  204  S77X05R  02678 02780 IND
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

205	S77X05R		02734	CS2	71185
206	S77X05R		02804	CS2 Z	55185
207	S77X05R		02819	F2 3	
208	S77X05R		02859	CS2 S	68185
209	S77X05R	02859	02924	IND	
210	S77X05R		02924	CS2 S	68185
211	S77X05R		02978	CS2	72185
212	S77X05R		03039	CS2	70185
213	S77X05R		03090	CS2	80185
214	S77X05R		03167	CS2	75185
215	S77X05R		03213	CS2	70185
216	S77X05R		03260	F2 E	
217	S77X05R		03302	CS2	72185
218	S77X05R		03323	F2 3	
219	S77X05R		03367	CS2	82185
220	S77X05R		03398	F2 E	
221	S77X05R		03430	CS2	78185
222	S77X05R		03440	F2 3	
223	S77X05R		03490	CS2	82185
224	S77X05R		03556	CS2	77185
225	S77X05R		03603	CS2	66185
226	S77X05R		03657	CS2	79185
227	S77X05R		03691	F2 E	
228	S77X05R		03720	CS2	73185
229	S77X05R		03787	CS2	79185
230	S77X05R		03818	CS2	77185
231	S77X05R		03838	F2 3	
232	S77X05R		03880	CS2	82185
233	S77X05R		03883	F2 E	
234	S77X05R		03933	CS2	78185
235	S77X05R		03937	F2 3	
236	S77X05R		03990	CS2	70185
237	S77X05R		04021	F2 E	
238	S77X05R		04043	CS2	74185
239	S77X05R		04044	F2 3	
240	S77X05R		04070	CS2	81185
241	S77X05R		04071	F2 E	
242	S77X05R		04115	CS2	81185
243	S77X05R		04175	CS2	80185
244	S77X05R		04201	F2 E	
245	S77X05R		04237	CS2	58185
246	S77X05R		04307	CS2	80185

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247  S77X05R        04315  F2 3
  248  S77X05R        04381 CS2          90185
  249  S77X05R        04432 CS2          75185
  250  S77X05R        04525 CS2          70185
  251  S77X05R        04559  F2 E
  252  S77X05R        04587 CS2          65185
  253  S77X05R        04623  F2 3
  254  S77X05R        04640 CS2          54185
  255  S77X05R        04668  F2 E
  256  S77X05R        04700 CS2          75185
  257  S77X05R        04749 CS2          75185
  258  S77X05R        04809 CS2          77185
  259  S77X05R        04824  F2 3
  260  S77X05R        04877 CS2          57185
  261  S77X05R        04941 CS2          66185
  262  S77X05R        04959  F2 E
  263  S77X05R        04998 CS2          61185
  264  S77X05R        05010  F2 3
  265  S77X05R        05051 CS2          73185
  266  S77X05R        05111  F2 E
  267  S77X05R        05142 CS2          74185
  268  S77X05R        05197 CS2          70185
  269  S77X05R        05262 CS2          61185
  270  S77X05R        05347 CS2          70185
  271  S77X05R        05349  F2 3
  272  S77X05R        05382 CS2          81185
  273  S77X05R        05416  F2 E
  274  S77X05R        05441 CS2          60185
  275  S77X05R        05471  F2 3
  276  S77X05R        05516 CS2          62185
  277  S77X05R        05560 CS2          73185
  278  S77X05R        05620 CS2          78185
  279  S77X05R        05676  F2 E
  280  S77X05R        05677 CS2          75185
  281  S77X05R        05721 CS2          81185
  282  S77X05R        05729  F2 3
  283  S77X05R        05752 CS2          85185
  284  S77X05R        05771  F2 E
  285  S77X05R        05805 CS2          68185
  286  S77X05R        05867 CS2          75185
  287  S77X05R        05897  F2 Z
  288  S77X05R  05897 05991 PS2
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

289	S77X05R	05928	PS2	57185	
290	S77X05R	05959	PS2	74185	
291	S77X05R	05991	F2 Z	80185	
292	S77X05R	05992	F2 3		
293	S77X05R	06021	CS2	65185	
294	S77X05R	06096	CS2	73185	
295	S77X05R	06160	CS2	56185	
296	S77X05R	06244	CS2	80185	
297	S77X05R	06328	CS2	55185	
298	S77X05R	06389	CS2	76185	
299	S77X05R	06455	CS2	75185	
300	S77X05R	06514	CS2	75185	
301	S77X05R	06577	CS2	82185	
302	S77X05R	06666	CS2	80185	
303	S77X05R	06709	F2 E		
304	S77X05R	06744	CS2	78185	
305	S77X05R	06753	F2 3		
306	S77X05R	06809	CS2	76185	
307	S77X05R	06870	CS2	59185	
308	S77X05R	06938	CS2	76185	
309	S77X05R	06991	CS2	75185	
310	S77X05R	07010	F2 M		
311	S77X05R	07056	CS2	65185	
312	S77X05R	07076	F2 M		
313	S77X05R	07120	CS2	60185	
314	S77X05R	07190	CS2	76185	
315	S77X05R	07256	CS2	62185	
316	S77X05R	07309	CS2	63185	
317	S77X05R	07347	CS2	68185	
318	S77X05R	07446	CS2	69185	
319	S77X05R	07531	CS2	52185	
320	S77X05R	07589	CS2	60185	
321	S77X05R	07658	CS2	55185	
322	S77X05R	07714	CS2	68185	
323	S77X05R	07787	CS2	66185	
324	S77X05R	07854	CS2	52185	
325	S77X05R	07883	F2 E		
326	S77X05R	07903	CS2	72185	
327	S77X05R	08001	CS2	70185	
328	S77X05R	08074	CS2	68185	
329	S77X05R	08150	CS2	78185	
330	S77X05R	08223	CS2	70185	

****
* DDH: 77X05R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

331	S77X05R		08296	PS2	68185
332	S77X05R		08372	PS2	80185
333	S77X05R		08430	F2 3	
334	S77X05R		08431	CS2	68185
335	S77X05R		08491	CS2	73185
336	S77X05R		08552	CS2	59185
337	S77X05R		08605	CS2	54185
338	S77X05R		08677	CS2	79185
339	S77X05R		08737	CS2	62185
340	S77X05R		08789	CS2	79185
341	P77X05R	05900	05910	002657	
342	P77X05R	05910	05930	002658	
343	P77X05R	05930	05943	002659	
344	P77X05R	05943	05952	002660	
345	P77X05R	05952	05972	002661	
346	P77X05R	05972	05983	002662	
347	P77X05R	05983	06003	002663	
348	P77X05R	06003	06023	002664	
349	P77X05R	06023	06043	002665	
350	P77X05R	06043	06063	002666	
351	P77X05R	06063	06083	002667	
352	P77X05R	06083	06092	002668	
353	P77X05R	06144	06154	002669	
354	P77X05R	06154	06172	002670	
355	P77X05R	06172	06185	002671	
356	P77X05R	06191	06211	002672	
357	P77X05R	06211	06224	002673	
358	P77X05R	06224	06241	002674	
359	P77X05R	06241	06263	002675	
360	P77X05R	06263	06278	002676	
361	P77X05R	06355	06367	002677	
362	P77X05R	06405	06429	002678	
363	P77X05R	06715	06732	002679	
364	P77X05R	06736	06750	002680	
365	P77X05R	07077	07090	002681	
366	P77X05R	07090	07110	002682	
367	P77X05R	07110	07130	002683	
368	P77X05R	07130	07150	002684	
369	P77X05R	07150	07160	002685	
370	P77X05R	07402	07424	002686	
371	P77X05R	07623	07635	002687	
372	P77X05R	07635	07651	002688	

****
* DDH: 77X05R *
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---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  373 P77X05R 07651 07667 002689
  374 P77X05R 07667 07685 002690
  375 P77X05R 08277 08307 002691
  376 P77X05R 08307 08338 002692
  377 P77X05R 08338 08371 002693
  378 A77X05R 590.0591.0   2657 1.0   310 1.69  091  260 -.50.380000-.5 -.5 -.5 -
  379 A77X05R 591.0593.0   2658 2.0   528 3.98  276  674 3950.242070-.5 20391050-
  380 A77X05R 593.0594.3   2659 1.3   742 5.60  566 1126 4680.165099-.5 1386 502-
  381 A77X05R 594.3595.2   2660 0.9   760 4.36  648 1084 4470.29 685-.5 3081 200-
  382 A77X05R 595.2597.2   2661 2.0   684 5.51  545 1096 4480.155099-.5 1398 520-
  383 A77X05R 597.2598.3   2662 1.1   613 4.82  434  916 4610.233988-.5 1705 880-
  384 A77X05R 598.3600.3   2663 2.0   528 3.35  172  507 4450.431446-.5 31631280-
  385 A77X05R 600.3602.3   2664 2.0   362 2.30  176  406 3670.451339-.5 26791230-
  386 A77X05R 602.3604.3   2665 2.0   697 5.89  467 1056 4680.184581-.5 1360 780-
  387 A77X05R 604.3606.3   2666 2.0   760 6.35  511 1146 4550.184931-.5 1138 800-
  388 A77X05R 606.3608.3   2667 2.0   434 2.95  249  544 3910.311248-.5 16991340-
  389 A77X05R 608.3609.2   2668 0.9   289 1.46  147  293 -.50.260000-.5 -.5 -.5 -
  390 A77X05R 614.4615.4   2669 1.0   331 2.33  216  449 -.50.270000-.5 -.5 -.5 -
  391 A77X05R 615.4617.2   2670 1.8   393 3.09  284  593 -.50.240000-.5 -.5 -.5 -
  392 A77X05R 617.2618.5   2671 1.3   715 6.20  461 1081 -.50.160000-.5 -.5 -.5 -
  393 A77X05R 619.1621.1   2672 2.0   341 3.10  470  780 -.50.110000-.5 -.5 -.5 -
  394 A77X05R 621.1622.4   2673 1.3   217 1.79  362  541 -.50.130000-.5 -.5 -.5 -
  395 A77X05R 622.4624.1   2674 1.7   680 5.05  440  945 -.50.250000-.5 -.5 -.5 -
  396 A77X05R 624.1626.3   2675 2.2   279 2.25  385  610 -.50.130000-.5 -.5 -.5 -
  397 A77X05R 626.3627.8   2676 1.5   617 4.76  393  869 -.50.310000-.5 -.5 -.5 -
  398 A77X05R 635.5636.7   2677 1.2   617 3.56  325  681 -.50.200000-.5 -.5 -.5 -
  399 A77X05R 640.5642.9   2678 2.4    30 0.15  164  179 -.50.030000-.5 -.5 -.5 -
  400 A77X05R 671.5673.2   2679 1.7   160 0.85  091  176 -.50.410000-.5 -.5 -.5 -
  401 A77X05R 673.6675.0   2680 1.4   238 1.47  176  323 -.50.600000-.5 -.5 -.5 -
  402 A77X05R 707.7709.0   2681 1.3    60 0.29  032   61 -.50.200000-.5 -.5 -.5 -
  403 A77X05R 709.0711.0   2682 2.0   950 5.15  713 1228 -.50.250000-.5 -.5 -.5 -
  404 A77X05R 711.0713.0   2683 2.0  1190 6.05  867 1472 4540.302009-.5 2245 158-
  405 A77X05R 713.0715.0   2684 2.0  1150 5.33  785 1318 4450.301766-.5 2155 430-
  406 A77X05R 715.0716.0   2685 1.0   830 3.83  631 1014 3390.121461-.5 1121 368-
  407 A77X05R 740.2742.4   2686 2.2   830 4.52  548 1000 4330.29 928-.5 2394 615-
  408 A77X05R 762.3763.5   2687 1.2   183 0.11  134  145 4260.091705-.5 2146 353-
  409 A77X05R 763.5765.1   2688 1.6   579 3.70  599  969 4530.164642-.5 1828 080-
  410 A77X05R 765.1766.7   2689 1.6   559 3.56  548  904 4410.053470-.5 2114 168-
  411 A77X05R 766.7768.5   2690 1.8   222 1.43  177  320 -.50.090000-.5 -.5 -.5 -
  412 A77X05R 827.7830.7   2691 3.0    70 0.39  107  146 -.50.190000-.5 -.5 -.5 -
  413 A77X05R 830.7833.8   2692 3.1    97 0.43  052   95 -.50.260000-.5 -.5 -.5 -
  414 A77X05R 833.8837.1   2693 3.3   104 0.62  101  163 -.50.240000-.5 -.5 -.5 -
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

DDH: 77X05R -- SUMMARY OF DATA INPUT

RECORDS READ = 414 RELEASED TO SORT 531
TYPE-L = 113
TYPE-P = 37
TYPE-R = 12
TYPE-S = 214
TYPE-X = 43
TYPE-A = 74
TYPE-V = 37 (GENERATED TO DEPTH: 860.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 879.4 METERS

****
* DDH: 77X05R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 318686.0 NORTH: 22648872.0
ELEV: 1162.1

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	126.50	METERS
	ZENITH ANG:	180.00	-	177.40	
	AZIMUTH:	0.	-	259.60	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	126.50	-	181.30	METERS
	ZENITH ANG:	177.40	-	180.00	
	AZIMUTH:	259.60	-	0.	

HOLE ASSUMED VERTICAL AT DEPTH 182.92

BOREHOLE SECTION 3 --	DEPTH:	181.30	-	272.80	METERS
	ZENITH ANG:	180.00	-	175.40	
	AZIMUTH:	0.	-	215.70	

HOLE ASSUMED VERTICAL AT DEPTH 181.24

BOREHOLE SECTION 4 --	DEPTH:	272.80	-	364.20	METERS
	ZENITH ANG:	175.40	-	167.10	
	AZIMUTH:	215.70	-	259.60	
BOREHOLE SECTION 5 --	DEPTH:	364.20	-	455.70	METERS
	ZENITH ANG:	167.10	-	169.80	
	AZIMUTH:	259.60	-	279.40	
BOREHOLE SECTION 6 --	DEPTH:	455.70	-	547.10	METERS
	ZENITH ANG:	169.80	-	169.00	
	AZIMUTH:	279.40	-	293.50	
BOREHOLE SECTION 7 --	DEPTH:	547.10	-	645.80	METERS
	ZENITH ANG:	169.00	-	166.90	
	AZIMUTH:	293.50	-	304.00	
BOREHOLE SECTION 8 --	DEPTH:	645.80	-	719.80	METERS
	ZENITH ANG:	166.90	-	164.40	
	AZIMUTH:	304.00	-	304.00	
BOREHOLE SECTION 9 --	DEPTH:	719.80	-	795.80	METERS
	ZENITH ANG:	164.40	-	169.60	
	AZIMUTH:	304.00	-	322.30	

```
      BOREHOLE SECTION 10  --  DEPTH:        795.80 -  874.40 METERS
                               ZENITH ANG:   169.60 -  172.00
                               AZIMUTH:      322.30 -  341.70

      BOREHOLE SECTION 11  --  DEPTH:        874.40 -  879.40 METERS
                               ZENITH ANG:   172.00 -  170.10
                               AZIMUTH:      341.70 -  358.40

FINISHED -- BOREHOLE LENGTH =    879.40 METERS
            FILE SIZE =     531
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****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
1.3	L	01 #									1.3	-.0	-.0	180.0	359.0
5.1	S				CS2				72.	185.	5.1	-.0	-.0	179.9	356.0
10.0	S				CS2				71.	185.	10.0	-.0	-.0	179.8	352.1
16.6	S				CS2				70.	185.	16.6	-.0	-.0	179.7	346.8
21.8	S				CS2				61.	185.	21.8	-.0	-.1	179.6	342.7
26.7	S				CS2				80.	185.	26.7	-.0	-.1	179.5	338.8
26.8	S				F2	M					26.8	-.0	-.1	179.4	338.7
30.0	S				CS2				72.	185.	30.0	-.0	-.2	179.4	336.2
31.2	S				F2	M					31.2	-.0	-.2	179.4	335.2
35.2	S				CS2				85.	185.	35.2	-.1	-.2	179.3	332.1
37.1	S				F2	E					37.1	-.1	-.2	179.2	330.6
40.8	S				CS2				78.	185.	40.8	-.1	-.3	179.2	327.6
41.5	S				F2	3					41.5	-.1	-.3	179.1	327.1
42.7	S				CS2				77.	185.	42.7	-.1	-.3	179.1	326.1
49.0	S				CS2				80.	185.	49.0	-.1	-.4	179.0	321.1
51.1	L	02 5B0									51.1	-.2	-.4	178.9	319.4
54.0	S				F2	E					54.0	-.2	-.5	178.9	317.1
54.4	S				CS2				75.	185.	54.4	-.2	-.5	178.9	316.8
54.6	L	03 5D3									54.6	-.2	-.5	178.9	316.7
56.8	L	04 5C3									56.8	-.2	-.5	178.8	314.9
57.5	S				F2	3					57.5	-.2	-.5	178.8	314.4
59.4	L	05 5D3									59.4	-.3	-.6	178.8	312.9
59.8	S				CS2				72.	185.	59.8	-.3	-.6	178.8	312.5
64.0	L	06 5B6									64.0	-.3	-.6	178.7	309.2
64.2	S				CS2				68.	185.	64.2	-.3	-.6	178.7	309.0
68.2	S				CS2				45.	185.	68.2	-.4	-.7	178.6	305.9
72.9	L	07 5C6									72.9	-.5	-.8	178.5	302.1
73.5	L	08 5D6									73.5	-.5	-.8	178.5	301.7
73.7	S				F2	E					73.7	-.5	-.8	178.5	301.5
73.9	S				CS2				80.	185.	73.9	-.5	-.8	178.5	301.3
75.8	L	09 5B6									75.8	-.5	-.8	178.4	299.8
79.7	S				CS2				65.	185.	79.7	-.6	-.9	178.4	296.7
84.6	S				CS2				80.	185.	84.6	-.7	-1.0	178.3	292.9
85.2	S				F2	3					85.2	-.7	-1.0	178.2	292.4
88.3	S				CS2				76.	185.	88.3	-.8	-1.1	178.2	289.9
88.4	S				F2	E					88.4	-.8	-1.1	178.2	289.8
88.7	L	10 5B0									88.7	-.8	-1.1	178.2	289.6
91.0	S				CS2				76.	185.	91.0	-.9	-1.1	178.1	287.8
91.4	S				F2	3					91.4	-.9	-1.1	178.1	287.5

****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
95.0	S				CS2				65.	185.	95.0	-1.0	-1.2	178.0	284.6
96.7	S				F2	E					96.7	-1.0	-1.2	178.0	283.3
100.1	S				CS2				67.	185.	100.1	-1.1	-1.3	177.9	280.6
103.8	S				F2	3					103.8	-1.2	-1.3	177.9	277.6
106.2	L	11 5B6									106.2	-1.3	-1.3	177.8	275.7
107.2	S				CS2				74.	185.	107.2	-1.4	-1.4	177.8	274.9
109.8	S				F2	E					109.8	-1.5	-1.4	177.7	272.9
113.1	S				CS2				68.	185.	113.1	-1.6	-1.4	177.7	270.2
114.1	S				F2	3					114.1	-1.6	-1.4	177.7	269.4
118.6	S				CS2				67.	185.	118.6	-1.8	-1.5	177.6	265.9
125.6	S				CS2				70.	185.	125.6	-2.1	-1.6	177.4	260.3
126.5	R										126.5	-2.1	-1.6	177.4	259.6
129.0	S				F2	E					129.0	-2.2	-1.6	177.5	264.2
133.2	S				CS2				69.	185.	133.2	-2.4	-1.7	177.7	271.9
139.5	S				CS2				80.	185.	139.4	-2.6	-1.7	178.0	283.4
141.6	S				F2	3					141.5	-2.7	-1.8	178.1	287.3
145.3	S				CS2				74.	185.	145.2	-2.8	-1.9	178.3	294.0
149.3	S				F2	E					149.2	-2.9	-1.9	178.5	301.4
150.1	L	12 5B6									150.0	-2.9	-1.9	178.5	302.8
151.4	L	13 5B0									151.3	-2.9	-2.0	178.6	305.2
151.5	S				CS2				81.	185.	151.4	-2.9	-2.0	178.6	305.4
152.8	S				F2	3					152.7	-2.9	-2.0	178.6	307.8
155.5	S				CS2				77.	185.	155.4	-3.0	-2.0	178.8	312.7
161.7	S				CS2				72.	185.	161.6	-3.0	-2.1	179.1	324.1
164.8	S				F2	E					164.7	-3.0	-2.2	179.2	329.8
166.9	S				CS2				81.	185.	166.8	-3.1	-2.2	179.3	333.6
169.6	S				F2	3					169.5	-3.1	-2.2	179.4	338.6
169.7	L	14 5B6									169.6	-3.1	-2.2	179.4	338.7
172.2	S				CS2				73.	185.	172.1	-3.1	-2.3	179.6	343.3
178.3	S				CS2				80.	185.	178.2	-3.1	-2.3	179.9	354.5
179.6	S				F2	E					179.5	-3.1	-2.3	179.9	356.9
181.3	S				CS2				55.	185.	181.2	-3.1	-2.3	180.0	360.0
181.3	R										181.2	-3.1	-2.3	180.0	360.0
182.5	L	15 5B0									182.4	-3.1	-2.3	179.9	358.1
186.5	S				CS2				75.	185.	186.4	-3.1	-2.3	179.7	351.8
186.7	S				F2	3					186.6	-3.1	-2.3	179.7	351.5
191.4	S				CS2				75.	185.	191.3	-3.1	-2.4	179.5	344.1
192.7	L	16 5B6									192.6	-3.1	-2.4	179.4	342.0

****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
199.0	S				CS2				80.	185.	198.9	-3.1	-2.4	179.1	332.1
200.3	L	17 5B0									200.2	-3.1	-2.5	179.0	330.0
211.0	L	18 0C0									210.9	-3.1	-2.7	178.5	313.2
211.6	S				CS2				70.	185.	211.5	-3.1	-2.7	178.5	312.2
216.4	S				CS2				60.	185.	216.3	-3.2	-2.8	178.2	304.6
222.9	S				CS2				78.	185.	222.8	-3.2	-3.0	177.9	294.4
223.6	S				F2	E					223.5	-3.2	-3.1	177.9	293.3
226.7	S				CS2				70.	185.	226.6	-3.3	-3.2	177.7	288.4
227.3	L	19 5B0									227.2	-3.3	-3.2	177.7	287.5
231.1	S				CS2				57.	185.	231.0	-3.3	-3.4	177.5	281.5
232.1	S				F2	3					232.0	-3.3	-3.4	177.4	279.9
236.2	S				CS2				69.	185.	236.1	-3.4	-3.6	177.2	273.4
239.3	S				F2	E					239.2	-3.5	-3.7	177.1	268.5
242.6	S				CS2				84.	185.	242.5	-3.5	-3.9	176.9	263.3
245.5	S				CS2				73.	185.	245.4	-3.6	-4.0	176.8	258.8
245.9	S				F2	3					245.8	-3.6	-4.0	176.8	258.1
251.9	S				CS2				82.	185.	251.8	-3.8	-4.3	176.5	248.7
252.2	L	20 5B0									252.1	-3.8	-4.4	176.4	248.2
252.6	L	21 5D3									252.5	-3.8	-4.4	176.4	247.6
257.0	S				F2	E					256.9	-3.9	-4.6	176.2	240.6
258.0	S				CS2				82.	185.	257.9	-3.9	-4.7	176.1	239.0
259.9	L	22 5B0									259.8	-4.0	-4.8	176.0	236.0
259.9	S				F2	3					259.8	-4.0	-4.8	176.0	236.0
262.3	L	23 5B6									262.2	-4.1	-4.9	175.9	232.3
263.4	L	24 5D3									263.3	-4.1	-5.0	175.9	230.5
263.9	L	25 5B6									263.8	-4.1	-5.0	175.8	229.7
264.2	S				CS2	S			72.	185.	264.1	-4.2	-5.0	175.8	229.3
265.8	L	26 5D3									265.7	-4.2	-5.1	175.8	226.7
272.8	R										272.6	-4.5	-5.6	175.4	215.7
273.4	S				CS2				71.	185.	273.2	-4.5	-5.6	175.3	216.0
278.0	S				IND						277.8	-4.8	-5.9	174.9	218.2
278.3	L	27 5B0									278.1	-4.8	-5.9	174.9	218.3
279.2	L	28 5D3									279.0	-4.9	-6.0	174.8	218.8
280.4	S				CS2	Z			55.	185.	280.2	-4.9	-6.1	174.7	219.4
281.9	S				F2	3					281.7	-5.0	-6.2	174.6	220.1
284.6	L	29 5B0									284.4	-5.2	-6.4	174.3	221.4
285.1	L	30 5D3									284.9	-5.2	-6.4	174.3	221.6
285.9	S				CS2	S			68.	185.	285.7	-5.3	-6.5	174.2	222.0
292.4	S				CS2	S			68.	185.	292.2	-5.7	-7.0	173.6	225.1
292.4	S				IND						292.2	-5.7	-7.0	173.6	225.1

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* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
297.8	S			CS2			72. 185.	297.5	-6.2	-7.4	173.1	227.7
299.9	L	31 5B0						299.6	-6.4	-7.6	172.9	228.7
302.2	L	32 5B6						301.9	-6.6	-7.8	172.7	229.8
303.9	S			CS2			70. 185.	303.6	-6.8	-7.9	172.6	230.6
309.0	S			CS2			80. 185.	308.6	-7.3	-8.3	172.1	233.1
316.7	S			CS2			75. 185.	316.2	-8.2	-9.0	171.4	236.8
321.3	S			CS2			70. 185.	320.8	-8.8	-9.4	171.0	239.0
326.0	S			F2	E			325.4	-9.5	-9.7	170.6	241.3
330.2	S			CS2			72. 185.	329.6	-10.1	-10.1	170.2	243.3
330.4	L	33 5B6						329.8	-10.1	-10.1	170.2	243.4
332.3	S			F2	3			331.6	-10.4	-10.2	170.0	244.3
336.7	S			CS2			82. 185.	336.0	-11.1	-10.5	169.6	246.4
338.5	L	34 5D3						337.7	-11.4	-10.7	169.4	247.3
339.8	S			F2	E			339.0	-11.6	-10.8	169.3	247.9
340.1	L	35 5B0						339.3	-11.7	-10.8	169.3	248.0
343.0	S			CS2			78. 185.	342.2	-12.2	-11.0	169.0	249.4
343.1	L	36 5B6						342.3	-12.2	-11.0	169.0	249.5
344.0	S			F2	3			343.1	-12.4	-11.0	168.9	249.9
349.0	S			CS2			82. 185.	348.0	-13.3	-11.4	168.5	252.3
352.5	L	37 5B0						351.5	-14.0	-11.6	168.2	254.0
354.2	L	38 5D3						353.1	-14.3	-11.7	168.0	254.8
355.6	S			CS2			77. 185.	354.5	-14.6	-11.7	167.9	255.5
360.3	L	39 5B0						359.1	-15.6	-12.0	167.5	257.7
360.3	S			CS2			66. 185.	359.1	-15.6	-12.0	167.5	257.7
362.0	L	40 5D3						360.8	-15.9	-12.0	167.3	258.5
364.2	R							362.9	-16.4	-12.1	167.1	259.6
365.7	S			CS2			79. 185.	364.4	-16.7	-12.2	167.1	259.9
369.1	S			F2	E			367.7	-17.5	-12.3	167.2	260.7
372.0	S			CS2			73. 185.	370.5	-18.1	-12.4	167.3	261.3
378.7	S			CS2			79. 185.	377.0	-19.6	-12.6	167.5	262.7
381.8	S			CS2			77. 185.	380.1	-20.2	-12.7	167.6	263.4
383.8	S			F2	3			382.0	-20.6	-12.8	167.7	263.8
388.0	S			CS2			82. 185.	386.1	-21.5	-12.8	167.8	264.8
388.3	S			F2	E			386.4	-21.6	-12.8	167.8	264.8
393.3	S			CS2			78. 185.	391.3	-22.6	-12.9	168.0	265.9
393.7	S			F2	3			391.7	-22.7	-12.9	168.0	266.0
399.0	S			CS2			70. 185.	396.9	-23.8	-13.0	168.1	267.1
402.1	S			F2	E			399.9	-24.5	-13.0	168.2	267.8
404.3	S			CS2			74. 185.	402.1	-24.9	-13.0	168.3	268.3
404.4	S			F2	3			402.2	-24.9	-13.0	168.3	268.3

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* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
407.0	S				CS2				81.	185.	404.7	-25.4	-13.1	168.4	268.9
407.1	S				F2	E					404.8	-25.5	-13.1	168.4	268.9
411.5	S				CS2				81.	185.	409.1	-26.4	-13.1	168.5	269.8
417.5	S				CS2				80.	185.	415.0	-27.5	-13.1	168.7	271.1
420.1	S				F2	E					417.6	-28.0	-13.0	168.7	271.7
423.7	S				CS2				58.	185.	421.1	-28.7	-13.0	168.9	272.5
430.7	S				CS2				80.	185.	428.0	-30.1	-12.9	169.1	274.0
431.5	S				F2	3					428.8	-30.2	-12.9	169.1	274.2
435.8	L	41 5B0									433.0	-31.0	-12.9	169.2	275.1
438.1	S				CS2				90.	185.	435.2	-31.5	-12.8	169.3	275.6
439.2	L	42 5C0									436.3	-31.7	-12.8	169.3	275.8
443.2	S				CS2				75.	185.	440.2	-32.4	-12.7	169.4	276.7
452.5	S				CS2				70.	185.	449.4	-34.1	-12.5	169.7	278.7
455.7	R										452.5	-34.6	-12.4	169.8	279.4
455.9	S				F2	E					452.7	-34.7	-12.4	169.8	279.4
458.7	S				CS2				65.	185.	455.5	-35.2	-12.3	169.8	279.9
462.3	S				F2	3					459.0	-35.8	-12.2	169.7	280.4
464.0	S				CS2				54.	185.	460.7	-36.1	-12.2	169.7	280.7
466.8	S				F2	E					463.5	-36.6	-12.1	169.7	281.1
470.0	S				CS2				75.	185.	466.6	-37.1	-12.0	169.7	281.6
471.5	L	43 5B0									468.1	-37.4	-11.9	169.7	281.8
474.9	S				CS2				75.	185.	471.4	-38.0	-11.8	169.6	282.4
477.8	L	44 5B6									474.3	-38.5	-11.7	169.6	282.8
480.9	S				CS2				77.	185.	477.3	-39.1	-11.5	169.6	283.3
482.4	S				F2	3					478.8	-39.3	-11.5	169.6	283.5
487.7	S				CS2				57.	185.	484.0	-40.3	-11.2	169.5	284.3
494.1	S				CS2				66.	185.	490.3	-41.4	-10.9	169.5	285.3
495.9	S				F2	E					492.1	-41.7	-10.8	169.4	285.6
499.8	S				CS2				61.	185.	495.9	-42.4	-10.7	169.4	286.2
501.0	S				F2	3					497.1	-42.6	-10.6	169.4	286.4
505.1	S				CS2				73.	185.	501.1	-43.3	-10.4	169.4	287.0
507.4	L	45 5B0									503.4	-43.7	-10.2	169.3	287.4
508.2	L	46 5D3									504.2	-43.9	-10.2	169.3	287.5
511.1	S				F2	E					507.0	-44.4	-10.0	169.3	287.9
511.2	L	47 5B6									507.1	-44.4	-10.0	169.3	288.0
514.2	S				CS2				74.	185.	510.1	-44.9	-9.9	169.3	288.4
519.7	S				CS2				70.	185.	515.5	-45.9	-9.5	169.2	289.3
526.2	S				CS2				61.	185.	521.9	-47.0	-9.1	169.2	290.3
534.7	S				CS2				70.	185.	530.2	-48.5	-8.5	169.1	291.6
534.9	L	48 5D3									530.4	-48.6	-8.5	169.1	291.6

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* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
534.9	S				F2	3					530.4	-48.6	-8.5	169.1	291.6
538.2	S				CS2				81.	185.	533.6	-49.2	-8.3	169.1	292.1
540.5	L	49 5B6									535.9	-49.6	-8.1	169.1	292.5
541.6	S				F2	E					537.0	-49.8	-8.1	169.0	292.7
542.2	L	50 5C0									537.6	-49.9	-8.0	169.0	292.7
544.1	S				CS2				60.	185.	539.4	-50.2	-7.9	169.0	293.0
544.6	L	51 5D8									539.9	-50.3	-7.8	169.0	293.1
545.1	L	52 5C3									540.4	-50.4	-7.8	169.0	293.2
547.1	S				F2	3					542.4	-50.7	-7.6	169.0	293.5
547.1	R										542.4	-50.7	-7.6	169.0	293.5
551.6	S				CS2				62.	185.	546.8	-51.5	-7.3	168.9	294.0
556.0	S				CS2				73.	185.	551.1	-52.3	-6.9	168.8	294.4
560.4	L	53 5D8									555.4	-53.1	-6.6	168.7	294.9
562.0	S				CS2				78.	185.	557.0	-53.3	-6.5	168.7	295.1
564.6	L	54 5C3									559.5	-53.8	-6.2	168.6	295.4
565.6	L	55 5B0									560.5	-54.0	-6.2	168.6	295.5
567.6	S				F2	E					562.5	-54.3	-6.0	168.6	295.7
567.7	S				CS2				75.	185.	562.6	-54.4	-6.0	168.6	295.7
572.1	S				CS2				81.	185.	566.9	-55.1	-5.6	168.5	296.2
572.9	S				F2	3					567.7	-55.3	-5.5	168.5	296.2
575.2	S				CS2				85.	185.	569.9	-55.7	-5.3	168.4	296.5
576.8	L	56 5D8									571.5	-56.0	-5.2	168.4	296.7
577.1	S				F2	E					571.8	-56.0	-5.1	168.4	296.7
580.5	L	57 5B6									575.1	-56.7	-4.8	168.3	297.1
580.5	S				CS2				68.	185.	575.1	-56.7	-4.8	168.3	297.1
586.7	S				CS2				75.	185.	581.2	-57.8	-4.3	168.2	297.7
586.8	L	58 5D8									581.3	-57.8	-4.2	168.2	297.7
589.7	S				F2	Z					584.1	-58.3	-4.0	168.1	298.0
590.0	L	59 5D4									584.4	-58.4	-3.9	168.1	298.1
590.5	P		2657	1.							584.9	-58.5	-3.9	168.1	298.1
592.0	P		2658	2.							586.4	-58.7	-3.7	168.0	298.3
592.8	S				PS2				57.	185.	587.2	-58.9	-3.7	168.0	298.4
593.6	P		2659	1.							588.0	-59.0	-3.6	168.0	298.5
594.3	L	60 4G0									588.6	-59.2	-3.5	168.0	298.5
594.7	P		2660	1.							589.1	-59.3	-3.5	168.0	298.6
595.2	L	61 4E6									589.5	-59.3	-3.4	168.0	298.6
595.9	S				PS2				74.	185.	590.2	-59.5	-3.4	168.0	298.7
596.2	P		2661	2.							590.5	-59.5	-3.3	168.0	298.7
597.7	P		2662	1.							592.0	-59.8	-3.2	167.9	298.9
598.3	L	62 4G0									592.5	-59.9	-3.1	167.9	298.9

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* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
599.1	S				F2	Z		80. 185.	593.3	-60.0	-3.0	167.9	299.0
599.1	S				PS2				593.3	-60.0	-3.0	167.9	299.0
599.2	S				F2	3			593.4	-60.1	-3.0	167.9	299.0
599.3	P		2663	2.					593.5	-60.1	-3.0	167.9	299.1
601.3	P		2664	2.					595.5	-60.5	-2.8	167.8	299.3
602.1	S				CS2			65. 185.	596.3	-60.6	-2.7	167.8	299.4
602.3	L	63 4C6							596.5	-60.6	-2.7	167.8	299.4
603.3	P		2665	2.					597.4	-60.8	-2.6	167.8	299.5
605.3	P		2666	2.					599.4	-61.2	-2.4	167.8	299.7
606.3	L	64 4G0							600.4	-61.4	-2.3	167.7	299.8
607.3	P		2667	2.					601.3	-61.6	-2.2	167.7	299.9
608.3	L	65 4C6							602.3	-61.7	-2.1	167.7	300.0
608.7	P		2668	1.					602.8	-61.8	-2.0	167.7	300.1
609.2	L	66 5D9							603.2	-61.9	-2.0	167.7	300.1
609.6	S				CS2			73. 185.	603.6	-62.0	-1.9	167.7	300.1
614.4	L	67 5D4							608.3	-62.9	-1.4	167.6	300.7
614.9	P		2669	1.					608.8	-63.0	-1.4	167.6	300.7
616.0	S				CS2			56. 185.	609.8	-63.2	-1.2	167.5	300.8
616.3	P		2670	2.					610.1	-63.2	-1.2	167.5	300.9
617.2	L	68 4C7							611.0	-63.4	-1.1	167.5	301.0
617.9	P		2671	1.					611.6	-63.5	-1.0	167.5	301.0
618.5	L	69 4G0							612.3	-63.6	-1.0	167.5	301.1
619.1	L	70 5D3							612.9	-63.7	-.9	167.5	301.2
620.1	P		2672	2.					613.8	-63.9	-.8	167.4	301.3
621.7	P		2673	1.					615.5	-64.2	-.6	167.4	301.4
622.4	L	71 4A0							616.1	-64.4	-.5	167.4	301.5
623.2	P		2674	2.					616.9	-64.5	-.4	167.4	301.6
624.1	L	72 4E0							617.7	-64.7	-.3	167.4	301.7
624.4	S				CS2			80. 185.	618.0	-64.7	-.3	167.4	301.7
625.2	P		2675	2.					618.8	-64.9	-.2	167.3	301.8
626.3	L	73 4A0							619.9	-65.1	-.1	167.3	301.9
627.1	P		2676	2.					620.6	-65.2	.0	167.3	302.0
627.8	L	74 4E4							621.4	-65.4	.1	167.3	302.1
631.3	L	75 5B4							624.8	-66.0	.5	167.2	302.5
632.8	S				CS2			55. 185.	626.2	-66.3	.7	167.2	302.6
635.5	L	76 5B6							628.9	-66.8	1.0	167.1	302.9
636.1	P		2677	1.					629.4	-66.9	1.1	167.1	303.0
636.2	L	77 4H1							629.5	-66.9	1.1	167.1	303.0
636.7	L	78 4E4							630.0	-67.0	1.2	167.1	303.0
638.9	S				CS2			76. 185.	632.2	-67.4	1.4	167.0	303.3
640.5	L	79 5B2							633.7	-67.7	1.6	167.0	303.4
641.7	P		2678	2.					634.9	-68.0	1.8	167.0	303.6

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* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
642.9	L	80 4C7							636.1	-68.2	1.9	167.0	303.7
645.5	S				CS2			75. 185.	638.6	-68.7	2.3	166.9	304.0
645.8	R								638.9	-68.7	2.3	166.9	304.0
647.0	L	81 5B1							640.1	-69.0	2.5	166.9	304.0
647.8	L	82 4C7							640.8	-69.1	2.6	166.8	304.0
649.5	L	83 5B1							642.5	-69.4	2.8	166.8	304.0
651.4	S				CS2			75. 185.	644.4	-69.8	3.0	166.7	304.0
657.7	S				CS2			82. 185.	650.5	-71.0	3.8	166.5	304.0
666.6	S				CS2			80. 185.	659.1	-72.7	5.0	166.2	304.0
666.8	L	84 5D3							659.3	-72.8	5.0	166.2	304.0
670.7	L	85 5B0							663.1	-73.6	5.6	166.1	304.0
670.9	S				F2	E			663.3	-73.6	5.6	166.1	304.0
671.5	L	86 5D3							663.9	-73.7	5.7	166.0	304.0
672.4	P		2679	2.					664.7	-73.9	5.8	166.0	304.0
673.2	L	87 4E8							665.5	-74.1	5.9	166.0	304.0
673.6	L	88 5D3							665.9	-74.1	5.9	166.0	304.0
674.3	P		2680	1.					666.6	-74.3	6.0	165.9	304.0
674.4	S				CS2			78. 185.	666.7	-74.3	6.1	165.9	304.0
675.0	L	89 4E8							667.3	-74.4	6.1	165.9	304.0
675.3	S				F2	3			667.6	-74.5	6.2	165.9	304.0
680.9	S				CS2			76. 185.	673.0	-75.6	6.9	165.7	304.0
687.0	S				CS2			59. 185.	678.9	-76.9	7.8	165.5	304.0
693.8	S				CS2			76. 185.	685.5	-78.3	8.8	165.3	304.0
699.1	S				CS2			75. 185.	690.6	-79.4	9.5	165.1	304.0
701.0	S				F2	M			692.5	-79.8	9.8	165.0	304.0
705.6	S				CS2			65. 185.	696.9	-80.8	10.5	164.9	304.0
706.7	L	90 5B1							698.0	-81.1	10.6	164.8	304.0
707.6	S				F2	M			698.8	-81.2	10.7	164.8	304.0
707.7	L	91 5B6							698.9	-81.3	10.8	164.8	304.0
708.4	P		2681	1.					699.5	-81.4	10.9	164.8	304.0
709.0	L	92 4C7							700.2	-81.6	11.0	164.8	304.0
710.0	P		2682	2.					701.1	-81.8	11.1	164.7	304.0
712.0	P		2683	2.					703.1	-82.2	11.4	164.7	304.0
712.0	S				CS2			60. 185.	703.1	-82.2	11.4	164.7	304.0
714.0	P		2684	2.					705.0	-82.6	11.7	164.6	304.0
715.4	L	93 4G1							706.3	-83.0	11.9	164.5	304.0
715.5	P		2685	1.					706.4	-83.0	11.9	164.5	304.0
716.0	L	94 4A0							706.9	-83.1	12.0	164.5	304.0
719.0	S				CS2			76. 185.	709.8	-83.8	12.4	164.4	304.0

****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
719.8	R								710.6	-83.9	12.6	164.4	304.0
725.6	S				CS2			62. 185.	716.2	-85.2	13.4	164.8	305.4
730.9	S				CS2			63. 185.	721.3	-86.3	14.2	165.2	306.7
734.7	S				CS2			68. 185.	725.0	-87.1	14.8	165.4	307.6
740.2	L	95 5BD							730.3	-88.2	15.7	165.8	308.9
741.3	P		2686	2.					731.4	-88.4	15.8	165.9	309.2
742.4	L	98 4E8							732.4	-88.6	16.0	165.9	309.4
744.6	S				CS2			69. 185.	734.6	-89.0	16.3	166.1	310.0
753.1	S				CS2			52. 185.	742.8	-90.5	17.7	166.7	312.0
758.9	S				CS2			60. 185.	748.5	-91.5	18.6	167.1	313.4
760.7	L	99 5DB							750.2	-91.7	18.8	167.2	313.8
762.2	L	00 5DB							751.7	-92.0	19.1	167.3	314.2
762.9	P		2687	1.					752.4	-92.1	19.2	167.3	314.4
763.4	L	01 4A0							752.9	-92.2	19.2	167.4	314.5
764.3	P		2688	2.					753.7	-92.3	19.4	167.4	314.7
765.8	S				CS2			55. 185.	755.2	-92.5	19.6	167.5	315.1
765.9	P		2689	2.					755.3	-92.6	19.6	167.6	315.1
766.6	L	02 4G0							756.0	-92.7	19.7	167.6	315.3
767.6	P		2690	2.					757.0	-92.8	19.9	167.7	315.5
768.5	L	03 4A0							757.8	-92.9	20.0	167.7	315.7
771.2	L	04 5DB							760.5	-93.3	20.4	167.9	316.4
771.4	S				CS2			68. 185.	760.7	-93.4	20.5	167.9	316.4
778.7	S				CS2			66. 185.	767.8	-94.4	21.6	168.4	318.2
785.4	S				CS2			52. 185.	774.4	-95.2	22.6	168.9	319.8
788.3	S				F2	E			777.2	-95.6	23.0	169.1	320.5
790.3	S				CS2			72. 185.	779.2	-95.8	23.3	169.2	321.0
795.8	R								784.6	-96.5	24.1	169.6	322.3
800.1	S				CS2			70. 185.	788.8	-96.9	24.7	169.7	323.4
807.4	S				CS2			68. 185.	796.0	-97.7	25.7	170.0	325.2
815.0	S				CS2			78. 185.	803.5	-98.4	26.8	170.2	327.0
822.2	L	05 5DB							810.6	-99.1	27.8	170.4	328.8
822.3	S				CS2			70. 185.	810.7	-99.1	27.9	170.4	328.8
825.5	L	06 4C7							813.9	-99.3	28.3	170.5	329.6
827.7	L	07 5DB							816.0	-99.5	28.6	170.6	330.2
829.2	P		2691	3.					817.5	-99.6	28.8	170.6	330.5
829.6	S				PS2			68. 185.	817.9	-99.7	28.9	170.6	330.6
832.2	P		2692	3.					820.5	-99.9	29.3	170.7	331.3
835.5	P		2693	3.					823.7	-100.1	29.7	170.8	332.1

****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
837.1	L	08 4C7						825.3	-100.3	30.0	170.9	332.5
837.2	S			PS2			80. 185.	825.4	-100.3	30.0	170.9	332.5
843.0	S			F2	3			831.1	-100.7	30.8	171.0	333.9
843.1	S			CS2			68. 185.	831.2	-100.7	30.8	171.0	334.0
849.1	S			CS2			73. 185.	837.2	-101.1	31.6	171.2	335.5
850.3	L	09 5D6						838.4	-101.1	31.8	171.3	335.8
853.9	L	10 5A*						841.9	-101.4	32.3	171.4	336.6
855.2	S			CS2			59. 185.	843.2	-101.4	32.5	171.4	337.0
860.5	S			CS2			54. 185.	848.4	-101.7	33.2	171.6	338.3
864.8	L	11 3G0						852.7	-102.0	33.8	171.7	339.3
865.8	L	12 3D1						853.7	-102.0	33.9	171.7	339.6
867.3	L	13 3C0						855.2	-102.1	34.1	171.8	339.9
867.7	S			CS2			79. 185.	855.6	-102.1	34.2	171.8	340.0
873.7	S			CS2			62. 185.	861.5	-102.4	35.0	172.0	341.5
874.4	R							862.2	-102.4	35.1	172.0	341.7
877.2	L	14 3D1						865.0	-102.5	35.5	170.9	351.1
878.9	S			CS2			79. 185.	866.6	-102.5	35.7	170.3	356.7
879.4	L	15 3F0						867.1	-102.6	35.8	170.1	358.4
879.4	R							867.1	-102.6	35.8	170.1	358.4

****
* DDH: 77X05R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 318686.0 METERS NORTH: 22648872.0 METERS ELEV: 1162.1 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
590.5	2657	1.0	31.0	1.69	.91	2.60	-.50	.38	0.	-.500	-.50	-.50	0.
592.0	2658	2.0	52.8	3.98	2.76	6.74	3.95	.24	20.70	-.500	20.39	10.50	0.
593.6	2659	1.3	74.2	5.60	5.66	11.26	4.68	.16	50.99	-.500	13.86	5.02	0.
594.7	2660	.9	76.0	4.36	6.48	10.84	4.47	.29	6.85	-.500	30.81	2.00	0.
596.2	2661	2.0	68.4	5.51	5.45	10.96	4.48	.15	50.99	-.500	13.98	5.20	0.
597.7	2662	1.1	61.3	4.82	4.34	9.16	4.61	.23	39.88	-.500	17.05	8.80	0.
599.3	2663	2.0	52.8	3.35	1.72	5.07	4.45	.43	14.46	-.500	31.63	12.80	0.
601.3	2664	2.0	36.2	2.30	1.76	4.06	3.67	.45	13.39	-.500	26.79	12.30	0.
603.3	2665	2.0	69.7	5.89	4.67	10.56	4.68	.18	45.81	-.500	13.60	7.80	0.
605.3	2666	2.0	76.0	6.35	5.11	11.46	4.55	.18	49.31	-.500	11.38	8.00	0.
607.3	2667	2.0	43.4	2.95	2.49	5.44	3.91	.31	12.48	-.500	16.99	13.40	0.
608.7	2668	.9	28.9	1.46	1.47	2.93	-.50	.26	0.	-.500	-.50	-.50	0.
614.9	2669	1.0	33.1	2.33	2.16	4.49	-.50	.27	0.	-.500	-.50	-.50	0.
616.3	2670	1.8	39.3	3.09	2.84	5.93	-.50	.24	0.	-.500	-.50	-.50	0.
617.9	2671	1.3	71.5	6.20	4.61	10.81	-.50	.16	0.	-.500	-.50	-.50	0.
620.1	2672	2.0	34.1	3.10	4.70	7.80	-.50	.11	0.	-.500	-.50	-.50	0.
621.7	2673	1.3	21.7	1.79	3.62	5.41	-.50	.13	0.	-.500	-.50	-.50	0.
623.2	2674	1.7	68.0	5.05	4.40	9.45	-.50	.25	0.	-.500	-.50	-.50	0.
625.2	2675	2.2	27.9	2.25	3.85	6.10	-.50	.13	0.	-.500	-.50	-.50	0.
627.1	2676	1.5	61.7	4.76	3.93	8.69	-.50	.31	0.	-.500	-.50	-.50	0.
636.1	2677	1.2	61.7	3.56	3.25	6.81	-.50	.20	0.	-.500	-.50	-.50	0.
641.7	2678	2.4	3.0	.15	1.64	1.79	-.50	.03	0.	-.500	-.50	-.50	0.
672.4	2679	1.7	16.0	.85	.91	1.76	-.50	.41	0.	-.500	-.50	-.50	0.
674.3	2680	1.4	23.8	1.47	1.76	3.23	-.50	.60	0.	-.500	-.50	-.50	0.
708.4	2681	1.3	6.0	.29	.32	.61	-.50	.20	0.	-.500	-.50	-.50	0.
710.0	2682	2.0	95.0	5.15	7.13	12.28	-.50	.25	0.	-.500	-.50	-.50	0.
712.0	2683	2.0	119.0	6.05	8.67	14.72	4.54	.30	20.09	-.500	22.45	1.58	0.
714.0	2684	2.0	115.0	5.33	7.85	13.18	4.45	.30	17.66	-.500	21.55	4.30	0.
715.5	2685	1.0	83.0	3.83	6.31	10.14	3.39	.12	14.61	-.500	11.21	3.68	0.
741.3	2686	2.2	83.0	4.52	5.48	10.00	4.33	.29	9.28	-.500	23.94	6.15	0.
762.9	2687	1.2	18.3	.11	1.34	1.45	4.26	.09	17.05	-.500	21.46	3.53	0.
764.3	2688	1.6	57.9	3.70	5.99	9.69	4.53	.16	46.42	-.500	18.28	.80	0.
765.9	2689	1.6	55.9	3.56	5.48	9.04	4.41	.05	34.70	-.500	21.14	1.68	0.
767.6	2690	1.8	22.2	1.43	1.77	3.20	-.50	.09	0.	-.500	-.50	-.50	0.
829.2	2691	3.0	7.0	.39	1.07	1.46	-.50	.19	0.	-.500	-.50	-.50	0.
832.2	2692	3.1	9.7	.43	.52	.95	-.50	.26	0.	-.500	-.50	-.50	0.
835.5	2693	3.3	10.4	.62	1.01	1.63	-.50	.24	0.	-.500	-.50	-.50	0.

FINISHED -- LENGTH = 879.40 METERS ENTRIES = 531

****
* DDH: 77X06R * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 435
POINTS = 434 MAX DDH DEPTH = 801.0 METERS
MAX TRUE DEPTH = 790.2 METERS
EASTING: -93.2 - 0. METERS
NORTHING: 0. - 75.3 METERS

TYPE C DATA (CONTACTS) ----- 86
TYPE F DATA (PLANES) ------- 137
TYPE P DATA (SAMPLES) ------ 28
TYPE S DATA (SYMMETRY) ----- 51
TYPE X DATA (REF MARKERS) -- 40
TYPE A DATA (SAMPLE MARKERS) 54
TYPE V DATA (ASSAY VALUES)-- 27

GEOLOGICAL CONTACTS

DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT
1	22.9	01 #	23	398.4	23 5B0	45	552.2	45 4A1	67	620.3	67 4B0
2	35.7	02 5B0	24	415.4	24 5B7	46	556.8	46 5B6	68	642.5	68 5B7
3	78.8	03 5B0	25	418.2	25 5D3	47	557.1	47 5D3	69	651.6	69 5D3
4	93.8	04 5B6	26	427.2	26 5B7	48	563.3	48 4A1	70	664.0	70 5B6
5	103.5	05 5B0	27	427.5	27 5D6	49	576.6	49 5A0	71	666.4	71 5D3
6	106.8	06 5D3	28	428.7	28 4C0	50	579.5	50 4A0	72	667.9	72 5G3
7	110.0	07 5B6	29	434.3	29 5D3	51	583.7	51 5A0	73	669.9	73 5D3
8	112.9	08 5D3	30	434.4	30 4C7	52	586.5	52 4C0	74	671.7	74 5G3
9	116.6	09 5B0	31	435.9	31 5D3	53	588.4	53 4E1	75	675.4	75 5B0
10	184.0	10 5B6	32	436.6	32 4E4	54	593.4	54 4G0	76	683.4	76 5D3
11	217.0	11 5B0	33	438.5	33 5D3	55	594.8	55 4E1	77	692.2	77 5B0
12	236.1	12 5B6	34	442.8	34 4C0	56	597.7	56 4A0	78	693.7	78 5A*
13	299.9	13 5B0	35	443.2	35 5B8	57	599.3	57 4G1	79	736.0	79 5B6
14	305.2	14 5D3	36	444.7	36 4C4	58	600.1	58 4C0	80	738.3	80 5A0
15	327.8	15 5B0	37	448.1	37 5D3	59	604.6	59 4G1	81	781.6	81 5B6
16	331.1	16 5D3	38	452.6	38 5B0	60	605.1	60 5F9	82	783.3	82 5D4
17	333.8	17 5B6	39	455.5	39 4C0	61	607.6	61 4D6	83	786.4	83 5D6
18	337.8	18 5D6	40	462.7	40 4K0	62	608.5	62 4A1	84	789.1	84 5D6
19	362.7	19 0C9	41	465.5	41 5B0	63	611.3	63 4D0	85	794.8	85 5D6
20	370.3	20 0C0	42	475.0	42 5B7	64	612.1	64 4E6	86	801.0	86 5B6
21	385.1	21 5B0	43	503.8	43 5B7	65	614.8	65 5B4			
22	389.4	22 5B6	44	541.3	44 5B6	66	617.7	66 5B6			

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  77X06R       *    START PLOT NUMBER  1
**************************

      PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   0.   -   1.91 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  31.11 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 434

      MAX PAPER WIDTH REQUIRED:   35.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
```

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  77X06R       *    START PLOT NUMBER  2
**************************

      PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   0.   -   1.91 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  31.11 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 434

      MAX PAPER WIDTH REQUIRED:   35.0 INCHES
```

****
* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
23.4	179.4	338.9						70.	185.	20.5	185.0	-20.3	-.19	-.07
30.8	179.2	332.3						73.	185.	17.7	185.0	-17.4	-.19	-.06
38.2	179.0	325.6						64.	185.	26.8	185.0	-26.4	-.18	-.09
45.1	178.8	319.4						72.	185.	18.8	185.0	-18.6	-.19	-.06
51.1	178.7	314.0						74.	185.	16.8	185.0	-16.5	-.19	-.06
55.6	178.6	309.9						79.	185.	11.0	185.0	-10.8	-.20	-.04
61.1	178.4	305.0						73.	185.	17.7	185.0	-17.5	-.19	-.06
67.2	178.0	303.3						77.	185.	13.8	185.0	-13.6	-.19	-.05
74.2	177.4	302.4						80.	185.	10.9	185.0	-10.8	-.20	-.04
79.8	177.0	301.6						81.	185.	9.9	185.0	-9.8	-.20	-.03
84.4	176.6	301.0						75.	185.	16.2	185.0	-16.0	-.19	-.05
90.6	176.1	300.1						58.	185.	33.5	185.0	-33.1	-.17	-.11
94.9	175.7	299.5						78.	185.	13.1	185.0	-12.9	-.19	-.04
100.9	175.2	298.7						74.	185.	17.3	185.0	-17.1	-.19	-.06
107.5	174.7	297.8						71.	185.	20.4	185.0	-20.2	-.19	-.07
113.7	174.2	297.0						81.	185.	9.4	185.0	-9.3	-.20	-.03
118.4	173.8	296.3						78.	185.	12.8	185.0	-12.6	-.20	-.04
123.6	173.4	295.6						78.	185.	12.6	185.0	-12.5	-.20	-.04
128.4	173.0	294.9						75.	185.	15.9	185.0	-15.7	-.19	-.05
135.6	172.4	294.0						78.	185.	12.1	185.0	-11.9	-.20	-.04
142.3	171.8	293.0						56.	185.	35.7	185.0	-35.3	-.16	-.12
147.3	171.4	292.4						68.	185.	23.1	185.0	-22.8	-.18	-.08
151.8	171.0	291.7						69.	185.	21.8	185.0	-21.5	-.19	-.07
158.2	170.9	291.8						65.	185.	26.2	185.0	-25.8	-.18	-.09
163.7	170.8	292.2						80.	185.	7.5	185.0	-7.4	-.20	-.03
170.9	170.8	292.7						82.	185.					
174.8	170.8	293.0						85.	185.					
180.2	170.7	293.4						86.	185.					
186.0	170.7	293.8						78.	185.	11.2	185.0	-11.0	-.20	-.04
192.8	170.6	294.3						77.	185.	12.7	185.0	-12.5	-.20	-.04
198.0	170.6	294.7						78.	185.	11.3	185.0	-11.2	-.20	-.04
204.5	170.6	295.2						83.	185.					
210.3	170.5	295.6						83.	185.					
216.3	170.5	296.0						84.	185.					
221.8	170.5	296.4						78.	185.	11.6	185.0	-11.5	-.20	-.04
228.4	170.4	296.9						81.	185.	3.8	185.0	-3.8	-.20	-.01
232.4	170.4	297.2						79.	185.	10.2	185.0	-10.0	-.20	-.03
238.3	170.3	297.6						74.	185.	17.1	185.0	-16.8	-.19	-.06
243.2	170.3	298.0						80.	185.	8.4	185.0	-8.2	-.20	-.03
249.6	170.3	297.9						67.	185.	25.1	185.0	-24.8	-.18	-.08
255.4	170.2	297.7						81.	185.	3.7	185.0	-3.7	-.20	-.01

****
* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
261.8	170.1	297.5						82.	185.					
266.7	170.1	297.3						80.	185.	7.8	185.0	-7.7	-.20	-.03
271.3	170.0	297.2						77.	185.	13.0	185.0	-12.8	-.20	-.04
278.9	170.0	296.9						73.	185.	18.1	185.0	-17.8	-.19	-.06
283.9	169.9	296.7						90.	185.					
291.4	169.8	296.5						90.	185.					
296.7	169.8	296.3						72.	185.	19.1	185.0	-18.8	-.19	-.06
300.1	169.8	296.2						86.	185.					
306.6	169.7	295.9						82.	185.					
312.0	169.6	295.8						90.	185.					
319.1	169.6	295.5						78.	185.	10.7	185.0	-10.6	-.20	-.04
324.7	169.5	295.3						66.	185.	25.7	185.0	-25.3	-.18	-.09
330.4	169.5	295.1						74.	185.	16.3	185.0	-16.1	-.19	-.06
337.4	169.4	294.9						75.	185.	14.9	185.0	-14.7	-.19	-.05
371.4	170.2	295.7						82.	185.					
376.7	170.3	295.8						83.	185.					
378.6	170.4	295.8						78.	185.	11.4	185.0	-11.3	-.20	-.04
383.7	170.5	295.9						85.	185.					
388.1	170.6	296.0						77.	185.	13.0	185.0	-12.8	-.20	-.04
394.5	170.7	296.2						90.	185.					
398.4	170.8	296.3						78.	185.	11.8	185.0	-11.6	-.20	-.04
404.4	171.0	296.4						86.	185.					
410.9	171.1	296.5						80.	185.	8.9	185.0	-8.8	-.20	-.03
415.6	171.2	296.6						68.	185.	23.8	185.0	-23.4	-.18	-.08
422.1	171.4	296.8						68.	185.	23.8	185.0	-23.5	-.18	-.08
426.4	171.5	296.9						76.	185.	14.8	185.0	-14.6	-.19	-.05
432.2	171.6	298.3						75.	185.	16.2	185.0	-16.0	-.19	-.06
437.8	171.7	300.1						90.	185.					
440.5	171.7	301.0						80.	185.	10.3	185.0	-10.2	-.20	-.04
444.6	171.8	302.3						64.	185.	28.8	185.0	-28.4	-.18	-.10
450.8	171.9	304.4						73.	185.	19.5	185.0	-19.2	-.19	-.07
455.9	171.9	306.0						67.	185.	26.2	185.0	-25.8	-.18	-.09
462.0	172.0	308.0						69.	185.	24.3	185.0	-24.0	-.18	-.08
468.2	172.1	310.0						72.	185.	21.4	185.0	-21.1	-.19	-.07
474.0	172.2	311.9						76.	185.	17.3	185.0	-17.0	-.19	-.06
478.5	172.3	313.4						84.	185.	4.8	185.0	-4.7	-.20	-.02
483.5	172.4	315.0						77.	185.	16.5	185.0	-16.3	-.19	-.06
489.5	172.5	317.0						87.	185.					
495.5	172.6	318.9						82.	185.	11.1	185.0	-11.0	-.20	-.04
501.0	172.6	320.7						62.	185.	32.9	185.0	-32.5	-.17	-.11
505.5	172.7	322.2						73.	185.	21.7	185.0	-21.4	-.19	-.07

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* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)		S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED	OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP	CA DIPD	DIP DIPD AP-DIP			H	V
510.8	172.8	323.9			67. 185.	28.0 185.0 -27.6			-.18	-.09
516.1	172.9	325.6			87. 185.					
520.0	172.8	326.2			90. 185.					
526.4	172.4	326.2			75. 185.	20.2 185.0 -19.9			-.19	-.07
533.9	172.1	326.2			78. 185.	17.1 185.0 -16.9			-.19	-.06
537.5	171.9	326.2			73. 185.	22.6 185.0 -22.3			-.19	-.08
541.3	171.7	326.2			82. 185.	.4 185.0 -.4			-.20	-.00
						12.6 185.0 -12.4			-.20	-.04
547.5	171.3	326.2			79. 185.	16.4 185.0 -16.1			-.19	-.06
552.3	171.1	326.2			79. 185.	16.5 185.0 -16.2			-.19	-.06
557.1	170.8	326.2			77. 185.	18.9 185.0 -18.6			-.19	-.06
563.3	170.5	326.2			83. 185.	3.7 185.0 -3.7			-.20	-.01
						11.1 185.0 -11.0			-.20	-.04
567.5	170.3	326.2			69. 185.	27.7 185.0 -27.4			-.18	-.09
569.9	170.2	326.2			69. 185.	27.8 185.0 -27.4			-.18	-.09
573.5	170.0	326.2			55. 185.	42.3 185.0 -41.9			-.15	-.13
579.4	169.7	326.2			75. 185.	21.6 185.0 -21.3			-.19	-.07
584.0	169.4	326.2			78. 185.	18.3 185.0 -18.1			-.19	-.06
590.5	169.1	326.2			41. 185.	57.2 185.0 -56.8			-.11	-.17
597.0	168.7	326.2			77. 185.	19.8 185.0 -19.5			-.19	-.07
600.7	168.5	326.2			68. 185.	29.9 185.0 -29.5			-.17	-.10
605.3	168.3	326.2			68. 185.	30.0 185.0 -29.6			-.17	-.10
611.4	168.0	326.2			63. 185.	35.4 185.0 -35.0			-.16	-.11
617.2	168.1	326.2			75. 185.	22.4 185.0 -22.1			-.19	-.08
623.6	168.2	326.2			87. 185.					
629.7	168.2	326.2			70. 185.	27.9 185.0 -27.5			-.18	-.09
635.7	168.3	326.2			72. 185.	25.7 185.0 -25.3			-.18	-.09
640.7	168.4	326.2			71. 185.	26.7 185.0 -26.4			-.18	-.09
645.0	168.4	326.2			68. 185.	29.9 185.0 -29.5			-.17	-.10
651.0	168.5	326.2			75. 185.	22.2 185.0 -21.9			-.19	-.07
657.1	168.6	326.2			70. 185.	27.7 185.0 -27.3			-.18	-.09
661.7	168.6	326.2			71. 185.	26.6 185.0 -26.2			-.18	-.09
667.8	168.7	326.2			75. 185.	22.1 185.0 -21.8			-.19	-.07
673.9	168.8	326.2			73. 185.	24.3 185.0 -24.0			-.18	-.08
680.3	168.8	326.2			77. 185.	19.8 185.0 -19.5			-.19	-.07
685.2	168.9	326.2			77. 185.	19.7 185.0 -19.4			-.19	-.07
689.1	168.9	326.2			77. 185.	19.7 185.0 -19.4			-.19	-.07
693.4	169.0	326.2			65. 185.	32.7 185.0 -32.3			-.17	-.11
695.6	169.0	326.2			84. 185.					
699.8	169.1	326.2			73. 185.	24.2 185.0 -23.8			-.18	-.08
702.8	169.1	326.1			74. 185.	23.0 185.0 -22.7			-.18	-.08

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  77X06R       *    START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000, = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -4.31 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 31.11 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 801.0 METERS J = 1 - 434

MAX PAPER WIDTH REQUIRED: 35.0 INCHES

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* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

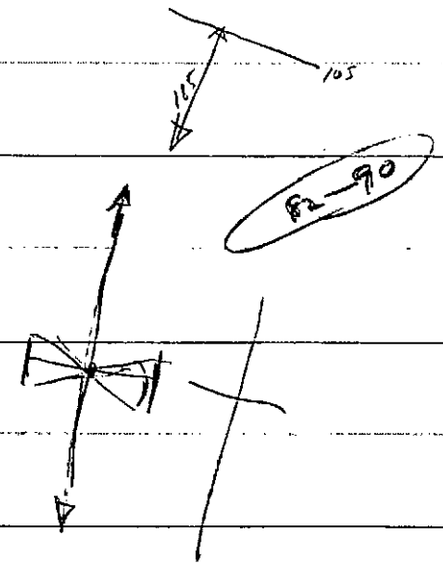
PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
23.4	179.4	338.9						70.	185.	20.5	185.0	3.7	.20	.01
30.8	179.2	332.3						73.	185.	17.7	185.0	3.2	.20	.01
38.2	179.0	325.6						64.	185.	26.8	185.0	5.0	.20	.02
45.1	178.8	319.4						72.	185.	18.8	185.0	3.4	.20	.01
51.1	178.7	314.0						74.	185.	16.8	185.0	3.0	.20	.01
55.6	178.6	309.9						79.	185.	11.0	185.0	1.9	.20	.01
61.1	178.4	305.0						73.	185.	17.7	185.0	3.2	.20	.01
67.2	178.0	303.3						77.	185.	13.8	185.0	2.4	.20	.01
74.2	177.4	302.4						80.	185.	10.9	185.0	1.9	.20	.01
79.8	177.0	301.6						81.	185.	9.9	185.0	1.7	.20	.01
84.4	176.6	301.0						75.	185.	16.2	185.0	2.9	.20	.01
90.6	176.1	300.1						58.	185.	33.5	185.0	6.6	.20	.02
94.9	175.7	299.5						78.	185.	13.1	185.0	2.3	.20	.01
100.9	175.2	298.7						74.	185.	17.3	185.0	3.1	.20	.01
107.5	174.7	297.8						71.	185.	20.4	185.0	3.7	.20	.01
113.7	174.2	297.0						81.	185.	9.4	185.0	1.6	.20	.01
118.4	173.8	296.3						78.	185.	12.8	185.0	2.3	.20	.01
123.6	173.4	295.6						78.	185.	12.6	185.0	2.2	.20	.01
128.4	173.0	294.9						75.	185.	15.9	185.0	2.8	.20	.01
135.6	172.4	294.0						78.	185.	12.1	185.0	2.1	.20	.01
142.3	171.8	293.0						56.	185.	35.7	185.0	7.1	.20	.02
147.3	171.4	292.4						68.	185.	23.1	185.0	4.2	.20	.01
151.8	171.0	291.7						69.	185.	21.8	185.0	4.0	.20	.01
158.2	170.9	291.8						65.	185.	26.2	185.0	4.9	.20	.02
163.7	170.8	292.2						80.	185.	7.5	185.0	1.3	.20	.00
170.9	170.8	292.7						82.	185.					
174.8	170.8	293.0						85.	185.					
180.2	170.7	293.4						86.	185.					
186.0	170.7	293.8						78.	185.	11.2	185.0	2.0	.20	.01
192.8	170.6	294.3						77.	185.	12.7	185.0	2.2	.20	.01
198.0	170.6	294.7						78.	185.	11.3	185.0	2.0	.20	.01
204.5	170.6	295.2						83.	185.					
210.3	170.5	295.6						83.	185.					
216.3	170.5	296.0						84.	185.					
221.8	170.5	296.4						78.	185.	11.6	185.0	2.0	.20	.01
228.4	170.4	296.9						81.	185.	3.8	185.0	.7	.20	.00
232.4	170.4	297.2						79.	185.	10.2	185.0	1.8	.20	.01
238.3	170.3	297.6						74.	185.	17.1	185.0	3.1	.20	.01
243.2	170.3	298.0						80.	185.	8.4	185.0	1.5	.20	.01
249.6	170.3	297.9						67.	185.	25.1	185.0	4.6	.20	.02
255.4	170.2	297.7						81.	185.	3.7	185.0	.6	.20	.00

****
* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
MEIERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
261.8	170.1	297.5					82. 185.					
266.7	170.1	297.3					80. 185.	7.8	185.0	1.4	.20	.00
271.3	170.0	297.2					77. 185.	13.0	185.0	2.3	.20	.01
278.9	170.0	296.9					73. 185.	18.1	185.0	3.2	.20	.01
283.9	169.9	296.7					90. 185.					
291.4	169.8	296.5					90. 185.					
296.7	169.8	296.3					72. 185.	19.1	185.0	3.4	.20	.01
300.1	169.8	296.2					86. 185.					
306.6	169.7	295.9					82. 185.					
312.0	169.6	295.8					90. 185.					
319.1	169.6	295.5					78. 185.	10.7	185.0	1.9	.20	.01
324.7	169.5	295.3					66. 185.	25.7	185.0	4.8	.20	.02
330.4	169.5	295.1					74. 185.	16.3	185.0	2.9	.20	.01
337.4	169.4	294.9					75. 185.	14.9	185.0	2.6	.20	.01
371.4	170.2	295.7					82. 185.					
376.7	170.3	295.8					83. 185.					
378.6	170.4	295.8					78. 185.	11.4	185.0	2.0	.20	.01
383.7	170.5	295.9					85. 185.					
388.1	170.6	296.0					77. 185.	13.0	185.0	2.3	.20	.01
394.5	170.7	296.2					90. 185.					
398.4	170.8	296.3					78. 185.	11.8	185.0	2.1	.20	.01
404.4	171.0	296.4					86. 185.					
410.9	171.1	296.5					80. 185.	8.9	185.0	1.6	.20	.01
415.6	171.2	296.6					68. 185.	23.8	185.0	4.4	.20	.02
422.1	171.4	296.8					68. 185.	23.8	185.0	4.4	.20	.02
426.4	171.5	296.9					76. 185.	14.8	185.0	2.6	.20	.01
432.2	171.6	298.3					75. 185.	16.2	185.0	2.9	.20	.01
437.8	171.7	300.1					90. 185.					
440.5	171.7	301.0					80. 185.	10.3	185.0	1.8	.20	.01
444.6	171.8	302.3					64. 185.	28.8	185.0	5.5	.20	.02
450.8	171.9	304.4					73. 185.	19.5	185.0	3.5	.20	.01
455.9	171.9	306.0					67. 185.	26.2	185.0	4.9	.20	.02
462.0	172.0	308.0					69. 185.	24.3	185.0	4.5	.20	.02
468.2	172.1	310.0					72. 185.	21.4	185.0	3.9	.20	.01
474.0	172.2	311.9					76. 185.	17.3	185.0	3.1	.20	.01
478.5	172.3	313.4					84. 185.	4.8	185.0	.8	.20	.00
483.5	172.4	315.0					77. 185.	16.5	185.0	3.0	.20	.01
489.5	172.5	317.0					87. 185.					
495.5	172.6	318.9					82. 185.	11.1	185.0	2.0	.20	.01
501.0	172.6	320.7					62. 185.	32.9	185.0	6.4	.20	.02
505.5	172.7	322.2					73. 185.	21.7	185.0	3.9	.20	.01



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* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP		H	V
510.8	172.8	323.9						67. 185.	28.0	185.0	5.3		.20	.02
516.1	172.9	325.6						87. 185.						
520.0	172.8	326.2						90. 185.						
526.4	172.4	326.2						75. 185.	20.2	185.0	3.7		.20	.01
533.9	172.1	326.2						78. 185.	17.1	185.0	3.1		.20	.01
537.5	171.9	326.2						73. 185.	22.6	185.0	4.1		.20	.01
541.3	171.7	326.2						82. 185.	.4	185.0	.1		.20	.00
									12.6	185.0	2.2		.20	.01
547.5	171.3	326.2						79. 185.	16.4	185.0	2.9		.20	.01
552.3	171.1	326.2						79. 185.	16.5	185.0	2.9		.20	.01
557.1	170.8	326.2						77. 185.	18.9	185.0	3.4		.20	.01
563.3	170.5	326.2						83. 185.	3.7	185.0	.6		.20	.00
									11.1	185.0	2.0		.20	.01
567.5	170.3	326.2						69. 185.	27.7	185.0	5.2		.20	.02
569.9	170.2	326.2						69. 185.	27.8	185.0	5.2		.20	.02
573.5	170.0	326.2						55. 185.	42.3	185.0	9.0		.20	.03
579.4	169.7	326.2						75. 185.	21.6	185.0	3.9		.20	.01
584.0	169.4	326.2						78. 185.	18.3	185.0	3.3		.20	.01
590.5	169.1	326.2						41. 185.	57.2	185.0	15.1		.19	.05
597.0	168.7	326.2						77. 185.	19.8	185.0	3.6		.20	.01
600.7	168.5	326.2						68. 185.	29.9	185.0	5.7		.20	.02
605.3	168.3	326.2						68. 185.	30.0	185.0	5.7		.20	.02
611.4	168.0	326.2						63. 185.	35.4	185.0	7.0		.20	.02
617.2	168.1	326.2						75. 185.	22.4	185.0	4.1		.20	.01
623.6	168.2	326.2						87. 185.						
629.7	168.2	326.2						70. 185.	27.9	185.0	5.3		.20	.02
635.7	168.3	326.2						72. 185.	25.7	185.0	4.8		.20	.02
640.7	168.4	326.2						71. 185.	26.7	185.0	5.0		.20	.02
645.0	168.4	326.2						68. 185.	29.9	185.0	5.7		.20	.02
651.0	168.5	326.2						75. 185.	22.2	185.0	4.1		.20	.01
657.1	168.6	326.2						70. 185.	27.7	185.0	5.2		.20	.02
661.7	168.6	326.2						71. 185.	26.6	185.0	5.0		.20	.02
667.8	168.7	326.2						75. 185.	22.1	185.0	4.0		.20	.01
673.9	168.8	326.2						73. 185.	24.3	185.0	4.5		.20	.02
680.3	168.8	326.2						77. 185.	19.8	185.0	3.6		.20	.01
685.2	168.9	326.2						77. 185.	19.7	185.0	3.6		.20	.01
689.1	168.9	326.2						77. 185.	19.7	185.0	3.6		.20	.01
693.4	169.0	326.2						65. 185.	32.7	185.0	6.4		.20	.02
695.6	169.0	326.2						84. 185.						
699.8	169.1	326.2						73. 185.	24.2	185.0	4.5		.20	.02
702.8	169.1	326.1						74. 185.	23.0	185.0	4.2		.20	.01

****
* DDH: 77X06R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
708.0	168.9	324.8						75.	185.	21.7	185.0	4.0	.20	.01
714.5	168.7	323.2						83.	185.					
720.7	168.4	321.7						83.	185.					
726.6	168.2	320.3						79.	185.	1.2	185.0	.2	.20	.00
										15.7	185.0	2.8	.20	.01
732.8	168.0	318.8						82.	185.					
738.4	167.8	317.4						81.	185.	8.3	185.0	1.5	.20	.01
745.2	167.5	315.8						77.	185.	17.2	185.0	3.1	.20	.01
751.2	167.3	314.3						75.	185.	19.5	185.0	3.5	.20	.01
757.5	167.1	312.8						82.	185.					
763.0	166.9	311.4						73.	185.	21.3	185.0	3.9	.20	.01
769.6	166.7	309.8						73.	185.	20.8	185.0	3.8	.20	.01
775.8	166.4	308.3						72.	185.	21.6	185.0	3.9	.20	.01
781.8	166.2	306.9						64.	185.	30.8	185.0	5.9	.20	.02
787.4	166.0	305.5						73.	185.	19.3	185.0	3.5	.20	.01
793.3	165.8	304.1						77.	185.	3.0	185.0	.5	.20	.00
										11.0	185.0	1.9	.20	.01
798.6	164.9	304.0						77.	185.					

***** PLOT NUMBER 3 FINISHED *****

```
 STOP ALL PLOTS FINISHED
SRU'S:41.8
!*
!ADVANCE
```

```
**************************
*      DDH:  77X06R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320253.0  NORTH: 22648421.0
                      ELEV:     1076.2


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
       1  T77X06R  01076.22264842100320253 METERS
       2  R77X06R       0        180.0    0.   PREDICTED
       3  R77X06R     622        178.4  304.0  PREDICTED
       4  R77X06R    1536        170.9  291.5  PREDICTED
       5  R77X06R    2450        170.3  298.1  PREDICTED
       6  R77X06R    3365        169.4  294.9  PREDICTED
       7  R77X06R    4279        171.5  296.9  PREDICTED
       8  R77X06R    5178        172.9  326.2  PREDICTED
       9  R77X06R    6108        168.0  326.2  PREDICTED
      10  R77X06R    7022        169.1  326.2  PREDICTED
      11  R77X06R    7937        165.8  304.0  PREDICTED
      12  R77X06R     8010       164.4  304.0  PREDICTED
      13  L77X06R  00000 00229 01    #
      14  L77X06R  00229 00357 02 5B0
      15  L77X06R  00357 00788 03 5B0
      16  L77X06R  00788 00938 04 5B6
      17  L77X06R  00938 01035 05 5B0
      18  L77X06R  01035 01068 06 5D3
      19  L77X06R  01068 01100 07 5B6
      20  L77X06R  01100 01129 08 5D3
      21  L77X06R  01129 01166 09 5B0
      22  L77X06R  01166 01840 10 5B6
      23  L77X06R  01840 02170 11 5B0
      24  L77X06R  02170 02361 12 5B6
      25  L77X06R  02361 02999 13 5B0
      26  L77X06R  02999 03052 14 5D3
      27  L77X06R  03052 03278 15 5B0
      28  L77X06R  03278 03311 16 5D3
      29  L77X06R  03311 03338 17 5B6
      30  L77X06R  03338 03378 18 5D6
      31  L77X06R  03378 03627 19 0C9
      32  L77X06R  03627 03703 20 0C0
      33  L77X06R  03703 03851 21 5B0
      34  L77X06R  03851 03894 22 5B6
      35  L77X06R  03894 03984 23 5B0
      36  L77X06R  03984 04154 24 5B7
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    37 L77X06R  04154 04182 25 5D3
    38 L77X06R  04182 04272 26 5B7
    39 L77X06R  04272 04275 27 5D6
    40 L77X06R  04275 04287 28 4C0
    41 L77X06R  04287 04343 29 5D3
    42 L77X06R  04343 04344 30 4C7
    43 L77X06R  04344 04359 31 5D3
    44 L77X06R  04359 04366 32 4E4
    45 L77X06R  04366 04385 33 5D3
    46 L77X06R  04385 04428 34 4C0
    47 L77X06R  04428 04432 35 5B8
    48 L77X06R  04432 04447 36 4C4
    49 L77X06R  04447 04481 37 5D3
    50 L77X06R  04481 04526 38 5B0
    51 L77X06R  04526 04555 39 4C0
    52 L77X06R  04555 04627 40 4K0
    53 L77X06R  04627 04655 41 5B0
    54 L77X06R  04655 04750 42 5B7
    55 L77X06R  04750 05038 43 5B7
    56 L77X06R  05038 05413 44 5B6
    57 L77X06R  05413 05522 45 4A1
    58 L77X06R  05522 05568 46 5B6
    59 L77X06R  05568 05571 47 5D3
    60 L77X06R  05571 05633 48 4A1
    61 L77X06R  05625 05766 49 5A0
    62 L77X06R  05766 05795 50 4A0
    63 L77X06R  05795 05837 51 5A0
    64 L77X06R  05837 05865 52 4C0
    65 L77X06R  05865 05884 53 4E1
    66 L77X06R  05884 05934 54 4G0
    67 L77X06R  05934 05948 55 4E1
    68 L77X06R  05948 05977 56 4A0
    69 L77X06R  05977 05993 57 4G1
    70 L77X06R  05993 06001 58 4C0
    71 L77X06R  06001 06046 59 4G1
    72 L77X06R  06046 06051 60 5F9
    73 L77X06R  06051 06076 61 4D6
    74 L77X06R  06076 06085 62 4A1
    75 L77X06R  06085 06113 63 4D0
    76 L77X06R  06113 06121 64 4E6
    77 L77X06R  06121 06148 65 5B4
    78 L77X06R  06148 06177 66 5B6
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    79 L77X06R  06177 06203 67 4B0
    80 L77X06R  06203 06425 68 5B7
    81 L77X06R  06425 06516 69 5D3
    82 L77X06R  06516 06640 70 5B6
    83 L77X06R  06640 06664 71 5D3
    84 L77X06R  06664 06679 72 5G3
    85 L77X06R  06679 06699 73 5D3
    86 L77X06R  06699 06717 74 5G3
    87 L77X06R  06717 06754 75 5B0
    88 L77X06R  06754 06834 76 5D3
    89 L77X06R  06834 06922 77 5B0
    90 L77X06R  06922 06937 78 5A*
    91 L77X06R  06937 07360 79 5B6
    92 L77X06R  07360 07383 80 5A0
    93 L77X06R  07383 07816 81 5B6
    94 L77X06R  07816 07833 82 5D4
    95 L77X06R  07833 07864 83 5D6
    96 L77X06R  07864 07891 84 5D6
    97 L77X06R  07891 07948 85 5D6
    98 L77X06R  07948 08010 86 5B6
    99 S77X06R        00234 CS2        70185
   100 S77X06R        00308 CS2        73185
   101 S77X06R        00382 CS2        64185
   102 S77X06R        00451 CS2        72185
   103 S77X06R        00511 CS2        74185
   104 S77X06R        00556 CS2        79185
   105 S77X06R        00611 CS2        73185
   106 S77X06R        00672 CS2        77185
   107 S77X06R        00742 CS2        80185
   108 S77X06R        00798 CS2        81185
   109 S77X06R        00844 CS2        75185
   110 S77X06R        00906 CS2        58185
   111 S77X06R        00949 CS2        78185
   112 S77X06R        01000  F2 E
   113 S77X06R        01009 CS2        74185
   114 S77X06R        01075 CS2        71185
   115 S77X06R        01077  F2 3
   116 S77X06R        01137 CS2        81185
   117 S77X06R        01184 CS2        78185
   118 S77X06R        01231  F2 E
   119 S77X06R        01236 CS2        78185
   120 S77X06R        01284 CS2        75185
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0     0     0     0     0     0     0     0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
     1....0....0....0....0....0....0....0....0....0....0....0....0....0....0....0.
205  S77X06R        05055 CS2         73185
206  S77X06R        05069  F2 E
207  S77X06R        05108 CS2         67185
208  S77X06R        05161 CS2         87185
209  S77X06R        05180  F2 3
210  S77X06R        05200 CS2         90185
211  S77X06R        05263  F2 E
212  S77X06R        05264 CS2         75185
213  S77X06R        05301  F2 3
214  S77X06R        05339 CS2         78185
215  S77X06R        05375 CS2         73185
216  S77X06R        05382  F2 E
217  S77X06R        05413 CS2         82185
218  S77X06R        05475 CS2         79185
219  S77X06R        05501  F2 3
220  S77X06R        05508  F1 Z
221  S77X06R        05523 CS2         79185
222  S77X06R        05525  F2 E
223  S77X06R        05571 CS2         77185
224  S77X06R        05633 CS2         83185
225  S77X06R        05661  F2 3
226  S77X06R        05675 CS2         69185
227  S77X06R        05689  F2 E
228  S77X06R        05699 CS2         69185
229  S77X06R        05709  F2 3
230  S77X06R        05735 CS2         55185
231  S77X06R        05749  F2 E
232  S77X06R        05794 CS2         75185
233  S77X06R        05829  F2 3
234  S77X06R        05840 PS2         78185
235  S77X06R        05905 PS2         41185
236  S77X06R        05970 PS2         77185
237  S77X06R        06007 PS2         68185
238  S77X06R        06053 PS2         68185
239  S77X06R        06114 PS2         63185
240  S77X06R        06172 CS2         75185
241  S77X06R        06236 CS2         87185
242  S77X06R        06297 CS2         70185
243  S77X06R        06357 CS2         72185
244  S77X06R        06407 CS2         71185
245  S77X06R        06450 CS2         68185
246  S77X06R        06495  F2 E
     1.....1.....2.....3.....4.....5.....6.....7.....8
           0     0     0     0     0     0     0     0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247  S77X06R        06510 CS2         75185
  248  S77X06R        06571 CS2         70185
  249  S77X06R        06617 CS2         71185
  250  S77X06R        06631  F2 3
  251  S77X06R        06678 CS2         75185
  252  S77X06R        06712  F2 E
  253  S77X06R        06717  F1 S
  254  S77X06R        06739 CS2         73185
  255  S77X06R        06772  F2 3
  256  S77X06R        06803 CS2         77185
  257  S77X06R        06852 CS2         77185
  258  S77X06R        06863  F2 M
  259  S77X06R        06891 CS2         77185
  260  S77X06R        06909  F2 M
  261  S77X06R        06934 CS2         65185
  262  S77X06R        06956 CS2         84185
  263  S77X06R        06998 CS2         73185
  264  S77X06R        07028 CS2         74185
  265  S77X06R        07080 CS2         75185
  266  S77X06R        07145 CS2         83185
  267  S77X06R        07207 CS2         83185
  268  S77X06R        07266 CS2         79185
  269  S77X06R        07328 CS2         82185
  270  S77X06R        07355  F2 E
  271  S77X06R        07384 CS2         81185
  272  S77X06R        07437  F2 3
  273  S77X06R        07452 CS2         77185
  274  S77X06R        07512 CS2         75185
  275  S77X06R        07532  F2 E
  276  S77X06R        07575 CS2         82185
  277  S77X06R        07595  F2 3
  278  S77X06R        07630 CS2         73185
  279  S77X06R        07658  F2 E
  280  S77X06R        07696 CS2         73185
  281  S77X06R        07697  F2 3
  282  S77X06R        07758 CS2         72185
  283  S77X06R        07818 CS2         64185
  284  S77X06R        07874 CS2         73185
  285  S77X06R        07933 CS2         77185
  286  S77X06R        07986 CS2         77185
  287  P77X06R  05413 05433 002629
  288  P77X06R  05433 05453 002630
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  289  P77X06R  05453 05473 002631
  290  P77X06R  05473 05493 002632
  291  P77X06R  05493 05508 002633
  292  P77X06R  05508 05522 002634
  293  P77X06R  05571 05591 002635
  294  P77X06R  05591 05611 002636
  295  P77X06R  05766 05781 002637
  296  P77X06R  05781 05795 002638
  297  P77X06R  05837 05847 002639
  298  P77X06R  05847 05865 002640
  299  P77X06R  05865 05884 002641
  300  P77X06R  05884 05904 002642
  301  P77X06R  05904 05924 002643
  302  P77X06R  05924 05934 002644
  303  P77X06R  05934 05948 002645
  304  P77X06R  05948 05968 002646
  305  P77X06R  05968 05977 002647
  306  P77X06R  05977 05993 002648
  307  P77X06R  05993 06013 002649
  308  P77X06R  06013 06033 002650
  309  P77X06R  06033 06046 002651
  310  P77X06R  06046 06066 002652
  311  P77X06R  06066 06085 002653
  312  P77X06R  06085 06105 002654
  313  P77X06R  06105 06121 002655
  314  P77X06R  06121 06131 002656
  315  A77X06R  541.3543.3   2629 1.0    44  161  289  450 311 .01 040-.5 2.7912250
  316  A77X06R  543.3545.3   2630 2.0    43  198  288  486 290 .03 040-.5 3.13 8200
  317  A77X06R  545.3547.3   2631 2.0    60  298  479  777 299 .05 040-.5 2.89 5030
  318  A77X06R  547.3549.3   2632 2.0    46  251  483  734 275 .02 040-.5 2.95 3260
  319  A77X06R  549.3550.8   2633 1.5    35  231  401  632 276 .04 026-.5 2.87 2540
  320  A77X06R  550.8552.3   2634 1.4    75  334  648  982 293 .03 020-.5 2.65 4970
  321  A77X06R  557.1559.1   2635 2.0    35  198  348  546 278 .03 059-.5 4.16 2450
  322  A77X06R  559.1561.1   2636 2.0    27  134  267  401 288 .03 034-.5 4.11 5510
  323  A77X06R  576.6578.1   2637 1.5    85  443 1076 1519 327 .03 020-.5 2.72 9510
  324  A77X06R  578.1579.5   2638 1.4    51  252  553  805 297 .03 056-.5 2.94 4680
  325  A77X06R  583.7584.7   2639 1.0    40  219  479  698 299 .05 098-.5 2.90 6820
  326  A77X06R  584.7586.5   2640 1.8    36  196  284  480 267 .02 035-.5 2.8511780
  327  A77X06R  586.5588.4   2641 1.9   147  823  824 1647 369 .11 091-.5 2.2319520
  328  A77X06R  588.4590.4   2642 2.0   160  711 1372 2083 424 .112877-.5 0.5713860
  329  A77X06R  590.4592.4   2643 2.0    80  476 1115 1591 394 .012709-.5 1.0011230
  330  A77X06R  592.4593.4   2644 1.0    18  161  480  641 442 .015403-.5 0.3312400
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 77X06R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  331  A77X06R 593.4594.8  2645 1.4   180 1049 1899 2948 404 .04 072-.5 1.7215920
  332  A77X06R 594.8596.8  2646 2.0   187 1041 2133 3174 351 .01 021-.5 3.18 5840
  333  A77X06R 596.8597.7  2647 0.9   180  876 2120 2996 355 .01 027-.5 4.10 5420
  334  A77X06R 597.7599.3  2648 1.6    66  396  605 1001 394 .052055-.5 2.3418410
  335  A77X06R 599.3601.3  2649 2.0    84  411 1199 1610 360 .071461-.5 2.9712770
  336  A77X06R 601.3603.3  2650 2.0    74  375  933 1308 382 .032405-.5 2.8113430
  337  A77X06R 603.3604.6  2651 1.3   160  781 1423 2204 382 .081705-.5 3.1210010
  338  A77X06R 604.6606.6  2652 2.0    98  612  701 1313 348 .08 069-.5 2.9214420
  339  A77X06R 606.6608.5  2653 1.9    98  622 1096 1718 343 .10 041-.5 2.0913150
  340  A77X06R 608.5610.5  2654 2.0   100  582  859 1441 290 .15 040-.5 2.6413800
  341  A77X06R 610.5612.1  2655 1.6   105  674  942 1616 367 .12 207-.5 2.2621600
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

DDH: 77X06R -- SUMMARY OF DATA INPUT

RECORDS READ = 341 RELEASED TO SORT 435
TYPE-L = 86
TYPE-P = 28
TYPE-R = 11
TYPE-S = 188
TYPE-X = 40
TYPE-A = 54
TYPE-V = 27 (GENERATED TO DEPTH: 800.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 801.0 METERS

```
**************************
*      DDH:  77X06R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320253.0  NORTH: 22648421.0
                      ELEV:     1076.2

    ----  UNITS OF MEASUREMENT ARE METERS  ----

      BOREHOLE SECTION  1  --  DEPTH:          0.    -   62.20 METERS
                               ZENITH ANG:  180.00  -  178.40
                               AZIMUTH:       0.    -  304.00

      BOREHOLE SECTION  2  --  DEPTH:         62.20  -  153.60 METERS
                               ZENITH ANG:  178.40  -  170.90
                               AZIMUTH:     304.00  -  291.50

      BOREHOLE SECTION  3  --  DEPTH:        153.60  -  245.00 METERS
                               ZENITH ANG:  170.90  -  170.30
                               AZIMUTH:     291.50  -  298.10

      BOREHOLE SECTION  4  --  DEPTH:        245.00  -  336.50 METERS
                               ZENITH ANG:  170.30  -  169.40
                               AZIMUTH:     298.10  -  294.90

      BOREHOLE SECTION  5  --  DEPTH:        336.50  -  427.90 METERS
                               ZENITH ANG:  169.40  -  171.50
                               AZIMUTH:     294.90  -  296.90

      BOREHOLE SECTION  6  --  DEPTH:        427.90  -  517.80 METERS
                               ZENITH ANG:  171.50  -  172.90
                               AZIMUTH:     296.90  -  326.20

      BOREHOLE SECTION  7  --  DEPTH:        517.80  -  610.80 METERS
                               ZENITH ANG:  172.90  -  168.00
                               AZIMUTH:     326.20  -  326.20

      BOREHOLE SECTION  8  --  DEPTH:        610.80  -  702.20 METERS
                               ZENITH ANG:  168.00  -  169.10
                               AZIMUTH:     326.20  -  326.20

      BOREHOLE SECTION  9  --  DEPTH:        702.20  -  793.70 METERS
                               ZENITH ANG:  169.10  -  165.80
                               AZIMUTH:     326.20  -  304.00

      BOREHOLE SECTION 10  --  DEPTH:        793.70  -  801.00 METERS
                               ZENITH ANG:  165.80  -  164.40
                               AZIMUTH:     304.00  -  304.00

  FINISHED -- BOREHOLE LENGTH =    801.00 METERS
              FILE SIZE =      435
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* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
22.9	L	01 #									22.9	-.0	.1	179.4	339.4
23.4	S				CS2				70.	185.	23.4	-.0	.1	179.4	338.9
30.8	S				CS2				73.	185.	30.8	-.1	.2	179.2	332.3
35.7	L	02 5B0									35.7	-.1	.3	179.1	327.9
38.2	S				CS2				64.	185.	38.2	-.1	.3	179.0	325.6
45.1	S				CS2				72.	185.	45.1	-.2	.4	178.8	319.4
51.1	S				CS2				74.	185.	51.1	-.3	.5	178.7	314.0
55.6	S				CS2				79.	185.	55.6	-.4	.6	178.6	309.9
61.1	S				CS2				73.	185.	61.1	-.5	.7	178.4	305.0
62.2	R										62.2	-.5	.7	178.4	304.0
67.2	S				CS2				77.	185.	67.2	-.6	.8	178.0	303.3
74.2	S				CS2				80.	185.	74.2	-.9	.9	177.4	302.4
78.8	L	03 5B0									78.8	-1.1	1.0	177.0	301.7
79.8	S				CS2				81.	185.	79.8	-1.1	1.1	177.0	301.6
84.4	S				CS2				75.	185.	84.4	-1.3	1.2	176.6	301.0
90.6	S				CS2				58.	185.	90.6	-1.7	1.4	176.1	300.1
93.8	L	04 5B6									93.7	-1.9	1.5	175.8	299.7
94.9	S				CS2				78.	185.	94.8	-1.9	1.5	175.7	299.5
100.0	S				F2	E					99.9	-2.3	1.7	175.3	298.8
100.9	S				CS2				74.	185.	100.8	-2.4	1.8	175.2	298.7
103.5	L	05 5B0									103.4	-2.6	1.9	175.0	298.4
106.8	L	06 5D3									106.7	-2.8	2.0	174.7	297.9
107.5	S				CS2				71.	185.	107.4	-2.9	2.1	174.7	297.8
107.7	S				F2	3					107.6	-2.9	2.1	174.7	297.8
110.0	L	07 5B6									109.9	-3.1	2.2	174.5	297.5
112.9	L	08 5D3									112.8	-3.3	2.3	174.2	297.1
113.7	S				CS2				81.	185.	113.6	-3.4	2.3	174.2	297.0
116.6	L	09 5B0									116.5	-3.7	2.5	173.9	296.6
118.4	S				CS2				78.	185.	118.2	-3.8	2.5	173.8	296.3
123.1	S				F2	E					122.9	-4.3	2.8	173.4	295.7
123.6	S				CS2				78.	185.	123.4	-4.4	2.8	173.4	295.6
128.4	S				CS2				75.	185.	128.2	-4.9	3.0	173.0	294.9
129.3	S				F2	3					129.1	-5.0	3.1	172.9	294.8
135.6	S				CS2				78.	185.	135.3	-5.7	3.4	172.4	294.0
142.3	S				CS2				56.	185.	142.0	-6.6	3.8	171.8	293.0
147.3	S				CS2				68.	185.	146.9	-7.2	4.1	171.4	292.4
151.8	S				CS2				69.	185.	151.4	-7.9	4.3	171.0	291.7

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
153.6	R										153.1	-8.1	4.4	170.9	291.5
158.2	S				CS2				65.	185.	157.7	-8.8	4.7	170.9	291.8
163.7	S				CS2				80.	185.	163.1	-9.6	5.0	170.8	292.2
165.9	S				F2	E					165.3	-9.9	5.2	170.8	292.4
170.9	S				CS2				82.	185.	170.2	-10.7	5.5	170.8	292.7
171.9	S				F2	3					171.2	-10.8	5.5	170.8	292.8
174.8	S				CS2				85.	185.	174.1	-11.3	5.7	170.8	293.0
180.2	S				CS2				86.	185.	179.4	-12.1	6.1	170.7	293.4
184.0	L	10 5B6									183.1	-12.6	6.3	170.7	293.7
186.0	S				CS2				78.	185.	185.1	-12.9	6.4	170.7	293.8
190.6	S				F2	E					189.7	-13.6	6.7	170.7	294.2
192.8	S				CS2				77.	185.	191.8	-13.9	6.9	170.6	294.3
195.5	S				F2	3					194.5	-14.3	7.1	170.6	294.5
198.0	S				CS2				78.	185.	197.0	-14.7	7.2	170.6	294.7
204.5	S				CS2				83.	185.	203.4	-15.7	7.7	170.6	295.2
204.8	S				F2	E					203.7	-15.7	7.7	170.6	295.2
210.3	S				CS2				83.	185.	209.1	-16.5	8.1	170.5	295.6
215.2	S				F2	3					213.9	-17.2	8.4	170.5	295.9
216.3	S				CS2				84.	185.	215.0	-17.4	8.5	170.5	296.0
217.0	L	11 5B0									215.7	-17.5	8.6	170.5	296.1
220.9	S				F2	E					219.5	-18.1	8.9	170.5	296.4
221.8	S				CS2				78.	185.	220.4	-18.2	8.9	170.5	296.4
228.4	S				CS2				81.	185.	226.9	-19.2	9.4	170.4	296.9
232.4	S				CS2				79.	185.	230.9	-19.8	9.7	170.4	297.2
236.1	L	12 5B6									234.5	-20.4	10.0	170.4	297.5
236.2	S				F2	3					234.6	-20.4	10.0	170.4	297.5
238.3	S				CS2				74.	185.	236.7	-20.7	10.2	170.3	297.6
243.2	S				CS2				80.	185.	241.5	-21.4	10.6	170.3	298.0
245.0	R										243.3	-21.7	10.7	170.3	298.1
249.6	S				CS2				67.	185.	247.8	-22.4	11.1	170.3	297.9
255.4	S				CS2				81.	185.	253.6	-23.2	11.5	170.2	297.7
261.8	S				CS2				82.	185.	259.9	-24.2	12.0	170.1	297.5
266.7	S				CS2				80.	185.	264.7	-24.9	12.4	170.1	297.3
267.2	S				F2	E					265.2	-25.0	12.5	170.1	297.3
271.3	S				CS2				77.	185.	269.2	-25.7	12.8	170.0	297.2
272.6	S				F2	3					270.5	-25.9	12.9	170.0	297.1
278.9	S				CS2				73.	185.	276.7	-26.8	13.4	170.0	296.9
283.9	S				CS2				90.	185.	281.6	-27.6	13.8	169.9	296.7

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* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
291.4	S				CS2				90.	185.	289.0	-28.8	14.4	169.8	296.5
296.7	S				CS2				72.	185.	294.2	-29.6	14.8	169.8	296.3
299.9	L	13 5B0									297.4	-30.1	15.0	169.8	296.2
300.1	S				CS2				86.	185.	297.6	-30.2	15.1	169.8	296.2
305.2	L	14 5D3									302.6	-31.0	15.5	169.7	296.0
306.6	S				CS2				82.	185.	304.0	-31.2	15.6	169.7	295.9
312.0	S				CS2				90.	185.	309.3	-32.1	16.0	169.6	295.8
319.1	S				CS2				78.	185.	316.3	-33.2	16.5	169.6	295.5
324.7	S				CS2				66.	185.	321.8	-34.2	17.0	169.5	295.3
327.8	L	15 5B0									324.8	-34.7	17.2	169.5	295.2
330.4	S				CS2				74.	185.	327.4	-35.1	17.4	169.5	295.1
331.1	L	16 5D3									328.1	-35.2	17.5	169.5	295.1
333.8	L	17 5B6									330.7	-35.7	17.7	169.4	295.0
336.5	R										333.4	-36.1	17.9	169.4	294.9
337.4	S				CS2				75.	185.	334.3	-36.3	18.0	169.4	294.9
337.8	L	18 5D6									334.6	-36.3	18.0	169.4	294.9
362.7	L	19 0C9									359.1	-40.3	19.9	170.0	295.5
370.3	L	20 0C0									366.6	-41.5	20.5	170.2	295.6
371.4	S				CS2				82.	185.	367.7	-41.7	20.5	170.2	295.7
376.7	S				CS2				83.	185.	372.9	-42.5	20.9	170.3	295.8
377.0	S				F2	E					373.2	-42.6	20.9	170.3	295.8
378.6	S				CS2				78.	185.	374.8	-42.8	21.1	170.4	295.8
379.9	S				F2	3					376.1	-43.0	21.2	170.4	295.8
383.7	S				CS2				85.	185.	379.8	-43.6	21.4	170.5	295.9
385.1	L	21 5B0									381.2	-43.8	21.5	170.5	296.0
388.1	S				CS2				77.	185.	384.2	-44.2	21.8	170.6	296.0
389.4	L	22 5B6									385.5	-44.4	21.8	170.6	296.1
394.5	S				CS2				90.	185.	390.5	-45.1	22.2	170.7	296.2
398.4	L	23 5B0									394.3	-45.7	22.5	170.8	296.3
398.4	S				CS2				78.	185.	394.3	-45.7	22.5	170.8	296.3
400.3	S				F2	E					396.2	-46.0	22.6	170.9	296.3
404.4	S				CS2				86.	185.	400.3	-46.6	22.9	171.0	296.4
406.0	S				F2	3					401.9	-46.8	23.0	171.0	296.4
410.9	S				CS2				80.	185.	406.7	-47.5	23.4	171.1	296.5
415.4	L	24 5B7									411.1	-48.1	23.7	171.2	296.6
415.6	S				CS2				68.	185.	411.3	-48.1	23.7	171.2	296.6
418.2	L	25 5D3									413.9	-48.5	23.9	171.3	296.7
422.1	S				CS2				68.	185.	417.8	-49.0	24.1	171.4	296.8
426.4	S				CS2				76.	185.	422.0	-49.6	24.4	171.5	296.9
427.2	L	26 5B7									422.8	-49.7	24.5	171.5	296.9

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* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
427.5	L	27 5D6							423.1	-49.7	24.5	171.5	296.9
427.9	R								423.5	-49.8	24.5	171.5	296.9
428.7	L	28 4C0							424.3	-49.9	24.6	171.5	297.2
429.1	S				F2	E			424.7	-49.9	24.6	171.5	297.3
432.2	S				CS2			75. 185.	427.7	-50.3	24.8	171.6	298.3
434.3	L	29 5D3							429.8	-50.6	25.0	171.6	299.0
434.4	L	30 4C7							429.9	-50.6	25.0	171.6	299.0
435.9	L	31 5D3							431.4	-50.8	25.1	171.6	299.5
436.6	L	32 4E4							432.1	-50.9	25.1	171.6	299.7
437.8	S				CS2			90. 185.	433.3	-51.1	25.2	171.7	300.1
438.5	L	33 5D3							434.0	-51.1	25.3	171.7	300.4
439.7	S				F2	3			435.2	-51.3	25.4	171.7	300.7
440.5	S				CS2			80. 185.	436.0	-51.4	25.4	171.7	301.0
442.4	S				F2	3			437.8	-51.6	25.6	171.7	301.6
442.8	L	34 4C0							438.2	-51.7	25.6	171.7	301.8
443.2	L	35 5B8							438.6	-51.7	25.6	171.7	301.9
444.6	S				CS2			64. 185.	440.0	-51.9	25.7	171.8	302.3
444.7	L	36 4C4							440.1	-51.9	25.7	171.8	302.4
448.1	L	37 5D3							443.5	-52.3	26.0	171.8	303.5
450.8	S				CS2			73. 185.	446.2	-52.6	26.2	171.9	304.4
452.6	L	38 5B0							447.9	-52.8	26.4	171.9	305.0
454.3	S				F2	E			449.6	-53.0	26.5	171.9	305.5
455.5	L	39 4C0							450.8	-53.2	26.6	171.9	305.9
455.9	S				CS2			67. 185.	451.2	-53.2	26.6	171.9	306.0
462.0	S				CS2			69. 185.	457.2	-53.9	27.1	172.0	308.0
462.7	L	40 4K0							457.9	-54.0	27.2	172.0	308.2
465.0	S				F2	3			460.2	-54.2	27.4	172.1	309.0
465.5	L	41 5B0							460.7	-54.3	27.4	172.1	309.2
468.2	S				CS2			72. 185.	463.4	-54.6	27.7	172.1	310.0
474.0	S				CS2			76. 185.	469.1	-55.2	28.2	172.2	311.9
475.0	L	42 5B7							470.1	-55.3	28.3	172.2	312.3
477.2	S				F2	M			472.3	-55.5	28.5	172.3	313.0
478.5	S				CS2			84. 185.	473.6	-55.6	28.6	172.3	313.4
482.0	S				F2	M			477.1	-55.9	28.9	172.3	314.5
483.5	S				CS2			77. 185.	478.5	-56.1	29.1	172.4	315.0
489.5	S				CS2			87. 185.	484.5	-56.6	29.6	172.5	317.0
495.5	S				CS2			82. 185.	490.4	-57.2	30.2	172.6	318.9
501.0	S				CS2			62. 185.	495.9	-57.6	30.8	172.6	320.7
503.8	L	43 5B7							498.7	-57.8	31.0	172.7	321.6
505.5	S				CS2			73. 185.	500.4	-58.0	31.2	172.7	322.2

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
506.9	S				F2	E					501.7	-58.1	31.4	172.7	322.6
510.8	S				CS2				67.	185.	505.6	-58.4	31.8	172.8	323.9
516.1	S				CS2				87.	185.	510.9	-58.8	32.3	172.9	325.6
517.8	R										512.6	-58.9	32.5	172.9	326.2
518.0	S				F2	3					512.8	-58.9	32.5	172.9	326.2
520.0	S				CS2				90.	185.	514.7	-59.0	32.7	172.8	326.2
526.3	S				F2	E					521.0	-59.5	33.4	172.5	326.2
526.4	S				CS2				75.	185.	521.1	-59.5	33.4	172.4	326.2
530.1	S				F2	3					524.8	-59.8	33.8	172.3	326.2
533.9	S				CS2				78.	185.	528.5	-60.0	34.2	172.1	326.2
537.5	S				CS2				73.	185.	532.1	-60.3	34.6	171.9	326.2
538.2	S				F2	E					532.8	-60.4	34.7	171.8	326.2
541.3	L	44 5B6									535.8	-60.6	35.1	171.7	326.2
541.3	S				CS2				82.	185.	535.8	-60.6	35.1	171.7	326.2
542.3	P		2629	2.							536.8	-60.7	35.2	171.6	326.2
544.3	P		2630	2.							538.8	-60.9	35.5	171.5	326.2
546.3	P		2631	2.							540.8	-61.0	35.7	171.4	326.2
547.5	S				CS2				79.	185.	542.0	-61.1	35.8	171.3	326.2
548.3	P		2632	2.							542.8	-61.2	36.0	171.3	326.2
550.1	P		2633	2.							544.5	-61.4	36.2	171.2	326.2
550.1	S				F2	3					544.6	-61.4	36.2	171.2	326.2
550.8	S				F1	Z					545.2	-61.4	36.3	171.2	326.2
551.5	P		2634	1.							545.9	-61.5	36.4	171.1	326.2
552.2	L	45 4A1									546.6	-61.5	36.4	171.1	326.2
552.3	S				CS2				79.	185.	546.7	-61.5	36.5	171.1	326.2
552.5	S				F2	E					546.9	-61.6	36.5	171.1	326.2
556.8	L	46 5B6									551.2	-61.9	37.0	170.8	326.2
557.1	L	47 5D3									551.5	-62.0	37.1	170.8	326.2
557.1	S				CS2				77.	185.	551.5	-62.0	37.1	170.8	326.2
558.1	P		2635	2.							552.5	-62.1	37.2	170.8	326.2
560.1	P		2636	2.							554.4	-62.2	37.5	170.7	326.2
563.3	L	48 4A1									557.6	-62.5	37.9	170.5	326.2
563.3	S				CS2				83.	185.	557.6	-62.5	37.9	170.5	326.2
566.1	S				F2	3					560.3	-62.8	38.3	170.4	326.2
567.5	S				CS2				69.	185.	561.7	-62.9	38.5	170.3	326.2
568.9	S				F2	E					563.1	-63.1	38.7	170.2	326.2
569.9	S				CS2				69.	185.	564.1	-63.1	38.8	170.2	326.2
570.9	S				F2	3					565.1	-63.2	39.0	170.1	326.2
573.5	S				CS2				55.	185.	567.6	-63.5	39.4	170.0	326.2
574.9	S				F2	E					569.0	-63.6	39.6	169.9	326.2

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
576.6	L	49 5A0									570.7	-63.8	39.8	169.8	326.2
577.4	P		2637	2.							571.4	-63.9	39.9	169.8	326.2
578.8	P		2638	1.							572.9	-64.0	40.1	169.7	326.2
579.4	S				CS2				75.	185.	573.4	-64.1	40.2	169.7	326.2
579.5	L	50 4A0									573.5	-64.1	40.2	169.6	326.2
582.9	S				F2	3					576.9	-64.4	40.8	169.5	326.2
583.7	L	51 5A0									577.7	-64.5	40.9	169.4	326.2
584.0	S				PS2				78.	185.	578.0	-64.5	40.9	169.4	326.2
584.2	P		2639	1.							578.2	-64.6	41.0	169.4	326.2
585.6	P		2640	2.							579.5	-64.7	41.2	169.3	326.2
586.5	L	52 4C0									580.4	-64.8	41.3	169.3	326.2
587.5	P		2641	2.							581.4	-64.9	41.5	169.2	326.2
588.4	L	53 4E1									582.3	-65.0	41.6	169.2	326.2
589.4	P		2642	2.							583.3	-65.1	41.8	169.1	326.2
590.5	S				PS2				41.	185.	584.4	-65.2	41.9	169.1	326.2
591.4	P		2643	2.							585.2	-65.3	42.1	169.0	326.2
592.9	P		2644	1.							586.7	-65.5	42.3	168.9	326.2
593.4	L	54 4G0									587.2	-65.5	42.4	168.9	326.2
594.1	P		2645	1.							587.9	-65.6	42.5	168.9	326.2
594.8	L	55 4E1									588.6	-65.7	42.6	168.8	326.2
595.8	P		2646	2.							589.6	-65.8	42.8	168.8	326.2
597.0	S				PS2				77.	185.	590.7	-65.9	43.0	168.7	326.2
597.2	P		2647	1.							591.0	-65.9	43.0	168.7	326.2
597.7	L	56 4A0									591.4	-66.0	43.1	168.7	326.2
598.5	P		2648	2.							592.2	-66.1	43.2	168.6	326.2
599.3	L	57 4G1									593.0	-66.2	43.3	168.6	326.2
600.1	L	58 4C0									593.8	-66.2	43.5	168.6	326.2
600.3	P		2649	2.							594.0	-66.3	43.5	168.6	326.2
600.7	S				PS2				68.	185.	594.4	-66.3	43.6	168.5	326.2
602.3	P		2650	2.							595.9	-66.5	43.8	168.4	326.2
604.0	P		2651	1.							597.5	-66.7	44.1	168.4	326.2
604.6	L	59 4G1									598.2	-66.7	44.2	168.3	326.2
605.1	L	60 5F9									598.7	-66.8	44.3	168.3	326.2
605.3	S				PS2				68.	185.	598.9	-66.8	44.3	168.3	326.2
605.6	P		2652	2.							599.2	-66.9	44.4	168.3	326.2
607.6	P		2653	2.							601.1	-67.1	44.7	168.2	326.2
607.6	L	61 4D6									601.1	-67.1	44.7	168.2	326.2
608.5	L	62 4A1									602.0	-67.2	44.9	168.1	326.2
609.5	P		2654	2.							603.0	-67.3	45.1	168.1	326.2

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
610.8	R										604.2	-67.5	45.3	168.0	326.2
611.3	L	63 4D0									604.7	-67.5	45.4	168.0	326.2
611.3	P		2655	2.							604.7	-67.5	45.4	168.0	326.2
611.4	S				PS2				63.	185.	604.8	-67.5	45.4	168.0	326.2
612.1	L	64 4E6									605.5	-67.6	45.5	168.0	326.2
612.6	P		2656	1.							606.0	-67.7	45.6	168.0	326.2
614.8	L	65 5B4									608.2	-67.9	46.0	168.0	326.2
617.2	S				CS2				75.	185.	610.5	-68.2	46.4	168.1	326.2
617.7	L	66 5B6									611.0	-68.3	46.5	168.1	326.2
620.3	L	67 4B0									613.5	-68.5	46.9	168.1	326.2
623.6	S				CS2				87.	185.	616.8	-68.9	47.5	168.2	326.2
629.7	S				CS2				70.	185.	622.7	-69.6	48.5	168.2	326.2
635.7	S				CS2				72.	185.	628.6	-70.3	49.5	168.3	326.2
640.7	S				CS2				71.	185.	633.5	-70.9	50.4	168.4	326.2
642.5	L	68 5B7									635.3	-71.1	50.7	168.4	326.2
645.0	S				CS2				68.	185.	637.7	-71.3	51.1	168.4	326.2
649.5	S				F2	E					642.1	-71.8	51.8	168.5	326.2
651.0	S				CS2				75.	185.	643.6	-72.0	52.1	168.5	326.2
651.6	L	69 5D3									644.2	-72.1	52.2	168.5	326.2
657.1	S				CS2				70.	185.	649.6	-72.7	53.1	168.6	326.2
661.7	S				CS2				71.	185.	654.1	-73.2	53.9	168.6	326.2
663.1	S				F2	3					655.5	-73.3	54.1	168.6	326.2
664.0	L	70 5B6									656.3	-73.4	54.2	168.6	326.2
666.4	L	71 5D3									658.7	-73.7	54.6	168.7	326.2
667.8	S				CS2				75.	185.	660.1	-73.9	54.9	168.7	326.2
667.9	L	72 5G3									660.2	-73.9	54.9	168.7	326.2
669.9	L	73 5D3									662.1	-74.1	55.2	168.7	326.2
671.2	S				F2	E					663.4	-74.2	55.4	168.7	326.2
671.7	L	74 5G3									663.9	-74.3	55.5	168.7	326.2
671.7	S				F1	S					663.9	-74.3	55.5	168.7	326.2
673.9	S				CS2				73.	185.	666.1	-74.5	55.8	168.8	326.2
675.4	L	75 5B0									667.5	-74.7	56.1	168.8	326.2
677.2	S				F2	3					669.3	-74.9	56.4	168.8	326.2
680.3	S				CS2				77.	185.	672.3	-75.2	56.9	168.8	326.2
683.4	L	76 5D3									675.4	-75.6	57.4	168.9	326.2
685.2	S				CS2				77.	185.	677.1	-75.7	57.7	168.9	326.2
686.3	S				F2	M					678.2	-75.9	57.8	168.9	326.2
689.1	S				CS2				77.	185.	681.0	-76.2	58.3	168.9	326.2
690.9	S				F2	M					682.7	-76.4	58.6	169.0	326.2
692.2	L	77 5B0									684.0	-76.5	58.8	169.0	326.2

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
693.4	S				CS2				65.	185.	685.2	-76.6	59.0	169.0	326.2
693.7	L	78 5A*									685.5	-76.7	59.0	169.0	326.2
695.6	S				CS2				84.	185.	687.3	-76.9	59.3	169.0	326.2
699.8	S				CS2				73.	185.	691.5	-77.3	60.0	169.1	326.2
702.2	R										693.8	-77.5	60.4	169.1	326.2
702.8	S				CS2				74.	185.	694.4	-77.6	60.5	169.1	326.1
708.0	S				CS2				75.	185.	699.5	-78.2	61.3	168.9	324.8
714.5	S				CS2				83.	185.	705.9	-78.9	62.3	168.7	323.2
720.7	S				CS2				83.	185.	712.0	-79.7	63.3	168.4	321.7
726.6	S				CS2				79.	185.	717.7	-80.4	64.2	168.2	320.3
732.8	S				CS2				82.	185.	723.8	-81.3	65.2	168.0	318.8
735.5	S				F2	E					726.5	-81.6	65.6	167.9	318.1
736.0	L	79 5B6									726.9	-81.7	65.7	167.9	318.0
738.3	L	80 5A0									729.2	-82.0	66.0	167.8	317.4
738.4	S				CS2				81.	185.	729.3	-82.0	66.0	167.8	317.4
743.7	S				F2	3					734.5	-82.8	66.9	167.6	316.1
745.2	S				CS2				77.	185.	735.9	-83.0	67.1	167.5	315.8
751.2	S				CS2				75.	185.	741.8	-84.0	68.0	167.3	314.3
753.2	S				F2	E					743.7	-84.3	68.3	167.3	313.8
757.5	S				CS2				82.	185.	747.9	-85.0	69.0	167.1	312.8
759.5	S				F2	3					749.9	-85.3	69.3	167.0	312.3
763.0	S				CS2				73.	185.	753.3	-85.9	69.8	166.9	311.4
765.8	S				F2	E					756.0	-86.4	70.2	166.8	310.8
769.6	S				CS2				73.	185.	759.7	-87.0	70.8	166.7	309.8
769.7	S				F2	3					759.8	-87.0	70.8	166.7	309.8
775.8	S				CS2				72.	185.	765.7	-88.1	71.7	166.4	308.3
781.6	L	81 5B6									771.4	-89.2	72.5	166.2	306.9
781.8	S				CS2				64.	185.	771.6	-89.3	72.6	166.2	306.9
783.3	L	82 5D4									773.0	-89.6	72.8	166.2	306.5
786.4	L	83 5D6									776.0	-90.2	73.2	166.1	305.8
787.4	S				CS2				73.	185.	777.0	-90.4	73.4	166.0	305.5
789.1	L	84 5D6									778.7	-90.7	73.6	166.0	305.1
793.3	S				CS2				77.	185.	782.7	-91.5	74.2	165.8	304.1
793.7	R										783.1	-91.6	74.2	165.8	304.0
794.8	L	85 5D6									784.2	-91.8	74.4	165.6	304.0
798.6	S				CS2				77.	185.	787.9	-92.6	74.9	164.9	304.0
801.0	L	86 5B6									790.2	-93.2	75.3	164.4	304.0

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
801.0	R										790.2	-93.2	75.3	164.4	304.0

****
* DDH: 77X06R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320253.0 METERS NORTH: 22648421.0 METERS ELEV: 1076.2 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
542.3	2629	1.0	4.4	1.61	2.89	4.50	3.11	.01	.40	-.500	2.79	12.25	0.
544.3	2630	2.0	4.3	1.98	2.88	4.86	2.90	.03	.40	-.500	3.13	8.20	0.
546.3	2631	2.0	6.0	2.98	4.79	7.77	2.99	.05	.40	-.500	2.89	5.03	0.
548.3	2632	2.0	4.6	2.51	4.83	7.34	2.75	.02	.40	-.500	2.95	3.26	0.
550.1	2633	1.5	3.5	2.31	4.01	6.32	2.76	.04	.26	-.500	2.87	2.54	0.
551.6	2634	1.4	7.5	3.34	6.48	9.82	2.93	.03	.20	-.500	2.65	4.97	0.
558.1	2635	2.0	3.5	1.98	3.48	5.46	2.78	.03	.59	-.500	4.16	2.45	0.
560.1	2636	2.0	2.7	1.34	2.67	4.01	2.88	.03	.34	-.500	4.11	5.51	0.
577.4	2637	1.5	8.5	4.43	10.76	15.19	3.27	.03	.20	-.500	2.72	9.51	0.
578.8	2638	1.4	5.1	2.52	5.53	8.05	2.97	.03	.56	-.500	2.94	4.68	0.
584.2	2639	1.0	4.0	2.19	4.79	6.98	2.99	.05	.98	-.500	2.90	6.82	0.
585.6	2640	1.8	3.6	1.96	2.84	4.80	2.67	.02	.35	-.500	2.85	11.78	0.
587.5	2641	1.9	14.7	8.23	8.24	16.47	3.69	.11	.91	-.500	2.23	19.52	0.
589.4	2642	2.0	16.0	7.11	13.72	20.83	4.24	.11	28.77	-.500	.57	13.86	0.
591.4	2643	2.0	8.0	4.76	11.15	15.91	3.94	.01	27.09	-.500	1.00	11.23	0.
592.9	2644	1.0	1.8	1.61	4.80	6.41	4.42	.01	54.03	-.500	.33	12.40	0.
594.1	2645	1.4	18.0	10.49	18.99	29.48	4.04	.04	.72	-.500	1.72	15.92	0.
595.8	2646	2.0	18.7	10.41	21.33	31.74	3.51	.01	.21	-.500	3.18	5.84	0.
597.2	2647	.9	18.0	8.76	21.20	29.96	3.55	.01	.27	-.500	4.10	5.42	0.
598.5	2648	1.6	6.6	3.96	6.05	10.01	3.94	.05	20.55	-.500	2.34	18.41	0.
600.3	2649	2.0	8.4	4.11	11.99	16.10	3.60	.07	14.61	-.500	2.97	12.77	0.
602.3	2650	2.0	7.4	3.75	9.33	13.08	3.82	.03	24.05	-.500	2.81	13.43	0.
604.0	2651	1.3	16.0	7.81	14.23	22.04	3.82	.08	17.05	-.500	3.12	10.01	0.
605.6	2652	2.0	9.8	6.12	7.01	13.13	3.48	.08	.69	-.500	2.92	14.42	0.
607.6	2653	1.9	9.8	6.22	10.96	17.18	3.43	.10	.41	-.500	2.09	13.15	0.
609.5	2654	2.0	10.0	5.82	8.59	14.41	2.90	.15	.40	-.500	2.64	13.80	0.
611.3	2655	1.6	10.5	6.74	9.42	16.16	3.67	.12	2.07	-.500	2.26	21.60	0.

FINISHED -- LENGTH = 801.00 METERS ENTRIES = 435

```
 STOP FINISHED
SRU'S:62.8
!SWITCH IN$:,CLOSE
!EXIT
FMD014 E IN$  EOF
GPS208 I CMND SOURCE IS IN$
USAGE ON 07/12/78 AT 19:12:53
SRU'S:90.6      ELAPSED TIME: 00:02:24
```

****
* DDH: 77X-07 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 150

POINTS = 149 MAX DDH DEPTH = 492.2 METERS
MAX TRUE DEPTH = 489.5 METERS
EASTING: -28.4 - 0. METERS
NORTHING: 0. - 28.4 METERS

TYPE C DATA (CONTACTS) ----- 54
TYPE F DATA (PLANES) ------- 50
TYPE P DATA (SAMPLES) ------ 0
TYPE S DATA (SYMMETRY) ----- 17
TYPE X DATA (REF MARKERS) -- 24
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	107.3	01 #	15	236.4	15 5B0	29	332.5	29 5B2	43	425.5	44 3D1
2	133.1	02 5B0	16	246.7	16 5B0	30	335.6	30 5D3	44	429.7	45 587
3	138.4	03 5D6	17	261.1	17 5DB	31	338.6	31 5B0	45	441.9	46 3D1
4	141.1	04 5B6	18	268.2	18 5D3	32	339.1	32 5D6	46	443.3	47 3D4
5	141.4	05 5C6	19	269.3	19 5D4	33	340.8	33 5B6	47	445.7	48 3D1
6	146.2	06 5B6	20	270.8	20 5C3	34	341.5	34 5A*	48	455.3	49 3D4
7	147.8	07 5D6	21	289.0	21 5D3	35	343.8	35 5B6	49	462.1	50 3D1
8	161.8	08 5B0	22	293.8	22 5D3	36	347.1	36 5D6	50	465.6	51 3D4
9	173.0	09 5B2	23	297.0	23 5D4	37	355.4	37 5B7	51	469.4	52 3D1
10	173.3	10 5D3	24	307.1	24 5D3	38	382.0	39 0F0	52	480.3	53 3D4
11	190.5	11 5B0	25	310.3	25 5D6	39	403.0	40 5A6	53	488.7	54 3D1
12	203.9	12 5BD	26	320.0	26 5D3	40	417.1	41 5B7	54	492.2	55 3D4
13	206.7	13 5B0	27	323.4	27 5D3	41	418.0	42 5D6			
14	232.9	14 5B0	28	329.6	28 5D3	42	418.9	43 5B7			

```
PROGRAM COMMAND:  PLOTA,2000,015

          **************************
          *     DDH:  77X-07       *    START PLOT NUMBER  1
          **************************

               PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

               X-AXIS PLOT LIMITS:   0.    -     .40 (INCHES)
               Y-AXIS BOREHOLE LENGTH:   9.64 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:     0.  -   492.2 METERS      J =   1 - 149

               MAX PAPER WIDTH REQUIRED:   13.0 INCHES

          *****  PLOT NUMBER  1 FINISHED  *****
```

```
PROGRAM COMMAND:  PLOTB,2000,015

          **************************
          *     DDH:  77X-07       *    START PLOT NUMBER  2
          **************************

               PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:2000. =   50.8 METERS/INCH

               X-AXIS PLOT LIMITS:   0.    -     .40 (INCHES)
               Y-AXIS BOREHOLE LENGTH:   9.64 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:     0.  -   492.2 METERS      J =   1 - 149

               MAX PAPER WIDTH REQUIRED:   13.0 INCHES
```

****
* DDH: 77X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)			PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP		H	V
109.7	179.2	326.5	0. 185.			65. 185.	25.6 185.0	-25.3	-.18	-.09
118.9	179.1	323.7				80. 185.	10.0 185.0	-9.9	-.20	-.03
124.0	179.1	322.1				70. 185.	20.7 185.0	-20.4	-.19	-.07
135.0	178.9	320.0				50. 185.	40.8 185.0	-40.3	-.15	-.13
144.5	178.8	320.0				65. 185.	25.8 185.0	-25.5	-.18	-.09
153.9	178.7	320.0				70. 185.	20.9 185.0	-20.6	-.19	-.07
163.4	178.5	320.0				70. 185.	21.0 185.0	-20.7	-.19	-.07
169.8	178.4	320.0				70. 185.	21.1 185.0	-20.8	-.19	-.07
175.7	178.3	320.0				70. 185.	21.2 185.0	-20.9	-.19	-.07
182.9	178.2	320.0				80. 185.	11.2 185.0	-11.0	-.20	-.04
190.8	178.1	320.0				75. 185.	16.3 185.0	-16.1	-.19	-.06
200.1	177.8	319.7				70. 185.	21.5 185.0	-21.2	-.19	-.07
205.7	177.5	319.2				85. 185.				
215.5	177.0	318.3				80. 185.	11.8 185.0	-11.6	-.20	-.04
224.0	176.6	317.5				65. 185.	27.2 185.0	-26.8	-.18	-.09
231.6	176.2	316.8				75. 185.	17.3 185.0	-17.0	-.19	-.06
240.8	175.7	315.9				90. 185.				
251.8	175.1	314.9				75. 185.	17.7 185.0	-17.4	-.19	-.06
260.3	174.7	314.1				50. 185.	43.2 185.0	-42.7	-.15	-.14
267.6	174.3	313.5				75. 185.	17.9 185.0	-17.6	-.19	-.06
278.9	173.8	312.3				60. 185.	33.4 185.0	-33.0	-.17	-.11
289.2	173.6	311.1				60. 185.	33.4 185.0	-33.0	-.17	-.11
298.1	173.3	310.0				80. 185.	12.2 185.0	-12.0	-.20	-.04
306.6	173.1	309.0				80. 185.	12.1 185.0	-11.9	-.20	-.04
314.8	172.9	308.0				80. 185.	11.9 185.0	-11.8	-.20	-.04
318.8	172.8	307.6				90. 185.				
324.3	172.6	306.9				80. 185.	11.7 185.0	-11.6	-.20	-.04
330.1	172.5	306.2				65. 185.	28.1 185.0	-27.8	-.18	-.09
334.6	172.4	305.7				70. 185.	22.8 185.0	-22.5	-.18	-.08
340.1	172.2	305.1				80. 185.	11.3 185.0	-11.2	-.20	-.04
345.6	172.1	304.4				60. 185.	33.2 185.0	-32.8	-.17	-.11
354.2	171.9	305.3				65. 185.	28.2 185.0	-27.8	-.18	-.09
358.1	171.8	306.3				70. 185.	23.1 185.0	-22.7	-.18	-.08
382.0	171.4	312.2				65. 185.	29.3 185.0	-29.0	-.17	-.10
389.2	171.2	314.0				55. 185.	40.0 185.0	-39.5	-.15	-.13
397.7	171.0	316.1				85. 185.				
405.4	170.9	318.1				65. 185.	30.4 185.0	-30.0	-.17	-.10
409.6	170.8	319.1				70. 185.	25.4 185.0	-25.0	-.18	-.08
417.6	170.6	321.1				50. 185.	46.4 185.0	-45.9	-.14	-.14
421.2	170.6	322.0				65. 185.	31.1 185.0	-30.7	-.17	-.10
426.7	170.5	322.8				80. 185.	14.8 185.0	-14.6	-.19	-.05

PROGRAM COMMAND: PLOTB,2000,105

****
* DDH: 77X-07 * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:2000. = 50.8 METERS/INCH

X-AXIS PLOT LIMITS: -.68 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 9.64 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 492.2 METERS J = 1 - 149

MAX PAPER WIDTH REQUIRED: 13.0 INCHES

****
* DDH: 77X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
109.7	179.2	326.5	0. 185.				65. 185.	25.6	185.0	4.8	.20	.02
118.9	179.1	323.7					80. 185.	10.0	185.0	1.8	.20	.01
124.0	179.1	322.1					70. 185.	20.7	185.0	3.7	.20	.01
135.0	178.9	320.0					50. 185.	40.8	185.0	8.5	.20	.03
144.5	178.8	320.0					65. 185.	25.8	185.0	4.8	.20	.02
153.9	178.7	320.0					70. 185.	20.9	185.0	3.8	.20	.01
163.4	178.5	320.0					70. 185.	21.0	185.0	3.8	.20	.01
169.8	178.4	320.0					70. 185.	21.1	185.0	3.8	.20	.01
175.7	178.3	320.0					70. 185.	21.2	185.0	3.8	.20	.01
182.9	178.2	320.0					80. 185.	11.2	185.0	2.0	.20	.01
190.8	178.1	320.0					75. 185.	16.3	185.0	2.9	.20	.01
200.1	177.8	319.7					70. 185.	21.5	185.0	3.9	.20	.01
205.7	177.5	319.2					85. 185.					
215.5	177.0	318.3					80. 185.	11.8	185.0	2.1	.20	.01
224.0	176.6	317.5					65. 185.	27.2	185.0	5.1	.20	.02
231.6	176.2	316.8					75. 185.	17.3	185.0	3.1	.20	.01
240.8	175.7	315.9					90. 185.					
251.8	175.1	314.9					75. 185.	17.7	185.0	3.2	.20	.01
260.3	174.7	314.1					50. 185.	43.2	185.0	9.3	.20	.03
267.6	174.3	313.5					75. 185.	17.9	185.0	3.2	.20	.01
278.9	173.8	312.3					60. 185.	33.4	185.0	6.5	.20	.02
289.2	173.6	311.1					60. 185.	33.4	185.0	6.5	.20	.02
298.1	173.3	310.0					80. 185.	12.2	185.0	2.2	.20	.01
306.6	173.1	309.0					80. 185.	12.1	185.0	2.1	.20	.01
314.8	172.9	308.0					80. 185.	11.9	185.0	2.1	.20	.01
318.8	172.8	307.6					90. 185.					
324.3	172.6	306.9					80. 185.	11.7	185.0	2.1	.20	.01
330.1	172.5	306.2					65. 185.	28.1	185.0	5.3	.20	.02
334.6	172.4	305.7					70. 185.	22.8	185.0	4.2	.20	.01
340.1	172.2	305.1					80. 185.	11.3	185.0	2.0	.20	.01
345.6	172.1	304.4					60. 185.	33.2	185.0	6.5	.20	.02
354.2	171.9	305.3					65. 185.	28.2	185.0	5.3	.20	.02
358.1	171.8	306.3					70. 185.	23.1	185.0	4.2	.20	.01
382.0	171.4	312.2					65. 185.	29.3	185.0	5.6	.20	.02
389.2	171.2	314.0					55. 185.	40.0	185.0	8.3	.20	.03
397.7	171.0	316.1					85. 185.					
405.4	170.9	318.1					65. 185.	30.4	185.0	5.8	.20	.02
409.6	170.8	319.1					70. 185.	25.4	185.0	4.7	.20	.02
417.6	170.6	321.1					50. 185.	46.4	185.0	10.3	.20	.04
421.2	170.6	322.0					65. 185.	31.1	185.0	6.0	.20	.02
426.7	170.5	322.8					80. 185.	14.8	185.0	2.6	.20	.01

****
* DDH: 77X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
434.9	170.4	321.8						85.	185.					
441.0	170.4	321.1						70.	185.	25.9	185.0	4.8	.20	.02
448.3	170.3	320.2						80.	185.	14.2	185.0	2.5	.20	.01
451.4	170.3	319.9						35.	5.	47.8	5.0	-10.9	-.20	-.04
459.6	170.2	318.9						70.	185.	25.6	185.0	4.8	.20	.02
465.4	170.2	318.2						60.	5.	22.5	5.0	-4.1	-.20	-.01
473.3	170.1	317.3						70.	185.	25.4	185.0	4.7	.20	.02
480.3	170.1	316.4						75.	185.	19.7	185.0	3.6	.20	.01
489.2	170.0	315.4						75.	185.	19.5	185.0	3.5	.20	.01

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*      DDH:  77X07R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    322130.0  NORTH: 22647797.0
                      ELEV:     1016.5


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X07R  01016.5226477970032213 0 METERS
     2   R77X07R      0         180.0    0.  PREDICTED
     3   R77X07R   1310         180.0    0.  PREDICTED
     4   R77X07R   1965         177.7  304.0 PREDICTED
     5   R77X07R   2728         173.5  304.0 PREDICTED
     6   R77X07R   3490         171.9  291.5 PREDICTED
     7   R77X07R   4252         170.2  313.6 PREDICTED
     8   R77X07R   4922         170.4  294.9 PREDICTED
     9   L77X07R  00000 01073 01    #
    10   L77X07R  01073 01331 02 5B0
    11   L77X07R  01331 01384 03 5D6
    12   L77X07R  01384 01411 04 5B6
    13   L77X07R  01411 01414 05 5C6
    14   L77X07R  01414 01462 06 5B6
    15   L77X07R  01462 01478 07 5D6
    16   L77X07R  01478 01618 08 5B0
    17   L77X07R  01618 01730 09 5B2
    18   L77X07R  01730 01733 10 5D3
    19   L77X07R  01733 01905 11 5B0
    20   L77X07R  01905 02039 12 5BD
    21   L77X07R  02039 02067 13 5B0
    22   L77X07R  02067 02329 14 5B0
    23   L77X07R  02329 02364 15 5B0
    24   L77X07R  02364 02467 16 5B0
    25   L77X07R  02467 02611 17 5DB
    26   L77X07R  02611 02682 18 5D3
    27   L77X07R  02682 02693 19 5D4
    28   L77X07R  02693 02708 20 5C3
    29   L77X07R  02708 02890 21 5D3
    30   L77X07R  02890 02938 22 5D3
    31   L77X07R  02938 02970 23 5D4
    32   L77X07R  02970 03071 24 5D3
    33   L77X07R  03071 03103 25 5D6
    34   L77X07R  03103 03200 26 5D3
    35   L77X07R  03200 03234 27 5D3
    36   L77X07R  03234 03296 28 5D3
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
```

****
* DDH: 77X07R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37  L77X07R  03296 03325 29 5B2
   38  L77X07R  03325 03356 30 5D3
   39  L77X07R  03356 03386 31 5B0
   40  L77X07R  03386 03391 32 5D6
   41  L77X07R  03391 03408 33 5B6
   42  L77X07R  03408 03415 34 5A*
   43  L77X07R  03415 03438 35 5B6
   44  L77X07R  03438 03471 36 5D6
   45  L77X07R  03471 03554 37 5B7
   46  L77X07R  03625 03820 39 0F0
   47  L77X07R  03820 04030 40 5A6
   48  L77X07R  04030 04171 41 5B7
   49  L77X07R  04171 04180 42 5D6
   50  L77X07R  04180 04189 43 5B7
   51  L77X07R  04189 04255 44 3D1
   52  L77X07R  04255 04297 45 5B7
   53  L77X07R  04297 04419 46 3D1
   54  L77X07R  04419 04433 47 3D4
   55  L77X07R  04433 04457 48 3D1
   56  L77X07R  04457 04553 49 3D4
   57  L77X07R  04553 04621 50 3D1
   58  L77X07R  04621 04656 51 3D4
   59  L77X07R  04656 04694 52 3D1
   60  L77X07R  04694 04803 53 3D4
   61  L77X07R  04803 04887 54 3D1
   62  L77X07R  04887 04922 55 3D4
   63  S77X07R        01097 CS2   00185 65185
   64  S77X07R        01189 CS2         80185
   65  S77X07R        01225  F2 E
   66  S77X07R        01240 CS2         70185
   67  S77X07R        01256  F2 3
   68  S77X07R        01350 CS2         50185
   69  S77X07R        01445 CS2         65185
   70  S77X07R        01539 CS2         70185
   71  S77X07R        01634 CS2         70185
   72  S77X07R        01649 CS2 E
   73  S77X07R        01698 CS2         70185
   74  S77X07R        01721  F2 3
   75  S77X07R        01757 CS2         70185
   76  S77X07R        01829 CS2         80185
   77  S77X07R        01908 CS2         75185
   78  S77X07R        02001 CS2         70185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0     0     0     0     0     0     0     0
```

****
* DDH: 77X07R *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

79	S77X07R	02042	F2	E	
80	S77X07R	02057	CS2		85185
81	S77X07R	02088	F2	3	
82	S77X07R	02155	CS2		80185
83	S77X07R	02240	CS2		65185
84	S77X07R	02316	CS2		75185
85	S77X07R	02408	CS2		90185
86	S77X07R	02518	CS2		75185
87	S77X07R	02603	CS2		50185
88	S77X07R	02676	CS2		75185
89	S77X07R	02789	CS2		60185
90	S77X07R	02892	CS2		60185
91	S77X07R	02981	CS2		80185
92	S77X07R	03066	CS2		80185
93	S77X07R	03142	F2	E	
94	S77X07R	03148	CS2		80185
95	S77X07R	03162	F2	3	
96	S77X07R	03188	CS2		90185
97	S77X07R	03243	CS2		80185
98	S77X07R	03289	F2	E	
99	S77X07R	03301	CS2		65185
100	S77X07R	03313	F2	3	
101	S77X07R	03346	CS2		70185
102	S77X07R	03401	CS2		80185
103	S77X07R	03404	F2	S	
104	S77X07R	03456	PS2		60185
105	S77X07R	03542	PS2		65185
106	S77X07R	03581	F2	S	70185
107	S77X07R	03625	F2	S	
108	S77X07R	03820	F2	S	65185
109	S77X07R	03892	CS2		55185
110	S77X07R	03977	CS2		85185
111	S77X07R	04054	F2	S	65185
112	S77X07R	04096	PS2		70185
113	S77X07R	04176	PS2		50185
114	S77X07R	04212	PS2		65185
115	S77X07R	04224	F2	S	
116	S77X07R	04267	CS2		80185
117	S77X07R	04301	F2	S	
118	S77X07R	04349	PS2		85185
119	S77X07R	04410	PS2		70185
120	S77X07R	04483	PS2		80185

****
* DDH: 77X07R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121  S77X07R        04514 PS2        35005
  122  S77X07R        04596 PS2        70185
  123  S77X07R        04654 PS2        60005
  124  S77X07R        04733 PS2        70185
  125  S77X07R        04803 PS2        75185
  126  S77X07R        04892 PS2        75185
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0         0         0         0         0         0         0         0
```

DDH: 77X07R -- SUMMARY OF DATA INPUT

```
                RECORDS READ =  126   RELEASED TO SORT  150
                TYPE-L =   54
                TYPE-P =    0
                TYPE-R =    7
                TYPE-S =   64
                TYPE-X =   24
                TYPE-A =    0
                TYPE-V =    0   (GENERATED TO DEPTH:  480.0 METERS )

    DRILLHOLE TRUE DEPTH (VERTICAL) =   492.2 METERS
```

****
* DDH: 77X07R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 322130.0 NORTH: 22647797.0
ELEV: 1016.5

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	131.00	METERS
	ZENITH ANG:	180.00	-	180.00	
	AZIMUTH:	0.	-	0.	
BOREHOLE SECTION 2 --	DEPTH:	131.00	-	196.50	METERS
	ZENITH ANG:	180.00	-	177.70	
	AZIMUTH:	0.	-	304.00	
BOREHOLE SECTION 3 --	DEPTH:	196.50	-	272.80	METERS
	ZENITH ANG:	177.70	-	173.50	
	AZIMUTH:	304.00	-	304.00	
BOREHOLE SECTION 4 --	DEPTH:	272.80	-	349.00	METERS
	ZENITH ANG:	173.50	-	171.90	
	AZIMUTH:	304.00	-	291.50	
BOREHOLE SECTION 5 --	DEPTH:	349.00	-	425.20	METERS
	ZENITH ANG:	171.90	-	170.20	
	AZIMUTH:	291.50	-	313.60	
BOREHOLE SECTION 6 --	DEPTH:	425.20	-	492.20	METERS
	ZENITH ANG:	170.20	-	170.40	
	AZIMUTH:	313.60	-	294.90	

FINISHED -- BOREHOLE LENGTH = 492.20 METERS
FILE SIZE = 150

****
* DDH: 77X07R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 322130.0 METERS NORTH: 22647797.0 METERS ELEV: 1016.5 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG		S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
107.3	L	01 #									107.3	0.	.0	180.0	0.
109.7	S				CS2		185.	65.	185.		109.7	0.	.0	180.0	0.
118.9	S				CS2			80.	185.		118.9	0.	.0	180.0	0.
122.5	S				F2	E					122.5	0.	.0	180.0	0.
124.0	S				CS2			70.	185.		124.0	0.	.0	180.0	0.
125.6	S				F2	3					125.6	0.	.0	180.0	0.
131.0	R										131.0	0.	.0	180.0	0.
133.1	L	02 5B0									133.1	-.0	.0	179.9	358.2
135.0	S				CS2			50.	185.		135.0	-.0	.0	179.9	356.6
138.4	L	03 5D6									138.4	-.0	.0	179.7	353.7
141.1	L	04 5B6									141.1	-.0	.0	179.6	351.4
141.4	L	05 5C6									141.4	-.0	.0	179.6	351.1
144.5	S				CS2			65.	185.		144.5	-.0	.1	179.5	348.5
146.2	L	06 5B6									146.2	-.0	.1	179.5	347.0
147.8	L	07 5D6									147.8	-.0	.1	179.4	345.6
153.9	S				CS2			70.	185.		153.9	-.0	.2	179.2	340.4
161.8	L	08 5B0									161.8	-.1	.3	178.9	333.7
163.4	S				CS2			70.	185.		163.4	-.1	.3	178.9	332.3
164.9	S				CS2	E					164.9	-.1	.3	178.8	331.0
169.8	S				CS2			70.	185.		169.8	-.2	.4	178.6	326.8
172.1	S				F2	3					172.1	-.2	.5	178.6	324.9
173.0	L	09 5B2									173.0	-.2	.5	178.5	324.1
173.3	L	10 5D3									173.3	-.2	.5	178.5	323.8
175.7	S				CS2			70.	185.		175.7	-.3	.5	178.4	321.8
182.9	S				CS2			80.	185.		182.9	-.4	.7	178.2	315.6
190.5	L	11 5B0									190.5	-.6	.9	177.9	309.1
190.8	S				CS2			75.	185.		190.8	-.6	.9	177.9	308.9
196.5	R										196.5	-.8	1.0	177.7	304.0
200.1	S				CS2			70.	185.		200.1	-.9	1.1	177.5	304.0
203.9	L	12 5B0									203.9	-1.0	1.2	177.3	304.0
204.2	S				F2	E					204.2	-1.1	1.2	177.3	304.0
205.7	S				CS2			85.	185.		205.7	-1.1	1.2	177.2	304.0
206.7	L	13 5B0									206.7	-1.2	1.3	177.1	304.0
208.8	S				F2	3					208.8	-1.2	1.3	177.0	304.0
215.5	S				CS2			80.	185.		215.5	-1.6	1.5	176.7	304.0

****
* DDH: 77X07R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 322130.0 METERS NORTH: 22647797.0 METERS ELEV: 1016.5 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
224.0	S				CS2				65.	185.	223.9	-2.0	1.8	176.2	304.0
231.6	S				CS2				75.	185.	231.5	-2.4	2.1	175.8	304.0
232.9	L	14 5B0									232.8	-2.5	2.2	175.7	304.0
236.4	L	15 5B0									236.3	-2.7	2.3	175.5	304.0
240.8	S				CS2				90.	185.	240.7	-3.0	2.5	175.3	304.0
246.7	L	16 5B0									246.6	-3.4	2.8	174.9	304.0
251.8	S				CS2				75.	185.	251.7	-3.8	3.1	174.7	304.0
260.3	S				CS2				50.	185.	260.1	-4.5	3.5	174.2	304.0
261.1	L	17 5DB									260.9	-4.6	3.6	174.1	304.0
267.6	S				CS2				75.	185.	267.4	-5.2	4.0	173.8	304.0
268.2	L	18 5D3									268.0	-5.2	4.0	173.8	304.0
269.3	L	19 5D4									269.1	-5.3	4.1	173.7	304.0
270.8	L	20 5C3									270.6	-5.4	4.2	173.6	304.0
272.8	R										272.5	-5.6	4.3	173.5	304.0
278.9	S				CS2				60.	185.	278.6	-6.2	4.7	173.4	303.0
289.0	L	21 5D3									288.6	-7.2	5.3	173.2	301.3
289.2	S				CS2				60.	185.	288.8	-7.2	5.3	173.2	301.3
293.8	L	22 5D3									293.4	-7.7	5.6	173.1	300.6
297.0	L	23 5D4									296.6	-8.0	5.8	173.0	300.0
298.1	S				CS2				80.	185.	297.7	-8.2	5.9	173.0	299.8
306.6	S				CS2				80.	185.	306.1	-9.1	6.4	172.8	298.5
307.1	L	24 5D3									306.6	-9.1	6.4	172.8	298.4
310.3	L	25 5D6									309.8	-9.5	6.6	172.7	297.8
314.2	S				F2	E					313.6	-9.9	6.8	172.6	297.2
314.8	S				CS2				80.	185.	314.2	-10.0	6.9	172.6	297.1
316.2	S				F2	3					315.6	-10.2	6.9	172.6	296.9
318.8	S				CS2				90.	185.	318.2	-10.5	7.1	172.5	296.5
320.0	L	26 5D3									319.4	-10.6	7.2	172.5	296.3
323.4	L	27 5D3									322.8	-11.0	7.4	172.4	295.7
324.3	S				CS2				80.	185.	323.7	-11.1	7.4	172.4	295.6
328.9	S				F2	E					328.2	-11.7	7.7	172.3	294.8
329.6	L	28 5D3									328.9	-11.7	7.7	172.3	294.7
330.1	S				CS2				65.	185.	329.4	-11.8	7.7	172.3	294.6
331.3	S				F2	3					330.6	-12.0	7.8	172.3	294.4
332.5	L	29 5B2									331.8	-12.1	7.9	172.2	294.2
334.6	S				CS2				70.	185.	333.9	-12.4	8.0	172.2	293.9
335.6	L	30 5D3									334.8	-12.5	8.0	172.2	293.7
338.6	L	31 5B0									337.8	-12.9	8.2	172.1	293.2
339.1	L	32 5D6									338.3	-12.9	8.2	172.1	293.1
340.1	S				CS2				80.	185.	339.3	-13.1	8.3	172.1	293.0

****
* DDH: 77X07R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 322130.0 METERS NORTH: 22647797.0 METERS ELEV: 1016.5 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
340.4	S			F2	S			339.6	-13.1	8.3	172.1	292.9
340.8	L	33 5B6						340.0	-13.1	8.3	172.1	292.8
341.5	L	34 5A*						340.7	-13.2	8.4	172.1	292.7
343.8	L	35 5B6						343.0	-13.5	8.5	172.0	292.4
345.6	S			PS2			60. 185.	344.8	-13.8	8.6	172.0	292.1
347.1	L	36 5D6						346.2	-13.9	8.7	171.9	291.8
349.0	R							348.1	-14.2	8.8	171.9	291.5
354.2	S			PS2			65. 185.	353.3	-14.9	9.0	171.8	293.0
355.4	L	37 5B7						354.5	-15.0	9.1	171.8	293.4
358.1	S			F2	S		70. 185.	357.1	-15.4	9.3	171.7	294.1
362.5	S			F2	S			361.5	-16.0	9.5	171.6	295.4
382.0	L	39 0F0						380.8	-18.5	10.9	171.2	301.1
382.0	S			F2	S		65. 185.	380.8	-18.5	10.9	171.2	301.1
389.2	S			CS2			55. 185.	387.9	-19.5	11.5	171.0	303.2
397.7	S			CS2			85. 185.	396.3	-20.6	12.3	170.8	305.6
403.0	L	40 5A6						401.5	-21.3	12.8	170.7	307.2
405.4	S			F2	S		65. 185.	403.9	-21.6	13.0	170.6	307.9
409.6	S			PS2			70. 185.	408.0	-22.1	13.4	170.5	309.1
417.1	L	41 5B7						415.4	-23.1	14.2	170.4	311.3
417.6	S			PS2			50. 185.	415.9	-23.1	14.3	170.4	311.4
418.0	L	42 5D6						416.3	-23.2	14.3	170.4	311.5
418.9	L	43 5B7						417.2	-23.3	14.4	170.3	311.8
421.2	S			PS2			65. 185.	419.4	-23.6	14.7	170.3	312.4
422.4	S			F2	S			420.6	-23.7	14.8	170.3	312.8
425.2	R							423.4	-24.1	15.2	170.2	313.6
425.5	L	44 3D1						423.7	-24.1	15.2	170.2	313.5
426.7	S			CS2			80. 185.	424.9	-24.3	15.3	170.2	313.2
429.7	L	45 5B7						427.8	-24.6	15.7	170.2	312.3
430.1	S			F2	S			428.2	-24.7	15.7	170.2	312.2
434.9	S			PS2			85. 185.	432.9	-25.3	16.3	170.2	310.9
441.0	S			PS2			70. 185.	439.0	-26.1	16.9	170.2	309.2
441.9	L	46 3D1						439.8	-26.2	17.0	170.2	308.9
443.3	L	47 3D4						441.2	-26.4	17.2	170.3	308.5
445.7	L	48 3D1						443.6	-26.7	17.4	170.3	307.9
448.3	S			PS2			80. 185.	446.2	-27.1	17.7	170.3	307.2
451.4	S			PS2			35. 5.	449.2	-27.5	18.0	170.3	306.3
455.3	L	49 3D4						453.1	-28.0	18.4	170.3	305.2
459.6	S			PS2			70. 185.	457.3	-28.6	18.8	170.3	304.0

****
* DDH: 77X07R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 322130.0 METERS NORTH: 22647797.0 METERS ELEV: 1016.5 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA	STRUCTURAL LOG S1 DIPD	STRUCTURAL LOG S2 CA	STRUCTURAL LOG S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
462.1	L	50 3D1									459.8	-29.0	19.0	170.3	303.3
465.4	S				PS2				60.	5.	463.0	-29.4	19.3	170.3	302.4
465.6	L	51 3D4									463.2	-29.5	19.4	170.3	302.3
469.4	L	52 3D1									467.0	-30.0	19.7	170.3	301.3
473.3	S				PS2				70.	185.	470.8	-30.6	20.0	170.3	300.2
480.3	L	53 3D4									477.7	-31.6	20.6	170.4	298.2
480.3	S				PS2				75.	185.	477.7	-31.6	20.6	170.4	298.2
488.7	L	54 3D1									486.0	-32.8	21.2	170.4	295.9
489.2	S				PS2				75.	185.	486.5	-32.9	21.3	170.4	295.7
492.2	L	55 3D4									489.4	-33.4	21.5	170.4	294.9
492.2	R										489.4	-33.4	21.5	170.4	294.9

FINISHED -- LENGTH = 492.20 METERS ENTRIES = 150

****
* DDH: 77X08R * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 414
POINTS = 413 MAX DDH DEPTH = 991.2 METERS
MAX TRUE DEPTH = 963.7 METERS
EASTING: -147.8 - 0. METERS
NORTHING: 0. - 141.6 METERS

TYPE C DATA (CONTACTS) ----- 160
TYPE F DATA (PLANES) ------- 172
TYPE P DATA (SAMPLES) ------ 0
TYPE S DATA (SYMMETRY) ----- 99
TYPE X DATA (REF MARKERS) -- 49
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT
1	46.3	01 #	41	320.0	41 0E7	81	556.6	81 5D3	121	745.9	22 5D3
2	52.9	02 5B6	42	358.4	42 5B7	82	560.5	82 5B7	122	768.9	23 5B7
3	62.2	03 5D3	43	364.4	43 5B7	83	562.1	83 5D3	123	773.9	24 5D3
4	64.2	04 5B6	44	364.6	44 4A0	84	574.6	84 5B7	124	775.6	25 5B7
5	69.6	05 5D3	45	368.4	45 5D3	85	579.7	85 5D3	125	776.1	26 5D3
6	70.9	06 5B6	46	369.9	46 5B2	86	581.1	86 5D	126	780.7	27 5B7
7	72.2	07 5CD	47	370.8	47 5D3	87	586.1	87 5D3	127	781.8	28 5D3
8	74.1	08 5B0	48	372.6	48 5B2	88	586.9	88 5B7	128	788.0	29 5B7
9	76.0	09 5D3	49	377.2	49 5B7	89	588.3	89 5D3	129	790.0	30 5D3
10	82.0	10 5B6	50	377.6	50 5D3	90	590.4	90 5D	130	880.3	31 5B7
11	102.4	11 5B0	51	378.0	51 4A0	91	592.5	91 5D3	131	881.0	32 5D3
12	122.5	12 5B7	52	378.4	52 4L0	92	597.3	92 5B2	132	885.5	33 5A3
13	126.2	13 5D3	53	379.0	53 4A0	93	598.0	93 5DB	133	885.6	34 5E2
14	129.7	14 5B0	54	379.6	54 4L0	94	598.5	94	134	886.5	35 5B7
15	133.5	15 5B7	55	384.4	55 5D3	95	599.5	95 5D	135	887.3	36 5D6
16	153.0	16 5B0	56	389.2	56 5B7	96	602.9	96 5D3	136	890.1	37 0G6
17	175.9	17 0F9	57	390.4	57 5D3	97	608.5	97 5D	137	900.5	38 0G0
18	181.8	18 5B0	58	416.7	58 5DB	98	610.0	98 5D	138	939.8	39 0G0
19	182.3	19 5D3	59	429.3	59 5DB	99	615.3	99 5D3	139	951.2	40 0G0
20	183.8	20 5B0	60	431.0	60 5D3	100	617.1	01 5B7	140	954.5	41 0G6
21	185.9	21 5D3	61	432.2	61 5B7	101	620.3	02 5D3	141	957.6	42 0C6
22	211.2	22 5B0	62	433.3	62 5D3	102	621.4	03 5B7	142	959.4	43 0C0
23	213.2	23 5D3	63	436.6	63 5B7	103	622.3	04 5D3	143	962.7	44 3D8
24	239.9	24 5B0	64	437.5	64 5D3	104	624.0	05 5B7	144	967.0	45 0C6
25	242.6	25 5B0	65	439.7	65 5B7	105	625.2	06 5D3	145	967.5	46 3D8
26	251.0	26 5B0	66	441.8	66 5D3	106	631.2	07 5D	146	968.9	47 0C0
27	268.2	27 5B0	67	444.0	67 5B7	107	634.4	08 5D3	147	970.0	48 3D4
28	269.7	28 5E0	68	445.6	68 5D3	108	636.1	09 5B7	148	971.2	49 0C0
29	271.0	29 5B0	69	447.4	69 5B7	109	641.0	10 5D3	149	975.1	50 3D8

30	271.4	30	0E7	70	449.0	70	5D3	110	644.0	11	5BD	150	975.3	51	0E8
31	271.7	31	5B0	71	453.7	71	5B2	111	646.6	12	5D3	151	977.2	52	3D4
32	272.8	32	0E7	72	456.3	72	5D3	112	647.3	13	5B7	152	977.6	53	3D4
33	273.7	33	5B0	73	473.4	73	5BD	113	666.3	14	5D3	153	977.8	53	3D4
34	274.2	34	0E7	74	475.3	74	5B6	114	668.0	15	5D	154	978.0	54	0C0
35	288.6	35	5B0	75	482.5	75	5D3	115	679.4	16	5B7	155	979.1	53	3D4
36	289.3	36	5B0	76	496.5	76	5B6	116	680.7	17	5D	156	981.1	54	0C0
37	310.3	37	5B0	77	504.3	77	5D3	117	697.6	18	5D3	157	981.4	55	3D4
38	310.6	38	5D3	78	508.4	78	5B6	118	706.8	19	5B7	158	981.7	56	0C0
39	318.4	39	5B0	79	510.1	79	5D3	119	707.8	20	5D3	159	984.6	57	3D4
40	319.6	40	5B6	80	512.1	80	5B6	120	737.2	21	5B7	160	991.2	58	0C0

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  77X08R       *    START PLOT NUMBER  1
**************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   3.88 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  37.94 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413

     MAX PAPER WIDTH REQUIRED:   41.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
```

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  77X08R       *    START PLOT NUMBER  2
**************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   3.88 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  37.94 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413

     MAX PAPER WIDTH REQUIRED:   41.0 INCHES
```

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED		OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
46.7	180.0	0.					85.	185.	5.0	185.0	-4.9	-.20	-.02
52.6	180.0	0.					85.	185.	5.0	185.0	-4.9	-.20	-.02
57.9	180.0	0.					68.	185.	22.0	185.0	-21.7	-.19	-.07
61.3	180.0	0.					80.	185.	10.0	185.0	-9.9	-.20	-.03
65.2	180.0	0.					63.	185.	27.0	185.0	-26.6	-.18	-.09
69.0	179.9	359.0					73.	185.	17.0	185.0	-16.8	-.19	-.06
73.1	179.6	356.2					69.	185.	21.0	185.0	-20.7	-.19	-.07
79.5	179.2	351.8					58.	185.	32.8	185.0	-32.4	-.17	-.11
80.2	179.2	351.3					63.	185.	27.8	185.0	-27.4	-.18	-.09
85.3	178.8	347.8					66.	185.	25.1	185.0	-24.8	-.18	-.08
90.7	178.5	344.1					70.	185.	21.4	185.0	-21.1	-.19	-.07
95.3	178.2	340.9					70.	185.	21.6	185.0	-21.3	-.19	-.07
99.0	177.9	338.3					70.	185.	21.9	185.0	-21.6	-.19	-.07
100.0	177.9	337.7					85.	185.					
100.6	177.8	337.2					72.	185.	19.9	185.0	-19.6	-.19	-.07
101.0	177.8	337.0					83.	185.	8.9	185.0	-8.7	-.20	-.03
106.0	177.5	333.5					68.	185.	24.1	185.0	-23.8	-.18	-.08
111.7	177.1	329.6					85.	185.					
116.6	176.8	326.2					80.	185.	12.3	185.0	-12.1	-.20	-.04
121.0	176.5	323.2					70.	185.	22.5	185.0	-22.2	-.19	-.08
124.8	176.2	320.6					82.	185.	10.3	185.0	-10.1	-.20	-.04
128.7	176.0	317.9					76.	185.	16.4	185.0	-16.2	-.19	-.06
130.0	175.9	317.0					80.	185.	12.3	185.0	-12.1	-.20	-.04
136.2	175.5	312.7					77.	185.	15.3	185.0	-15.0	-.19	-.05
140.6	175.2	309.7					70.	185.	22.4	185.0	-22.1	-.19	-.08
145.4	174.9	306.3					75.	185.	17.0	185.0	-16.8	-.19	-.06
149.1	174.7	303.8					77.	185.	14.7	185.0	-14.5	-.19	-.05
152.5	174.4	301.5					79.	185.	12.3	185.0	-12.1	-.20	-.04
176.7	173.5	297.3					85.	185.					
182.4	173.4	297.4					75.	185.	16.3	185.0	-16.0	-.19	-.06
188.5	173.2	297.6					77.	185.	14.0	185.0	-13.8	-.19	-.05
194.4	173.0	297.7					86.	185.					
201.0	172.9	297.9					80.	185.	10.4	185.0	-10.2	-.20	-.04
205.6	172.7	298.0					83.	185.	3.5	185.0	-3.4	-.20	-.01
211.1	172.6	298.1					83.	185.	3.4	185.0	-3.3	-.20	-.01
215.4	172.5	298.2					77.	185.	14.0	185.0	-13.8	-.19	-.05
219.6	172.3	298.3					73.	185.	18.6	185.0	-18.3	-.19	-.06
224.6	172.2	298.4					73.	185.	18.6	185.0	-18.3	-.19	-.06
229.1	172.1	298.5					81.	185.	8.5	185.0	-8.4	-.20	-.03
234.1	171.9	298.6					65.	185.	27.2	185.0	-26.8	-.18	-.09
244.3	171.7	298.9					78.	185.	12.7	185.0	-12.5	-.20	-.04

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
250.6	171.5	299.0						75.	185.	16.4	185.0	-16.1	-.19	-.06
254.4	171.6	298.8						76.	185.	15.2	185.0	-14.9	-.19	-.05
259.7	171.7	298.6						76.	185.	15.1	185.0	-14.9	-.19	-.05
264.0	171.7	298.4						75.	185.	16.3	185.0	-16.0	-.19	-.06
268.2	171.8	298.2						80.	185.	9.8	185.0	-9.7	-.20	-.03
273.0	171.9	298.0						77.	185.	13.9	185.0	-13.7	-.19	-.05
277.5	172.0	297.8						5.	185.	88.1	185.0	-88.0	-.01	-.20
278.3	172.0	297.8						0.	185.					
282.5	172.1	297.6						79.	185.	11.3	185.0	-11.1	-.20	-.04
287.2	172.1	297.4						83.	185.	2.2	185.0	-2.2	-.20	-.01
292.3	172.2	297.1						80.	185.	9.9	185.0	-9.7	-.20	-.03
297.7	172.3	296.9						83.	185.	2.5	185.0	-2.5	-.20	-.01
303.3	172.4	296.6						75.	185.	16.1	185.0	-15.8	-.19	-.05
308.7	172.5	296.4						72.	185.	19.4	185.0	-19.1	-.19	-.07
314.2	172.6	296.1						80.	185.	9.9	185.0	-9.8	-.20	-.03
331.1	172.9	295.4						78.	185.	12.5	185.0	-12.3	-.20	-.04
336.3	173.0	295.2						65.	185.	26.6	185.0	-26.3	-.18	-.09
341.0	173.1	294.9						90.	185.					
346.2	172.7	295.3						73.	185.	18.1	185.0	-17.9	-.19	-.06
350.7	172.3	295.8						80.	185.	9.7	185.0	-9.6	-.20	-.03
355.7	171.8	296.3						80.	185.	9.5	185.0	-9.3	-.20	-.03
359.0	171.5	296.6						55.	185.	37.4	185.0	-36.9	-.16	-.12
365.5	170.9	297.2						73.	185.	18.3	185.0	-18.0	-.19	-.06
371.2	170.3	297.8						70.	185.	21.8	185.0	-21.5	-.19	-.07
374.9	170.0	298.2						65.	185.	27.3	185.0	-27.0	-.18	-.09
378.6	169.6	298.5						50.	185.	43.2	185.0	-42.8	-.15	-.14
382.5	169.2	298.9						70.	185.	21.9	185.0	-21.6	-.19	-.07
386.5	168.9	299.3						70.	185.	22.0	185.0	-21.7	-.19	-.07
391.8	168.4	299.9						70.	185.	22.1	185.0	-21.7	-.19	-.07
396.3	167.9	300.3						80.	185.					
400.2	167.6	300.7						82.	185.					
405.4	167.1	301.2						70.	185.	22.2	185.0	-21.9	-.19	-.07
410.9	166.5	301.8						80.	185.					
415.4	166.1	302.2						73.	185.	18.2	185.0	-18.0	-.19	-.06
421.0	165.6	302.8						68.	185.	24.9	185.0	-24.6	-.18	-.08
426.4	165.1	303.3						82.	185.					
430.4	164.7	303.7						87.	185.					
435.4	164.4	304.3						86.	185.					
445.5	164.3	305.8						72.	185.	20.3	185.0	-20.0	-.19	-.07
451.0	164.2	306.6						60.	185.	35.5	185.0	-35.1	-.16	-.12
455.1	164.1	307.2						87.	185.					

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
457.5	164.1	307.5						81.	185.					
462.4	164.1	308.3						79.	185.					
467.5	164.0	309.0						80.	185.					
470.3	164.0	309.4						60.	185.	36.4	185.0	-36.0	-.16	-.12
473.2	163.9	309.8						82.	185.					
480.0	163.8	310.8						83.	185.					
485.5	163.8	311.6						74.	185.	.3	185.0	-.3	-.20	-.00
										19.3	185.0	-19.0	-.19	-.07
491.0	163.7	312.4						78.	185.					
495.0	163.7	313.0						85.	185.					
499.7	163.6	313.7						83.	185.					
506.0	163.5	314.6						88.	185.					
511.0	163.5	315.4						85.	185.					
516.6	163.4	316.2						80.	185.					
522.7	163.3	317.1						79.	185.					
529.4	163.2	317.4						80.	185.					
532.5	163.1	317.4						86.	185.					
537.1	163.0	317.4						85.	185.					
542.0	162.8	317.4						85.	185.					
547.8	162.7	317.4						77.	185.	9.0	185.0	-8.9	-.20	-.03
										14.7	185.0	-14.5	-.19	-.05
552.1	162.6	317.4						80.	185.					
556.7	162.5	317.4						80.	185.					
562.9	162.3	317.4						75.	185.	4.6	185.0	-4.5	-.20	-.02
										19.7	185.0	-19.5	-.19	-.07
566.0	162.2	317.4						75.	185.	4.7	185.0	-4.7	-.20	-.02
										19.7	185.0	-19.4	-.19	-.07
572.1	162.1	317.4						77.	185.					
577.0	161.9	317.4						83.	185.					
582.8	161.8	317.4						76.	185.	8.2	185.0	-8.1	-.20	-.03
										16.8	185.0	-16.6	-.19	-.06
587.4	161.7	317.4						72.	185.	.4	185.0	-.4	-.20	-.00
										24.7	185.0	-24.4	-.18	-.08
593.5	161.5	317.4						86.	185.					
597.8	161.4	317.4						65.	185.	34.0	185.0	-33.5	-.17	-.11
602.6	161.3	317.4						82.	185.					
608.7	161.1	317.4						77.	185.					
613.5	161.0	317.4						90.	185.					
617.8	160.9	317.5						72.	185.	1.7	185.0	-1.7	-.20	-.01
										24.6	185.0	-24.3	-.18	-.08
622.7	161.1	318.0						75.	185.	7.0	185.0	-6.9	-.20	-.02
										19.3	185.0	-19.0	-.19	-.07

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* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP		H	V
627.5	161.2	318.5						25. 185.	77.4	185.0	-77.2		-.04	-.20
632.6	161.3	319.0						80. 185.						
639.0	161.4	319.6						73. 185.	2.4	185.0	-2.4		-.20	-.01
									24.2	185.0	-23.9		-.18	-.08
643.7	161.6	320.0						85. 185.						
648.3	161.7	320.5						81. 185.						
654.4	161.8	321.1						70. 185.	29.1	185.0	-28.7		-.18	-.10
660.0	162.0	321.6						75. 185.	4.6	185.0	-4.5		-.20	-.02
									22.0	185.0	-21.7		-.19	-.07
664.6	162.1	322.1						70. 185.	29.4	185.0	-29.0		-.17	-.10
669.6	162.2	322.5						80. 185.						
675.4	162.3	323.1						85. 185.						
680.5	162.4	323.6						83. 185.						
685.8	162.6	324.1						89. 185.						
691.0	162.7	324.6						80. 185.						
696.0	162.8	325.1						78. 185.	8.4	185.0	-8.3		-.20	-.03
									18.3	185.0	-18.1		-.19	-.06
700.8	162.9	325.5						82. 185.						
705.1	163.0	325.9						82. 185.						
710.2	163.0	325.9						80. 185.						
714.6	162.9	325.2						85. 185.						
720.8	162.8	324.4						79. 185.						
725.9	162.7	323.7						86. 185.						
731.0	162.6	323.0						85. 185.						
736.6	162.4	322.2						85. 185.						
740.2	162.4	321.7						74. 185.	2.3	185.0	-2.3		-.20	-.01
									23.7	185.0	-23.4		-.18	-.08
745.9	162.2	320.9						74. 185.	2.7	185.0	-2.6		-.20	-.01
									23.3	185.0	-23.0		-.18	-.08
751.9	162.1	320.1						83. 185.						
757.2	162.0	319.4						90. 185.						
763.5	161.8	318.5						86. 185.						
767.7	161.7	317.9						78. 185.						
771.6	161.6	317.4						77. 185.						
775.7	161.5	316.8						68. 185.	30.0	185.0	-29.6		-.17	-.10
781.3	161.4	316.1						82. 185.						
786.7	161.3	315.3						60. 185.	39.1	185.0	-38.6		-.16	-.12
791.6	161.2	314.6						83. 185.						
797.7	161.0	313.8						73. 185.	3.5	185.0	-3.5		-.20	-.01
									20.8	185.0	-20.5		-.19	-.07
803.8	161.2	313.7						68. 185.	28.7	185.0	-28.3		-.18	-.09

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  77X08R       *    START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -7.06 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 37.94 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 991.2 METERS J = 1 - 413

MAX PAPER WIDTH REQUIRED: 41.0 INCHES

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* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
46.7	180.0	0.						85.	185.	5.0	185.0	.9	.20	.00
52.6	180.0	0.						85.	185.	5.0	185.0	.9	.20	.00
57.9	180.0	0.						68.	185.	22.0	185.0	4.0	.20	.01
61.3	180.0	0.						80.	185.	10.0	185.0	1.8	.20	.01
65.2	180.0	0.						63.	185.	27.0	185.0	5.1	.20	.02
69.0	179.9	359.0						73.	185.	17.0	185.0	3.0	.20	.01
73.1	179.6	356.2						69.	185.	21.0	185.0	3.8	.20	.01
79.5	179.2	351.8						58.	185.	32.8	185.0	6.4	.20	.02
80.2	179.2	351.3						63.	185.	27.8	185.0	5.2	.20	.02
85.3	178.8	347.8						66.	185.	25.1	185.0	4.7	.20	.02
90.7	178.5	344.1						70.	185.	21.4	185.0	3.9	.20	.01
95.3	178.2	340.9						70.	185.	21.6	185.0	3.9	.20	.01
99.0	177.9	338.3						70.	185.	21.9	185.0	4.0	.20	.01
100.0	177.9	337.7						85.	185.					
100.6	177.8	337.2						72.	185.	19.9	185.0	3.6	.20	.01
101.0	177.8	337.0						83.	185.	8.9	185.0	1.6	.20	.01
106.0	177.5	333.5						68.	185.	24.1	185.0	4.4	.20	.02
111.7	177.1	329.6						85.	185.					
116.6	176.8	326.2						80.	185.	12.3	185.0	2.2	.20	.01
121.0	176.5	323.2						70.	185.	22.5	185.0	4.1	.20	.01
124.8	176.2	320.6						82.	185.	10.3	185.0	1.8	.20	.01
128.7	176.0	317.9						76.	185.	16.4	185.0	2.9	.20	.01
130.0	175.9	317.0						80.	185.	12.3	185.0	2.2	.20	.01
136.2	175.5	312.7						77.	185.	15.3	185.0	2.7	.20	.01
140.6	175.2	309.7						70.	185.	22.4	185.0	4.1	.20	.01
145.4	174.9	306.3						75.	185.	17.0	185.0	3.0	.20	.01
149.1	174.7	303.8						77.	185.	14.7	185.0	2.6	.20	.01
152.5	174.4	301.5						79.	185.	12.3	185.0	2.2	.20	.01
176.7	173.5	297.3						85.	185.					
182.4	173.4	297.4						75.	185.	16.3	185.0	2.9	.20	.01
188.5	173.2	297.6						77.	185.	14.0	185.0	2.5	.20	.01
194.4	173.0	297.7						86.	185.					
201.0	172.9	297.9						80.	185.	10.4	185.0	1.8	.20	.01
205.6	172.7	298.0						83.	185.	3.5	185.0	.6	.20	.00
211.1	172.6	298.1						83.	185.	3.4	185.0	.6	.20	.00
215.4	172.5	298.2						77.	185.	14.0	185.0	2.5	.20	.01
219.6	172.3	298.3						73.	185.	18.6	185.0	3.3	.20	.01
224.6	172.2	298.4						73.	185.	18.6	185.0	3.3	.20	.01
229.1	172.1	298.5						81.	185.	8.5	185.0	1.5	.20	.01
234.1	171.9	298.6						65.	185.	27.2	185.0	5.1	.20	.02
244.3	171.7	298.9						78.	185.	12.7	185.0	2.2	.20	.01

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* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP		CA DIPD	DIP DIPD	AP-DIP		H	V
250.6	171.5	299.0					75. 185.	16.4 185.0	2.9		.20	.01
254.4	171.6	298.8					76. 185.	15.2 185.0	2.7		.20	.01
259.7	171.7	298.6					76. 185.	15.1 185.0	2.7		.20	.01
264.0	171.7	298.4					75. 185.	16.3 185.0	2.9		.20	.01
268.2	171.8	298.2					80. 185.	9.8 185.0	1.7		.20	.01
273.0	171.9	298.0					77. 185.	13.9 185.0	2.5		.20	.01
277.5	172.0	297.8					5. 185.	88.1 185.0	79.0		.04	.20
278.3	172.0	297.8					0. 185.					
282.5	172.1	297.6					79. 185.	11.3 185.0	2.0		.20	.01
287.2	172.1	297.4					83. 185.	2.2 185.0	.4		.20	.00
292.3	172.2	297.1					80. 185.	9.9 185.0	1.7		.20	.01
297.7	172.3	296.9					83. 185.	2.5 185.0	.4		.20	.00
303.3	172.4	296.6					75. 185.	16.1 185.0	2.9		.20	.01
308.7	172.5	296.4					72. 185.	19.4 185.0	3.5		.20	.01
314.2	172.6	296.1					80. 185.	9.9 185.0	1.7		.20	.01
331.1	172.9	295.4					78. 185.	12.5 185.0	2.2		.20	.01
336.3	173.0	295.2					65. 185.	26.6 185.0	5.0		.20	.02
341.0	173.1	294.9					90. 185.					
346.2	172.7	295.3					73. 185.	18.1 185.0	3.3		.20	.01
350.7	172.3	295.8					80. 185.	9.7 185.0	1.7		.20	.01
355.7	171.8	296.3					80. 185.	9.5 185.0	1.7		.20	.01
359.0	171.5	296.6					55. 185.	37.4 185.0	7.6		.20	.03
365.5	170.9	297.2					73. 185.	18.3 185.0	3.3		.20	.01
371.2	170.3	297.8					70. 185.	21.8 185.0	4.0		.20	.01
374.9	170.0	298.2					65. 185.	27.3 185.0	5.1		.20	.02
378.6	169.6	298.5					50. 185.	43.2 185.0	9.3		.20	.03
382.5	169.2	298.9					70. 185.	21.9 185.0	4.0		.20	.01
386.5	168.9	299.3					70. 185.	22.0 185.0	4.0		.20	.01
391.8	168.4	299.9					70. 185.	22.1 185.0	4.0		.20	.01
396.3	167.9	300.3					80. 185.					
400.2	167.6	300.7					82. 185.					
405.4	167.1	301.2					70. 185.	22.2 185.0	4.1		.20	.01
410.9	166.5	301.8					80. 185.					
415.4	166.1	302.2					73. 185.	18.2 185.0	3.3		.20	.01
421.0	165.6	302.8					68. 185.	24.9 185.0	4.6		.20	.02
426.4	165.1	303.3					82. 185.					
430.4	164.7	303.7					87. 185.					
435.4	164.4	304.3					86. 185.					
445.5	164.3	305.8					72. 185.	20.3 185.0	3.7		.20	.01
451.0	164.2	306.6					60. 185.	35.5 185.0	7.1		.20	.02
455.1	164.1	307.2					87. 185.					

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
457.5	164.1	307.5				81. 185.					
462.4	164.1	308.3				79. 185.					
467.5	164.0	309.0				80. 185.					
470.3	164.0	309.4				60. 185.	36.4 185.0	7.3		.20	.03
473.2	163.9	309.8				82. 185.					
480.0	163.8	310.8				83. 185.					
485.5	163.8	311.6				74. 185.	.3 185.0	.1		.20	.00
							19.3 185.0	3.5		.20	.01
491.0	163.7	312.4				78. 185.					
495.0	163.7	313.0				85. 185.					
499.7	163.6	313.7				83. 185.					
506.0	163.5	314.6				88. 185.					
511.0	163.5	315.4				85. 185.					
516.6	163.4	316.2				80. 185.					
522.7	163.3	317.1				79. 185.					
529.4	163.2	317.4				80. 185.					
532.5	163.1	317.4				86. 185.					
537.1	163.0	317.4				85. 185.					
542.0	162.8	317.4				85. 185.					
547.8	162.7	317.4				77. 185.	9.0 185.0	1.6		.20	.01
							14.7 185.0	2.6		.20	.01
552.1	162.6	317.4				80. 185.					
556.7	162.5	317.4				80. 185.					
562.9	162.3	317.4				75. 185.	4.6 185.0	.8		.20	.00
							19.7 185.0	3.6		.20	.01
566.0	162.2	317.4				75. 185.	4.7 185.0	.8		.20	.00
							19.7 185.0	3.6		.20	.01
572.1	162.1	317.4				77. 185.					
577.0	161.9	317.4				83. 185.					
582.8	161.8	317.4				76. 185.	8.2 185.0	1.4		.20	.01
							16.8 185.0	3.0		.20	.01
587.4	161.7	317.4				72. 185.	.4 185.0	.1		.20	.00
							24.7 185.0	4.6		.20	.02
593.5	161.5	317.4				86. 185.					
597.8	161.4	317.4				65. 185.	34.0 185.0	6.7		.20	.02
602.6	161.3	317.4				82. 185.					
608.7	161.1	317.4				77. 185.					
613.5	161.0	317.4				90. 185.					
617.8	160.9	317.5				72. 185.	1.7 185.0	.3		.20	.00
							24.6 185.0	4.6		.20	.02
622.7	161.1	318.0				75. 185.	7.0 185.0	1.2		.20	.00
							19.3 185.0	3.5		.20	.01

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
627.5	161.2	318.5						25.	185.	77.4	185.0	37.9	.16	.12
632.6	161.3	319.0						80.	185.					
639.0	161.4	319.6						73.	185.	2.4	185.0	.4	.20	.00
										24.2	185.0	4.5	.20	.02
643.7	161.6	320.0						85.	185.					
648.3	161.7	320.5						81.	185.					
654.4	161.8	321.1						70.	185.	29.1	185.0	5.5	.20	.02
660.0	162.0	321.6						75.	185.	4.6	185.0	.8	.20	.00
										22.0	185.0	4.0	.20	.01
664.6	162.1	322.1						70.	185.	29.4	185.0	5.6	.20	.02
669.6	162.2	322.5						80.	185.					
675.4	162.3	323.1						85.	185.					
680.5	162.4	323.6						83.	185.					
685.8	162.6	324.1						89.	185.					
691.0	162.7	324.6						80.	185.					
696.0	162.8	325.1						78.	185.	8.4	185.0	1.5	.20	.01
										18.3	185.0	3.3	.20	.01
700.8	162.9	325.5						82.	185.					
705.1	163.0	325.9						82.	185.					
710.2	163.0	325.9						80.	185.					
714.6	162.9	325.2						85.	185.					
720.8	162.8	324.4						79.	185.					
725.9	162.7	323.7						86.	185.					
731.0	162.6	323.0						85.	185.					
736.6	162.4	322.2						85.	185.					
740.2	162.4	321.7						74.	185.	2.3	185.0	.4	.20	.00
										23.7	185.0	4.4	.20	.02
745.9	162.2	320.9						74.	185.	2.7	185.0	.5	.20	.00
										23.3	185.0	4.3	.20	.01
751.9	162.1	320.1						83.	185.					
757.2	162.0	319.4						90.	185.					
763.5	161.8	318.5						86.	185.					
767.7	161.7	317.9						78.	185.					
771.6	161.6	317.4						77.	185.					
775.7	161.5	316.8						68.	185.	30.0	185.0	5.7	.20	.02
781.3	161.4	316.1						82.	185.					
786.7	161.3	315.3						60.	185.	39.1	185.0	8.0	.20	.03
791.6	161.2	314.6						83.	185.					
797.7	161.0	313.8						73.	185.	3.5	185.0	.6	.20	.00
										20.8	185.0	3.8	.20	.01
803.8	161.2	313.7						68.	185.	28.7	185.0	5.4	.20	.02

****
* DDH: 77X08R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
809.7	161.5	313.8						75.	185.	7.3	185.0	1.3	.20	.00
										16.4	185.0	2.9	.20	.01
815.2	161.7	313.9						87.	185.					
820.3	162.0	314.0						87.	185.					
825.1	162.2	314.1						73.	185.	1.3	185.0	.2	.20	.00
										21.6	185.0	3.9	.20	.01
831.1	162.5	314.2						73.	185.	.8	185.0	.1	.20	.00
										21.7	185.0	4.0	.20	.01
835.8	162.7	314.2						87.	185.					
840.4	162.9	314.3						85.	185.					
845.1	163.1	314.4						86.	185.					
851.2	163.4	314.5						70.	185.	26.3	185.0	4.9	.20	.02
855.1	163.6	314.6						86.	185.					
862.3	163.9	314.7						80.	185.					
867.2	164.1	314.8						76.	185.	3.3	185.0	.6	.20	.00
										17.3	185.0	3.1	.20	.01
871.4	164.3	314.9						81.	185.					
875.8	164.5	314.9						79.	185.					
880.4	164.7	315.0						65.	185.	32.2	185.0	6.3	.20	.02
885.7	165.0	315.1						60.	185.	37.7	185.0	7.7	.20	.03
959.5	166.3	323.5						60.	185.	39.1	185.0	8.0	.20	.03
967.1	166.5	324.4						60.	185.	39.1	185.0	8.0	.20	.03
972.3	166.5	325.1						58.	185.	41.4	185.0	8.7	.20	.03
979.0	166.7	325.9						70.	185.	28.6	185.0	5.4	.20	.02
983.5	166.9	325.0						85.	185.					

***** PLOT NUMBER 3 FINISHED *****

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*     DDH:  77X08R       *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320599.0  NORTH: 22649256.0
                      ELEV:     1047.2


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X08R  01047.22264925600320599 METERS
     2   R77X08R      0         180.0    0.   PREDICTED
     3   R77X08R    676         180.0    0.   PREDICTED
     4   R77X08R   1591         174.0  296.9  PREDICTED
     5   R77X08R   2505         171.5  299.0  PREDICTED
     6   R77X08R   3420         173.1  294.9  PREDICTED
     7   R77X08R   4334         164.4  304.0  PREDICTED
     8   R77X08R   5248         163.3  317.4  PREDICTED
     9   R77X08R   6163         160.9  317.4  PREDICTED
    10   R77X08R   7077         163.1  326.2  PREDICTED
    11   R77X08R   7991         161.0  313.6  PREDICTED
    12   R77X08R   8906         165.2  315.2  PREDICTED
    13   R77X08R   9817         166.7  326.2  PREDICTED
    14   R77X08R   9912         167.5  320.0  PREDICTED
    15   L77X08R  00000 00463 01    #
    16   L77X08R  00463 00529 02 5B6
    17   L77X08R  00529 00622 03 5D3
    18   L77X08R  00622 00642 04 5B6
    19   L77X08R  00642 00696 05 5D3
    20   L77X08R  00696 00709 06 5B6
    21   L77X08R  00709 00722 07 5CD
    22   L77X08R  00722 00741 08 5B0
    23   L77X08R  00741 00760 09 5D3
    24   L77X08R  00760 00820 10 5B6
    25   L77X08R  00820 01024 11 5B0
    26   L77X08R  01024 01225 12 5B7
    27   L77X08R  01225 01262 13 5D3
    28   L77X08R  01262 01297 14 5B0
    29   L77X08R  01297 01335 15 5B7
    30   L77X08R  01335 01530 16 5B0
    31   L77X08R  01530 01759 17 0F9
    32   L77X08R  01759 01818 18 5B0
    33   L77X08R  01818 01823 19 5D3
    34   L77X08R  01823 01838 20 5B0
    35   L77X08R  01838 01859 21 5D3
    36   L77X08R  01859 02112 22 5B0
         1.....1.....2.....3.....4.....5.....6.....7.....8
              0     0     0     0     0     0     0     0
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****
* DDH: 77X08R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L77X08R  02112 02132 23 5D3
   38 L77X08R  02132 02399 24 5B0
   39 L77X08R  02399 02426 25 5B0
   40 L77X08R  02426 02510 26 5B0
   41 L77X08R  02510 02682 27 5B0
   42 L77X08R  02682 02697 28 5E0
   43 L77X08R  02697 02710 29 5B0
   44 L77X08R  02710 02714 30 0E7
   45 L77X08R  02714 02717 31 5B0
   46 L77X08R  02717 02728 32 0E7
   47 L77X08R  02728 02737 33 5B0
   48 L77X08R  02737 02742 34 0E7
   49 L77X08R  02742 02886 35 5B0
   50 L77X08R  02886 02893 36 5B0
   51 L77X08R  02893 03103 37 5B0
   52 L77X08R  03103 03106 38 5D3
   53 L77X08R  03106 03184 39 5B0
   54 L77X08R  03184 03196 40 5B6
   55 L77X08R  03196 03200 41 0E7
   56 L77X08R  03200 03584 42 5B7
   57 L77X08R  03584 03644 43 5B7
   58 L77X08R  03644 03646 44 4A0
   59 L77X08R  03646 03684 45 5D3
   60 L77X08R  03684 03699 46 5B2
   61 L77X08R  03699 03708 47 5D3
   62 L77X08R  03708 03726 48 5B2
   63 L77X08R  03726 03772 49 5B7
   64 L77X08R  03772 03776 50 5D3
   65 L77X08R  03776 03780 51 4A0
   66 L77X08R  03780 03784 52 4L0
   67 L77X08R  03784 03790 53 4A0
   68 L77X08R  03790 03796 54 4L0
   69 L77X08R  03796 03844 55 5D3
   70 L77X08R  03844 03892 56 5B7
   71 L77X08R  03892 03904 57 5D3
   72 L77X08R  03904 04167 58 5DB
   73 L77X08R  04167 04293 59 5DB
   74 L77X08R  04293 04310 60 5D3
   75 L77X08R  04310 04322 61 5B7
   76 L77X08R  04322 04333 62 5D3
   77 L77X08R  04333 04366 63 5B7
   78 L77X08R  04366 04375 64 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
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****
* DDH: 77X08R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

79	L77X08R	04375	04397	65	5B7
80	L77X08R	04397	04418	66	5D3
81	L77X08R	04418	04440	67	5B7
82	L77X08R	04440	04456	68	5D3
83	L77X08R	04456	04474	69	5B7
84	L77X08R	04474	04490	70	5D3
85	L77X08R	04490	04537	71	5B2
86	L77X08R	04537	04563	72	5D3
87	L77X08R	04563	04734	73	5BD
88	L77X08R	04734	04753	74	5B6
89	L77X08R	04753	04825	75	5D3
90	L77X08R	04825	04965	76	5B6
91	L77X08R	04965	05043	77	5D3
92	L77X08R	05043	05084	78	5B6
93	L77X08R	05084	05101	79	5D3
94	L77X08R	05101	05121	80	5B6
95	L77X08R	05121	05566	81	5D3
96	L77X08R	05566	05605	82	5B7
97	L77X08R	05605	05621	83	5D3
98	L77X08R	05621	05746	84	5B7
99	L77X08R	05746	05797	85	5D3
100	L77X08R	05797	05811	86	5D
101	L77X08R	05811	05861	87	5D3
102	L77X08R	05861	05869	88	5B7
103	L77X08R	05869	05883	89	5D3
104	L77X08R	05883	05904	90	5D
105	L77X08R	05904	05925	91	5D3
106	L77X08R	05925	05973	92	5B2
107	L77X08R	05973	05980	93	5DB
108	L77X08R	05980	05985	94	
109	L77X08R	05985	05995	95	5D
110	L77X08R	05995	06029	96	5D3
111	L77X08R	06029	06085	97	5D
112	L77X08R	06085	06100	98	5D
113	L77X08R	06100	06153	99	5D3
114	L77X08R	06153	06171	01	5B7
115	L77X08R	06171	06203	02	5D3
116	L77X08R	06203	06214	03	5B7
117	L77X08R	06214	06223	04	5D3
118	L77X08R	06223	06240	05	5B7
119	L77X08R	06240	06252	06	5D3
120	L77X08R	06252	06312	07	5D

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* DDH: 77X08R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
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121	L77X08R	06312	06344	08	5D3
122	L77X08R	06344	06361	09	5B7
123	L77X08R	06361	06410	10	5D3
124	L77X08R	06410	06440	11	5BD
125	L77X08R	06440	06466	12	5D3
126	L77X08R	06466	06473	13	5B7
127	L77X08R	06473	06663	14	5D3
128	L77X08R	06663	06680	15	5D
129	L77X08R	06680	06794	16	5B7
130	L77X08R	06794	06807	17	5D
131	L77X08R	06807	06976	18	5D3
132	L77X08R	06976	07068	19	5B7
133	L77X08R	07068	07078	20	5D3
134	L77X08R	07078	07372	21	5B7
135	L77X08R	07372	07459	22	5D3
136	L77X08R	07459	07689	23	5B7
137	L77X08R	07689	07739	24	5D3
138	L77X08R	07739	07756	25	5B7
139	L77X08R	07756	07761	26	5D3
140	L77X08R	07761	07807	27	5B7
141	L77X08R	07807	07818	28	5D3
142	L77X08R	07818	07880	29	5B7
143	L77X08R	07880	07900	30	5D3
144	L77X08R	07900	08803	31	5B7
145	L77X08R	08803	08810	32	5D3
146	L77X08R	08810	08855	33	5A3
147	L77X08R	08855	08856	34	5E2
148	L77X08R	08856	08865	35	5B7
149	L77X08R	08865	08873	36	5D6
150	L77X08R	08873	08901	37	0G6
151	L77X08R	08901	09005	38	0G0
152	L77X08R	09005	09398	39	0G0
153	L77X08R	09398	09512	40	0G0
154	L77X08R	09512	09545	41	0G6
155	L77X08R	09544	09576	42	0C6
156	L77X08R	09576	09594	43	0C0
157	L77X08R	09594	09627	44	3D8
158	L77X08R	09627	09670	45	0C6
159	L77X08R	09670	09675	46	3D8
160	L77X08R	09675	09689	47	0C0
161	L77X08R	09689	09700	48	3D4
162	L77X08R	09700	09712	49	0C0

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       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
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* DDH: 77X08R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 L77X08R 09712 09751 50 3D8
  164 L77X08R 09751 09753 51 0E8
  165 L77X08R 09753 09772 52 3D4
  166 L77X08R 09772 09776 53 3D4
  167 L77X08R 09776 09778 53 3D4
  168 L77X08R 09778 09780 54 0C0
  169 L77X08R 09780 09791 53 3D4
  170 L77X08R 09791 09811 54 0C0
  171 L77X08R 09811 09814 55 3D4
  172 L77X08R 09814 09817 56 0C0
  173 L77X08R 09817 09846 57 3D4
  174 L77X08R 09846 09912 58 0C0
  175 S77X08R       00467 PS2 S       85185
  176 S77X08R       00526 PS2 S       85185
  177 S77X08R       00579 PS2 S       68185
  178 S77X08R       00613  F2 E       80185
  179 S77X08R       00652 PS2 Z       63185
  180 S77X08R       00690 PS2 Z       73185
  181 S77X08R       00731 PS2 Z       69185
  182 S77X08R       00795 PS2 Z       58185
  183 S77X08R       00802  F2 3       63185
  184 S77X08R       00853 PS2 S       66185
  185 S77X08R       00907 PS2 S       70185
  186 S77X08R       00953 PS2 S       70185
  187 S77X08R       00990 PS2 S       70185
  188 S77X08R       01000  F2 E       85185
  189 S77X08R       01006 PS2 Z       72185
  190 S77X08R       01010  F2 3       83185
  191 S77X08R       01060 PS2 S       68185
  192 S77X08R       01117 PS2 S       85185
  193 S77X08R       01166 PS2 S       80185
  194 S77X08R       01210 PS2 S       70185
  195 S77X08R       01248  F2 E       82185
  196 S77X08R       01287 PS2 Z       76185
  197 S77X08R       01291  F2 3
  198 S77X08R       01300 PS2 S       80185
  199 S77X08R       01306  F2 E
  200 S77X08R       01320  F2 3
  201 S77X08R       01362 PS2 S       77185
  202 S77X08R       01406 PS2 S       70185
  203 S77X08R       01454 PS2 S       75185
  204 S77X08R       01491  F2 E       77185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
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* DDH: 77X08R *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205 S77X08R         01499  F2 3
  206 S77X08R         01525 PS2 S        79185
  207 S77X08R         01767 PS2 Z        85185
  208 S77X08R         01786  F2 3
  209 S77X08R         01824 PS2 S        75185
  210 S77X08R         01885 PS2 S        77185
  211 S77X08R         01944 PS2 S        86185
  212 S77X08R         02010 PS2 S        80185
  213 S77X08R         02056 PS2 S        83185
  214 S77X08R         02111 PS2 S        83185
  215 S77X08R         02154 PS2 S        77185
  216 S77X08R         02196 PS2 S        73185
  217 S77X08R         02246 PS2 S        73185
  218 S77X08R         02291 PS2 S        81185
  219 S77X08R         02341 PS2 S        65185
  220 S77X08R         02390  F2 E
  221 S77X08R         02443 PS2 Z        78185
  222 S77X08R         02506 PS2 Z        75185
  223 S77X08R         02544 PS2 S        76185
  224 S77X08R         02597 PS2 S        76185
  225 S77X08R         02640 PS2 S        75185
  226 S77X08R         02682 PS2 S        80185
  227 S77X08R         02730 PS2 S        77185
  228 S77X08R         02775 PS2 S        05185
  229 S77X08R         02783  F2 E          185
  230 S77X08R         02797  F2 3
  231 S77X08R         02825 PS2          79185
  232 S77X08R         02872 PS2          83185
  233 S77X08R         02923 PS2          80185
  234 S77X08R         02977 PS2          83185
  235 S77X08R         03033 PS2          75185
  236 S77X08R         03087 PS2          72185
  237 S77X08R         03142 PS2          80185
  238 S77X08R         03159  F2 E
  239 S77X08R         03311 PS2          78185
  240 S77X08R         03363 PS2          65185
  241 S77X08R         03410 PS2          90185
  242 S77X08R         03462 PS2          73185
  243 S77X08R         03507 PS2          80185
  244 S77X08R         03557 PS2          80185
  245 S77X08R         03590 PS2          55185
  246 S77X08R         03655 PS2          73185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
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* DDH: 77X08R *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

247	S77X08R	03712	PS2		70185
248	S77X08R	03749	PS2		65185
249	S77X08R	03786	PS2		50185
250	S77X08R	03825	PS2		70185
251	S77X08R	03865	PS2		70185
252	S77X08R	03918	PS2		70185
253	S77X08R	03963	PS2		80185
254	S77X08R	04002	PS2		82185
255	S77X08R	04054	PS2		70185
256	S77X08R	04109	PS2		80185
257	S77X08R	04154	PS2		73185
258	S77X08R	04210	PS2		68185
259	S77X08R	04264	PS2		82185
260	S77X08R	04304	PS2		87185
261	S77X08R	04354	PS2		86185
262	S77X08R	04412	F2	E	
263	S77X08R	04420	F2	3	
264	S77X08R	04455			72185
265	S77X08R	04510			60185
266	S77X08R	04551	F2	E	87185
267	S77X08R	04575	F2	E	81185
268	S77X08R	04624	PS2	S	79185
269	S77X08R	04675	PS2	S	80185
270	S77X08R	04703	PS2	E	60185
271	S77X08R	04732	PS2	Z	82185
272	S77X08R	04800		3	83185
273	S77X08R	04855		S	74185
274	S77X08R	04910		S	78185
275	S77X08R	04950		S	85185
276	S77X08R	04997		S	83185
277	S77X08R	05060		S	88185
278	S77X08R	05110		S	85185
279	S77X08R	05166		S	80185
280	S77X08R	05227		S	79185
281	S77X08R	05294		S	80185
282	S77X08R	05325		S	86185
283	S77X08R	05371		S	85185
284	S77X08R	05420		S	85185
285	S77X08R	05478		S	77185
286	S77X08R	05521		S	80185
287	S77X08R	05567		S	80185
288	S77X08R	05629		S	75185

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* DDH: 77X08R *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

289	S77X08R	05660		S	75185
290	S77X08R	05664	F2	E	
291	S77X08R	05690	F2	3	
292	S77X08R	05721	PS2	S	77185
293	S77X08R	05770	PS2	S	83185
294	S77X08R	05828	PS2	S	76185
295	S77X08R	05874	PS2	S	72185
296	S77X08R	05935			86185
297	S77X08R	05978			65185
298	S77X08R	06026			82185
299	S77X08R	06087			77185
300	S77X08R	06135			90185
301	S77X08R	06178			72185
302	S77X08R	06227			75185
303	S77X08R	06275			25185
304	S77X08R	06326			80185
305	S77X08R	06390			73185
306	S77X08R	06437			85185
307	S77X08R	06433	F2	S	
308	S77X08R	06456	F2	3	
309	S77X08R	06483	PS2	S	81185
310	S77X08R	06544	PS2	S	70185
311	S77X08R	06600	PS2	S	75185
312	S77X08R	06646	PS2	S	70185
313	S77X08R	06666	F2	E	
314	S77X08R	06696	PS2		80185
315	S77X08R	06722	F2	3	
316	S77X08R	06754	PS2		85185
317	S77X08R	06805	PS2		83185
318	S77X08R	06858	PS2		89185
319	S77X08R	06910	PS2		80185
320	S77X08R	06960	PS2		78185
321	S77X08R	07008	PS2		82185
322	S77X08R	07051	PS2		82185
323	S77X08R	07065	F2	E	
324	S77X08R	07102	PS2		80185
325	S77X08R	07146	PS2		85185
326	S77X08R	07208	PS2		79185
327	S77X08R	07259	PS2		86185
328	S77X08R	07310	PS2		85185
329	S77X08R	07366	PS2		85185
330	S77X08R	07402	PS2		74185

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* DDH: 77X08R *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

331	S77X08R	07459	PS2	74185	
332	S77X08R	07517	F2 E		
333	S77X08R	07519	PS2	83185	
334	S77X08R	07572	PS2	90185	
335	S77X08R	07635	PS2	86185	
336	S77X08R	07677	PS2	78185	
337	S77X08R	07716	PS2	77185	
338	S77X08R	07757	PS2	68185	
339	S77X08R	07813	PS2	82185	
340	S77X08R	07867	PS2	60185	
341	S77X08R	07916	PS2	83185	
342	S77X08R	07977	PS2	73185	
343	S77X08R	08038	PS2	68185	
344	S77X08R	08097	PS2	75185	
345	S77X08R	08152	PS2	87185	
346	S77X08R	08203	PS2	87185	
347	S77X08R	08251	PS2	73185	
348	S77X08R	08311	PS2	73185	
349	S77X08R	08358	PS2	87185	
350	S77X08R	08404	PS2	85185	
351	S77X08R	08451	PS2	86185	
352	S77X08R	08512	PS2	70185	
353	S77X08R	08551	PS2	86185	
354	S77X08R	08623	PS2	80185	
355	S77X08R	08672	PS2	76185	
356	S77X08R	08714	PS2	81185	
357	S77X08R	08758	PS2	79185	
358	S77X08R	08804	PS2	65185	
359	S77X08R	08857	PS2	60185	
360	S77X08R	08873	09594 INT		
361	S77X08R	09595	PS2	60185	
362	S77X08R	09671	PS2	60185	
363	S77X08R	09723	PS2	58185	
364	S77X08R	09790	PS2	70185	
365	S77X08R	09835	PS2	85185	

DDH: 77X08R -- SUMMARY OF DATA INPUT

RECORDS READ = 365 RELEASED TO SORT 414
TYPE-L = 160
TYPE-P = 0
TYPE-R = 13
TYPE-S = 191
TYPE-X = 49
TYPE-A = 0
TYPE-V = 0 (GENERATED TO DEPTH: 980.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 991.2 METERS

****
* DDH: 77X08R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320599.0 NORTH: 22649256.0
ELEV: 1047.2

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	67.60	METERS
	ZENITH ANG:	180.00	-	180.00	
	AZIMUTH:	0.	-	0.	
BOREHOLE SECTION 2 --	DEPTH:	67.60	-	159.10	METERS
	ZENITH ANG:	180.00	-	174.00	
	AZIMUTH:	0.	-	296.90	
BOREHOLE SECTION 3 --	DEPTH:	159.10	-	250.50	METERS
	ZENITH ANG:	174.00	-	171.50	
	AZIMUTH:	296.90	-	299.00	
BOREHOLE SECTION 4 --	DEPTH:	250.50	-	342.00	METERS
	ZENITH ANG:	171.50	-	173.10	
	AZIMUTH:	299.00	-	294.90	
BOREHOLE SECTION 5 --	DEPTH:	342.00	-	433.40	METERS
	ZENITH ANG:	173.10	-	164.40	
	AZIMUTH:	294.90	-	304.00	
BOREHOLE SECTION 6 --	DEPTH:	433.40	-	524.80	METERS
	ZENITH ANG:	164.40	-	163.30	
	AZIMUTH:	304.00	-	317.40	
BOREHOLE SECTION 7 --	DEPTH:	524.80	-	616.30	METERS
	ZENITH ANG:	163.30	-	160.90	
	AZIMUTH:	317.40	-	317.40	
BOREHOLE SECTION 8 --	DEPTH:	616.30	-	707.70	METERS
	ZENITH ANG:	160.90	-	163.10	
	AZIMUTH:	317.40	-	326.20	
BOREHOLE SECTION 9 --	DEPTH:	707.70	-	799.10	METERS
	ZENITH ANG:	163.10	-	161.00	
	AZIMUTH:	326.20	-	313.60	
BOREHOLE SECTION 10 --	DEPTH:	799.10	-	890.60	METERS
	ZENITH ANG:	161.00	-	165.20	
	AZIMUTH:	313.60	-	315.20	
BOREHOLE SECTION 11 --	DEPTH:	890.60	-	981.70	METERS
	ZENITH ANG:	165.20	-	166.70	

AZIMUTH: 315.20 - 326.20

BOREHOLE SECTION 12 -- DEPTH: 981.70 - 991.20 METERS
ZENITH ANG: 166.70 - 167.50
AZIMUTH: 326.20 - 320.00

FINISHED -- BOREHOLE LENGTH = 991.20 METERS
FILE SIZE = 414

****
* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
46.3	L	01 #									46.3	0.	.0	180.0	0.
46.7	S				PS2	S			85.	185.	46.7	0.	.0	180.0	0.
52.6	S				PS2	S			85.	185.	52.6	0.	.0	180.0	0.
52.9	L	02 5B6									52.9	0.	.0	180.0	0.
57.9	S				PS2	S			68.	185.	57.9	0.	.0	180.0	0.
61.3	S				F2	E			80.	185.	61.3	0.	.0	180.0	0.
62.2	L	03 5D3									62.2	0.	.0	180.0	0.
64.2	L	04 5B6									64.2	0.	.0	180.0	0.
65.2	S				PS2	Z			63.	185.	65.2	0.	.0	180.0	0.
67.6	R										67.6	0.	.0	180.0	0.
69.0	S				PS2	Z			73.	185.	69.0	-.0	.0	179.9	359.0
69.6	L	05 5D3									69.6	-.0	.0	179.9	358.6
70.9	L	06 5B6									70.9	-.0	.0	179.8	357.7
72.2	L	07 5CD									72.2	-.0	.0	179.7	356.8
73.1	S				PS2	Z			69.	185.	73.1	-.0	.0	179.6	356.2
74.1	L	08 5B0									74.1	-.0	.0	179.6	355.5
76.0	L	09 5D3									76.0	-.0	.0	179.4	354.2
79.5	S				PS2	Z			58.	185.	79.5	-.0	.1	179.2	351.8
80.2	S				F2	3			63.	185.	80.2	-.0	.1	179.2	351.3
82.0	L	10 5B6									82.0	-.0	.1	179.1	350.1
85.3	S				PS2	S			66.	185.	85.3	-.0	.2	178.8	347.8
90.7	S				PS2	S			70.	185.	90.7	-.1	.3	178.5	344.1
95.3	S				PS2	S			70.	185.	95.3	-.1	.4	178.2	340.9
99.0	S				PS2	S			70.	185.	99.0	-.1	.5	177.9	338.3
100.0	S				F2	E			85.	185.	100.0	-.2	.6	177.9	337.7
100.6	S				PS2	Z			72.	185.	100.6	-.2	.6	177.8	337.2
101.0	S				F2	3			83.	185.	101.0	-.2	.6	177.8	337.0
102.4	L	11 5B0									102.4	-.2	.7	177.7	336.0
106.0	S				PS2	S			68.	185.	106.0	-.3	.8	177.5	333.5
111.7	S				PS2	S			85.	185.	111.7	-.4	1.0	177.1	329.6
116.6	S				PS2	S			80.	185.	116.6	-.5	1.3	176.8	326.2
121.0	S				PS2	S			70.	185.	121.0	-.7	1.5	176.5	323.2
122.5	L	12 5B7									122.5	-.7	1.5	176.4	322.1
124.8	S				F2	E			82.	185.	124.8	-.8	1.7	176.2	320.6
126.2	L	13 5D3									126.2	-.9	1.7	176.2	319.6
128.7	S				PS2	Z			76.	185.	128.7	-1.0	1.9	176.0	317.9
129.1	S				F2	3					129.0	-1.0	1.9	176.0	317.6

****
* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
129.7	L	14 5B0									129.6	-1.0	1.9	175.9	317.2
130.0	S				PS2	S			80.	185.	129.9	-1.1	1.9	175.9	317.0
130.6	S				F2	E					130.5	-1.1	2.0	175.9	316.6
132.0	S				F2	3					131.9	-1.2	2.0	175.8	315.6
133.5	L	15 5B7									133.4	-1.2	2.1	175.7	314.6
136.2	S				PS2	S			77.	185.	136.1	-1.4	2.3	175.5	312.7
140.6	S				PS2	S			70.	185.	140.5	-1.6	2.5	175.2	309.7
145.4	S				PS2	S			75.	185.	145.3	-2.0	2.7	174.9	306.3
149.1	S				F2	E			77.	185.	149.0	-2.3	2.9	174.7	303.8
149.9	S				F2	3					149.8	-2.3	3.0	174.6	303.2
152.5	S				PS2	S			79.	185.	152.4	-2.5	3.1	174.4	301.5
153.0	L	16 5B0									152.9	-2.6	3.1	174.4	301.1
159.1	R										158.9	-3.1	3.4	174.0	296.9
175.9	L	17 0F9									175.6	-4.7	4.3	173.5	297.3
176.7	S				PS2	Z			85.	185.	176.4	-4.8	4.3	173.5	297.3
178.6	S				F2	3					178.3	-5.0	4.4	173.5	297.3
181.8	L	18 5B0									181.5	-5.3	4.6	173.4	297.4
182.3	L	19 5D3									182.0	-5.4	4.6	173.4	297.4
182.4	S				PS2	S			75.	185.	182.1	-5.4	4.6	173.4	297.4
183.8	L	20 5B0									183.5	-5.5	4.7	173.3	297.5
185.9	L	21 5D3									185.6	-5.7	4.8	173.3	297.5
188.5	S				PS2	S			77.	185.	188.1	-6.0	4.9	173.2	297.6
194.4	S				PS2	S			86.	185.	194.0	-6.6	5.3	173.0	297.7
201.0	S				PS2	S			80.	185.	200.6	-7.4	5.6	172.9	297.9
205.6	S				PS2	S			83.	185.	205.1	-7.9	5.9	172.7	298.0
211.1	S				PS2	S			83.	185.	210.6	-8.5	6.2	172.6	298.1
211.2	L	22 5B0									210.7	-8.5	6.2	172.6	298.1
213.2	L	23 5D3									212.7	-8.7	6.4	172.5	298.1
215.4	S				PS2	S			77.	185.	214.8	-9.0	6.5	172.5	298.2
219.6	S				PS2	S			73.	185.	219.0	-9.5	6.8	172.3	298.3
224.6	S				PS2	S			73.	185.	224.0	-10.1	7.1	172.2	298.4
229.1	S				PS2	S			81.	185.	228.4	-10.6	7.4	172.1	298.5
234.1	S				PS2	S			65.	185.	233.4	-11.2	7.7	171.9	298.6
239.0	S				F2	E					238.2	-11.8	8.0	171.8	298.7
239.9	L	24 5B0									239.1	-11.9	8.1	171.8	298.8
242.6	L	25 5B0									241.8	-12.3	8.3	171.7	298.8
244.3	S				PS2	Z			78.	185.	243.5	-12.5	8.4	171.7	298.9

****
* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
250.5	R										249.6	-13.3	8.8	171.5	299.0
250.6	S				PS2	Z			75.	185.	249.7	-13.3	8.9	171.5	299.0
251.0	L	26 5B0									250.1	-13.3	8.9	171.5	299.0
254.4	S				PS2	S			76.	185.	253.5	-13.8	9.1	171.6	298.8
259.7	S				PS2	S			76.	185.	258.7	-14.5	9.5	171.7	298.6
264.0	S				PS2	S			75.	185.	263.0	-15.0	9.8	171.7	298.4
268.2	L	27 5B0									267.1	-15.5	10.1	171.8	298.2
268.2	S				PS2	S			80.	185.	267.1	-15.5	10.1	171.8	298.2
269.7	L	28 5E0									268.6	-15.7	10.2	171.8	298.1
271.0	L	29 5B0									269.9	-15.9	10.3	171.9	298.1
271.4	L	30 0E7									270.3	-15.9	10.3	171.9	298.1
271.7	L	31 5B0									270.6	-16.0	10.3	171.9	298.1
272.8	L	32 0E7									271.7	-16.1	10.4	171.9	298.0
273.0	S				PS2	S			77.	185.	271.9	-16.1	10.4	171.9	298.0
273.7	L	33 5B0									272.6	-16.2	10.4	171.9	298.0
274.2	L	34 0E7									273.0	-16.3	10.5	171.9	297.9
277.5	S				PS2	S			5.	185.	276.3	-16.7	10.7	172.0	297.8
278.3	S				F2	E				185.	277.1	-16.8	10.7	172.0	297.8
279.7	S				F2	3					278.5	-17.0	10.8	172.0	297.7
282.5	S				PS2				79.	185.	281.3	-17.3	11.0	172.1	297.6
287.2	S				PS2				83.	185.	285.9	-17.9	11.3	172.1	297.4
288.6	L	35 5B0									287.3	-18.1	11.4	172.2	297.3
289.3	L	36 5B0									288.0	-18.1	11.4	172.2	297.3
292.3	S				PS2				80.	185.	291.0	-18.5	11.6	172.2	297.1
297.7	S				PS2				83.	185.	296.3	-19.1	12.0	172.3	296.9
303.3	S				PS2				75.	185.	301.9	-19.8	12.3	172.4	296.6
308.7	S				PS2				72.	185.	307.2	-20.4	12.6	172.5	296.4
310.3	L	37 5B0									308.8	-20.6	12.7	172.5	296.3
310.6	L	38 5D3									309.1	-20.7	12.7	172.6	296.3
314.2	S				PS2				80.	185.	312.7	-21.1	12.9	172.6	296.1
315.9	S				F2	E					314.4	-21.3	13.0	172.6	296.1
318.4	L	39 5B0									316.8	-21.6	13.2	172.7	296.0
319.6	L	40 5B6									318.0	-21.7	13.2	172.7	295.9
320.0	L	41 0E7									318.4	-21.7	13.3	172.7	295.9
331.1	S				PS2				78.	185.	329.4	-23.0	13.9	172.9	295.4
336.3	S				PS2				65.	185.	334.6	-23.6	14.1	173.0	295.2
341.0	S				PS2				90.	185.	339.3	-24.1	14.4	173.1	294.9

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* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
342.0	R										340.3	-24.2	14.4	173.1	294.9
346.2	S				PS2				73.	185.	344.4	-24.7	14.6	172.7	295.3
350.7	S				PS2				80.	185.	348.9	-25.2	14.9	172.3	295.8
355.7	S				PS2				80.	185.	353.8	-25.8	15.2	171.8	296.3
358.4	L	42 5B7									356.5	-26.2	15.4	171.5	296.5
359.0	S				PS2				55.	185.	357.1	-26.3	15.4	171.5	296.6
364.4	L	43 5B7									362.4	-27.0	15.8	171.0	297.1
364.6	L	44 4A0									362.6	-27.0	15.8	170.9	297.2
365.5	S				PS2				73.	185.	363.5	-27.1	15.9	170.9	297.2
368.4	L	45 5D3									366.4	-27.6	16.1	170.6	297.5
369.9	L	46 5B2									367.9	-27.8	16.2	170.4	297.7
370.8	L	47 5D3									368.8	-27.9	16.3	170.4	297.8
371.2	S				PS2				70.	185.	369.2	-28.0	16.3	170.3	297.8
372.6	L	48 5B2									370.5	-28.2	16.4	170.2	297.9
374.9	S				PS2				65.	185.	372.8	-28.5	16.6	170.0	298.2
377.2	L	49 5B7									375.1	-28.9	16.8	169.7	298.4
377.6	L	50 5D3									375.5	-29.0	16.8	169.7	298.4
378.0	L	51 4A0									375.9	-29.0	16.8	169.7	298.5
378.4	L	52 4L0									376.2	-29.1	16.9	169.6	298.5
378.6	S				PS2				50.	185.	376.4	-29.1	16.9	169.6	298.5
379.0	L	53 4A0									376.8	-29.2	16.9	169.6	298.6
379.6	L	54 4L0									377.4	-29.3	17.0	169.5	298.6
382.5	S				PS2				70.	185.	380.3	-29.7	17.2	169.2	298.9
384.4	L	55 5D3									382.1	-30.0	17.4	169.1	299.1
386.5	S				PS2				70.	185.	384.2	-30.4	17.6	168.9	299.3
389.2	L	56 5B7									386.9	-30.9	17.9	168.6	299.6
390.4	L	57 5D3									388.0	-31.1	18.0	168.5	299.7
391.8	S				PS2				70.	185.	389.4	-31.3	18.1	168.4	299.9
396.3	S				PS2				80.	185.	393.8	-32.1	18.6	167.9	300.3
400.2	S				PS2				82.	185.	397.6	-32.8	19.0	167.6	300.7
405.4	S				PS2				70.	185.	402.7	-33.8	19.6	167.1	301.2
410.9	S				PS2				80.	185.	408.0	-34.9	20.3	166.5	301.8
415.4	S				PS2				73.	185.	412.4	-35.8	20.8	166.1	302.2
416.7	L	58 5D8									413.7	-36.0	21.0	166.0	302.3
421.0	S				PS2				68.	185.	417.8	-36.9	21.6	165.6	302.8
426.4	S				PS2				82.	185.	423.1	-38.1	22.3	165.1	303.3
429.3	L	59 5D8									425.9	-38.7	22.7	164.8	303.6
430.4	S				PS2				87.	185.	426.9	-38.9	22.9	164.7	303.7
431.0	L	60 5D3									427.5	-39.1	23.0	164.6	303.8
432.2	L	61 5B7									428.7	-39.3	23.1	164.5	303.9

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****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
433.3	L	62 5D3									429.7	-39.6	23.3	164.4	304.0
433.4	R										429.8	-39.6	23.3	164.4	304.0
435.4	S				PS2				86.	185.	431.8	-40.1	23.6	164.4	304.3
436.6	L	63 5B7									432.9	-40.3	23.8	164.4	304.5
437.5	L	64 5D3									433.8	-40.5	23.9	164.4	304.6
439.7	L	65 5B7									435.9	-41.0	24.3	164.3	304.9
441.2	S				F2	E					437.3	-41.3	24.5	164.3	305.1
441.8	L	66 5D3									437.9	-41.5	24.6	164.3	305.2
442.0	S				F2	3					438.1	-41.5	24.6	164.3	305.3
444.0	L	67 5B7									440.0	-42.0	25.0	164.3	305.6
445.5	S								72.	185.	441.5	-42.3	25.2	164.3	305.8
445.6	L	68 5D3									441.6	-42.3	25.2	164.3	305.8
447.4	L	69 5B7									443.3	-42.7	25.5	164.2	306.1
449.0	L	70 5D3									444.8	-43.1	25.8	164.2	306.3
451.0	S								60.	185.	446.8	-43.5	26.1	164.2	306.6
453.7	L	71 5B2									449.4	-44.1	26.5	164.2	307.0
455.1	S				F2	E			87.	185.	450.7	-44.4	26.7	164.1	307.2
456.3	L	72 5D3									451.9	-44.7	26.9	164.1	307.4
457.5	S				F2	E			81.	185.	453.0	-44.9	27.1	164.1	307.5
462.4	S				PS2	S			79.	185.	457.7	-46.0	28.0	164.1	308.3
467.5	S				PS2	S			80.	185.	462.6	-47.1	28.8	164.0	309.0
470.3	S				PS2	E			60.	185.	465.3	-47.7	29.3	164.0	309.4
473.2	S				PS2	Z			82.	185.	468.1	-48.3	29.8	163.9	309.8
473.4	L	73 5BD									468.3	-48.3	29.9	163.9	309.9
475.3	L	74 5B6									470.1	-48.7	30.2	163.9	310.1
480.0	S					3			83.	185.	474.6	-49.7	31.1	163.8	310.8
482.5	L	75 5D3									477.0	-50.3	31.5	163.8	311.2
485.5	S					S			74.	185.	479.9	-50.9	32.1	163.8	311.6
491.0	S					S			78.	185.	485.2	-52.0	33.1	163.7	312.4
495.0	S					S			85.	185.	489.0	-52.9	33.9	163.7	313.0
496.5	L	76 5B6									490.5	-53.2	34.2	163.6	313.3
499.7	S					S			83.	185.	493.6	-53.8	34.8	163.6	313.7
504.3	L	77 5D3									498.0	-54.8	35.7	163.5	314.4
506.0	S					S			88.	185.	499.6	-55.1	36.0	163.5	314.6
508.4	L	78 5B6									501.9	-55.6	36.5	163.5	315.0
510.1	L	79 5D3									503.5	-55.9	36.9	163.5	315.2
511.0	S					S			85.	185.	504.4	-56.1	37.0	163.5	315.4
512.1	L	80 5B6									505.4	-56.3	37.3	163.5	315.5
516.6	S					S			80.	185.	509.8	-57.2	38.2	163.4	316.2
522.7	S					S			79.	185.	515.6	-58.4	39.4	163.3	317.1

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COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
524.8	R							517.6	-58.8	39.9	163.3	317.4
529.4	S				S		80. 185.	522.0	-59.7	40.9	163.2	317.4
532.5	S				S		86. 185.	525.0	-60.3	41.5	163.1	317.4
537.1	S				S		85. 185.	529.4	-61.2	42.5	163.0	317.4
542.0	S				S		85. 185.	534.1	-62.2	43.6	162.8	317.4
547.8	S				S		77. 185.	539.6	-63.4	44.8	162.7	317.4
552.1	S				S		80. 185.	543.7	-64.2	45.8	162.6	317.4
556.6	L	81 5D3						548.0	-65.2	46.8	162.5	317.4
556.7	S				S		80. 185.	548.1	-65.2	46.8	162.5	317.4
560.5	L	82 5B7						551.7	-66.0	47.6	162.4	317.4
562.1	L	83 5D3						553.2	-66.3	48.0	162.3	317.4
562.9	S				S		75. 185.	554.0	-66.4	48.2	162.3	317.4
566.0	S				S		75. 185.	557.0	-67.1	48.9	162.2	317.4
566.4	S			F2	E			557.3	-67.2	49.0	162.2	317.4
569.0	S			F2	3			559.8	-67.7	49.6	162.1	317.4
572.1	S			PS2	S		77. 185.	562.8	-68.4	50.3	162.1	317.4
574.6	L	84 5B7						565.1	-68.9	50.8	162.0	317.4
577.0	S			PS2	S		83. 185.	567.4	-69.4	51.4	161.9	317.4
579.7	L	85 5D3						570.0	-69.9	52.0	161.9	317.4
581.1	L	86 5D						571.3	-70.2	52.3	161.8	317.4
582.8	S			PS2	S		76. 185.	572.9	-70.6	52.7	161.8	317.4
586.1	L	87 5D3						576.1	-71.3	53.5	161.7	317.4
586.9	L	88 5B7						576.8	-71.5	53.6	161.7	317.4
587.4	S			PS2	S		72. 185.	577.3	-71.6	53.8	161.7	317.4
588.3	L	89 5D3						578.2	-71.8	54.0	161.6	317.4
590.4	L	90 5D						580.2	-72.2	54.5	161.6	317.4
592.5	L	91 5D3						582.1	-72.7	54.9	161.5	317.4
593.5	S						86. 185.	583.1	-72.9	55.2	161.5	317.4
597.3	L	92 5B2						586.7	-73.7	56.1	161.4	317.4
597.8	S						65. 185.	587.2	-73.8	56.2	161.4	317.4
598.0	L	93 5DB						587.4	-73.9	56.2	161.4	317.4
598.5	L	94						587.8	-74.0	56.4	161.4	317.4
599.5	L	95 5D						588.8	-74.2	56.6	161.3	317.4
602.6	S						82. 185.	591.7	-74.8	57.3	161.3	317.4
602.9	L	96 5D3						592.0	-74.9	57.4	161.3	317.4
608.5	L	97 5D						597.3	-76.1	58.7	161.1	317.4
608.7	S						77. 185.	597.5	-76.2	58.8	161.1	317.4
610.0	L	98 5D						598.7	-76.5	59.1	161.1	317.4
613.5	S						90. 185.	602.0	-77.2	59.9	161.0	317.4
615.3	L	99 5D3						603.7	-77.6	60.3	160.9	317.4

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COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
616.3	R										604.7	-77.9	60.6	160.9	317.4
617.1	L	01 5B7									605.4	-78.0	60.8	160.9	317.5
617.8	S								72.	185.	606.1	-78.2	61.0	160.9	317.5
620.3	L	02 5D3									608.5	-78.7	61.6	161.0	317.8
621.4	L	03 5B7									609.5	-79.0	61.8	161.0	317.9
622.3	L	04 5D3									610.4	-79.2	62.0	161.0	318.0
622.7	S								75.	185.	610.7	-79.3	62.1	161.1	318.0
624.0	L	05 5B7									612.0	-79.5	62.4	161.1	318.1
625.2	L	06 5D3									613.1	-79.8	62.7	161.1	318.3
627.5	S								25.	185.	615.3	-80.3	63.3	161.2	318.5
631.2	L	07 5D									618.8	-81.1	64.2	161.3	318.8
632.6	S								80.	185.	620.1	-81.4	64.5	161.3	319.0
634.4	L	08 5D3									621.8	-81.8	65.0	161.3	319.1
636.1	L	09 5B7									623.4	-82.1	65.4	161.4	319.3
639.0	S								73.	185.	626.2	-82.7	66.1	161.4	319.6
641.0	L	10 5D3									628.1	-83.1	66.6	161.5	319.8
643.3	S				F2	S					630.2	-83.6	67.1	161.5	320.0
643.7	S								85.	185.	630.6	-83.7	67.2	161.6	320.0
644.0	L	11 5BD									630.9	-83.7	67.3	161.6	320.1
645.6	S				F2	3					632.4	-84.1	67.7	161.6	320.2
646.6	L	12 5D3									633.4	-84.3	67.9	161.6	320.3
647.3	L	13 5B7									634.0	-84.4	68.1	161.6	320.4
648.3	S				PS2	S			81.	185.	635.0	-84.6	68.3	161.7	320.5
654.4	S				PS2	S			70.	185.	640.8	-85.8	69.8	161.8	321.1
660.0	S				PS2	S			75.	185.	646.1	-86.9	71.2	162.0	321.6
664.6	S				PS2	S			70.	185.	650.5	-87.8	72.3	162.1	322.1
666.3	L	14 5D3									652.1	-88.1	72.7	162.1	322.2
666.6	S				F2	E					652.4	-88.2	72.8	162.1	322.2
668.0	L	15 5D									653.7	-88.4	73.1	162.1	322.4
669.6	S				PS2				80.	185.	655.2	-88.7	73.5	162.2	322.5
672.2	S				F2	3					657.7	-89.2	74.1	162.2	322.8
675.4	S				PS2				85.	185.	660.8	-89.8	74.9	162.3	323.1
679.4	L	16 5B7									664.6	-90.5	75.9	162.4	323.5
680.5	S				PS2				83.	185.	665.6	-90.7	76.1	162.4	323.6
680.7	L	17 5D									665.8	-90.7	76.2	162.5	323.6
685.8	S				PS2				89.	185.	670.7	-91.6	77.4	162.6	324.1
691.0	S				PS2				80.	185.	675.6	-92.5	78.7	162.7	324.6
696.0	S				PS2				78.	185.	680.4	-93.4	79.9	162.8	325.1
697.6	L	18 5D3									681.9	-93.7	80.3	162.9	325.2
700.8	S				PS2				82.	185.	685.0	-94.2	81.1	162.9	325.5

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COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
705.1	S				PS2				82.	185.	689.1	-94.9	82.1	163.0	325.9
706.5	S				F2	E					690.5	-95.1	82.4	163.1	326.1
706.8	L	19 5B7									690.7	-95.2	82.5	163.1	326.1
707.7	R										691.6	-95.3	82.7	163.1	326.2
707.8	L	20 5D3									691.7	-95.4	82.8	163.1	326.2
710.2	S				PS2				80.	185.	694.0	-95.7	83.3	163.0	325.9
714.6	S				PS2				85.	185.	698.2	-96.5	84.4	162.9	325.2
720.8	S				PS2				79.	185.	704.1	-97.5	85.9	162.8	324.4
725.9	S				PS2				86.	185.	709.0	-98.4	87.1	162.7	323.7
731.0	S				PS2				85.	185.	713.9	-99.3	88.3	162.6	323.0
736.6	S				PS2				85.	185.	719.2	-100.3	89.7	162.4	322.2
737.2	L	21 5B7									719.8	-100.5	89.8	162.4	322.1
740.2	S				PS2				74.	185.	722.6	-101.0	90.5	162.4	321.7
745.9	L	22 5D3									728.1	-102.1	91.9	162.2	320.9
745.9	S				PS2				74.	185.	728.1	-102.1	91.9	162.2	320.9
751.7	S				F2	E					733.6	-103.2	93.3	162.1	320.1
751.9	S				PS2				83.	185.	733.8	-103.3	93.3	162.1	320.1
757.2	S				PS2				90.	185.	738.8	-104.3	94.6	162.0	319.4
763.5	S				PS2				86.	185.	744.8	-105.6	96.0	161.8	318.5
767.7	S				PS2				78.	185.	748.8	-106.5	97.0	161.7	317.9
768.9	L	23 5B7									749.9	-106.7	97.3	161.7	317.8
771.6	S				PS2				77.	185.	752.5	-107.3	97.9	161.6	317.4
773.9	L	24 5D3									754.7	-107.8	98.5	161.6	317.1
775.6	L	25 5B7									756.3	-108.2	98.8	161.5	316.8
775.7	S				PS2				68.	185.	756.4	-108.2	98.9	161.5	316.8
776.1	L	26 5D3									756.8	-108.3	99.0	161.5	316.8
780.7	L	27 5B7									761.1	-109.3	100.0	161.4	316.1
781.3	S				PS2				82.	185.	761.7	-109.4	100.2	161.4	316.1
781.8	L	28 5D3									762.2	-109.5	100.3	161.4	316.0
786.7	S				PS2				60.	185.	766.8	-110.6	101.4	161.3	315.3
788.0	L	29 5B7									768.0	-110.9	101.7	161.3	315.1
790.0	L	30 5D3									769.9	-111.4	102.1	161.2	314.9
791.6	S				PS2				83.	185.	771.5	-111.7	102.5	161.2	314.6
797.7	S				PS2				73.	185.	777.2	-113.2	103.9	161.0	313.8

****
* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
799.1	R										778.5	-113.5	104.2	161.0	313.6
803.8	S				PS2				68.	185.	783.0	-114.6	105.3	161.2	313.7
809.7	S				PS2				75.	185.	788.6	-116.0	106.6	161.5	313.8
815.2	S				PS2				87.	185.	793.8	-117.2	107.8	161.7	313.9
820.3	S				PS2				87.	185.	798.7	-118.3	108.9	162.0	314.0
825.1	S				PS2				73.	185.	803.2	-119.4	109.9	162.2	314.1
831.1	S				PS2				73.	185.	808.9	-120.7	111.2	162.5	314.2
835.8	S				PS2				87.	185.	813.4	-121.7	112.1	162.7	314.2
840.4	S				PS2				85.	185.	817.8	-122.7	113.1	162.9	314.3
845.1	S				PS2				86.	185.	822.3	-123.7	114.0	163.1	314.4
851.2	S				PS2				70.	185.	828.1	-124.9	115.3	163.4	314.5
855.1	S				PS2				86.	185.	831.9	-125.7	116.1	163.6	314.6
862.3	S				PS2				80.	185.	838.8	-127.2	117.5	163.9	314.7
867.2	S				PS2				76.	185.	843.5	-128.1	118.4	164.1	314.8
871.4	S				PS2				81.	185.	847.6	-128.9	119.2	164.3	314.9
875.8	S				PS2				79.	185.	851.8	-129.8	120.1	164.5	314.9
880.3	L	31 5B7									856.1	-130.6	120.9	164.7	315.0
880.4	S				PS2				65.	185.	856.2	-130.6	120.9	164.7	315.0
881.0	L	32 5D3									856.8	-130.7	121.0	164.8	315.0
885.5	L	33 5A3									861.1	-131.6	121.9	165.0	315.1
885.6	L	34 5E2									861.2	-131.6	121.9	165.0	315.1
885.7	S				PS2				60.	185.	861.3	-131.6	121.9	165.0	315.1
886.5	L	35 5B7									862.1	-131.8	122.0	165.0	315.1
887.3	L	36 5D6									862.9	-131.9	122.2	165.0	315.1
890.1	L	37 0G6									865.6	-132.4	122.7	165.2	315.2
890.6	R										866.1	-132.5	122.8	165.2	315.2
900.5	L	38 0G0									875.7	-134.3	124.6	165.4	316.4
939.8	L	39 0G0									913.7	-140.7	131.9	166.0	321.1
951.2	L	40 0G0									924.8	-142.3	134.1	166.2	322.5
954.5	L	41 0G6									928.0	-142.8	134.7	166.3	322.9
957.6	L	42 0C6									931.0	-143.3	135.3	166.3	323.3
959.4	L	43 0C0									932.8	-143.5	135.6	166.3	323.5
959.4	S				INT						932.8	-143.5	135.6	166.3	323.5
959.5	S				PS2				60.	185.	932.9	-143.5	135.6	166.3	323.5
962.7	L	44 3D8									936.0	-144.0	136.2	166.4	323.9
967.0	L	45 0C6									940.2	-144.6	137.1	166.5	324.4
967.1	S				PS2				60.	185.	940.2	-144.6	137.1	166.5	324.4
967.5	L	46 3D8									940.6	-144.6	137.1	166.5	324.5

****
* DDH: 77X08R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
968.9	L	47 0C0									942.0	-144.8	137.4	166.5	324.7
970.0	L	48 3D4									943.1	-145.0	137.6	166.5	324.8
971.2	L	49 0C0									944.2	-145.1	137.9	166.5	324.9
972.3	S				PS2				58.	185.	945.3	-145.3	138.1	166.5	325.1
975.1	L	50 3D8									948.0	-145.7	138.6	166.6	325.4
975.3	L	51 0E8									948.2	-145.7	138.6	166.6	325.4
977.2	L	52 3D4									950.1	-145.9	139.0	166.6	325.7
977.6	L	53 3D4									950.5	-146.0	139.1	166.6	325.7
977.8	L	53 3D4									950.7	-146.0	139.1	166.6	325.7
978.0	L	54 0C0									950.8	-146.0	139.2	166.6	325.8
979.0	S				PS2				70.	185.	951.8	-146.2	139.3	166.7	325.9
979.1	L	53 3D4									951.9	-146.2	139.4	166.7	325.9
981.1	L	54 0C0									953.9	-146.4	139.7	166.7	326.1
981.4	L	55 3D4									954.2	-146.5	139.8	166.7	326.2
981.7	L	56 0C0									954.4	-146.5	139.9	166.7	326.2
981.7	R										954.4	-146.5	139.9	166.7	326.2
983.5	S				PS2				85.	185.	956.2	-146.7	140.2	166.9	325.0
984.6	L	57 3D4									957.3	-146.9	140.4	166.9	324.3
991.2	L	58 0C0									963.7	-147.8	141.6	167.5	320.0
991.2	R										963.7	-147.8	141.6	167.5	320.0

FINISHED -- LENGTH = 991.20 METERS ENTRIES = 414

DRILLHOLE: 77X-09 -- REGRESSION CORRECTIONS -- NEW DHID = 77X09R

DDH-DEPTH	TYPE	ORIGINAL SINGLE-SHOT DATA Z	X	Y	ZA	AZ	PREDICTED SPERRY SUN DATA Z	X	Y	ZA	AZ
0.	R	0.	0.	0.	180.0	0.	.1	-1.1	-1.6	180.0	0.
115.8	R	115.7	-.4	3.5	176.5	351.0	115.6	-1.6	1.8	175.5	358.4
189.0	R	188.7	-2.8	8.3	175.0	318.0	188.5	-4.5	6.0	174.8	317.4
262.1	R	261.2	-9.5	15.1	170.0	313.0	260.7	-12.2	11.4	168.7	304.0
335.3	R	333.0	-18.4	26.1	167.6	328.0	332.3	-22.5	20.4	168.4	313.6
396.2	R	392.0	-26.3	38.7	164.0	328.0	391.0	-31.8	31.1	164.7	317.4
457.2	R	450.6	-32.9	54.1	164.0	346.0	449.3	-39.6	45.0	164.3	341.7
518.0	R	508.8	-36.9	71.5	162.0	348.0	507.1	-44.6	61.3	163.1	343.5
600.4	R	586.2	-42.0	99.2	158.0	351.0	583.9	-51.1	87.5	160.3	347.2
679.7	R	658.6	-43.9	131.3	154.0	2.0	655.7	-54.2	118.8	158.5	358.4
752.8	R	725.4	-43.6	161.0	158.0	359.0	721.9	-54.6	148.1	160.0	358.4
826.0	R	794.5	-49.3	184.2	163.5	332.0	790.6	-61.7	169.8	162.8	320.8
836.0	R	804.1	-50.7	186.7	163.5	332.0	800.1	-63.3	171.9	165.2	323.4

CALCULATION OF PREDICTED DRILLHOLE DATA COMPLETED

NRFD = 340 NRTD = 434 NROUT = 341

DRILLHOLE: 77X09R

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                                                                                I                                                                               I
                                                                               2I                                                                              4I
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                                                                               2I                                                                             43I
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                                                                              21I                                                                             4I
                                                                                I                                                                               I
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                                                                               2 I                                                                             4I
 STOP
SRU'S:23.6
!
!*
!EQUATE,DROP
!EQUATE 1 77X09R.FD
!DEFINE 77X09R.TD KEY:
!EQUATE 2 77X09R.TD
!DDHCOR.DH
```

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**************************
*      DDH:  77X09R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320247.0  NORTH: 22647561.0
                      ELEV:     1081.4


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X09R  01081.42264756100320247 METERS
     2   R77X09R        0        180.0    0.  PREDICTED
     3   R77X09R     1158        175.5  358.4 PREDICTED
     4   R77X09R     1890        174.8  317.4 PREDICTED
     5   R77X09R     2621        168.7  304.0 PREDICTED
     6   R77X09R     3353        168.4  313.6 PREDICTED
     7   R77X09R     3962        164.7  317.4 PREDICTED
     8   R77X09R     4572        164.3  341.7 PREDICTED
     9   R77X09R     5180        163.1  343.5 PREDICTED
    10   R77X09R     6004        160.3  347.2 PREDICTED
    11   R77X09R     6797        158.5  358.4 PREDICTED
    12   R77X09R     7528        160.0  358.4 PREDICTED
    13   R77X09R     8260        162.8  320.8 PREDICTED
    14   R77X09R     8360        165.2  323.4 PREDICTED
    15   L77X09R  00000 00033 01 #
    16   L77X09R  00033 00570 02 5B6
    17   L77X09R  00570 00653 03 5B0
    18   L77X09R  00653 00668 04 5B0
    19   L77X09R  00668 00713 05 5B0
    20   L77X09R  00713 00969 06 5B6
    21   L77X09R  00969 01023 07 5D3
    22   L77X09R  01023 01047 08 5B6
    23   L77X09R  01047 01103 09 5D3
    24   L77X09R  01103 01251 10 5D3
    25   L77X09R  01251 01464 11 5B6
    26   L77X09R  01464 01543 12 5D3
    27   L77X09R  01543 01839 13 5D3
    28   L77X09R  01839 01952 14 5B7
    29   L77X09R  01952 02029 15 5D3
    30   L77X09R  02029 02110 16 5B6
    31   L77X09R  02110 04041 17 5B7
    32   L77X09R  04041 04278 18 5D0
    33   L77X09R  04278 04316 19 5D3
    34   L77X09R  04316 04853 20 5D3
    35   L77X09R  04853 04946 21 5B7
    36   L77X09R  04946 04954 22 0C6
         1.....1.....2.....3.....4.....5.....6.....7.....8
              0     0     0     0     0     0     0     0
```

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L77X09R 04954 04961 23 0C7
   38 L77X09R 04961 05037 24 0C6
   39 L77X09R 05037 05101 25 0C7
   40 L77X09R 05101 05151 26 0C6
   41 L77X09R 05151 05184 27 0C7
   42 L77X09R 05184 05215 28 0C6
   43 L77X09R 05215 05238 29 3C7
   44 L77X09R 05238 05264 30 3C7
   45 L77X09R 05264 05347 31 5D3
   46 L77X09R 05347 05444 32 5D3
   47 L77X09R 05444 05448 33 5A3
   48 L77X09R 05448 05459 34 5B2
   49 L77X09R 05459 05464 35 5A3
   50 L77X09R 05464 05481 36 5B0
   51 L77X09R 05481 05505 37 5B3
   52 L77X09R 05505 05509 38 5B7
   53 L77X09R 05509 06191 39 5D3
   54 L77X09R 06191 06198 40 5B7
   55 L77X09R 06198 06221 41 5D3
   56 L77X09R 06221 06255 42 5B7
   57 L77X09R 06255 06541 43 4A0
   58 L77X09R 06541 06547 44 4L1
   59 L77X09R 06547 06552 45 4A0
   60 L77X09R 06552 06555 46 4L1
   61 L77X09R 06555 06563 47 4A0
   62 L77X09R 06563 06567 48 4LA
   63 L77X09R 06567 06589 49 4A0
   64 L77X09R 06589 06592 50 4B7
   65 L77X09R 06592 06598 51 5D6
   66 L77X09R 06598 06629 52 5C6
   67 L77X09R 06629 06639 53 5D6
   68 L77X09R 06639 06663 54 4A7
   69 L77X09R 06663 06720 55 5B4
   70 L77X09R 06720 06779 56 5B7
   71 L77X09R 06779 06785 57 4A7
   72 L77X09R 06785 06795 58 5C3
   73 L77X09R 06795 06804 59 5D3
   74 L77X09R 06804 06809 60 4B7
   75 L77X09R 06809 06811 61 4A7
   76 L77X09R 06811 06815 62 4B7
   77 L77X09R 06815 06837 63 5D3
   78 L77X09R 06837 06913 64 4L0
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
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****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 79   L77X09R  06913 06957 65 4L1
 80   L77X09R  06957 06970 66 4A7
 81   L77X09R  06970 06978 67 5B6
 82   L77X09R  06978 06996 68 4A7
 83   L77X09R  06996 07012 69 4A0
 84   L77X09R  07012 07016 70 4A0
 85   L77X09R  07016 07023 71 4A0
 86   L77X09R  07023 07048 72 4C4
 87   L77X09R  07048 07053 73 4K0
 88   L77X09R  07053 07060 74 4H1
 89   L77X09R  07060 07294 75 5A1
 90   L77X09R  07294 07357 76 3G0
 91   L77X09R  07357 07384 77 0Q0
 92   L77X09R  07384 08028 78 3G0
 93   L77X09R  08028 08090 79 4L7
 94   L77X09R  08090 08094 80 4L7
 95   L77X09R  08094 08360    3G0
 96   S77X09R         00040 PS2          87185
 97   S77X09R         00091 PS2          85185
 98   S77X09R         00140 PS2          75185
 99   S77X09R         00146  F2 E
100   S77X09R         00170  F2 3
101   S77X09R         00220 PS2          83185
102   S77X09R         00260 PS2          82185
103   S77X09R         00320 PS2          73185
104   S77X09R         00366 PS2          73185
105   S77X09R         00418 PS2          82185
106   S77X09R         00460 PS2          70185
107   S77X09R         00508 PS2          80185
108   S77X09R         00550 PS2          83185
109   S77X09R         00617 PS2          65185
110   S77X09R         00680 PS2          61185
111   S77X09R         00736 PS2          80185
112   S77X09R         00789 PS2          87185
113   S77X09R         00835 PS2          72185
114   S77X09R         00899 PS2          76185
115   S77X09R         00970  F2 E
116   S77X09R         01035 PS2          72185
117   S77X09R         01065  F2 3
118   S77X09R         01082 PS2          68185
119   S77X09R         01083  F2 E
120   S77X09R         01130  F2 3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S77X09R	01133	PS2	80185
122	S77X09R	01183	PS2	83185
123	S77X09R	01230	PS2	69185
124	S77X09R	01294	PS2	70185
125	S77X09R	01350	PS2	65185
126	S77X09R	01395	PS2	82185
127	S77X09R	01430	F2 E	
128	S77X09R	01435	PS2	87185
129	S77X09R	01464	F2 3	
130	S77X09R	01483	PS2	70185
131	S77X09R	01526	PS2	80185
132	S77X09R	01576	PS2	75185
133	S77X09R	01627	PS2	85185
134	S77X09R	01683	PS2	85185
135	S77X09R	01733	PS2	85185
136	S77X09R	01778	PS2	85185
137	S77X09R	01822	PS2	80185
138	S77X09R	01879	PS2	84185
139	S77X09R	01928	PS2	89185
140	S77X09R	01976	PS2	88185
141	S77X09R	02015	F2 E	
142	S77X09R	02030	PS2	77185
143	S77X09R	02080	PS2	69185
144	S77X09R	02118	F2 3	
145	S77X09R	02121	PS2	85185
146	S77X09R	02152	F2 E	
147	S77X09R	02166	PS2	73185
148	S77X09R	02197	F2 3	
149	S77X09R	02217	PS2	78185
150	S77X09R	02230	F2 E	
151	S77X09R	02241	PS2	79185
152	S77X09R	02262	F2 3	
153	S77X09R	02295	PS2	79185
154	S77X09R	02331	PS2	73185
155	S77X09R	02386	PS2	80185
156	S77X09R	02436	PS2	83185
157	S77X09R	02487	PS2	83185
158	S77X09R	02536	PS2	80185
159	S77X09R	02577	PS2	55185
160	S77X09R	02625	PS2	88185
161	S77X09R	02670	PS2	75185
162	S77X09R	02716	PS2	73185

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 S77X09R       02729  F2 E
  164 S77X09R       02759 PS2          70185
  165 S77X09R       02762  F2 3
  166 S77X09R       02816 PS2          76185
  167 S77X09R       02850  F2 E
  168 S77X09R       02862 PS2          68185
  169 S77X09R       02877  F2 3
  170 S77X09R       02900 PS2          80185
  171 S77X09R       02944 PS2          85185
  172 S77X09R       03001 PS2          74185
  173 S77X09R       03054 PS2          70185
  174 S77X09R       03106 PS2          72185
  175 S77X09R       03160 PS2          63185
  176 S77X09R       03200  F2 E
  177 S77X09R       03218 PS2          73185
  178 S77X09R       03249 PS2          77185
  179 S77X09R       03252      3
  180 S77X09R       03309 PS2          77185
  181 S77X09R       03351 PS2          80185
  182 S77X09R       03401 PS2          83185
  183 S77X09R       03460 PS2          83185
  184 S77X09R       03508 PS2          81185
  185 S77X09R       03554 PS2          76185
  186 S77X09R       03603  F2 E
  187 S77X09R       03620 PS2          87185
  188 S77X09R       03625  F2 3
  189 S77X09R       03670 PS2          83185
  190 S77X09R       03722 PS2          75185
  191 S77X09R       03782 PS2          78185
  192 S77X09R       03843 PS2          85185
  193 S77X09R       03844  F2 E
  194 S77X09R       03875  F2 3
  195 S77X09R       03886 PS2          77185
  196 S77X09R       03953 PS2          85185
  197 S77X09R       04015 PS2          84185
  198 S77X09R       04058 PS2          84185
  199 S77X09R       04103 PS2          72185
  200 S77X09R       04149 PS2          76185
  201 S77X09R       04194 PS2          68185
  202 S77X09R       04250 PS2          57185
  203 S77X09R       04313 PS2          66185
  204 S77X09R       04372 PS2          76185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205 S77X09R         04407 PS2         73185
  206 S77X09R         04453 PS2         88185
  207 S77X09R         04501 PS2         67185
  208 S77X09R         04558 PS2         87185
  209 S77X09R         04605 PS2         81185
  210 S77X09R         04651 PS2         76185
  211 S77X09R         04695 PS2         74185
  212 S77X09R         04722  F2 E
  213 S77X09R         04743 PS2         69185
  214 S77X09R         04750  F2 3
  215 S77X09R         04804 PS2         81185
  216 S77X09R         05277 CS2         66185
  217 S77X09R         05352 PS2         90185
  218 S77X09R         05413 CS2         85185
  219 S77X09R         05459 CS2 E
  220 S77X09R         05474 CS2         85185
  221 S77X09R         05494 CS2 3
  222 S77X09R         05535 CS2         80185
  223 S77X09R         05596 CS2         85185
  224 S77X09R         05657 CS2         85185
  225 S77X09R         05718 CS2         87185
  226 S77X09R         05779 CS2         85185
  227 S77X09R         05840 CS2         60185
  228 S77X09R         05858 CS2 E
  229 S77X09R         05871 CS2         85185
  230 S77X09R         05889 CS2 3
  231 S77X09R         05931 CS2         86185
  232 S77X09R         05992 CS2         75185
  233 S77X09R         06053 CS2         85185
  234 S77X09R         06072 CS2 E
  235 S77X09R         06084 CS2         70185
  236 S77X09R         06090 CS2 3
  237 S77X09R         06145 CS2         78185
  238 S77X09R         06206 CS2         80185
  239 S77X09R         06221 CS2 S
  240 S77X09R         06236 PS2         70185
  241 S77X09R         06252 CS2 S
  242 S77X09R         06268 CS2         80185
  243 S77X09R         06328 CS2         78185
  244 S77X09R         06383 CS2 E       83185
  245 S77X09R         06420 CS2         90185
  246 S77X09R         06450 CS2         87185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

247	S77X09R	06470	CS2	E	
248	S77X09R	06495	CS2		68185
249	S77X09R	06519		3	
250	S77X09R	06535	CS2		70185
251	S77X09R	06545		E	
252	S77X09R	06555	CS2		75185
253	S77X09R	06577		3	
254	S77X09R	06605	CS2		70185
255	S77X09R	06673	CS2		83185
256	S77X09R	06702		S	
257	S77X09R	06724	PS2		75185
258	S77X09R	06740		S	
259	S77X09R	06785	CS2		65185
260	S77X09R	06851	CS2		80185
261	S77X09R	06873		E	
262	S77X09R	06885	CS2		80185
263	S77X09R	06912		3	
264	S77X09R	06935	W	E	
265	S77X09R	06940	CS2		55185
266	S77X09R	06998	CS2		72185
267	S77X09R	07017		Z	
268	S77X09R	07055	PS2		69185
269	S77X09R	07061		Z	
270	S77X09R	07102	CS2		78185
271	S77X09R	07150	CS2		60185
272	S77X09R	07211	CS2		70185
273	S77X09R	07240		3	
274	S77X09R	07303	CS2		75185
275	S77X09R	07364	CS2		80185
276	S77X09R	07425	CS2		80185
277	S77X09R	07486	CS2		55185
278	S77X09R	07547	CS2		73185
279	S77X09R	07607	CS2		58185
280	S77X09R	07660	CS2		70185
281	S77X09R	07730	CS2		65185
282	S77X09R	07760	CS2		83185
283	S77X09R	07821	CS2		70185
284	S77X09R	07880	CS2		68185
285	S77X09R	07945	CS2		85185
286	S77X09R	07985		E	
287	S77X09R	08035	CS2		75185
288	S77X09R	08095			74185

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  289  S77X09R          08104     E
  290  S77X09R          08178 CS2           65185
  291  S77X09R          08214 CS2           70185
  292  S77X09R          08278 CS2           80185
  293  P77X09R  06255 06275 002501
  294  P77X09R  06275 06295 002502
  295  P77X09R  06295 06315 002503
  296  P77X09R  06315 06335 002504
  297  P77X09R  06335 06355 002505
  298  P77X09R  06355 06375 002506
  299  P77X09R  06375 06395 002507
  300  P77X09R  06395 06415 002508
  301  P77X09R  06415 06435 002509
  302  P77X09R  06435 06455 002510
  303  P77X09R  06455 06475 002511
  304  P77X09R  06475 06495 002512
  305  P77X09R  06495 06515 002513
  306  P77X09R  06515 06535 002514
  307  P77X09R  06535 06555 002515
  308  P77X09R  06555 06575 002516
  309  P77X09R  06575 06592 002517
  310  P77X09R  06957 06978 002518
  311  P77X09R  06978 06996 002519
  312  P77X09R  06996 07016 002520
  313  P77X09R  07016 07032 002521
  314  P77X09R  07032 07048 002522
  315  P77X09R  07048 07060 002523
  316  A77X09R  625.5627.5   2501 2.0   612 0352  817 1169 -.5.034-.5 -.5 -.5 -.5 -
  317  A77X09R  627.5629.5   2502 2.0   417 0251  486  737 -.5.025-.5 -.5 -.5 -.5 -
  318  A77X09R  629.5631.5   2503 2.0   519 0258  496  754 -.5.021-.5 -.5 -.5 -.5 -
  319  A77X09R  631.5633.5   2504 2.0   453 0257  571  828 -.5.022-.5 -.5 -.5 -.5 -
  320  A77X09R  633.5635.5   2505 2.0   377 0263  379  642 -.5.026-.5 -.5 -.5 -.5 -
  321  A77X09R  635.5637.5   2506 2.0   311 0174  431  605 -.5.015-.5 -.5 -.5 -.5 -
  322  A77X09R  637.5639.5   2507 2.0   319 0218  392  610 -.5.016-.5 -.5 -.5 -.5 -
  323  A77X09R  639.5641.5   2508 2.0   317 0211  409  620 -.5.048-.5 -.5 -.5 -.5 -
  324  A77X09R  641.5643.5   2509 2.0   312 0193  386  579 -.5.051-.5 -.5 -.5 -.5 -
  325  A77X09R  643.5645.5   2510 2.0   279 0179  418  597 -.5.031-.5 -.5 -.5 -.5 -
  326  A77X09R  645.5647.5   2511 2.0   300 0181  386  567 -.5.034-.5 -.5 -.5 -.5 -
  327  A77X09R  647.5649.5   2512 2.0   311 0188  434  622 -.5.030-.5 -.5 -.5 -.5 -
  328  A77X09R  649.5651.5   2513 2.0   420 0258  384  642 -.5.050-.5 -.5 -.5 -.5 -
  329  A77X09R  651.5653.5   2514 2.0   129 0080  127  207 -.5.032-.5 -.5 -.5 -.5 -
  330  A77X09R  653.5655.5   2515 2.0   164 0098  141  239 -.5.037-.5 -.5 -.5 -.5 -
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X09R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.
  331  A77X09R  655.5657.5   2516 2.0    209 0134  192  326 -.5.057-.5 -.5 -.5 -.5 -
  332  A77X09R  657.5659.2   2517 1.7    212 0134  233  367 -.5.065-.5 -.5 -.5 -.5 -
  333  A77X09R  695.7697.8   2518 2.1    196 0111  198  309 -.5.040-.5 -.5 -.5 -.5 -
  334  A77X09R  697.8699.6   2519 1.8    269 0161  322  483 -.5.050-.5 -.5 -.5 -.5 -
  335  A77X09R  699.6701.6   2520 2.0    540 0269  433  702 -.5.059-.5 -.5 -.5 -.5 -
  336  A77X09R  701.6703.2   2521 1.6    298 0181  250  431 -.5.150-.5 -.5 -.5 -.5 -
  337  A77X09R  703.2704.8   2522 1.6    805 0560  681 1241 -.5.150-.5 -.5 -.5 -.5 -
  338  A77X09R  704.8706.0   2523 1.2   1330 0714 1160 1874 -.5.180-.5 -.5 -.5 -.5 -
  339  A77X09R  802.8804.8  02524 2.0   0058 0048 0042   90 -.50.07-.5 -.5 -.5 -.5 -
  340  A77X09R  804.8806.8  02525 2.0   0067 0066 0092  158 -.50.05-.5 -.5 -.5 -.5 -
  341  A77X09R  806.8809.0  02526 2.2   0045 0030 0248  278 -.50.13-.5 -.5 -.5 -.5 -
         1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

DDH: 77X09R -- SUMMARY OF DATA INPUT

RECORDS READ = 341   RELEASED TO SORT 434
TYPE-L = 81
TYPE-P = 23
TYPE-R = 13
TYPE-S = 197
TYPE-X = 41
TYPE-A = 52
TYPE-V = 26   (GENERATED TO DEPTH: 820.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 836.0 METERS

****
* DDH: 77X09R *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320247.0 NORTH: 22647561.0
ELEV: 1081.4

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1	--	DEPTH:	0.	- 115.80	METERS
		ZENITH ANG:	180.00	- 175.50	
		AZIMUTH:	0.	- 358.40	
BOREHOLE SECTION 2	--	DEPTH:	115.80	- 189.00	METERS
		ZENITH ANG:	175.50	- 174.80	
		AZIMUTH:	358.40	- 317.40	
BOREHOLE SECTION 3	--	DEPTH:	189.00	- 262.10	METERS
		ZENITH ANG:	174.80	- 168.70	
		AZIMUTH:	317.40	- 304.00	
BOREHOLE SECTION 4	--	DEPTH:	262.10	- 335.30	METERS
		ZENITH ANG:	168.70	- 168.40	
		AZIMUTH:	304.00	- 313.60	
BOREHOLE SECTION 5	--	DEPTH:	335.30	- 396.20	METERS
		ZENITH ANG:	168.40	- 164.70	
		AZIMUTH:	313.60	- 317.40	
BOREHOLE SECTION 6	--	DEPTH:	396.20	- 457.20	METERS
		ZENITH ANG:	164.70	- 164.30	
		AZIMUTH:	317.40	- 341.70	
BOREHOLE SECTION 7	--	DEPTH:	457.20	- 518.00	METERS
		ZENITH ANG:	164.30	- 163.10	
		AZIMUTH:	341.70	- 343.50	
BOREHOLE SECTION 8	--	DEPTH:	518.00	- 600.40	METERS
		ZENITH ANG:	163.10	- 160.30	
		AZIMUTH:	343.50	- 347.20	
BOREHOLE SECTION 9	--	DEPTH:	600.40	- 679.70	METERS
		ZENITH ANG:	160.30	- 158.50	
		AZIMUTH:	347.20	- 358.40	
BOREHOLE SECTION 10	--	DEPTH:	679.70	- 752.80	METERS
		ZENITH ANG:	158.50	- 160.00	
		AZIMUTH:	358.40	- 358.40	
BOREHOLE SECTION 11	--	DEPTH:	752.80	- 826.00	METERS
		ZENITH ANG:	160.00	- 162.80	

AZIMUTH: 358.40 - 320.80

BOREHOLE SECTION 12 -- DEPTH: 826.00 - 836.00 METERS
ZENITH ANG: 162.80 - 165.20
AZIMUTH: 320.80 - 323.40

FINISHED -- BOREHOLE LENGTH = 836.00 METERS
FILE SIZE = 434

****
* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.3	L	01 #									3.3	-.0	.0	179.9	360.0
4.0	S				PS2				87.	185.	4.0	.0	.0	179.8	359.9
9.1	S				PS2				85.	185.	9.1	-.0	.0	179.6	359.9
14.0	S				PS2				75.	185.	14.0	-.0	.1	179.5	359.8
14.6	S				F2	E					14.6	-.0	.1	179.4	359.8
17.0	S				F2	3					17.0	-.0	.1	179.3	359.8
22.0	S				PS2				83.	185.	22.0	-.0	.2	179.1	359.7
26.0	S				PS2				82.	185.	26.0	-.0	.2	179.0	359.6
32.0	S				PS2				73.	185.	32.0	-.0	.3	178.8	359.6
36.6	S				PS2				73.	185.	36.6	-.0	.5	178.6	359.5
41.8	S				PS2				82.	185.	41.8	-.0	.6	178.4	359.4
46.0	S				PS2				70.	185.	46.0	-.0	.7	178.2	359.4
50.8	S				PS2				80.	185.	50.8	-.0	.9	178.0	359.3
55.0	S				PS2				83.	185.	55.0	-.0	1.0	177.9	359.2
57.0	L	02 5B6									57.0	-.0	1.1	177.8	359.2
61.7	S				PS2				65.	185.	61.7	-.0	1.3	177.6	359.1
65.3	L	03 5B0									65.3	-.0	1.4	177.5	359.1
66.8	L	04 5B0									66.8	-.0	1.5	177.4	359.1
68.0	S				PS2				61.	185.	68.0	-.0	1.6	177.4	359.1
71.3	L	05 5B0									71.3	-.0	1.7	177.2	359.0
73.6	S				PS2				80.	185.	73.6	-.0	1.8	177.1	359.0
78.9	S				PS2				87.	185.	78.9	-.0	2.1	176.9	358.9
83.5	S				PS2				72.	185.	83.5	-.0	2.4	176.8	358.8
89.9	S				PS2				76.	185.	89.8	-.0	2.7	176.5	358.8
96.9	L	06 5B6									96.8	-.0	3.2	176.2	358.7
97.0	S				F2	E					96.9	-.0	3.2	176.2	358.7
102.3	L	07 5D3									102.2	-.1	3.5	176.0	358.6
103.5	S				PS2				72.	185.	103.4	-.1	3.6	176.0	358.6
104.7	L	08 5B6									104.6	-.1	3.7	175.9	358.6
106.5	S				F2	3					106.4	-.1	3.8	175.9	358.5
108.2	S				PS2				68.	185.	108.1	-.1	4.0	175.8	358.5
108.3	S				F2	E					108.2	-.1	4.0	175.8	358.5
110.3	L	09 5D3									110.2	-.1	4.1	175.7	358.5
113.0	S				F2	3					112.9	-.1	4.3	175.6	358.4
113.3	S				PS2				80.	185.	113.2	-.1	4.4	175.6	358.4

****
* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
115.8	R										115.7	-.1	4.5	175.5	358.4
118.3	S				PS2				83.	185.	118.2	-.1	4.7	175.5	357.0
123.0	S				PS2				69.	185.	122.9	-.1	5.1	175.4	354.4
125.1	L	10 SD3									125.0	-.1	5.3	175.4	353.2
129.4	S				PS2				70.	185.	129.2	-.2	5.6	175.4	350.8
135.0	S				PS2				65.	185.	134.8	-.3	6.1	175.3	347.6
139.5	S				PS2				82.	185.	139.3	-.4	6.4	175.3	345.1
143.0	S				F2	E					142.8	-.4	6.7	175.2	343.2
143.5	S				PS2				87.	185.	143.3	-.4	6.7	175.2	342.9
146.4	L	11 SB6									146.2	-.5	7.0	175.2	341.3
146.4	S				F2	3					146.2	-.5	7.0	175.2	341.3
148.3	S				PS2				70.	185.	148.1	-.6	7.1	175.2	340.2
152.6	S				PS2				80.	185.	152.4	-.7	7.5	175.1	337.8
154.3	L	12 SD3									154.1	-.8	7.6	175.1	336.8
157.6	S				PS2				75.	185.	157.3	-.9	7.9	175.1	335.0
162.7	S				PS2				85.	185.	162.4	-1.1	8.2	175.1	332.1
168.3	S				PS2				85.	185.	168.0	-1.3	8.7	175.0	329.0
173.3	S				PS2				85.	185.	173.0	-1.5	9.0	175.0	326.2
177.8	S				PS2				85.	185.	177.5	-1.8	9.4	174.9	323.7
182.2	S				PS2				80.	185.	181.8	-2.0	9.7	174.9	321.2
183.9	L	13 SD3									183.5	-2.1	9.8	174.8	320.3
187.9	S				PS2				84.	185.	187.5	-2.3	10.1	174.8	318.0
189.0	R										188.6	-2.4	10.1	174.8	317.4
192.8	S				PS2				89.	185.	192.4	-2.7	10.4	174.5	316.7
195.2	L	14 SB7									194.8	-2.8	10.6	174.3	316.3
197.6	S				PS2				88.	185.	197.2	-3.0	10.7	174.1	315.8
201.5	S				F2	E					201.1	-3.3	11.0	173.8	315.1
202.9	L	15 SD3									202.4	-3.4	11.1	173.6	314.9
203.0	S				PS2				77.	185.	202.5	-3.4	11.2	173.6	314.8
208.0	S				PS2				69.	185.	207.5	-3.8	11.6	173.2	313.9
211.0	L	16 SB6									210.5	-4.1	11.8	173.0	313.4
211.8	S				F2	3					211.3	-4.1	11.9	172.9	313.2
212.1	S				PS2				85.	185.	211.6	-4.2	11.9	172.9	313.2
215.2	S				F2	E					214.7	-4.4	12.2	172.6	312.6
216.6	S				PS2				73.	185.	216.0	-4.6	12.3	172.5	312.3
219.7	S				F2	3					219.1	-4.9	12.6	172.2	311.8
221.7	S				PS2				78.	185.	221.1	-5.1	12.7	172.1	311.4
223.0	S				F2	E					222.4	-5.2	12.9	172.0	311.2

****
* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
224.1	S				PS2				79.	185.	223.5	-5.3	13.0	171.9	311.0
226.2	S				F2	3					225.6	-5.6	13.2	171.7	310.6
229.5	S				PS2				79.	185.	228.8	-5.9	13.5	171.4	310.0
233.1	S				PS2				73.	185.	232.4	-6.4	13.8	171.1	309.3
238.6	S				PS2				80.	185.	237.8	-7.0	14.4	170.7	308.3
243.6	S				PS2				83.	185.	242.7	-7.7	14.9	170.2	307.4
248.7	S				PS2				83.	185.	247.8	-8.4	15.4	169.8	306.5
253.6	S				PS2				80.	185.	252.6	-9.1	15.9	169.4	305.6
257.7	S				PS2				55.	185.	256.6	-9.7	16.4	169.1	304.8
262.1	R										260.9	-10.4	16.8	168.7	304.0
262.5	S				PS2				88.	185.	261.3	-10.5	16.9	168.7	304.1
267.0	S				PS2				75.	185.	265.7	-11.2	17.4	168.7	304.6
271.6	S				PS2				73.	185.	270.2	-12.0	17.9	168.7	305.2
272.9	S				F2	E					271.5	-12.2	18.1	168.7	305.4
275.9	S				PS2				70.	185.	274.5	-12.7	18.4	168.6	305.8
276.2	S				F2	3					274.8	-12.7	18.4	168.6	305.8
281.6	S				PS2				76.	185.	280.0	-13.6	19.1	168.6	306.6
285.0	S				F2	E					283.4	-14.1	19.5	168.6	307.0
286.2	S				PS2				68.	185.	284.6	-14.3	19.6	168.6	307.2
287.7	S				F2	3					286.0	-14.5	19.8	168.6	307.4
290.0	S				PS2				80.	185.	288.3	-14.9	20.1	168.6	307.7
294.4	S				PS2				85.	185.	292.6	-15.6	20.6	168.6	308.2
300.1	S				PS2				74.	185.	298.2	-16.5	21.3	168.5	309.0
305.4	S				PS2				70.	185.	303.4	-17.3	22.0	168.5	309.7
310.6	S				PS2				72.	185.	308.5	-18.1	22.6	168.5	310.4
316.0	S				PS2				63.	185.	313.8	-18.9	23.3	168.5	311.1
320.0	S				F2	E					317.7	-19.5	23.9	168.5	311.6
321.8	S				PS2				73.	185.	319.4	-19.8	24.1	168.5	311.8
324.9	S				PS2				77.	185.	322.5	-20.2	24.5	168.4	312.2
325.2	S					3					322.8	-20.3	24.6	168.4	312.3
330.9	S				PS2				77.	185.	328.4	-21.1	25.3	168.4	313.0
335.1	S				PS2				80.	185.	332.5	-21.7	25.9	168.4	313.6
335.3	R										332.7	-21.7	25.9	168.4	313.6
340.1	S				PS2				83.	185.	337.4	-22.5	26.6	168.1	313.9
346.0	S				PS2				83.	185.	343.1	-23.3	27.5	167.7	314.3
350.8	S				PS2				81.	185.	347.8	-24.1	28.2	167.5	314.6
355.4	S				PS2				76.	185.	352.3	-24.8	28.9	167.2	314.9
360.3	S				F2	E					357.1	-25.6	29.7	166.9	315.2

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* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
362.0	S				PS2				87.	185.	358.7	-25.8	30.0	166.8	315.3
362.5	S				F2	3					359.2	-25.9	30.0	166.7	315.3
367.0	S				PS2				83.	185.	363.6	-26.7	30.8	166.5	315.6
372.2	S				PS2				75.	185.	368.7	-27.5	31.7	166.2	315.9
378.2	S				PS2				78.	185.	374.5	-28.5	32.7	165.8	316.3
384.3	S				PS2				85.	185.	380.4	-29.6	33.8	165.4	316.7
384.4	S				F2	E					380.5	-29.6	33.8	165.4	316.7
387.5	S				F2	3					383.5	-30.1	34.4	165.2	316.9
388.6	S				PS2				77.	185.	384.6	-30.3	34.6	165.2	316.9
395.3	S				PS2				85.	185.	391.0	-31.5	35.9	164.8	317.3
396.2	R										391.9	-31.7	36.1	164.7	317.4
401.5	S				PS2				84.	185.	397.0	-32.6	37.1	164.7	319.5
404.1	L	17 5B7									399.5	-33.0	37.6	164.6	320.5
405.8	S				PS2				84.	185.	401.1	-33.3	38.0	164.6	321.2
410.3	S				PS2				72.	185.	405.5	-34.0	38.9	164.6	323.0
414.9	S				PS2				76.	185.	409.9	-34.8	39.9	164.6	324.8
419.4	S				PS2				68.	185.	414.3	-35.4	40.9	164.5	326.6
425.0	S				PS2				57.	185.	419.7	-36.2	42.2	164.5	328.9
427.8	L	18 5D0									422.4	-36.6	42.8	164.5	330.0
431.3	S				PS2				66.	185.	425.7	-37.1	43.6	164.5	331.4
431.6	L	19 5D3									426.0	-37.1	43.7	164.5	331.5
437.2	S				PS2				76.	185.	431.4	-37.8	45.0	164.4	333.7
440.7	S				PS2				73.	185.	434.8	-38.2	45.9	164.4	335.1
445.3	S				PS2				88.	185.	439.2	-38.7	47.0	164.4	337.0
450.1	S				PS2				67.	185.	443.8	-39.2	48.2	164.3	338.9
455.8	S				PS2				87.	185.	449.3	-39.7	49.7	164.3	341.1
457.2	R										450.7	-39.8	50.0	164.3	341.7
460.5	S				PS2				81.	185.	453.8	-40.1	50.9	164.2	341.8
465.1	S				PS2				76.	185.	458.3	-40.5	52.1	164.1	341.9
469.5	S				PS2				74.	185.	462.5	-40.9	53.2	164.1	342.1
472.2	S				F2	E					465.1	-41.1	53.9	164.0	342.1
474.3	S				PS2				69.	185.	467.1	-41.3	54.5	164.0	342.2
475.0	S				F2	3					467.8	-41.3	54.6	163.9	342.2
480.4	S				PS2				81.	185.	473.0	-41.8	56.1	163.8	342.4
485.3	L	20 5D3									477.7	-42.2	57.4	163.7	342.5
494.6	L	21 5B7									486.6	-43.0	59.9	163.6	342.8
495.4	L	22 0C6									487.4	-43.1	60.1	163.5	342.8
496.1	L	23 0C7									488.0	-43.1	60.3	163.5	342.9

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
503.7	L	24 0C6									495.3	-43.8	62.3	163.4	343.1
510.1	L	25 0C7									501.5	-44.3	64.1	163.3	343.3
515.1	L	26 0C6									506.3	-44.7	65.5	163.2	343.4
518.0	R										509.0	-44.9	66.3	163.1	343.5
518.4	L	27 0C7									509.4	-45.0	66.4	163.1	343.5
521.5	L	28 0C6									512.4	-45.2	67.3	163.0	343.7
523.8	L	29 3C7									514.6	-45.4	67.9	162.9	343.8
526.4	L	30 3C7									517.1	-45.6	68.7	162.8	343.9
527.7	S				CS2				66.	185.	518.3	-45.7	69.0	162.8	343.9
534.7	L	31 5D3									525.0	-46.3	71.0	162.5	344.2
535.2	S				PS2				90.	185.	525.5	-46.4	71.2	162.5	344.3
541.3	S				CS2				85.	185.	531.3	-46.8	73.0	162.3	344.5
544.4	L	32 5D3									534.2	-47.1	73.9	162.2	344.7
544.8	L	33 5A3									534.6	-47.1	74.0	162.2	344.7
545.9	L	34 5B2									535.7	-47.2	74.3	162.2	344.8
545.9	S				CS2	E					535.7	-47.2	74.3	162.2	344.8
546.4	L	35 5A3									536.1	-47.3	74.5	162.1	344.8
547.4	S				CS2				85.	185.	537.1	-47.3	74.8	162.1	344.8
548.1	L	36 5B0									537.7	-47.4	75.0	162.1	344.9
549.4	S				CS2	3					539.0	-47.5	75.3	162.0	344.9
550.5	L	37 5B3									540.0	-47.6	75.7	162.0	345.0
550.9	L	38 5B7									540.4	-47.6	75.8	162.0	345.0
553.5	S				CS2				80.	185.	542.9	-47.8	76.6	161.9	345.1
559.6	S				CS2				85.	185.	548.7	-48.3	78.4	161.7	345.4
565.7	S				CS2				85.	185.	554.5	-48.8	80.3	161.5	345.6
571.8	S				CS2				87.	185.	560.2	-49.3	82.2	161.3	345.9
577.9	S				CS2				85.	185.	566.0	-49.8	84.1	161.1	346.2
584.0	S				CS2				60.	185.	571.8	-50.2	86.0	160.9	346.5
585.8	S				CS2	E					573.5	-50.4	86.6	160.8	346.5
587.1	S				CS2				85.	185.	574.7	-50.5	87.0	160.8	346.6
588.9	S				CS2	3					576.4	-50.6	87.6	160.7	346.7
593.1	S				CS2				86.	185.	580.4	-50.9	88.9	160.5	346.9
599.2	S				CS2				75.	185.	586.1	-51.4	90.9	160.3	347.1
600.4	R										587.3	-51.5	91.3	160.3	347.2
605.3	S				CS2				85.	185.	591.9	-51.8	92.9	160.2	347.9
607.2	S				CS2	E					593.7	-52.0	93.6	160.1	348.2
608.4	S				CS2				70.	185.	594.8	-52.0	94.0	160.1	348.3
609.0	S				CS2	3					595.3	-52.1	94.2	160.1	348.4

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
614.5	S				CS2				78.	185.	600.5	-52.4	96.0	160.0	349.2
619.1	L	39 5D3									604.8	-52.7	97.6	159.9	349.8
619.8	L	40 5B7									605.5	-52.8	97.8	159.9	349.9
620.6	S				CS2				80.	185.	606.2	-52.8	98.1	159.8	350.1
622.1	L	41 5D3									607.6	-52.9	98.6	159.8	350.3
622.1	S				CS2	S					607.6	-52.9	98.6	159.8	350.3
623.6	S				PS2				70.	185.	609.1	-53.0	99.1	159.8	350.5
625.2	S				CS2	S					610.6	-53.1	99.6	159.7	350.7
625.5	L	42 5B7									610.8	-53.1	99.7	159.7	350.7
626.5	P		2501	2.							611.8	-53.2	100.1	159.7	350.9
626.8	S				CS2				80.	185.	612.1	-53.2	100.2	159.7	350.9
628.5	P		2502	2.							613.7	-53.3	100.8	159.7	351.2
630.5	P		2503	2.							615.5	-53.4	101.5	159.6	351.5
632.5	P		2504	2.							617.4	-53.5	102.2	159.6	351.7
632.8	S				CS2				78.	185.	617.7	-53.5	102.3	159.6	351.8
634.5	P		2505	2.							619.3	-53.6	102.8	159.5	352.0
636.5	P		2506	2.							621.2	-53.7	103.5	159.5	352.3
638.3	S				CS2	E			83.	185.	622.8	-53.8	104.2	159.4	352.6
638.5	P		2507	2.							623.0	-53.8	104.2	159.4	352.6
640.5	P		2508	2.							624.9	-53.8	104.9	159.4	352.9
642.0	S				CS2				90.	185.	626.3	-53.9	105.5	159.4	353.1
642.5	P		2509	2.							626.8	-53.9	105.6	159.3	353.1
644.5	P		2510	2.							628.6	-54.0	106.3	159.3	353.4
645.0	S				CS2				87.	185.	629.1	-54.0	106.5	159.3	353.5
646.5	P		2511	2.							630.5	-54.1	107.0	159.3	353.7
647.0	S				CS2	E					631.0	-54.1	107.2	159.2	353.8
648.5	P		2512	2.							632.4	-54.2	107.7	159.2	354.0
649.5	S				CS2				68.	185.	633.3	-54.2	108.1	159.2	354.1
650.5	P		2513	2.							634.2	-54.2	108.4	159.2	354.3
651.9	S					3					635.6	-54.3	108.9	159.1	354.5
652.5	P		2514	2.							636.1	-54.3	109.2	159.1	354.6
653.5	S				CS2				70.	185.	637.1	-54.3	109.5	159.1	354.7
654.1	L	43 4A0									637.6	-54.4	109.7	159.1	354.8
654.5	P		2515	2.							638.0	-54.4	109.9	159.1	354.8
654.5	S					E					638.0	-54.4	109.9	159.1	354.8
654.7	L	44 4L1									638.2	-54.4	109.9	159.1	354.9
655.2	L	45 4A0									638.6	-54.4	110.1	159.1	354.9
655.5	L	46 4L1									638.9	-54.4	110.2	159.0	355.0
655.5	S				CS2				75.	185.	638.9	-54.4	110.2	159.0	355.0
656.3	L	47 4A0									639.7	-54.4	110.5	159.0	355.1
656.5	P		2516	2.							639.9	-54.4	110.6	159.0	355.1
656.7	L	48 4LA									640.0	-54.4	110.7	159.0	355.2

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
657.7	S					3					641.0	-54.5	111.0	159.0	355.3
658.4	P		2517	2.							641.6	-54.5	111.2	159.0	355.4
658.9	L	49 4A0									642.1	-54.5	111.4	159.0	355.5
659.2	L	50 4B7									642.4	-54.5	111.5	159.0	355.5
659.8	L	51 5D6									642.9	-54.5	111.8	159.0	355.6
660.5	S				CS2				70.	185.	643.6	-54.6	112.0	158.9	355.7
662.9	L	52 5C6									645.8	-54.6	112.9	158.9	356.0
663.9	L	53 5D6									646.8	-54.6	113.2	158.9	356.2
666.3	L	54 4A7									649.0	-54.7	114.1	158.8	356.5
667.3	S				CS2				83.	185.	649.9	-54.7	114.5	158.8	356.6
670.2	S					S					652.6	-54.8	115.5	158.7	357.1
672.0	L	55 5B4									654.3	-54.8	116.2	158.7	357.3
672.4	S				PS2				75.	185.	654.7	-54.8	116.3	158.7	357.4
674.0	S					S					656.2	-54.8	116.9	158.6	357.6
677.9	L	56 5B7									659.8	-54.9	118.3	158.5	358.1
678.5	L	57 4A7									660.4	-54.9	118.5	158.5	358.2
678.5	S				CS2				65.	185.	660.4	-54.9	118.5	158.5	358.2
679.5	L	58 5C3									661.3	-54.9	118.9	158.5	358.4
679.7	R										661.5	-54.9	119.0	158.5	358.4
680.4	L	59 5D3									662.1	-54.9	119.2	158.5	358.4
680.9	L	60 4B7									662.6	-54.9	119.4	158.5	358.4
681.1	L	61 4A7									662.8	-54.9	119.5	158.5	358.4
681.5	L	62 4B7									663.2	-54.9	119.6	158.5	358.4
683.7	L	63 5D3									665.2	-55.0	120.4	158.6	358.4
685.1	S				CS2				80.	185.	666.5	-55.0	120.9	158.6	358.4
687.3	S					E					668.6	-55.0	121.7	158.7	358.4
688.5	S				CS2				80.	185.	669.7	-55.0	122.2	158.7	358.4
691.2	S					3					672.2	-55.0	123.2	158.7	358.4
691.3	L	64 4L0									672.3	-55.0	123.2	158.7	358.4
693.5	S				W	E					674.3	-55.1	124.0	158.8	358.4
694.0	S				CS2				55.	185.	674.8	-55.1	124.2	158.8	358.4
695.7	L	65 4L1									676.4	-55.1	124.8	158.8	358.4
696.7	P		2518	2.							677.4	-55.1	125.2	158.8	358.4
697.0	L	66 4A7									677.6	-55.1	125.3	158.9	358.4
697.8	L	67 5B6									678.3	-55.1	125.5	158.9	358.4
698.7	P		2519	2.							679.2	-55.1	125.9	158.9	358.4
699.6	L	68 4A7									680.0	-55.1	126.2	158.9	358.4
699.8	S				CS2				72.	185.	680.2	-55.1	126.3	158.9	358.4
700.6	P		2520	2.							681.0	-55.1	126.6	158.9	358.4
701.2	L	69 4A0									681.5	-55.1	126.8	158.9	358.4

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
701.6	L	70 4A0									681.9	-55.1	126.9	158.9	358.4
701.7	S					Z					682.0	-55.1	126.9	159.0	358.4
702.3	L	71 4A0									682.5	-55.1	127.2	159.0	358.4
702.4	P		2521	2.							682.6	-55.1	127.2	159.0	358.4
704.0	P		2522	2.							684.1	-55.2	127.8	159.0	358.4
704.8	L	72 4C4									684.9	-55.2	128.1	159.0	358.4
705.3	L	73 4K0									685.3	-55.2	128.2	159.0	358.4
705.4	P		2523	1.							685.4	-55.2	128.3	159.0	358.4
705.5	S				PS2				69.	185.	685.5	-55.2	128.3	159.0	358.4
706.0	L	74 4H1									686.0	-55.2	128.5	159.0	358.4
706.1	S					Z					686.1	-55.2	128.5	159.0	358.4
710.2	S				CS2				78.	185.	689.9	-55.2	130.0	159.1	358.4
715.0	S				CS2				60.	185.	694.4	-55.3	131.7	159.2	358.4
721.1	S				CS2				70.	185.	700.1	-55.3	133.8	159.3	358.4
724.0	S					3					702.8	-55.4	134.9	159.4	358.4
729.4	L	75 5A1									707.9	-55.4	136.8	159.5	358.4
730.3	S				CS2				75.	185.	708.7	-55.4	137.1	159.5	358.4
735.7	L	76 3G0									713.8	-55.5	139.0	159.6	358.4
736.4	S				CS2				80.	185.	714.4	-55.5	139.2	159.7	358.4
738.4	L	77 0Q0									716.3	-55.5	139.9	159.7	358.4
742.5	S				CS2				80.	185.	720.2	-55.5	141.3	159.8	358.4
748.6	S				CS2				55.	185.	725.9	-55.6	143.4	159.9	358.4
752.8	R										729.8	-55.6	144.9	160.0	358.4
754.7	S				CS2				73.	185.	731.6	-55.7	145.5	160.1	357.4
760.7	S				CS2				58.	185.	737.3	-55.8	147.5	160.3	354.3
766.0	S				CS2				70.	185.	742.3	-56.0	149.3	160.5	351.6
773.0	S				CS2				65.	185.	748.9	-56.4	151.6	160.8	348.0
776.0	S				CS2				83.	185.	751.7	-56.7	152.5	160.9	346.5
782.1	S				CS2				70.	185.	757.5	-57.2	154.5	161.1	343.3
788.0	S				CS2				68.	185.	763.1	-57.8	156.3	161.3	340.3
794.5	S				CS2				85.	185.	769.2	-58.5	158.2	161.6	337.0
798.5	S					E					773.0	-59.0	159.3	161.7	334.9
802.8	L	78 3G0									777.1	-59.6	160.5	161.9	332.7
803.5	S				CS2				75.	185.	777.8	-59.7	160.7	161.9	332.4
809.0	L	79 4L7									783.0	-60.5	162.2	162.1	329.5
809.4	L	80 4L7									783.4	-60.6	162.3	162.2	329.3
809.5	S								74.	185.	783.5	-60.6	162.3	162.2	329.3
810.4	S					E					784.3	-60.8	162.6	162.2	328.8
817.8	S				CS2				65.	185.	791.4	-62.0	164.5	162.5	325.0
821.4	S				CS2				70.	185.	794.8	-62.6	165.3	162.6	323.2

****
* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
826.0	R										799.2	-63.5	166.4	162.8	320.8
827.8	S				CS2				80.	185.	800.9	-63.8	166.8	163.2	321.3
836.0	L	3G0									808.8	-65.2	168.6	165.2	323.4
836.0	R										808.8	-65.2	168.6	165.2	323.4

****
* DDH: 77X09R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
626.5	2501	2.0	61.2	3.52	8.17	11.69	-.50	.03	-.50	-.500	-.50	-.50	0.
628.5	2502	2.0	41.7	2.51	4.86	7.37	-.50	.03	-.50	-.500	-.50	-.50	0.
630.5	2503	2.0	51.9	2.58	4.96	7.54	-.50	.02	-.50	-.500	-.50	-.50	0.
632.5	2504	2.0	45.3	2.57	5.71	8.28	-.50	.02	-.50	-.500	-.50	-.50	0.
634.5	2505	2.0	37.7	2.63	3.79	6.42	-.50	.03	-.50	-.500	-.50	-.50	0.
636.5	2506	2.0	31.1	1.74	4.31	6.05	-.50	.02	-.50	-.500	-.50	-.50	0.
638.5	2507	2.0	31.9	2.18	3.92	6.10	-.50	.02	-.50	-.500	-.50	-.50	0.
640.5	2508	2.0	31.7	2.11	4.09	6.20	-.50	.05	-.50	-.500	-.50	-.50	0.
642.5	2509	2.0	31.2	1.93	3.86	5.79	-.50	.05	-.50	-.500	-.50	-.50	0.
644.5	2510	2.0	27.9	1.79	4.18	5.97	-.50	.03	-.50	-.500	-.50	-.50	0.
646.5	2511	2.0	30.0	1.81	3.86	5.67	-.50	.03	-.50	-.500	-.50	-.50	0.
648.5	2512	2.0	31.1	1.88	4.34	6.22	-.50	.03	-.50	-.500	-.50	-.50	0.
650.5	2513	2.0	42.0	2.58	3.84	6.42	-.50	.05	-.50	-.500	-.50	-.50	0.
652.5	2514	2.0	12.9	.80	1.27	2.07	-.50	.03	-.50	-.500	-.50	-.50	0.
654.5	2515	2.0	16.4	.98	1.41	2.39	-.50	.04	-.50	-.500	-.50	-.50	0.
656.5	2516	2.0	20.9	1.34	1.92	3.26	-.50	.06	-.50	-.500	-.50	-.50	0.
658.4	2517	1.7	21.2	1.34	2.33	3.67	-.50	.06	-.50	-.500	-.50	-.50	0.
696.7	2518	2.1	19.6	1.11	1.98	3.09	-.50	.04	-.50	-.500	-.50	-.50	0.
698.7	2519	1.8	26.9	1.61	3.22	4.83	-.50	.05	-.50	-.500	-.50	-.50	0.
700.6	2520	2.0	54.0	2.69	4.33	7.02	-.50	.06	-.50	-.500	-.50	-.50	0.
702.4	2521	1.6	29.8	1.81	2.50	4.31	-.50	.15	-.50	-.500	-.50	-.50	0.
704.0	2522	1.6	80.5	5.60	6.81	12.41	-.50	.15	-.50	-.500	-.50	-.50	0.
705.4	2523	1.2	133.0	7.14	11.60	18.74	-.50	.18	-.50	-.500	-.50	-.50	0.
803.8	2524	2.0	5.8	.48	.42	.90	-.50	.07	-.50	-.500	-.50	-.50	0.
805.8	2525	2.0	6.7	.66	.92	1.58	-.50	.05	-.50	-.500	-.50	-.50	0.
807.9	2526	2.2	4.5	.30	2.48	2.78	-.50	.13	-.50	-.500	-.50	-.50	0.

FINISHED -- LENGTH = 836.00 METERS ENTRIES = 434

```
 STOP FINISHED
SRU'S:62.5
!SWITCH IN$:,CLOSE
!EXIT
FMD014 E IN$  EOF
GPS208 I CMND SOURCE IS IN$
USAGE ON 07/12/78 AT 19:13:16
SRU'S:89.9      ELAPSED TIME: 00:02:04
```

```
**************************
*      DDH:  77X-09      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320247.0  NORTH: 22647561.0
                      ELEV:     1081.4


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X-09  01081.42264756100320247 METERS
     2   R77X-09  00000        180.0 000.0 AT COLLAR
     3   R77X-09  01158        176.5 351.0
     4   R77X-09  01890        175.0 318.0
     5   R77X-09  02621        170.0 313.0
     6   R77X-09  03353        167.6 328.0
     7   R77X-09  03962        164.0 328.0
     8   R77X-09  04572        164.0 346.0
     9   R77X-09  05180        162.0 348.0
    10   R77X-09  06004        158.0 351.0
    11   R77X-09  06797        154.0 002.0
    12   R77X-09  07528        158.0 359.0
    13   R77X-09  08260        163.5 332.0
    14   L77X-09  00000 00033  01 #
    15   L77X-09  00033 00570  02 5B6
    16   L77X-09  00570 00653  03 5B0
    17   L77X-09  00653 00668  04 5B0
    18   L77X-09  00668 00713  05 5B0
    19   L77X-09  00713 00969  06 5B6
    20   L77X-09  00969 01023  07 5D3
    21   L77X-09  01023 01047  08 5B6
    22   L77X-09  01047 01103  09 5D3
    23   L77X-09  01103 01251  10 5D3
    24   L77X-09  01251 01464  11 5B6
    25   L77X-09  01464 01543  12 5D3
    26   L77X-09  01543 01839  13 5D3
    27   L77X-09  01839 01952  14 5B7
    28   L77X-09  01952 02029  15 5D3
    29   L77X-09  02029 02110  16 5B6
    30   L77X-09  02110 04041  17 5B7
    31   L77X-09  04041 04278  18 5D0
    32   L77X-09  04278 04316  19 5D3
    33   L77X-09  04316 04853  20 5D3
    34   L77X-09  04853 04946  21 5B7
    35   L77X-09  04946 04954  22 0C6
    36   L77X-09  04954 04961  23 0C7
         1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
    1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 37 L77X-09  04961 05037 24 0C6
 38 L77X-09  05037 05101 25 0C7
 39 L77X-09  05101 05151 26 0C6
 40 L77X-09  05151 05184 27 0C7
 41 L77X-09  05184 05215 28 0C6
 42 L77X-09  05215 05238 29 3C7
 43 L77X-09  05238 05264 30 3C7
 44 L77X-09  05264 05347 31 5D3
 45 L77X-09  05347 05444 32 5D3
 46 L77X-09  05444 05448 33 5A3
 47 L77X-09  05448 05459 34 5B2
 48 L77X-09  05459 05464 35 5A3
 49 L77X-09  05464 05481 36 5B0
 50 L77X-09  05481 05505 37 5B3
 51 L77X-09  05505 05509 38 5B7
 52 L77X-09  05509 06191 39 5D3
 53 L77X-09  06191 06198 40 5B7
 54 L77X-09  06198 06221 41 5D3
 55 L77X-09  06221 06255 42 5B7
 56 L77X-09  06255 06541 43 4A0
 57 L77X-09  06541 06547 44 4L1
 58 L77X-09  06547 06552 45 4A0
 59 L77X-09  06552 06555 46 4L1
 60 L77X-09  06555 06563 47 4A0
 61 L77X-09  06563 06567 48 4LA
 62 L77X-09  06567 06589 49 4A0
 63 L77X-09  06589 06592 50 4B7
 64 L77X-09  06592 06598 51 5D6
 65 L77X-09  06598 06629 52 5C6
 66 L77X-09  06629 06639 53 5D6
 67 L77X-09  06639 06663 54 4A7
 68 L77X-09  06663 06720 55 5B4
 69 L77X-09  06720 06779 56 5B7
 70 L77X-09  06779 06785 57 4A7
 71 L77X-09  06785 06795 58 5C3
 72 L77X-09  06795 06804 59 5D3
 73 L77X-09  06804 06809 60 4B7
 74 L77X-09  06809 06811 61 4A7
 75 L77X-09  06811 06815 62 4B7
 76 L77X-09  06815 06837 63 5D3
 77 L77X-09  06837 06913 64 4L0
 78 L77X-09  06913 06957 65 4L1
    1.....1.....2.....3.....4.....5.....6.....7.....8
              0     0     0     0     0     0     0     0
```

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79  L77X-09  06957 06970 66 4A7
   80  L77X-09  06970 06978 67 5B6
   81  L77X-09  06978 06996 68 4A7
   82  L77X-09  06996 07012 69 4A0
   83  L77X-09  07012 07016 70 4A0
   84  L77X-09  07016 07023 71 4A0
   85  L77X-09  07023 07048 72 4C4
   86  L77X-09  07048 07053 73 4K0
   87  L77X-09  07053 07060 74 4H1
   88  L77X-09  07060 07294 75 5A1
   89  L77X-09  07294 07357 76 3G0
   90  L77X-09  07357 07384 77 0Q0
   91  L77X-09  07384 08028 78 3G0
   92  L77X-09  08028 08090 79 4L7
   93  L77X-09  08090 08094 80 4L7
   94  L77X-09  08094 08360    3G0
   95  S77X-09        00040 PS2          87185
   96  S77X-09        00091 PS2          85185
   97  S77X-09        00140 PS2          75185
   98  S77X-09        00146  F2 E
   99  S77X-09        00170  F2 3
  100  S77X-09        00220 PS2          83185
  101  S77X-09        00260 PS2          82185
  102  S77X-09        00320 PS2          73185
  103  S77X-09        00366 PS2          73185
  104  S77X-09        00418 PS2          82185
  105  S77X-09        00460 PS2          70185
  106  S77X-09        00508 PS2          80185
  107  S77X-09        00550 PS2          83185
  108  S77X-09        00617 PS2          65185
  109  S77X-09        00680 PS2          61185
  110  S77X-09        00736 PS2          80185
  111  S77X-09        00789 PS2          87185
  112  S77X-09        00835 PS2          72185
  113  S77X-09        00899 PS2          76185
  114  S77X-09        00970  F2 E
  115  S77X-09        01035 PS2          72185
  116  S77X-09        01065  F2 3
  117  S77X-09        01082 PS2          68185
  118  S77X-09        01083  F2 E
  119  S77X-09        01130  F2 3
  120  S77X-09        01133 PS2          80185
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0     0     0     0     0     0     0     0
```

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S77X-09	01183	PS2	83185
122	S77X-09	01230	PS2	69185
123	S77X-09	01294	PS2	70185
124	S77X-09	01350	PS2	65185
125	S77X-09	01395	PS2	82185
126	S77X-09	01430	F2 E	
127	S77X-09	01435	PS2	87185
128	S77X-09	01464	F2 3	
129	S77X-09	01483	PS2	70185
130	S77X-09	01526	PS2	80185
131	S77X-09	01576	PS2	75185
132	S77X-09	01627	PS2	85185
133	S77X-09	01683	PS2	85185
134	S77X-09	01733	PS2	85185
135	S77X-09	01778	PS2	85185
136	S77X-09	01822	PS2	80185
137	S77X-09	01879	PS2	84185
138	S77X-09	01928	PS2	89185
139	S77X-09	01976	PS2	88185
140	S77X-09	02015	F2 E	
141	S77X-09	02030	PS2	77185
142	S77X-09	02080	PS2	69185
143	S77X-09	02118	F2 3	
144	S77X-09	02121	PS2	85185
145	S77X-09	02152	F2 E	
146	S77X-09	02166	PS2	73185
147	S77X-09	02197	F2 3	
148	S77X-09	02217	PS2	78185
149	S77X-09	02230	F2 E	
150	S77X-09	02241	PS2	79185
151	S77X-09	02262	F2 3	
152	S77X-09	02295	PS2	79185
153	S77X-09	02331	PS2	73185
154	S77X-09	02386	PS2	80185
155	S77X-09	02436	PS2	83185
156	S77X-09	02487	PS2	83185
157	S77X-09	02536	PS2	80185
158	S77X-09	02577	PS2	55185
159	S77X-09	02625	PS2	88185
160	S77X-09	02670	PS2	75185
161	S77X-09	02716	PS2	73185
162	S77X-09	02729	F2 E	

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* DDH: 77X-09 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S77X-09	02759	PS2	70185	
164	S77X-09	02762	F2 3		
165	S77X-09	02816	PS2	76185	
166	S77X-09	02850	F2 E		
167	S77X-09	02862	PS2	68185	
168	S77X-09	02877	F2 3		
169	S77X-09	02900	PS2	80185	
170	S77X-09	02944	PS2	85185	
171	S77X-09	03001	PS2	74185	
172	S77X-09	03054	PS2	70185	
173	S77X-09	03106	PS2	72185	
174	S77X-09	03160	PS2	63185	
175	S77X-09	03200	F2 E		
176	S77X-09	03218	PS2	73185	
177	S77X-09	03249	PS2	77185	
178	S77X-09	03252	3		
179	S77X-09	03309	PS2	77185	
180	S77X-09	03351	PS2	80185	
181	S77X-09	03401	PS2	83185	
182	S77X-09	03460	PS2	83185	
183	S77X-09	03508	PS2	81185	
184	S77X-09	03554	PS2	76185	
185	S77X-09	03603	F2 E		
186	S77X-09	03620	PS2	87185	
187	S77X-09	03625	F2 3		
188	S77X-09	03670	PS2	83185	
189	S77X-09	03722	PS2	75185	
190	S77X-09	03782	PS2	78185	
191	S77X-09	03843	PS2	85185	
192	S77X-09	03844	F2 E		
193	S77X-09	03875	F2 3		
194	S77X-09	03886	PS2	77185	
195	S77X-09	03953	PS2	85185	
196	S77X-09	04015	PS2	84185	
197	S77X-09	04058	PS2	84185	
198	S77X-09	04103	PS2	72185	
199	S77X-09	04149	PS2	76185	
200	S77X-09	04194	PS2	68185	
201	S77X-09	04250	PS2	57185	
202	S77X-09	04313	PS2	66185	
203	S77X-09	04372	PS2	76185	
204	S77X-09	04407	PS2	73185	

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* DDH: 77X-09 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

205	S77X-09	04453	PS2	88185	
206	S77X-09	04501	PS2	67185	
207	S77X-09	04558	PS2	87185	
208	S77X-09	04605	PS2	81185	
209	S77X-09	04651	PS2	76185	
210	S77X-09	04695	PS2	74185	
211	S77X-09	04722	F2 E		
212	S77X-09	04743	PS2	69185	
213	S77X-09	04750	F2 3		
214	S77X-09	04804	PS2	81185	
215	S77X-09	05277	CS2	66185	
216	S77X-09	05352	PS2	90185	
217	S77X-09	05413	CS2	85185	
218	S77X-09	05459	CS2 E		
219	S77X-09	05474	CS2	85185	
220	S77X-09	05494	CS2 3		
221	S77X-09	05535	CS2	80185	
222	S77X-09	05596	CS2	85185	
223	S77X-09	05657	CS2	85185	
224	S77X-09	05718	CS2	87185	
225	S77X-09	05779	CS2	85185	
226	S77X-09	05840	CS2	60185	
227	S77X-09	05858	CS2 E		
228	S77X-09	05871	CS2	85185	
229	S77X-09	05889	CS2 3		
230	S77X-09	05931	CS2	86185	
231	S77X-09	05992	CS2	75185	
232	S77X-09	06053	CS2	85185	
233	S77X-09	06072	CS2 E		
234	S77X-09	06084	CS2	70185	
235	S77X-09	06090	CS2 3		
236	S77X-09	06145	CS2	78185	
237	S77X-09	06206	CS2	80185	
238	S77X-09	06221	CS2 S		
239	S77X-09	06236	PS2	70185	
240	S77X-09	06252	CS2 S		
241	S77X-09	06268	CS2	80185	
242	S77X-09	06328	CS2	78185	
243	S77X-09	06383	CS2 E	83185	
244	S77X-09	06420	CS2	90185	
245	S77X-09	06450	CS2	87185	
246	S77X-09	06470	CS2 E		

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
  247  S77X-09        06495 CS2        68185
  248  S77X-09        06519     3
  249  S77X-09        06535 CS2        70185
  250  S77X-09        06545     E
  251  S77X-09        06555 CS2        75185
  252  S77X-09        06577     3
  253  S77X-09        06605 CS2        70185
  254  S77X-09        06673 CS2        83185
  255  S77X-09        06702     S
  256  S77X-09        06724 PS2        75185
  257  S77X-09        06740     S
  258  S77X-09        06785 CS2        65185
  259  S77X-09        06851 CS2        80185
  260  S77X-09        06873     E
  261  S77X-09        06885 CS2        80185
  262  S77X-09        06912     3
  263  S77X-09        06935   W E
  264  S77X-09        06940 CS2        55185
  265  S77X-09        06998 CS2        72185
  266  S77X-09        07017     Z
  267  S77X-09        07055 PS2        69185
  268  S77X-09        07061     Z
  269  S77X-09        07102 CS2        78185
  270  S77X-09        07150 CS2        60185
  271  S77X-09        07211 CS2        70185
  272  S77X-09        07240     3
  273  S77X-09        07303 CS2        75185
  274  S77X-09        07364 CS2        80185
  275  S77X-09        07425 CS2        80185
  276  S77X-09        07486 CS2        55185
  277  S77X-09        07547 CS2        73185
  278  S77X-09        07607 CS2        58185
  279  S77X-09        07660 CS2        70185
  280  S77X-09        07730 CS2        65185
  281  S77X-09        07760 CS2        83185
  282  S77X-09        07821 CS2        70185
  283  S77X-09        07880 CS2        68185
  284  S77X-09        07945 CS2        85185
  285  S77X-09        07985     E
  286  S77X-09        08035 CS2        75185
  287  S77X-09        08095            74185
  288  S77X-09        08104     E
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   289 S77X-09          08178 CS2          65185
   290 S77X-09          08214 CS2          70185
   291 S77X-09          08278 CS2          80185
   292 P77X-09  06255 06275 002501
   293 P77X-09  06275 06295 002502
   294 P77X-09  06295 06315 002503
   295 P77X-09  06315 06335 002504
   296 P77X-09  06335 06355 002505
   297 P77X-09  06355 06375 002506
   298 P77X-09  06375 06395 002507
   299 P77X-09  06395 06415 002508
   300 P77X-09  06415 06435 002509
   301 P77X-09  06435 06455 002510
   302 P77X-09  06455 06475 002511
   303 P77X-09  06475 06495 002512
   304 P77X-09  06495 06515 002513
   305 P77X-09  06515 06535 002514
   306 P77X-09  06535 06555 002515
   307 P77X-09  06555 06575 002516
   308 P77X-09  06575 06592 002517
   309 P77X-09  06957 06978 002518
   310 P77X-09  06978 06996 002519
   311 P77X-09  06996 07016 002520
   312 P77X-09  07016 07032 002521
   313 P77X-09  07032 07048 002522
   314 P77X-09  07048 07060 002523
   315 A77X-09  625.5627.5   2501 2.0   612 0352  817 1169 -.5.034-.5 -.5 -.5 -.5 -.5
   316 A77X-09  627.5629.5   2502 2.0   417 0251  486  737 -.5.025-.5 -.5 -.5 -.5 -.5
   317 A77X-09  629.5631.5   2503 2.0   519 0258  496  754 -.5.021-.5 -.5 -.5 -.5 -.5
   318 A77X-09  631.5633.5   2504 2.0   453 0257  571  828 -.5.022-.5 -.5 -.5 -.5 -.5
   319 A77X-09  633.5635.5   2505 2.0   377 0263  379  642 -.5.026-.5 -.5 -.5 -.5 -.5
   320 A77X-09  635.5637.5   2506 2.0   311 0174  431  605 -.5.015-.5 -.5 -.5 -.5 -.5
   321 A77X-09  637.5639.5   2507 2.0   319 0218  392  610 -.5.016-.5 -.5 -.5 -.5 -.5
   322 A77X-09  639.5641.5   2508 2.0   317 0211  409  620 -.5.048-.5 -.5 -.5 -.5 -.5
   323 A77X-09  641.5643.5   2509 2.0   312 0193  386  579 -.5.051-.5 -.5 -.5 -.5 -.5
   324 A77X-09  643.5645.5   2510 2.0   279 0179  418  597 -.5.031-.5 -.5 -.5 -.5 -.5
   325 A77X-09  645.5647.5   2511 2.0   300 0181  386  567 -.5.034-.5 -.5 -.5 -.5 -.5
   326 A77X-09  647.5649.5   2512 2.0   311 0188  434  622 -.5.030-.5 -.5 -.5 -.5 -.5
   327 A77X-09  649.5651.5   2513 2.0   420 0258  384  642 -.5.050-.5 -.5 -.5 -.5 -.5
   328 A77X-09  651.5653.5   2514 2.0   129 0080  127  207 -.5.032-.5 -.5 -.5 -.5 -.5
   329 A77X-09  653.5655.5   2515 2.0   164 0098  141  239 -.5.037-.5 -.5 -.5 -.5 -.5
   330 A77X-09  655.5657.5   2516 2.0   209 0134  192  326 -.5.057-.5 -.5 -.5 -.5 -.5
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0     0     0     0     0     0     0     0
```

****
* DDH: 77X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                    1         2         3         4         5         6         7         8
          1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    331   A77X-09  657.5659.2   2517 1.7   212 0134  233  367 -.5.065-.5 -.5 -.5 -.5 -.5
    332   A77X-09  695.7697.8   2518 2.1   196 0111  198  309 -.5.040-.5 -.5 -.5 -.5 -.5
    333   A77X-09  697.8699.6   2519 1.8   269 0161  322  483 -.5.050-.5 -.5 -.5 -.5 -.5
    334   A77X-09  699.6701.6   2520 2.0   540 0269  433  702 -.5.059-.5 -.5 -.5 -.5 -.5
    335   A77X-09  701.6703.2   2521 1.6   298 0181  250  431 -.5.150-.5 -.5 -.5 -.5 -.5
    336   A77X-09  703.2704.8   2522 1.6   805 0560  681 1241 -.5.150-.5 -.5 -.5 -.5 -.5
    337   A77X-09  704.8706.0   2523 1.2  1330 0714 1160 1874 -.5.180-.5 -.5 -.5 -.5 -.5
    338   A77X-09  802.8804.8  02524 2.0   0058 0048 0042   90 -.50.07-.5 -.5 -.5 -.5 -.5
    339   A77X-09  804.8806.8  02525 2.0   0067 0066 0092  158 -.50.05-.5 -.5 -.5 -.5 -.5
    340   A77X-09  806.8809.0  02526 2.2   0045 0030 0248  278 -.50.13-.5 -.5 -.5 -.5 -.5
          1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

DDH: 77X-09 -- SUMMARY OF DATA INPUT

RECORDS READ = 340 RELEASED TO SORT 433
TYPE-L = 81
TYPE-P = 23
TYPE-R = 12
TYPE-S = 197
TYPE-X = 41
TYPE-A = 52
TYPE-V = 26 (GENERATED TO DEPTH: 820.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 836.0 METERS

****
* DDH: 77X-09 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320247.0 NORTH: 22647561.0
ELEV: 1081.4

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	115.80	METERS
	ZENITH ANG:	180.00	-	176.50	
	AZIMUTH:	0.	-	351.00	
BOREHOLE SECTION 2 --	DEPTH:	115.80	-	189.00	METERS
	ZENITH ANG:	176.50	-	175.00	
	AZIMUTH:	351.00	-	318.00	
BOREHOLE SECTION 3 --	DEPTH:	189.00	-	262.10	METERS
	ZENITH ANG:	175.00	-	170.00	
	AZIMUTH:	318.00	-	313.00	
BOREHOLE SECTION 4 --	DEPTH:	262.10	-	335.30	METERS
	ZENITH ANG:	170.00	-	167.60	
	AZIMUTH:	313.00	-	328.00	
BOREHOLE SECTION 5 --	DEPTH:	335.30	-	396.20	METERS
	ZENITH ANG:	167.60	-	164.00	
	AZIMUTH:	328.00	-	328.00	
BOREHOLE SECTION 6 --	DEPTH:	396.20	-	457.20	METERS
	ZENITH ANG:	164.00	-	164.00	
	AZIMUTH:	328.00	-	346.00	
BOREHOLE SECTION 7 --	DEPTH:	457.20	-	518.00	METERS
	ZENITH ANG:	164.00	-	162.00	
	AZIMUTH:	346.00	-	348.00	
BOREHOLE SECTION 8 --	DEPTH:	518.00	-	600.40	METERS
	ZENITH ANG:	162.00	-	158.00	
	AZIMUTH:	348.00	-	351.00	
BOREHOLE SECTION 9 --	DEPTH:	600.40	-	679.70	METERS
	ZENITH ANG:	158.00	-	154.00	
	AZIMUTH:	351.00	-	2.00	
BOREHOLE SECTION 10 --	DEPTH:	679.70	-	752.80	METERS
	ZENITH ANG:	154.00	-	158.00	
	AZIMUTH:	2.00	-	359.00	
BOREHOLE SECTION 11 --	DEPTH:	752.80	-	826.00	METERS
	ZENITH ANG:	158.00	-	163.50	

AZIMUTH: 359.00 - 332.00

BOREHOLE SECTION 12 -- DEPTH: 826.00 - 836.00 METERS
ZENITH ANG: 163.50 - 163.50
AZIMUTH: 332.00 - 332.00

FINISHED -- BOREHOLE LENGTH = 836.00 METERS
FILE SIZE = 434

****
* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.3	L	01 #									3.3	-.0	.0	179.9	359.7
4.0	S				PS2				87.	185.	4.0	-.0	.0	179.9	359.7
9.1	S				PS2				85.	185.	9.1	-.0	.0	179.7	359.3
14.0	S				PS2				75.	185.	14.0	-.0	.1	179.6	358.9
14.6	S				F2	E					14.6	-.0	.1	179.6	358.9
17.0	S				F2	3					17.0	-.0	.1	179.5	358.7
22.0	S				PS2				83.	185.	22.0	-.0	.1	179.3	358.3
26.0	S				PS2				82.	185.	26.0	-.0	.2	179.2	358.0
32.0	S				PS2				73.	185.	32.0	-.0	.3	179.0	357.5
36.6	S				PS2				73.	185.	36.6	-.0	.4	178.9	357.2
41.8	S				PS2				82.	185.	41.8	-.0	.5	178.7	356.8
46.0	S				PS2				70.	185.	46.0	-.0	.6	178.6	356.4
50.8	S				PS2				80.	185.	50.8	-.0	.7	178.5	356.1
55.0	S				PS2				83.	185.	55.0	-.0	.8	178.3	355.7
57.0	L	02 5B6									57.0	-.0	.9	178.3	355.6
61.7	S				PS2				65.	185.	61.7	-.1	1.0	178.1	355.2
65.3	L	03 5B0									65.3	-.1	1.1	178.0	354.9
66.8	L	04 5B0									66.8	-.1	1.2	178.0	354.8
68.0	S				PS2				61.	185.	68.0	-.1	1.2	177.9	354.7
71.3	L	05 5B0									71.3	-.1	1.3	177.8	354.5
73.6	S				PS2				80.	185.	73.6	-.1	1.4	177.8	354.3
78.9	S				PS2				87.	185.	78.9	-.1	1.6	177.6	353.9
83.5	S				PS2				72.	185.	83.5	-.1	1.8	177.5	353.5
89.9	S				PS2				76.	185.	89.9	-.2	2.1	177.3	353.0
96.9	L	06 5B6									96.9	-.2	2.5	177.1	352.5
97.0	S				F2	E					97.0	-.2	2.5	177.1	352.5
102.3	L	07 5D3									102.3	-.3	2.7	176.9	352.0
103.5	S				PS2				72.	185.	103.4	-.3	2.8	176.9	352.0
104.7	L	08 5B6									104.6	-.3	2.9	176.8	351.9
106.5	S				F2	3					106.4	-.3	3.0	176.8	351.7
108.2	S				PS2				68.	185.	108.1	-.3	3.1	176.7	351.6
108.3	S				F2	E					108.2	-.3	3.1	176.7	351.6
110.3	L	09 5D3									110.2	-.3	3.2	176.7	351.4
113.0	S				F2	3					112.9	-.3	3.3	176.6	351.2
113.3	S				PS2				80.	185.	113.2	-.3	3.4	176.6	351.2

****
* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
115.8	R										115.7	-.4	3.5	176.5	351.0
118.3	S				PS2				83.	185.	118.2	-.4	3.7	176.4	349.9
123.0	S				PS2				69.	185.	122.9	-.4	4.0	176.4	347.8
125.1	L	10 5D3									125.0	-.5	4.1	176.3	346.8
129.4	S				PS2				70.	185.	129.3	-.5	4.4	176.2	344.9
135.0	S				PS2				65.	185.	134.9	-.7	4.7	176.1	342.3
139.5	S				PS2				82.	185.	139.4	-.8	5.0	176.0	340.3
143.0	S				F2	E					142.9	-.8	5.2	175.9	338.7
143.5	S				PS2				87.	185.	143.4	-.9	5.3	175.9	338.5
146.4	L	11 5B6									146.3	-.9	5.5	175.9	337.2
146.4	S				F2	3					146.3	-.9	5.5	175.9	337.2
148.3	S				PS2				70.	185.	148.2	-1.0	5.6	175.8	336.3
152.6	S				PS2				80.	185.	152.4	-1.1	5.9	175.7	334.4
154.3	L	12 5D3									154.1	-1.2	6.0	175.7	333.6
157.6	S				PS2				75.	185.	157.4	-1.3	6.2	175.6	332.2
162.7	S				PS2				85.	185.	162.5	-1.5	6.6	175.5	329.9
168.3	S				PS2				85.	185.	168.1	-1.7	6.9	175.4	327.3
173.3	S				PS2				85.	185.	173.1	-1.9	7.3	175.3	325.1
177.8	S				PS2				85.	185.	177.6	-2.1	7.6	175.2	323.0
182.2	S				PS2				80.	185.	181.9	-2.4	7.9	175.1	321.1
183.9	L	13 5D3									183.6	-2.5	8.0	175.1	320.3
187.9	S				PS2				84.	185.	187.6	-2.7	8.2	175.0	318.5
189.0	R										188.7	-2.8	8.3	175.0	318.0
192.8	S				PS2				89.	185.	192.5	-3.0	8.6	174.7	317.7
195.2	L	14 5B7									194.9	-3.1	8.7	174.6	317.6
197.6	S				PS2				88.	185.	197.3	-3.3	8.9	174.4	317.4
201.5	S				F2	E					201.2	-3.5	9.2	174.1	317.1
202.9	L	15 5D3									202.6	-3.6	9.3	174.0	317.0
203.0	S				PS2				77.	185.	202.7	-3.7	9.3	174.0	317.0
208.0	S				PS2				69.	185.	207.6	-4.0	9.7	173.7	316.7
211.0	L	16 5B6									210.6	-4.2	9.9	173.5	316.5
211.8	S				F2	3					211.4	-4.3	10.0	173.4	316.4
212.1	S				PS2				85.	185.	211.7	-4.3	10.0	173.4	316.4
215.2	S				F2	E					214.8	-4.6	10.3	173.2	316.2
216.6	S				PS2				73.	185.	216.2	-4.7	10.4	173.1	316.1
219.7	S				F2	3					219.3	-5.0	10.7	172.9	315.9
221.7	S				PS2				78.	185.	221.2	-5.1	10.8	172.8	315.8
223.0	S				F2	E					222.5	-5.3	11.0	172.7	315.7

****
* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
224.1	S				PS2				79.	185.	223.6	-5.4	11.1	172.6	315.6
226.2	S				F2	3					225.7	-5.5	11.3	172.5	315.5
229.5	S				PS2				79.	185.	229.0	-5.9	11.6	172.2	315.2
233.1	S				PS2				73.	185.	232.5	-6.2	11.9	172.0	315.0
238.6	S				PS2				80.	185.	238.0	-6.8	12.5	171.6	314.6
243.6	S				PS2				83.	185.	242.9	-7.3	13.0	171.3	314.3
248.7	S				PS2				83.	185.	248.0	-7.9	13.5	170.9	313.9
253.6	S				PS2				80.	185.	252.8	-8.4	14.1	170.6	313.6
257.7	S				PS2				55.	185.	256.8	-8.9	14.6	170.3	313.3
262.1	R										261.2	-9.5	15.1	170.0	313.0
262.5	S				PS2				88.	185.	261.6	-9.5	15.1	170.0	313.1
267.0	S				PS2				75.	185.	266.0	-10.1	15.7	169.8	314.0
271.6	S				PS2				73.	185.	270.5	-10.7	16.2	169.7	314.9
272.9	S				F2	E					271.8	-10.8	16.4	169.6	315.2
275.9	S				PS2				70.	185.	274.8	-11.2	16.8	169.5	315.8
276.2	S				F2	3					275.1	-11.3	16.8	169.5	315.9
281.6	S				PS2				76.	185.	280.4	-11.9	17.5	169.4	317.0
285.0	S				F2	E					283.7	-12.4	18.0	169.2	317.7
286.2	S				PS2				68.	185.	284.9	-12.5	18.2	169.2	317.9
287.7	S				F2	3					286.4	-12.7	18.4	169.2	318.2
290.0	S				PS2				80.	185.	288.6	-13.0	18.7	169.1	318.7
294.4	S				PS2				85.	185.	292.9	-13.5	19.3	168.9	319.6
300.1	S				PS2				74.	185.	298.5	-14.2	20.2	168.8	320.8
305.4	S				PS2				70.	185.	303.7	-14.9	21.0	168.6	321.9
310.6	S				PS2				72.	185.	308.8	-15.5	21.8	168.4	322.9
316.0	S				PS2				63.	185.	314.1	-16.2	22.7	168.2	324.0
320.0	S				F2	E					318.0	-16.7	23.4	168.1	324.9
321.8	S				PS2				73.	185.	319.8	-16.9	23.7	168.0	325.2
324.9	S				PS2				77.	185.	322.8	-17.2	24.2	167.9	325.9
325.2	S					3					323.1	-17.3	24.3	167.9	325.9
330.9	S				PS2				77.	185.	328.7	-17.9	25.3	167.7	327.1
335.1	S				PS2				80.	185.	332.8	-18.4	26.0	167.6	328.0
335.3	R										333.0	-18.4	26.1	167.6	328.0
340.1	S				PS2				83.	185.	337.7	-19.0	26.9	167.3	328.0
346.0	S				PS2				83.	185.	343.4	-19.7	28.1	167.0	328.0
350.8	S				PS2				81.	185.	348.1	-20.3	29.0	166.7	328.0
355.4	S				PS2				76.	185.	352.6	-20.8	29.9	166.4	328.0
360.3	S				F2	E					357.3	-21.4	30.9	166.1	328.0

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* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
362.0	S				PS2				87.	185.	359.0	-21.7	31.2	166.0	328.0
362.5	S				F2	3					359.5	-21.7	31.3	166.0	328.0
367.0	S				PS2				83.	185.	363.8	-22.3	32.3	165.7	328.0
372.2	S				PS2				75.	185.	368.9	-23.0	33.4	165.4	328.0
378.2	S				PS2				78.	185.	374.7	-23.8	34.6	165.1	328.0
384.3	S				PS2				85.	185.	380.5	-24.6	36.0	164.7	328.0
384.4	S				F2	E					380.6	-24.7	36.0	164.7	328.0
387.5	S				F2	3					383.6	-25.1	36.7	164.5	328.0
388.6	S				PS2				77.	185.	384.7	-25.3	37.0	164.4	328.0
395.3	S				PS2				85.	185.	391.1	-26.2	38.5	164.1	328.0
396.2	R										392.0	-26.3	38.7	164.0	328.0
401.5	S				PS2				84.	185.	397.1	-27.1	40.0	164.0	329.6
404.1	L	17 587									399.6	-27.5	40.6	164.0	330.3
405.8	S				PS2				84.	185.	401.2	-27.7	41.0	164.0	330.8
410.3	S				PS2				72.	185.	405.6	-28.3	42.1	164.0	332.2
414.9	S				PS2				76.	185.	410.0	-28.9	43.2	164.0	333.5
419.4	S				PS2				68.	185.	414.3	-29.4	44.3	164.0	334.8
425.0	S				PS2				57.	185.	419.7	-30.0	45.7	164.0	336.5
427.8	L	18 5D0									422.4	-30.3	46.4	164.0	337.3
431.3	S				PS2				66.	185.	425.7	-30.7	47.3	164.0	338.4
431.6	L	19 5D3									426.0	-30.7	47.4	164.0	338.4
437.2	S				PS2				76.	185.	431.4	-31.3	48.9	164.0	340.1
440.7	S				PS2				73.	185.	434.8	-31.6	49.8	164.0	341.1
445.3	S				PS2				88.	185.	439.2	-32.0	51.0	164.0	342.5
450.1	S				PS2				67.	185.	443.8	-32.4	52.2	164.0	343.9
455.8	S				PS2				87.	185.	449.3	-32.8	53.8	164.0	345.6
457.2	R										450.6	-32.9	54.1	164.0	346.0
460.5	S				PS2				81.	185.	453.8	-33.1	55.0	163.9	346.1
465.1	S				PS2				76.	185.	458.2	-33.4	56.3	163.7	346.3
469.5	S				PS2				74.	185.	462.5	-33.7	57.5	163.6	346.4
472.2	S				F2	E					465.0	-33.9	58.2	163.5	346.5
474.3	S				PS2				69.	185.	467.1	-34.0	58.8	163.4	346.6
475.0	S				F2	3					467.7	-34.1	59.0	163.4	346.6
480.4	S				PS2				81.	185.	472.9	-34.4	60.5	163.2	346.8
485.3	L	20 5D3									477.6	-34.8	61.9	163.1	346.9
494.6	L	21 5B7									486.5	-35.4	64.5	162.8	347.2
495.4	L	22 0C6									487.2	-35.4	64.8	162.7	347.3
496.1	L	23 0C7									487.9	-35.5	65.0	162.7	347.3

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* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
503.7	L	24 0C6									495.2	-36.0	67.2	162.5	347.5
510.1	L	25 0C7									501.3	-36.4	69.1	162.3	347.7
515.1	L	26 0C6									506.0	-36.7	70.6	162.1	347.9
518.0	R										508.8	-36.9	71.5	162.0	348.0
518.4	L	27 0C7									509.2	-36.9	71.6	162.0	348.0
521.5	L	28 0C6									512.1	-37.1	72.5	161.8	348.1
523.8	L	29 3C7									514.3	-37.3	73.2	161.7	348.2
526.4	L	30 3C7									516.8	-37.4	74.0	161.6	348.3
527.7	S				CS2				66.	185.	518.0	-37.5	74.4	161.5	348.4
534.7	L	31 5D3									524.6	-38.0	76.6	161.2	348.6
535.2	S				PS2				90.	185.	525.1	-38.0	76.8	161.2	348.6
541.3	S				CS2				85.	185.	530.9	-38.4	78.7	160.9	348.8
544.4	L	32 5D3									533.8	-38.6	79.7	160.7	349.0
544.8	L	33 5A3									534.2	-38.6	79.9	160.7	349.0
545.9	L	34 5B2									535.2	-38.7	80.2	160.6	349.0
545.9	S				CS2	E					535.2	-38.7	80.2	160.6	349.0
546.4	L	35 5A3									535.7	-38.7	80.4	160.6	349.0
547.4	S				CS2				85.	185.	536.6	-38.8	80.7	160.6	349.1
548.1	L	36 5B0									537.3	-38.8	80.9	160.5	349.1
549.4	S				CS2	3					538.5	-38.9	81.4	160.5	349.1
550.5	L	37 5B3									539.6	-39.0	81.7	160.4	349.2
550.9	L	38 5B7									539.9	-39.0	81.8	160.4	349.2
553.5	S				CS2				80.	185.	542.4	-39.1	82.7	160.3	349.3
559.6	S				CS2				85.	185.	548.1	-39.5	84.7	160.0	349.5
565.7	S				CS2				85.	185.	553.8	-39.9	86.8	159.7	349.7
571.8	S				CS2				87.	185.	559.6	-40.3	88.9	159.4	350.0
577.9	S				CS2				85.	185.	565.3	-40.7	91.0	159.1	350.2
584.0	S				CS2				60.	185.	571.0	-41.0	93.2	158.8	350.4
585.8	S				CS2	E					572.6	-41.1	93.8	158.7	350.5
587.1	S				CS2				85.	185.	573.8	-41.2	94.3	158.6	350.5
588.9	S				CS2	3					575.5	-41.3	95.0	158.6	350.6
593.1	S				CS2				86.	185.	579.4	-41.6	96.5	158.4	350.7
599.2	S				CS2				75.	185.	585.1	-41.9	98.7	158.1	351.0
600.4	R										586.2	-42.0	99.2	158.0	351.0
605.3	S				CS2				85.	185.	590.7	-42.3	101.0	157.8	351.7
607.2	S				CS2	E					592.5	-42.4	101.7	157.7	351.9
608.4	S				CS2				70.	185.	593.6	-42.4	102.2	157.6	352.1
609.0	S				CS2	3					594.2	-42.5	102.4	157.6	352.2

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* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
614.5	S				CS2				78.	185.	599.2	-42.7	104.5	157.3	353.0
619.1	L	39 5D3									603.5	-43.0	106.2	157.1	353.6
619.8	L	40 5B7									604.1	-43.0	106.5	157.0	353.7
620.6	S				CS2				80.	185.	604.9	-43.0	106.8	157.0	353.8
622.1	L	41 5D3									606.2	-43.1	107.4	156.9	354.0
622.1	S				CS2	S					606.2	-43.1	107.4	156.9	354.0
623.6	S				PS2				70.	185.	607.6	-43.1	108.0	156.8	354.2
625.2	S				CS2	S					609.1	-43.2	108.6	156.7	354.4
625.5	L	42 5B7									609.4	-43.2	108.7	156.7	354.5
626.5	P		2501	2.							610.3	-43.3	109.1	156.7	354.6
626.8	S				CS2				80.	185.	610.6	-43.3	109.3	156.7	354.7
628.5	P		2502	2.							612.1	-43.3	109.9	156.6	354.9
630.5	P		2503	2.							614.0	-43.4	110.7	156.5	355.2
632.5	P		2504	2.							615.8	-43.5	111.5	156.4	355.5
632.8	S				CS2				78.	185.	616.1	-43.5	111.6	156.4	355.5
634.5	P		2505	2.							617.6	-43.5	112.3	156.3	355.7
636.5	P		2506	2.							619.4	-43.6	113.1	156.2	356.0
638.3	S				CS2	E			83.	185.	621.1	-43.6	113.8	156.1	356.3
638.5	P		2507	2.							621.3	-43.6	113.9	156.1	356.3
640.5	P		2508	2.							623.1	-43.7	114.7	156.0	356.6
642.0	S				CS2				90.	185.	624.5	-43.7	115.3	155.9	356.8
642.5	P		2509	2.							624.9	-43.7	115.6	155.9	356.8
644.5	P		2510	2.							626.8	-43.8	116.4	155.8	357.1
645.0	S				CS2				87.	185.	627.2	-43.8	116.6	155.8	357.2
646.5	P		2511	2.							628.6	-43.8	117.2	155.7	357.4
647.0	S				CS2	E					629.0	-43.8	117.4	155.6	357.5
648.5	P		2512	2.							630.4	-43.9	118.0	155.6	357.7
649.5	S				CS2				68.	185.	631.3	-43.9	118.4	155.5	357.8
650.5	P		2513	2.							632.2	-43.9	118.8	155.5	357.9
651.9	S					3					633.5	-43.9	119.4	155.4	358.1
652.5	P		2514	2.							634.0	-43.9	119.7	155.4	358.2
653.5	S				CS2				70.	185.	634.9	-43.9	120.1	155.3	358.4
654.1	L	43 4A0									635.5	-43.9	120.3	155.3	358.4
654.5	P		2515	2.							635.9	-43.9	120.5	155.3	358.5
654.5	S					E					635.9	-43.9	120.5	155.3	358.5
654.7	L	44 4L1									636.0	-43.9	120.6	155.3	358.5
655.2	L	45 4A0									636.5	-43.9	120.8	155.2	358.6
655.5	L	46 4L1									636.8	-44.0	120.9	155.2	358.6
655.5	S				CS2				75.	185.	636.8	-44.0	120.9	155.2	358.6
656.3	L	47 4A0									637.5	-44.0	121.3	155.2	358.8
656.5	P		2516	2.							637.7	-44.0	121.3	155.2	358.8
656.7	L	48 4LA									637.9	-44.0	121.4	155.2	358.8

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
657.7	S					3					638.8	-44.0	121.9	155.1	358.9
658.4	P		2517	2.							639.4	-44.0	122.1	155.1	359.0
658.9	L	49 4A0									639.9	-44.0	122.4	155.0	359.1
659.2	L	50 4B7									640.1	-44.0	122.5	155.0	359.2
659.8	L	51 5D6									640.7	-44.0	122.7	155.0	359.2
660.5	S				CS2				70.	185.	641.3	-44.0	123.0	155.0	359.3
662.9	L	52 5C6									643.5	-44.0	124.1	154.8	359.7
663.9	L	53 5D6									644.4	-44.0	124.5	154.8	359.8
666.3	L	54 4A7									646.5	-44.0	125.5	154.7	.1
667.3	S				CS2				83.	185.	647.5	-44.0	125.9	154.6	.3
670.2	S					S					650.1	-44.0	127.2	154.5	.7
672.0	L	55 5B4									651.7	-44.0	128.0	154.4	.9
672.4	S				PS2				75.	185.	652.1	-44.0	128.1	154.4	1.0
674.0	S					S					653.5	-44.0	128.8	154.3	1.2
677.9	L	56 5B7									657.0	-43.9	130.5	154.1	1.8
678.5	L	57 4A7									657.5	-43.9	130.8	154.1	1.8
678.5	S				CS2				65.	185.	657.5	-43.9	130.8	154.1	1.8
679.5	L	58 5C3									658.4	-43.9	131.2	154.0	2.0
679.7	R										658.6	-43.9	131.3	154.0	2.0
680.4	L	59 5D3									659.3	-43.9	131.6	154.0	2.0
680.9	L	60 4B7									659.7	-43.9	131.8	154.1	2.0
681.1	L	61 4A7									659.9	-43.9	131.9	154.1	1.9
681.5	L	62 4B7									660.2	-43.9	132.1	154.1	1.9
683.7	L	63 5D3									662.2	-43.8	133.0	154.2	1.8
685.1	S				CS2				80.	185.	663.5	-43.8	133.7	154.3	1.8
687.3	S					E					665.5	-43.8	134.6	154.4	1.7
688.5	S				CS2				80.	185.	666.6	-43.8	135.1	154.5	1.6
691.2	S					3					669.0	-43.7	136.3	154.6	1.5
691.3	L	64 4L0									669.1	-43.7	136.3	154.6	1.5
693.5	S					W E					671.1	-43.7	137.3	154.8	1.4
694.0	S				CS2				55.	185.	671.5	-43.7	137.5	154.8	1.4
695.7	L	65 4L1									673.1	-43.7	138.2	154.9	1.3
696.7	P		2518	2.							674.0	-43.7	138.6	154.9	1.3
697.0	L	66 4A7									674.2	-43.7	138.8	154.9	1.3
697.8	L	67 5B6									675.0	-43.7	139.1	155.0	1.3
698.7	P		2519	2.							675.8	-43.7	139.5	155.0	1.2
699.6	L	68 4A7									676.6	-43.7	139.9	155.1	1.2
699.8	S				CS2				72.	185.	676.8	-43.7	139.9	155.1	1.2
700.6	P		2520	2.							677.5	-43.7	140.3	155.1	1.1
701.2	L	69 4A0									678.0	-43.6	140.5	155.2	1.1

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COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
701.6	L	70 4A0									678.4	-43.6	140.7	155.2	1.1
701.7	S					Z					678.5	-43.6	140.7	155.2	1.1
702.3	L	71 4A0									679.0	-43.6	141.0	155.2	1.1
702.4	P		2521	2.							679.1	-43.6	141.0	155.2	1.1
704.0	P		2522	2.							680.6	-43.6	141.7	155.3	1.0
704.8	L	72 4C4									681.3	-43.6	142.0	155.4	1.0
705.3	L	73 4K0									681.8	-43.6	142.2	155.4	.9
705.4	P		2523	1.							681.9	-43.6	142.3	155.4	.9
705.5	S				PS2				69.	185.	682.0	-43.6	142.3	155.4	.9
706.0	L	74 4H1									682.4	-43.6	142.5	155.4	.9
706.1	S					Z					682.5	-43.6	142.6	155.4	.9
710.2	S				CS2				78.	185.	686.2	-43.6	144.3	155.7	.7
715.0	S				CS2				60.	185.	690.6	-43.6	146.2	155.9	.6
721.1	S				CS2				70.	185.	696.2	-43.5	148.7	156.3	.3
724.0	S					3					698.8	-43.5	149.9	156.4	.2
729.4	L	75 5A1									703.8	-43.5	152.0	156.7	360.0
730.3	S				CS2				75.	185.	704.6	-43.5	152.4	156.8	359.9
735.7	L	76 3G0									709.6	-43.5	154.5	157.1	359.7
736.4	S				CS2				80.	185.	710.2	-43.5	154.8	157.1	359.7
738.4	L	77 0Q0									712.1	-43.5	155.5	157.2	359.6
742.5	S				CS2				80.	185.	715.9	-43.6	157.1	157.4	359.4
748.6	S				CS2				55.	185.	721.5	-43.6	159.4	157.8	359.2
752.8	R										725.4	-43.6	161.0	158.0	359.0
754.7	S				CS2				73.	185.	727.2	-43.6	161.7	158.1	358.3
760.7	S				CS2				58.	185.	732.7	-43.7	163.9	158.6	356.1
766.0	S				CS2				70.	185.	737.7	-43.9	165.9	159.0	354.1
773.0	S				CS2				65.	185.	744.2	-44.2	168.3	159.5	351.5
776.0	S				CS2				83.	185.	747.0	-44.4	169.3	159.7	350.4
782.1	S				CS2				70.	185.	752.8	-44.8	171.4	160.2	348.2
788.0	S				CS2				68.	185.	758.3	-45.2	173.3	160.6	346.0
794.5	S				CS2				85.	185.	764.5	-45.7	175.4	161.1	343.6
798.5	S					E					768.3	-46.1	176.6	161.4	342.1
802.8	L	78 3G0									772.3	-46.6	177.9	161.8	340.6
803.5	S				CS2				75.	185.	773.0	-46.6	178.1	161.8	340.3
809.0	L	79 4L7									778.2	-47.2	179.7	162.2	338.3
809.4	L	80 4L7									778.6	-47.3	179.8	162.3	338.1
809.5	S								74.	185.	778.7	-47.3	179.8	162.3	338.1
810.4	S					E					779.6	-47.4	180.1	162.3	337.8
817.8	S				CS2				65.	185.	786.6	-48.3	182.1	162.9	335.0
821.4	S				CS2				70.	185.	790.1	-48.7	183.1	163.2	333.7

****
* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
826.0	R										794.5	-49.3	184.2	163.5	332.0
827.8	S				CS2				80.	185.	796.2	-49.6	184.7	163.5	332.0
836.0	L	3G0									804.1	-50.7	186.7	163.5	332.0
836.0	R										804.1	-50.7	186.7	163.5	332.0

****
* DDH: 77X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320247.0 METERS NORTH: 22647561.0 METERS ELEV: 1081.4 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
626.5	2501	2.0	61.2	3.52	8.17	11.69	-.50	.03	-.50	-.500	-.50	-.50	-.500
628.5	2502	2.0	41.7	2.51	4.86	7.37	-.50	.03	-.50	-.500	-.50	-.50	-.500
630.5	2503	2.0	51.9	2.58	4.96	7.54	-.50	.02	-.50	-.500	-.50	-.50	-.500
632.5	2504	2.0	45.3	2.57	5.71	8.28	-.50	.02	-.50	-.500	-.50	-.50	-.500
634.5	2505	2.0	37.7	2.63	3.79	6.42	-.50	.03	-.50	-.500	-.50	-.50	-.500
636.5	2506	2.0	31.1	1.74	4.31	6.05	-.50	.02	-.50	-.500	-.50	-.50	-.500
638.5	2507	2.0	31.9	2.18	3.92	6.10	-.50	.02	-.50	-.500	-.50	-.50	-.500
640.5	2508	2.0	31.7	2.11	4.09	6.20	-.50	.05	-.50	-.500	-.50	-.50	-.500
642.5	2509	2.0	31.2	1.93	3.86	5.79	-.50	.05	-.50	-.500	-.50	-.50	-.500
644.5	2510	2.0	27.9	1.79	4.18	5.97	-.50	.03	-.50	-.500	-.50	-.50	-.500
646.5	2511	2.0	30.0	1.81	3.86	5.67	-.50	.03	-.50	-.500	-.50	-.50	-.500
648.5	2512	2.0	31.1	1.88	4.34	6.22	-.50	.03	-.50	-.500	-.50	-.50	-.500
650.5	2513	2.0	42.0	2.58	3.84	6.42	-.50	.05	-.50	-.500	-.50	-.50	-.500
652.5	2514	2.0	12.9	.80	1.27	2.07	-.50	.03	-.50	-.500	-.50	-.50	-.500
654.5	2515	2.0	16.4	.98	1.41	2.39	-.50	.04	-.50	-.500	-.50	-.50	-.500
656.5	2516	2.0	20.9	1.34	1.92	3.26	-.50	.06	-.50	-.500	-.50	-.50	-.500
658.4	2517	1.7	21.2	1.34	2.33	3.67	-.50	.06	-.50	-.500	-.50	-.50	-.500
696.7	2518	2.1	19.6	1.11	1.98	3.09	-.50	.04	-.50	-.500	-.50	-.50	-.500
698.7	2519	1.8	26.9	1.61	3.22	4.83	-.50	.05	-.50	-.500	-.50	-.50	-.500
700.6	2520	2.0	54.0	2.69	4.33	7.02	-.50	.06	-.50	-.500	-.50	-.50	-.500
702.4	2521	1.6	29.8	1.81	2.50	4.31	-.50	.15	-.50	-.500	-.50	-.50	-.500
704.0	2522	1.6	80.5	5.60	6.81	12.41	-.50	.15	-.50	-.500	-.50	-.50	-.500
705.4	2523	1.2	133.0	7.14	11.60	18.74	-.50	.18	-.50	-.500	-.50	-.50	-.500
803.8	2524	2.0	5.8	.48	.42	.90	-.50	.07	-.50	-.500	-.50	-.50	-.500
805.8	2525	2.0	6.7	.66	.92	1.58	-.50	.05	-.50	-.500	-.50	-.50	-.500
807.9	2526	2.2	4.5	.30	2.48	2.78	-.50	.13	-.50	-.500	-.50	-.50	-.500

FINISHED -- LENGTH = 836.00 METERS ENTRIES = 434

****
* DDH: 77X10R * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 176
POINTS = 172 MAX DDH DEPTH = 451.7 METERS
MAX TRUE DEPTH = 448.3 METERS

EASTING: 0. - 31.5 METERS
NORTHING: 0. - 34.2 METERS

TYPE C DATA (CONTACTS) ----- 32
TYPE F DATA (PLANES) ------- 78
TYPE P DATA (SAMPLES) ------ 0
TYPE S DATA (SYMMETRY) ----- 32
TYPE X DATA (REF MARKERS) -- 22
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.6	01 #	9	219.8	09 5B7	17	317.5	17 5B0	25	376.6	25 3D4
2	46.3	02 5B0	10	261.4	10 5B0	18	327.6	18 5A*	26	441.4	26 3G0
3	48.6	03 5B6	11	263.6	11 5D3	19	335.3	19 5B1	27	445.3	27 3D4
4	89.3	04 5B0	12	270.2	12 5B7	20	338.2	20 5B2	28	445.7	28 3C0
5	99.8	05 5B2	13	270.9	13 5D3	21	366.0	21 5A6	29	448.2	29 3G0
6	167.3	06 5B6	14	285.0	14 5BD	22	372.7	22 5A1	30	450.9	30 3D4
7	202.5	07 5B0	15	290.3	15 5D3	23	374.5	23 3D4	31	451.3	31 3C0
8	203.9	08 5D3	16	309.4	16 5D3	24	375.6	24 3F0	32	451.7	32 3D4

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*     DDH:  77X10R       *    START PLOT NUMBER  1
**************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   1.60 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  17.65 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   451.7 METERS     J =   1 - 172

     MAX PAPER WIDTH REQUIRED:   21.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  77X10R       *    START PLOT NUMBER  2
**************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   1.60 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  17.65 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   451.7 METERS     J =   1 - 172

     MAX PAPER WIDTH REQUIRED:   21.0 INCHES
```

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
3.6	179.8	7.8						68.	185.	22.0	185.0	-21.7	-.19	-.07
11.9	179.3	25.7						78.	185.	12.0	185.0	-11.8	-.20	-.04
19.7	178.8	42.5						81.	185.	9.0	185.0	-8.9	-.20	-.03
29.9	178.3	45.1						85.	185.	5.3	225.1	-4.6	-.20	-.02
36.3	178.1	46.6						75.	185.	16.4	185.0	-16.1	-.19	-.06
38.1	178.0	47.0						74.	185.	17.4	185.0	-17.2	-.19	-.06
42.3	177.8	48.0						74.	185.	17.5	185.0	-17.3	-.19	-.06
47.9	177.5	49.4						76.	185.	15.7	185.0	-15.5	-.19	-.05
53.7	177.3	50.8						84.	185.	7.6	185.0	-7.5	-.20	-.03
59.3	177.0	52.1						86.	185.					
65.4	176.7	53.5						86.	185.					
71.2	176.5	54.9						70.	185.	22.1	185.0	-21.8	-.19	-.07
77.3	176.2	56.4						75.	185.	17.1	185.0	-16.8	-.19	-.06
83.5	175.9	57.8						80.	185.	11.9	185.0	-11.8	-.20	-.04
88.9	175.8	57.6						68.	185.	24.3	185.0	-24.0	-.18	-.08
94.9	175.6	57.2						81.	185.	11.0	185.0	-10.8	-.20	-.04
100.6	175.5	56.8						77.	185.	15.3	185.0	-15.1	-.19	-.05
105.9	175.4	56.5						67.	185.	25.6	185.0	-25.3	-.18	-.09
112.1	175.2	56.1						69.	185.	23.7	185.0	-23.4	-.18	-.08
118.3	175.1	55.7						75.	185.	17.6	185.0	-17.4	-.19	-.06
126.7	174.9	55.2						59.	185.	34.0	185.0	-33.6	-.17	-.11
130.1	174.8	55.0						84.	185.	7.8	185.0	-7.7	-.20	-.03
132.4	174.7	54.8						71.	185.	22.0	185.0	-21.7	-.19	-.07
137.5	174.6	54.5						80.	185.	12.6	185.0	-12.5	-.20	-.04
143.4	174.5	54.1						79.	185.	13.8	185.0	-13.6	-.19	-.05
148.9	174.3	53.8						71.	185.	22.3	185.0	-22.0	-.19	-.07
154.5	174.2	53.4						79.	185.	14.0	185.0	-13.8	-.19	-.05
160.3	174.1	53.1						78.	185.	15.1	185.0	-14.9	-.19	-.05
166.1	173.9	52.7						80.	185.	13.0	185.0	-12.9	-.19	-.04
172.7	173.8	52.3						75.	185.	18.5	185.0	-18.3	-.19	-.06
179.1	173.6	52.9						73.	185.	20.6	185.0	-20.4	-.19	-.07
185.4	173.3	54.1						83.	185.	9.2	185.0	-9.1	-.20	-.03
191.5	173.1	55.3						78.	185.	15.2	185.0	-15.0	-.19	-.05
197.8	172.9	56.6						71.	185.	22.6	185.0	-22.3	-.19	-.08
203.2	172.7	57.6						90.	185.					
208.8	172.5	58.7						82.	185.	9.7	185.0	-9.6	-.20	-.03
214.9	172.2	59.9						80.	185.	12.2	185.0	-12.0	-.20	-.04
220.3	172.0	61.0						74.	185.	19.1	185.0	-18.8	-.19	-.06
226.0	171.8	62.1						79.	185.	13.1	185.0	-12.9	-.19	-.04
231.9	171.6	63.3						80.	185.	11.5	185.0	-11.3	-.20	-.04
237.8	171.4	64.5						78.	185.	13.9	185.0	-13.7	-.19	-.05

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
243.2	171.2	65.5					82. 185.	4.9	185.0	-4.9	-.20	-.02
249.3	170.9	66.8					90. 185.					
255.4	170.7	68.0					81. 185.	.7	185.0	-.7	-.20	-.00
								7.8	185.0	-7.7	-.20	-.03
260.7	170.5	69.0					82. 185.					
266.5	170.3	70.2					82. 185.					
272.2	170.4	67.6					84. 185.					
277.8	170.6	64.9					82. 185.	4.5	185.0	-4.5	-.20	-.02
283.6	170.7	62.1					85. 185.					
289.9	170.9	59.0					73. 185.	20.7	185.0	-20.5	-.19	-.07
294.8	171.0	56.7					74. 185.	20.0	185.0	-19.7	-.19	-.07
300.8	171.2	53.8					82. 185.	1.3	185.0	-1.3	-.20	-.00
								10.3	185.0	-10.2	-.20	-.04
306.1	171.3	51.2					79. 185.	15.1	185.0	-14.9	-.19	-.05
311.6	171.5	48.6					74. 185.	21.1	185.0	-20.8	-.19	-.07
317.8	171.6	45.6					82. 185.	.5	185.0	-.5	-.20	-.00
								12.3	185.0	-12.1	-.20	-.04
323.1	171.8	43.0					78. 185.	17.4	185.0	-17.1	-.19	-.06
328.4	171.9	40.5					75. 185.	20.9	185.0	-20.6	-.19	-.07
332.9	172.0	38.3					20. 185.	76.6	185.0	-76.4	-.05	-.19
340.0	172.2	34.9					65. 185.	31.5	185.0	-31.1	-.17	-.10
344.1	172.3	32.9					55. 185.	41.7	185.0	-41.2	-.15	-.13
350.2	172.5	30.0					85. 185.	2.5	210.0	-2.4	-.20	-.01
								12.5	210.0	-12.1	-.20	-.04
355.7	172.6	27.4					75. 185.	21.6	185.0	-21.3	-.19	-.07
361.3	172.6	24.1					75. 185.	21.8	185.0	-21.5	-.19	-.07
367.0	172.5	20.4					80. 185.	17.0	185.0	-16.8	-.19	-.06
372.4	172.4	16.8					78. 185.	19.3	185.0	-19.1	-.19	-.07
378.3	172.3	13.0					82. 185.	15.6	185.0	-15.3	-.19	-.05
382.8	172.2	10.0					83. 185.	.8	185.0	-.8	-.20	-.00
								14.7	185.0	-14.5	-.19	-.05
389.7	172.0	5.5					80. 185.	18.0	185.0	-17.7	-.19	-.06
396.2	171.9	1.2					75. 185.	23.1	185.0	-22.8	-.18	-.08
401.5	171.8	357.7					75. 185.	23.1	185.0	-22.8	-.18	-.08
407.3	171.6	353.9					80. 185.	18.1	185.0	-17.9	-.19	-.06
413.2	171.5	350.1					83. 185.	1.6	185.0	-1.5	-.20	-.01
								14.9	185.0	-14.7	-.19	-.05
418.9	171.4	346.3					84. 185.	2.8	185.0	-2.8	-.20	-.01
								13.5	185.0	-13.3	-.19	-.05
424.5	171.2	342.7					76. 185.	21.8	185.0	-21.5	-.19	-.07
425.3	171.2	342.1					85. 185.					

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
430.8	171.1	338.5						80.	185.	17.2	185.0	-16.9	-.19	-.06
436.5	171.0	334.8						82.	185.	1.2	185.0	-1.2	-.20	-.00
										14.4	185.0	-14.2	-.19	-.05
447.5	170.7	327.6						84.	185.	5.3	185.0	-5.3	-.20	-.02
										9.5	185.0	-9.3	-.20	-.03

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 77X10R * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.00 - .95 (INCHES)
Y-AXIS BOREHOLE LENGTH: 17.65 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 451.7 METERS J = 1 - 172

MAX PAPER WIDTH REQUIRED: 21.0 INCHES

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
3.6	179.8	7.8						68.	185.	22.0	185.0	4.0	.20	.01
11.9	179.3	25.7						78.	185.	12.0	185.0	2.1	.20	.01
19.7	178.8	42.5						81.	185.	9.0	185.0	1.6	.20	.01
29.9	178.3	45.1						85.	185.	5.3	225.1	-2.7	-.20	-.01
36.3	178.1	46.6						75.	185.	16.4	185.0	2.9	.20	.01
38.1	178.0	47.0						74.	185.	17.4	185.0	3.1	.20	.01
42.3	177.8	48.0						74.	185.	17.5	185.0	3.1	.20	.01
47.9	177.5	49.4						76.	185.	15.7	185.0	2.8	.20	.01
53.7	177.3	50.8						84.	185.	7.6	185.0	1.3	.20	.00
59.3	177.0	52.1						86.	185.					
65.4	176.7	53.5						86.	185.					
71.2	176.5	54.9						70.	185.	22.1	185.0	4.0	.20	.01
77.3	176.2	56.4						75.	185.	17.1	185.0	3.1	.20	.01
83.5	175.9	57.8						80.	185.	11.9	185.0	2.1	.20	.01
88.9	175.8	57.6						68.	185.	24.3	185.0	4.5	.20	.02
94.9	175.6	57.2						81.	185.	11.0	185.0	1.9	.20	.01
100.6	175.5	56.8						77.	185.	15.3	185.0	2.7	.20	.01
105.9	175.4	56.5						67.	185.	25.6	185.0	4.8	.20	.02
112.1	175.2	56.1						69.	185.	23.7	185.0	4.4	.20	.02
118.3	175.1	55.7						75.	185.	17.6	185.0	3.2	.20	.01
126.7	174.9	55.2						59.	185.	34.0	185.0	6.7	.20	.02
130.1	174.8	55.0						84.	185.	7.8	185.0	1.4	.20	.00
132.4	174.7	54.8						71.	185.	22.0	185.0	4.0	.20	.01
137.5	174.6	54.5						80.	185.	12.6	185.0	2.2	.20	.01
143.4	174.5	54.1						79.	185.	13.8	185.0	2.4	.20	.01
148.9	174.3	53.8						71.	185.	22.3	185.0	4.1	.20	.01
154.5	174.2	53.4						79.	185.	14.0	185.0	2.5	.20	.01
160.3	174.1	53.1						78.	185.	15.1	185.0	2.7	.20	.01
166.1	173.9	52.7						80.	185.	13.0	185.0	2.3	.20	.01
172.7	173.8	52.3						75.	185.	18.5	185.0	3.3	.20	.01
179.1	173.6	52.9						73.	185.	20.6	185.0	3.7	.20	.01
185.4	173.3	54.1						83.	185.	9.2	185.0	1.6	.20	.01
191.5	173.1	55.3						78.	185.	15.2	185.0	2.7	.20	.01
197.8	172.9	56.6						71.	185.	22.6	185.0	4.1	.20	.01
203.2	172.7	57.6						90.	185.					
208.8	172.5	58.7						82.	185.	9.7	185.0	1.7	.20	.01
214.9	172.2	59.9						80.	185.	12.2	185.0	2.2	.20	.01
220.3	172.0	61.0						74.	185.	19.1	185.0	3.4	.20	.01
226.0	171.8	62.1						79.	185.	13.1	185.0	2.3	.20	.01
231.9	171.6	63.3						80.	185.	11.5	185.0	2.0	.20	.01
237.8	171.4	64.5						78.	185.	13.9	185.0	2.5	.20	.01

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP		H	V
243.2	171.2	65.5						82. 185.	4.9	185.0	.9		.20	.00
249.3	170.9	66.8						90. 185.						
255.4	170.7	68.0						81. 185.	.7	185.0	.1		.20	.00
									7.8	185.0	1.4		.20	.00
260.7	170.5	69.0						82. 185.						
266.5	170.3	70.2						82. 185.						
272.2	170.4	67.6						84. 185.						
277.8	170.6	64.9						82. 185.	4.5	185.0	.8		.20	.00
283.6	170.7	62.1						85. 185.						
289.9	170.9	59.0						73. 185.	20.7	185.0	3.8		.20	.01
294.8	171.0	56.7						74. 185.	20.0	185.0	3.6		.20	.01
300.8	171.2	53.8						82. 185.	1.3	185.0	.2		.20	.00
									10.3	185.0	1.8		.20	.01
306.1	171.3	51.2						79. 185.	15.1	185.0	2.7		.20	.01
311.6	171.5	48.6						74. 185.	21.1	185.0	3.8		.20	.01
317.8	171.6	45.6						82. 185.	.5	185.0	.1		.20	.00
									12.3	185.0	2.2		.20	.01
323.1	171.8	43.0						78. 185.	17.4	185.0	3.1		.20	.01
328.4	171.9	40.5						75. 185.	20.9	185.0	3.8		.20	.01
332.9	172.0	38.3						20. 185.	76.6	185.0	36.2		.16	.12
340.0	172.2	34.9						65. 185.	31.5	185.0	6.1		.20	.02
344.1	172.3	32.9						55. 185.	41.7	185.0	8.8		.20	.03
350.2	172.5	30.0						85. 185.	2.5	210.0	-.6		-.20	-.00
									12.5	210.0	-3.3		-.20	-.01
355.7	172.6	27.4						75. 185.	21.6	185.0	3.9		.20	.01
361.3	172.6	24.1						75. 185.	21.8	185.0	4.0		.20	.01
367.0	172.5	20.4						80. 185.	17.0	185.0	3.0		.20	.01
372.4	172.4	16.8						78. 185.	19.3	185.0	3.5		.20	.01
378.3	172.3	13.0						82. 185.	15.6	185.0	2.8		.20	.01
382.8	172.2	10.0						83. 185.	.8	185.0	.1		.20	.00
									14.7	185.0	2.6		.20	.01
389.7	172.0	5.5						80. 185.	18.0	185.0	3.2		.20	.01
396.2	171.9	1.2						75. 185.	23.1	185.0	4.2		.20	.01
401.5	171.8	357.7						75. 185.	23.1	185.0	4.2		.20	.01
407.3	171.6	353.9						80. 185.	18.1	185.0	3.3		.20	.01
413.2	171.5	350.1						83. 185.	1.6	185.0	.3		.20	.00
									14.9	185.0	2.6		.20	.01
418.9	171.4	346.3						84. 185.	2.8	185.0	.5		.20	.00
									13.5	185.0	2.4		.20	.01
424.5	171.2	342.7						76. 185.	21.8	185.0	4.0		.20	.01
425.3	171.2	342.1						85. 185.						

****
* DDH: 77X10R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
430.8	171.1	338.5						80.	185.	17.2	185.0	3.1	.20	.01
436.5	171.0	334.8						82.	185.	1.2	185.0	.2	.20	.00
										14.4	185.0	2.6	.20	.01
447.5	170.7	327.6						84.	185.	5.3	185.0	.9	.20	.00
										9.5	185.0	1.7	.20	.01

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*      DDH:  77X10R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 22222222.0  NORTH: 11111111.0
                      ELEV:      952.0


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T77X10R  00009521111111122222222 METERS NOT SURVEYED
     2   R77X10R        0        180.0    0.   PREDICTED
     3   R77X10R      198        178.8   42.7 PREDICTED
     4   R77X10R      838        175.9   57.9 PREDICTED
     5   R77X10R     1753        173.7   52.1 PREDICTED
     6   R77X10R     2667        170.3   70.2 PREDICTED
     7   R77X10R     3581        172.7   26.2 PREDICTED
     8   R77X10R     4496        170.7  326.2 PREDICTED
     9   R77X10R     4517        170.7  326.2 PREDICTED
    10   C77X10R  ELECTRODES INSTALLED AT 451,396,335,
    11   C77X10R  274,213,AND 107 METERS
    12   C77X10R  ELECTRODE AT 396 METERS IS BROKEN
    13   L77X10R  00000 00036 01    #
    14   L77X10R  00036 00463 02 5B0
    15   L77X10R  00463 00486 03 5B6
    16   L77X10R  00486 00893 04 5B0
    17   L77X10R  00893 00998 05 5B2
    18   L77X10R  00998 01673 06 5B6
    19   L77X10R  01673 02025 07 5B0
    20   L77X10R  02025 02039 08 5D3
    21   L77X10R  02039 02198 09 5B7
    22   L77X10R  02198 02614 10 5B0
    23   L77X10R  02614 02636 11 5D3
    24   L77X10R  02636 02702 12 5B7
    25   L77X10R  02702 02709 13 5D3
    26   L77X10R  02709 02850 14 5BD
    27   L77X10R  02850 02903 15 5D3
    28   L77X10R  02903 03094 16 5D3
    29   L77X10R  03094 03175 17 5B0
    30   L77X10R  03175 03276 18 5A*
    31   L77X10R  03276 03353 19 5B1
    32   L77X10R  03353 03382 20 5B2
    33   L77X10R  03382 03660 21 5A6
    34   L77X10R  03660 03727 22 5A1
    35   L77X10R  03727 03745 23 3D4
    36   L77X10R  03745 03756 24 3F0
         1.....1.....2.....3.....4.....5.....6.....7.....8
              0         0         0         0         0         0         0         0
```

****
* DDH: 77X10R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 37   L77X10R  03756 03766 25 3D4
 38   L77X10R  03766 04414 26 3G0
 39   L77X10R  04414 04453 27 3D4
 40   L77X10R  04453 04457 28 3C0
 41   L77X10R  04457 04482 29 3G0
 42   L77X10R  04482 04509 30 3D4
 43   L77X10R  04509 04513 31 3C0
 44   L77X10R  04513 04517 32 3D4
 45   S77X10R        00036 CS2          68185
 46   S77X10R        00119 CS2          78185
 47   S77X10R        00197 CS2          81185
 48   S77X10R        00299 CS2          85185
 49   S77X10R        00335  F2 E
 50   S77X10R        00363 CS2          75185
 51   S77X10R        00368  F2 3
 52   S77X10R        00381 CS2          74185
 53   S77X10R        00393  F2 E
 54   S77X10R        00423 CS2          74185
 55   S77X10R        00444  F2 3
 56   S77X10R        00479 CS2          76185
 57   S77X10R        00510  F2 E
 58   S77X10R        00537 CS2          84185
 59   S77X10R        00587  F2 3
 60   S77X10R        00593 CS2          86185
 61   S77X10R        00637  F2 E
 62   S77X10R        00654 CS2          86185
 63   S77X10R        00677  F2 3
 64   S77X10R        00712 CS2          70185
 65   S77X10R        00773 CS2          75185
 66   S77X10R        00817  F2 E
 67   S77X10R        00835 CS2          80185
 68   S77X10R        00875  F2 3
 69   S77X10R        00889 CS2          68185
 70   S77X10R        00936  F2 E
 71   S77X10R        00949 CS2          81185
 72   S77X10R        01006 CS2          77185
 73   S77X10R        01057  F2 3
 74   S77X10R        01059 CS2          67185
 75   S77X10R        01107  F2 E
 76   S77X10R        01121 CS2          69185
 77   S77X10R        01138  F2 3
 78   S77X10R        01183 CS2          75185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77X10R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 79  S77X10R       01267 CS2         59185
 80  S77X10R       01292  F2 E
 81  S77X10R       01301 CS2         84185
 82  S77X10R       01322  F2 3
 83  S77X10R       01324 CS2         71185
 84  S77X10R       01375 CS2         80185
 85  S77X10R       01434 CS2         79185
 86  S77X10R       01489 CS2         71185
 87  S77X10R       01531  F2 E
 88  S77X10R       01545 CS2         79185
 89  S77X10R       01559  F2 3
 90  S77X10R       01603 CS2         78185
 91  S77X10R       01622  F2 E
 92  S77X10R       01661 CS2         80185
 93  S77X10R       01687  F2 3
 94  S77X10R       01727 CS2         75185
 95  S77X10R       01791 CS2         73185
 96  S77X10R       01854 CS2         83185
 97  S77X10R       01915 CS2         78185
 98  S77X10R       01978 CS2         71185
 99  S77X10R       02032 CS2         90185
100  S77X10R       02061  F2 E
101  S77X10R       02088 CS2         82185
102  S77X10R       02097  F2 M
103  S77X10R       02149 CS2         80185
104  S77X10R       02174  F2 M
105  S77X10R       02203 CS2         74185
106  S77X10R       02260 CS2         79185
107  S77X10R       02319 CS2         80185
108  S77X10R       02332  F2 E
109  S77X10R       02378 CS2         78185
110  S77X10R       02418  F2 3
111  S77X10R       02432 CS2         82185
112  S77X10R       02475  F2 E
113  S77X10R       02493 CS2         90185
114  S77X10R       02542  F2 M
115  S77X10R       02554 CS2         81185
116  S77X10R       02607 CS2         82185
117  S77X10R       02611  F2 M
118  S77X10R       02665 CS2         82185
119  S77X10R       02722 CS2         84185
120  S77X10R       02744  F2 M
       1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77X10R *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
  121  S77X10R        02778 CS2       82185
  122  S77X10R        02836 CS2       85185
  123  S77X10R        02840  F2 M
  124  S77X10R        02899 CS2       73185
  125  S77X10R        02948 CS2       74185
  126  S77X10R        03008 CS2       82185
  127  S77X10R        03061 CS2       79185
  128  S77X10R        03063  F2 E
  129  S77X10R        03079  F2 E
  130  S77X10R        03116 PS2       74185
  131  S77X10R        03178 PS2       82185
  132  S77X10R        03231 PS2       78185
  133  S77X10R        03284 PS2       75185
  134  S77X10R        03329 PS2       20185
  135  S77X10R        03400 PS2       65185
  136  S77X10R        03441 PS2       55185
  137  S77X10R        03502 PS2       85185
  138  S77X10R        03557 PS2       75185
  139  S77X10R        03613 PS2       75185
  140  S77X10R        03670 PS2       80185
  141  S77X10R        03724 PS2       78185
  142  S77X10R        03783 PS2       82185
  143  S77X10R        03828 PS2       83185
  144  S77X10R        03897 PS2       80185
  145  S77X10R        03962 PS2       75185
  146  S77X10R        04015 PS2       75185
  147  S77X10R        04073 PS2       80185
  148  S77X10R        04132 PS2       83185
  149  S77X10R        04189 PS2       84185
  150  S77X10R        04253 PS2       85185
  151  S77X10R        04308 PS2       80185
  152  S77X10R        04365 PS2       82185
  153  S77X10R        04245 PS2       76185
  154  S77X10R        04475 PS2       84185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0     0     0     0     0     0     0     0
```

DDH: 77X10R -- SUMMARY OF DATA INPUT

RECORDS READ = 154 RELEASED TO SORT 176
TYPE-L = 32
TYPE-P = 0
TYPE-R = 8
TYPE-S = 110
TYPE-X = 22
TYPE-A = 0
TYPE-V = 0 (GENERATED TO DEPTH: 440.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 451.7 METERS

```
**************************
*      DDH:  77X10R      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 22222222.0  NORTH: 11111111.0     NOT SURVEYED
                      ELEV:      952.0

    ----  UNITS OF MEASUREMENT ARE METERS  ----

      COMMENT:  ELECTRODE AT 396 METERS IS BROKEN

      COMMENT:  274,213,AND 107 METERS

      COMMENT:  ELECTRODES INSTALLED AT 451,396,335,

      BOREHOLE SECTION  1  --  DEPTH:          0.    -    19.80 METERS
                               ZENITH ANG:  180.00  -   178.80
                               AZIMUTH:       0.    -    42.70

      BOREHOLE SECTION  2  --  DEPTH:         19.80  -    83.80 METERS
                               ZENITH ANG:  178.80  -   175.90
                               AZIMUTH:      42.70  -    57.90

      BOREHOLE SECTION  3  --  DEPTH:         83.80  -   175.30 METERS
                               ZENITH ANG:  175.90  -   173.70
                               AZIMUTH:      57.90  -    52.10

      BOREHOLE SECTION  4  --  DEPTH:        175.30  -   266.70 METERS
                               ZENITH ANG:  173.70  -   170.30
                               AZIMUTH:      52.10  -    70.20

      BOREHOLE SECTION  5  --  DEPTH:        266.70  -   358.10 METERS
                               ZENITH ANG:  170.30  -   172.70
                               AZIMUTH:      70.20  -    26.20

      BOREHOLE SECTION  6  --  DEPTH:        358.10  -   449.60 METERS
                               ZENITH ANG:  172.70  -   170.70
                               AZIMUTH:      26.20  -   326.20

      BOREHOLE SECTION  7  --  DEPTH:        449.60  -   451.70 METERS
                               ZENITH ANG:  170.70  -   170.70
                               AZIMUTH:     326.20  -   326.20

FINISHED -- BOREHOLE LENGTH =    451.70 METERS
            FILE SIZE =      173
```

****
* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		STRUCTURAL LOG		S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.6	L	01 #									3.6	.0	.0	179.8	7.8
3.6	S				CS2				68.	185.	3.6	.0	.0	179.8	7.8
11.9	S				CS2				78.	185.	11.9	.0	.1	179.3	25.7
19.7	S				CS2				81.	185.	19.7	.1	.2	178.8	42.5
19.8	R										19.8	.1	.2	178.8	42.7
29.9	S				CS2				85.	185.	29.9	.3	.4	178.3	45.1
33.5	S				F2	E					33.5	.4	.4	178.2	46.0
36.3	S				CS2				75.	185.	36.3	.4	.5	178.1	46.6
36.8	S				F2	3					36.8	.4	.5	178.0	46.7
38.1	S				CS2				74.	185.	38.1	.5	.5	178.0	47.0
39.3	S				F2	E					39.3	.5	.6	177.9	47.3
42.3	S				CS2				74.	185.	42.3	.6	.6	177.8	48.0
44.4	S				F2	3					44.4	.6	.7	177.7	48.5
46.3	L	02 5B0									46.3	.7	.8	177.6	49.0
47.9	S				CS2				76.	185.	47.9	.7	.8	177.5	49.4
48.6	L	03 5B6									48.6	.8	.8	177.5	49.5
51.0	S				F2	E					51.0	.9	.9	177.4	50.1
53.7	S				CS2				84.	185.	53.7	1.0	1.0	177.3	50.8
58.7	S				F2	3					58.7	1.1	1.1	177.0	51.9
59.3	S				CS2				86.	185.	59.3	1.2	1.1	177.0	52.1
63.7	S				F2	E					63.7	1.4	1.3	176.8	53.1
65.4	S				CS2				86.	185.	65.4	1.4	1.3	176.7	53.5
67.7	S				F2	3					67.7	1.5	1.4	176.6	54.1
71.2	S				CS2				70.	185.	71.2	1.7	1.5	176.5	54.9
77.3	S				CS2				75.	185.	77.2	2.0	1.8	176.2	56.4
81.7	S				F2	E					81.6	2.3	1.9	176.0	57.4
83.5	S				CS2				80.	185.	83.4	2.4	2.0	175.9	57.8

****
* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
83.8	R									83.7	2.4	2.0	175.9	57.9
87.5	S				F2	3				87.4	2.6	2.2	175.8	57.7
88.9	S				CS2				68. 185.	88.8	2.7	2.2	175.8	57.6
89.3	L	04 5B0								89.2	2.8	2.2	175.8	57.6
93.6	S				F2	E				93.5	3.0	2.4	175.7	57.3
94.9	S				CS2				81. 185.	94.8	3.1	2.4	175.6	57.2
99.8	L	05 5B2								99.7	3.4	2.7	175.5	56.9
100.6	S				CS2				77. 185.	100.5	3.5	2.7	175.5	56.8
105.7	S				F2	3				105.6	3.8	2.9	175.4	56.5
105.9	S				CS2				67. 185.	105.8	3.8	2.9	175.4	56.5
110.7	S				F2	E				110.5	4.2	3.1	175.3	56.2
112.1	S				CS2				69. 185.	111.9	4.2	3.2	175.2	56.1
113.8	S				F2	3				113.6	4.4	3.3	175.2	56.0
118.3	S				CS2				75. 185.	118.1	4.7	3.5	175.1	55.7
126.7	S				CS2				59. 185.	126.5	5.3	3.9	174.9	55.2
129.2	S				F2	E				129.0	5.5	4.0	174.8	55.0
130.1	S				CS2				84. 185.	129.9	5.5	4.1	174.8	55.0
132.2	S				F2	3				132.0	5.7	4.2	174.7	54.8
132.4	S				CS2				71. 185.	132.2	5.7	4.2	174.7	54.8
137.5	S				CS2				80. 185.	137.2	6.1	4.5	174.6	54.5
143.4	S				CS2				79. 185.	143.1	6.6	4.8	174.5	54.1
148.9	S				CS2				71. 185.	148.6	7.0	5.1	174.3	53.8
153.1	S				F2	E				152.8	7.3	5.4	174.2	53.5
154.5	S				CS2				79. 185.	154.2	7.4	5.5	174.2	53.4
155.9	S				F2	3				155.5	7.6	5.5	174.2	53.3
160.3	S				CS2				78. 185.	159.9	7.9	5.8	174.1	53.1
162.2	S				F2	E				161.8	8.1	5.9	174.0	52.9
166.1	S				CS2				80. 185.	165.7	8.4	6.2	173.9	52.7
167.3	L	06 5B6								166.9	8.5	6.3	173.9	52.6
168.7	S				F2	3				168.3	8.6	6.4	173.9	52.5
172.7	S				CS2				75. 185.	172.3	9.0	6.6	173.8	52.3

****
* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
175.3	R								174.8	9.2	6.8	173.7	52.1
179.1	S				CS2			73. 185.	178.6	9.5	7.0	173.6	52.9
185.4	S				CS2			83. 185.	184.9	10.1	7.5	173.3	54.1
191.5	S				CS2			78. 185.	190.9	10.7	7.9	173.1	55.3
197.8	S				CS2			71. 185.	197.2	11.3	8.3	172.9	56.6
202.5	L	07 5B0							201.8	11.8	8.6	172.7	57.5
203.2	S				CS2			90. 185.	202.5	11.9	8.7	172.7	57.6
203.9	L	08 5D3							203.2	12.0	8.7	172.6	57.8
206.1	S				F2	E			205.4	12.2	8.9	172.6	58.2
208.8	S				CS2			82. 185.	208.1	12.5	9.1	172.5	58.7
209.7	S				F2	M			209.0	12.6	9.1	172.4	58.9
214.9	S				CS2			80. 185.	214.1	13.2	9.5	172.2	59.9
217.4	S				F2	M			216.6	13.5	9.7	172.1	60.4
219.8	L	09 5B7							219.0	13.8	9.8	172.0	60.9
220.3	S				CS2			74. 185.	219.5	13.9	9.9	172.0	61.0
226.0	S				CS2			79. 185.	225.1	14.6	10.2	171.8	62.1
231.9	S				CS2			80. 185.	231.0	15.3	10.6	171.6	63.3
233.2	S				F2	E			232.3	15.5	10.7	171.5	63.6
237.8	S				CS2			78. 185.	236.8	16.1	11.0	171.4	64.5
241.8	S				F2	3			240.8	16.6	11.3	171.2	65.3
243.2	S				CS2			82. 185.	242.1	16.8	11.4	171.2	65.5
247.5	S				F2	E			246.4	17.5	11.6	171.0	66.4
249.3	S				CS2			90. 185.	248.2	17.7	11.7	170.9	66.8
254.2	S				F2	M			253.0	18.4	12.0	170.8	67.7
255.4	S				CS2			81. 185.	254.2	18.6	12.1	170.7	68.0
260.7	S				CS2			82. 185.	259.4	19.4	12.4	170.5	69.0
261.1	S				F2	M			259.8	19.5	12.5	170.5	69.1
261.4	L	10 5B0							260.1	19.5	12.5	170.5	69.2
263.6	L	11 5D3							262.3	19.9	12.6	170.4	69.6
266.5	S				CS2			82. 185.	265.1	20.3	12.8	170.3	70.2

****
* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		STRUCTURAL LOG		S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
266.7	R										265.3	20.3	12.8	170.3	70.2
270.2	L	12 5B7									268.8	20.9	13.0	170.4	68.5
270.9	L	13 5D3									269.5	21.0	13.0	170.4	68.2
272.2	S				CS2				84.	185.	270.8	21.2	13.1	170.4	67.6
274.4	S				F2	M					272.9	21.5	13.2	170.5	66.5
277.8	S				CS2				82.	185.	276.3	22.0	13.5	170.6	64.9
283.6	S				CS2				85.	185.	282.0	22.9	13.9	170.7	62.1
284.0	S				F2	M					282.4	22.9	13.9	170.8	61.9
285.0	L	14 5BD									283.4	23.1	14.0	170.8	61.4
289.9	S				CS2				73.	185.	288.2	23.8	14.4	170.9	59.0
290.3	L	15 5D3									288.6	23.8	14.4	170.9	58.8
294.8	S				CS2				74.	185.	293.1	24.4	14.8	171.0	56.7
300.8	S				CS2				82.	185.	299.0	25.2	15.3	171.2	53.8
306.1	S				CS2				79.	185.	304.2	25.8	15.8	171.3	51.2
306.3	S				F2	E					304.4	25.8	15.8	171.3	51.1
307.9	S				F2	E					306.0	26.0	16.0	171.4	50.4
309.4	L	16 5D3									307.5	26.2	16.1	171.4	49.6
311.6	S				PS2				74.	185.	309.7	26.4	16.3	171.5	48.6
317.5	L	17 5B0									315.5	27.1	16.9	171.6	45.7
317.8	S				PS2				82.	185.	315.8	27.1	17.0	171.6	45.6
323.1	S				PS2				78.	185.	321.0	27.6	17.5	171.8	43.0
327.6	L	18 5A*									325.5	28.1	18.0	171.9	40.9
328.4	S				PS2				75.	185.	326.3	28.1	18.1	171.9	40.5
332.9	S				PS2				20.	185.	330.8	28.5	18.6	172.0	38.3
335.3	L	19 5B1									333.1	28.7	18.8	172.1	37.2
338.2	L	20 5B2									336.0	29.0	19.1	172.2	35.8
340.0	S				PS2				65.	185.	337.8	29.1	19.3	172.2	34.9
344.1	S				PS2				55.	185.	341.8	29.4	19.8	172.3	32.9
350.2	S				PS2				85.	185.	347.9	29.9	20.5	172.5	30.0
355.7	S				PS2				75.	185.	353.3	30.2	21.1	172.6	27.4

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* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
358.1	R								355.7	30.3	21.4	172.7	26.2
361.3	S				PS2			75. 185.	358.9	30.5	21.8	172.6	24.1
366.0	L	21 5A6							363.6	30.7	22.3	172.5	21.0
367.0	S				PS2			80. 185.	364.6	30.8	22.4	172.5	20.4
372.4	S				PS2			78. 185.	369.9	31.0	23.1	172.4	16.8
372.7	L	22 5A1							370.2	31.0	23.1	172.4	16.6
374.5	L	23 3D4							372.0	31.1	23.4	172.3	15.4
375.6	L	24 3F0							373.1	31.1	23.5	172.3	14.7
376.6	L	25 3D4							374.1	31.2	23.6	172.3	14.1
378.3	S				PS2			82. 185.	375.8	31.2	23.9	172.3	13.0
382.8	S				PS2			83. 185.	380.2	31.3	24.5	172.2	10.0
389.7	S				PS2			80. 185.	387.0	31.5	25.4	172.0	5.5
396.2	S				PS2			75. 185.	393.5	31.5	26.3	171.9	1.2
401.5	S				PS2			75. 185.	398.7	31.5	27.1	171.8	357.7
407.3	S				PS2			80. 185.	404.5	31.4	27.9	171.6	353.9
413.2	S				PS2			83. 185.	410.3	31.3	28.8	171.5	350.1
418.9	S				PS2			84. 185.	415.9	31.2	29.6	171.4	346.3
424.5	S				PS2			76. 185.	421.5	30.9	30.4	171.2	342.7
425.3	S				PS2			85. 185.	422.3	30.9	30.5	171.2	342.1
430.8	S				PS2			80. 185.	427.7	30.6	31.3	171.1	338.5
436.5	S				PS2			82. 185.	433.3	30.3	32.1	171.0	334.8
441.4	L	26 3G0							438.2	29.9	32.8	170.9	331.6
445.3	L	27 3D4							442.0	29.6	33.4	170.8	329.0
445.7	L	28 3C0							442.4	29.6	33.4	170.8	328.8
447.5	S				PS2			84. 185.	444.2	29.4	33.7	170.7	327.6
448.2	L	29 3G0							444.9	29.4	33.8	170.7	327.1
449.6	R								446.3	29.2	34.0	170.7	326.2
450.9	L	30 3D4							447.5	29.1	34.1	170.7	326.2
451.3	L	31 3C0							447.9	29.1	34.2	170.7	326.2
451.7	L	32 3D4							448.3	29.0	34.2	170.7	326.2

****
* DDH: 77X10R * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 22222222.0 METERS NORTH: 11111111.0 METERS ELEV: 952.0 METERS NOT SURVEYED

COMMENT: ELECTRODE AT 396 METERS IS BROKEN
COMMENT: 274,213,AND 107 METERS
COMMENT: ELECTRODES INSTALLED AT 451,396,335,

DDH			GEOCHM LOG		STRUCTURAL LOG						TRUE				
							S1		S2						
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
451.7	R										448.3	29.0	34.2	170.7	326.2

FINISHED -- LENGTH = 451.70 METERS ENTRIES = 173

****
* DDH: 77-X-11 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320000.0 NORTH: 22646610.0
ELEV: 1068.0

---- THE DRILLHOLE DATA FOLLOWS (DEPTHS ARE IN METERS) ----

```
                1       2       3       4       5       6       7       8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   1   T77-X-11 0001068226466100032000 METERS INCOMPLETE
   2   R77-X-11 00000       180.0 000.0 AT COLLAR
   3   R77-X-11 00801       175.0 008.0
   4   R77-X-11 01719       171.0 345.0
   5   R77-X-11 02633       170.5 311.0
   6   R77-X-11 03548       168.0 349.0
   7   R77-X-11 04493       167.5 351.0
   8   R77-X-11 05437       164.3 356.0
   9   R77-X-11 06260       165.5 097.0
  10   C77-X-11 HOLE TO BE COMPLETED IN 1978 -HOLE
  11   C77-X-11 STOPPED ON DEC.4 DUE TO COLD WEATHER
  12   L77-X-11 00000 00052 01   #
  13   L77-X-11 00052 00081 02 5D3
  14   L77-X-11 00081 00265 03 5B0
  15   L77-X-11 00265 00270 04 5C6
  16   L77-X-11 00270 01240 05 5B0
  17   L77-X-11 01240 01362 06 5B2
  18   L77-X-11 01362 01372 07 0Q0
  19   L77-X-11 01372 01500 08 5B2
  20   L77-X-11 01500 01529 09 5G3
  21   L77-X-11 01529 01566 10 5B2
  22   L77-X-11 01566 01631 11 5G3
  23   L77-X-11 01631 01683 12 5B0
  24   L77-X-11 01683 01693 13 5D3
  25   L77-X-11 01693 01733 14 5B0
  26   L77-X-11 01733 01767 15 5B0
  27   L77-X-11 01767 01866 16 5B0
  28   L77-X-11 01866 02008 17 5D3
  29   L77-X-11 02008 02022 18 5B0
  30   L77-X-11 02022 02051 19 5D3
  31   L77-X-11 02051 02057 20 5B0
  32   L77-X-11 02057 02067 21 5D3
  33   L77-X-11 02067 02075 22 5B0
  34   L77-X-11 02075 02094 23 5D3
  35   L77-X-11 02094 02102 24 5B0
  36   L77-X-11 02102 02119 25 5D3
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0       0       0       0       0       0       0       0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.........0.........0.........0.........0.........0.........0.........0.........0.
   37 L77-X-11 02119 02155 26 5B0
   38 L77-X-11 02155 02236 27 5D3
   39 L77-X-11 02236 02289 28 5C6
   40 L77-X-11 02289 02310 29 5D6
   41 L77-X-11 02310 02320 30 5D6
   42 L77-X-11 02320 02425 31 5B0
   43 L77-X-11 02425 02431 32 5D3
   44 L77-X-11 02431 02450 33 5C6
   45 L77-X-11 02450 02460 34 5D3
   46 L77-X-11 02460 02628 35 5B0
   47 L77-X-11 02628 03008 36 5B0
   48 L77-X-11 03008 03012 37 5D3
   49 L77-X-11 03012 03075 38 5B0
   50 L77-X-11 03075 03080 39 5D3
   51 L77-X-11 03080 03180 40 5B0
   52 L77-X-11 03180 03498 41 5B0
   53 L77-X-11 03498 03603 42 5B0
   54 L77-X-11 03603 03615 43 5D3
   55 L77-X-11 03615 03671 44 5B0
   56 L77-X-11 03671 03680 45 5D3
   57 L77-X-11 03680 03717 46 5B0
   58 L77-X-11 03717 03724 47 5D3
   59 L77-X-11 03724 03984 48 5B0
   60 L77-X-11 03984 04131 49 5B0
   61 L77-X-11 04131 04136 50 5D6
   62 L77-X-11 04136 04190 51 5B0
   63 L77-X-11 04190 04195 52 5D3
   64 L77-X-11 04195 04250 53 5B0
   65 L77-X-11 04250 04270 54 5D6
   66 L77-X-11 04270 04299 55 5B6
   67 L77-X-11 04299 04306 56 5D6
   68 L77-X-11 04306 04383 57 5B0
   69 L77-X-11 04383 04397 58 5D3
   70 L77-X-11 04397 04957 59 5B0
   71 L77-X-11 04957 05045 60 5DB
   72 L77-X-11 05045 05414 61 5B0
   73 L77-X-11 05414 05497 62 5B0
   74 L77-X-11 05497 05513 63 4H1
   75 L77-X-11 05513 05515 64 5B6
   76 L77-X-11 05515 05528 65 4E7
   77 L77-X-11 05528 05532 66 5B6
   78 L77-X-11 05532 05548 67 4E7
      1.........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79 L77-X-11 05548 05571 68 4L0
   80 L77-X-11 05571 05577 69 4G7
   81 L77-X-11 05577 05582 70 4D7
   82 L77-X-11 05582 05588 71 5D6
   83 L77-X-11 05588 05603 72 4C7
   84 L77-X-11 05603 05607 73 4L0
   85 L77-X-11 05607 05617 74 4A0
   86 L77-X-11 05617 05637 75 4E6
   87 L77-X-11 05637 05641 76 4C0
   88 L77-X-11 05641 05651 77 4A0
   89 L77-X-11 05651 05675 78 4C0
   90 L77-X-11 05675 05679 79 4A0
   91 L77-X-11 05679 05683 80 5D6
   92 L77-X-11 05683 05700 81 4A0
   93 L77-X-11 05700 05703 82 5D6
   94 L77-X-11 05703 05710 83 4A0
   95 L77-X-11 05710 05716 84 4C0
   96 L77-X-11 05716 05729 85 5B6
   97 L77-X-11 05729 05740 86 4A0
   98 L77-X-11 05740 05785 87 5B6
   99 L77-X-11 05785 05823 88 4A0
  100 L77-X-11 05823 05872 89 4L0
  101 L77-X-11 05872 05886 90 0Q0
  102 L77-X-11 05886 05890 91 5B6
  103 L77-X-11 05890 06105 92 4L0
  104 L77-X-11 06105 06151 93 5B6
  105 L77-X-11 06151 06189 94 4L0
  106 L77-X-11 06189 06198 95 5B6
  107 L77-X-11 06198 06296 96 4L0
  108 L77-X-11 06296 06331 97 5B6
  109 S77-X-11       00055 CS2       69185
  110 S77-X-11       00109 CS2       81185
  111 S77-X-11       00165 CS2       72185
  112 S77-X-11       00226 CS2       67185
  113 S77-X-11       00283 CS2       76185
  114 S77-X-11       00338 CS2       78185
  115 S77-X-11       00345  F2 E
  116 S77-X-11       00357 CS2       77185
  117 S77-X-11       00364  F2 3
  118 S77-X-11       00394 CS2       81185
  119 S77-X-11       00449 CS2       76185
  120 S77-X-11       00507 CS2       71185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
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* DDH: 77-X-11 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121 S77-X-11      00514  F2 E
  122 S77-X-11      00523 CS2         82185
  123 S77-X-11      00533  F2 3
  124 S77-X-11      00566 CS2         90185
  125 S77-X-11      00599  F2 E
  126 S77-X-11      00623 CS2         78185
  127 S77-X-11      00633  F2 3
  128 S77-X-11      00660 CS2         86185
  129 S77-X-11      00670  F2 E
  130 S77-X-11      00697 CS2         90185
  131 S77-X-11      00746  F2 3
  132 S77-X-11      00753 CS2         69185
  133 S77-X-11      00770  F2 E
  134 S77-X-11      00809 CS2         69185
  135 S77-X-11      00813  F2 3
  136 S77-X-11      00876 CS2         74185
  137 S77-X-11      00940 CS2         71185
  138 S77-X-11      00984 CS2         65185
  139 S77-X-11      01039 CS2         43185
  140 S77-X-11      01070  F2 E
  141 S77-X-11      01094 CS2         82185
  142 S77-X-11      01149 CS2         82185
  143 S77-X-11      01204 CS2         83185
  144 S77-X-11      01259 CS2         84185
  145 S77-X-11      01317 CS2         81185
  146 S77-X-11      01375 CS2         83185
  147 S77-X-11      01435 CS2         63185
  148 S77-X-11      01479  F2 3
  149 S77-X-11      01500 CS2         79185
  150 S77-X-11      01554  F2 E
  151 S77-X-11      01564 CS2         73185
  152 S77-X-11      01598  F2 3
  153 S77-X-11      01619 CS2         63185
  154 S77-X-11      01646  F2 E
  155 S77-X-11      01667 CS2         81185
  156 S77-X-11      01668  F2 3
  157 S77-X-11      01676 CS2         65185
  158 S77-X-11      01733 CS2         86185
  159 S77-X-11      01789 CS2         70185
  160 S77-X-11      01843 CS2         81185
  161 S77-X-11      01901 CS2         80185
  162 S77-X-11      01958 CS2         69185
      1.....1.....2.....3.....4.....5.....6.....7.....8
               0     0     0     0     0     0     0     0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 S77-X-11      02018 CS2       76185
  164 S77-X-11      02071 CS2       82185
  165 S77-X-11      02128 CS2       78185
  166 S77-X-11      02186 CS2       73185
  167 S77-X-11      02236  F2 S
  168 S77-X-11      02242 PS2       78185
  169 S77-X-11      02299 PS2       70185
  170 S77-X-11      02310  F2 S
  171 S77-X-11      02349 CS2       74185
  172 S77-X-11      02354  F2 S
  173 S77-X-11      02399 CS2       90185
  174 S77-X-11      02409  F2 S
  175 S77-X-11      02430 CS2       70185
  176 S77-X-11      02490 CS2       85185
  177 S77-X-11      02528 CS2       82185
  178 S77-X-11      02572  F2 E
  179 S77-X-11      02586 CS2       65185
  180 S77-X-11      02628  F2 3
  181 S77-X-11      02643 CS2       73185
  182 S77-X-11      02703 CS2       65185
  183 S77-X-11      02712  F2 E
  184 S77-X-11      02749 CS2       74185
  185 S77-X-11      02763  F2 3
  186 S77-X-11      02810 CS2       68185
  187 S77-X-11      02869 CS2       75185
  188 S77-X-11      02926 CS2       85185
  189 S77-X-11      02935  F2 E
  190 S77-X-11      02982 CS2       90185
  191 S77-X-11      03024  F2 3
  192 S77-X-11      03039 CS2       83185
  193 S77-X-11      03100 CS2       90185
  194 S77-X-11      03151 CS2       77185
  195 S77-X-11      03208 CS2       83185
  196 S77-X-11      03266 CS2       78185
  197 S77-X-11      03323 CS2       84185
  198 S77-X-11      03347  F2 E
  199 S77-X-11      03384 CS2       81185
  200 S77-X-11      03438  F2 3
  201 S77-X-11      03460 CS2       83185
  202 S77-X-11      03491 CS2       71185
  203 S77-X-11      03553 CS2       81185
  204 S77-X-11      03615 CS2       74185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0
  205  S77-X-11       03643  F2 E
  206  S77-X-11       03668 CS2          85185
  207  S77-X-11       03722  F2 3
  208  S77-X-11       03723 CS2          84185
  209  S77-X-11       03747  F2 E
  210  S77-X-11       03779 CS2          85185
  211  S77-X-11       03799  F2 3
  212  S77-X-11       03835 CS2          80185
  213  S77-X-11       03892 CS2          83185
  214  S77-X-11       03944 CS2          73185
  215  S77-X-11       04007 CS2          77185
  216  S77-X-11       04070 CS2          71185
  217  S77-X-11       04123 CS2          81185
  218  S77-X-11       04128  F2 E
  219  S77-X-11       04172 CS2          74185
  220  S77-X-11       04219  F2 3
  221  S77-X-11       04239 CS2          73185
  222  S77-X-11       04247  F2 E
  223  S77-X-11       04289 CS2          81185
  224  S77-X-11       04316  F2 3
  225  S77-X-11       04347 CS2          70185
  226  S77-X-11       04405 CS2          78185
  227  S77-X-11       04412  F2 E
  228  S77-X-11       04459 CS2          90185
  229  S77-X-11       04460  F2 3
  230  S77-X-11       04518 CS2          68185
  231  S77-X-11       04545 CS2          85185
  232  S77-X-11       04615  F2 E
  233  S77-X-11       04631 CS2          78185
  234  S77-X-11       04643  F2 3
  235  S77-X-11       04710 CS2          78185
  236  S77-X-11       04772 CS2          90185
  237  S77-X-11       04827 CS2          80185
  238  S77-X-11       04884 CS2          84185
  239  S77-X-11       04943 CS2          71185
  240  S77-X-11       05000 CS2          76185
  241  S77-X-11       05059 CS2          81185
  242  S77-X-11       05073  F2 E
  243  S77-X-11       05121 CS2          73185
  244  S77-X-11       05146  F2 3
  245  S77-X-11       05170 CS2          79185
  246  S77-X-11       05265 CS2          74185
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0     0     0     0     0     0     0     0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247  S77-X-11       05282  F2 S
  248  S77-X-11       05328  F2 S
  249  S77-X-11       05329 CS2          72185
  250  S77-X-11       05381 CS2          68185
  251  S77-X-11       05415  F2 S
  252  S77-X-11       05515 PS2          60185
  253  S77-X-11       05571 PS2          69185
  254  S77-X-11       05630 PS2          69185
  255  S77-X-11       05685 PS2          76185
  256  S77-X-11       05696  F2 S
  257  S77-X-11       05740 CS2          69185
  258  S77-X-11       05759  F2 M
  259  S77-X-11       05797 CS2          70185
  260  S77-X-11       05851 CS2          71185
  261  S77-X-11       05866  F2 M
  262  S77-X-11       05910 CS2          77185
  263  S77-X-11       05964 CS2          74185
  264  S77-X-11       06021 CS2          74185
  265  S77-X-11       06054  F2 E
  266  S77-X-11       06081 CS2          76185
  267  S77-X-11       06105  F2 3
  268  S77-X-11       06133 CS2          85185
  269  S77-X-11       06191 CS2          75185
  270  S77-X-11       06242 CS2          81185
  271  S77-X-11       06311 CS2          80185
  272  P77-X-11 05497 05513 002527
  273  P77-X-11 05515 05528 002528
  274  P77-X-11 05532 05548 002529
  275  P77-X-11 05548 05571 002530
  276  P77-X-11 05571 05582 002531
  277  P77-X-11 05588 05603 002532
  278  P77-X-11 05607 05617 002533
  279  P77-X-11 05617 05637 002534
  280  P77-X-11 05637 05651 002535
  281  P77-X-11 05651 05665 002536
  282  P77-X-11 05665 05679 002537
  283  P77-X-11 05683 05700 002538
  284  P77-X-11 05703 05716 002539
  285  P77-X-11 05716 05729 002540
  286  P77-X-11 05729 05740 002541
  287  P77-X-11 05740 05760 002542
  288  P77-X-11 05760 05770 002543
       1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 77-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  289  P77-X-11 05770 05785 002544
  290  P77-X-11 05785 05805 002545
  291  P77-X-11 05805 05823 002546
  292  P77-X-11 05823 05843 002547
  293  A77-X-11 549.7551.3  02527 1.6  0394 0304 0434  738 -.50.13-.5 -.5 -.5 -.5 -.5
  294  A77-X-11 551.5552.8  02528 1.3  0768 0619 0849 1468 -.50.18-.5 -.5 -.5 -.5 -.5
  295  A77-X-11 553.2554.8  02529 1.6  0647 0515 0636 1151 -.50.15-.5 -.5 -.5 -.5 -.5
  296  A77-X-11 554.8557.1  02530 2.3  0094 0052 0054  106 -.50.10-.5 -.5 -.5 -.5 -.5
  297  A77-X-11 557.1558.2  02531 1.1  0445 0342 0388  730 -.50.11-.5 -.5 -.5 -.5 -.5
  298  A77-X-11 558.8560.3  02532 1.5  0155 0106 0172  278 -.50.13-.5 -.5 -.5 -.5 -.5
  299  A77-X-11 560.7561.7  02533 1.0  0222 0172 0220  392 -.50.21-.5 -.5 -.5 -.5 -.5
  300  A77-X-11 561.7563.7  02534 2.0  0426 0224 0136  360 -.50.23-.5 -.5 -.5 -.5 -.5
  301  A77-X-11 563.7565.1  02535 1.4  0304 0212 0310  522 -.50.07-.5 -.5 -.5 -.5 -.5
  302  A77-X-11 565.1566.5  02536 1.4  0118 0058 0102  160 -.50.19-.5 -.5 -.5 -.5 -.5
  303  A77-X-11 566.5567.9  02537 1.4  0178 0124 0114  238 -.50.07-.5 -.5 -.5 -.5 -.5
  304  A77-X-11 568.3570.0  02538 1.7  0170 0100 0116  216 -.50.08-.5 -.5 -.5 -.5 -.5
  305  A77-X-11 570.3571.6  02539 1.3  0143 0090 0086  176 -.50.11-.5 -.5 -.5 -.5 -.5
  306  A77-X-11 571.6572.9  02540 1.3  0049 0014 0003   17 -.50.04-.5 -.5 -.5 -.5 -.5
  307  A77-X-11 572.9574.0  02541 1.1  0075 0028 0008   36 -.50.18-.5 -.5 -.5 -.5 -.5
  308  A77-X-11 574.0576.0  02542 2.0  0060 0028 0020   48 -.50.03-.5 -.5 -.5 -.5 -.5
  309  A77-X-11 576.0577.0  02543 1.0  0130 0072 0013   85 -.50.03-.5 -.5 -.5 -.5 -.5
  310  A77-X-11 577.0578.5  02544 1.5  0092 0054 0020   74 -.50.02-.5 -.5 -.5 -.5 -.5
  311  A77-X-11 578.5580.5  02545 2.0  0202 0156 0196  352 -.50.11-.5 -.5 -.5 -.5 -.5
  312  A77-X-11 580.5582.3  02546 1.8  0201 0148 0225  373 -.50.12-.5 -.5 -.5 -.5 -.5
  313  A77-X-11 582.3584.3  02547 2.0  0030 0012 0020   32 -.50.04-.5 -.5 -.5 -.5 -.5
       1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

DDH: 77-X-11 -- SUMMARY OF DATA INPUT

RECORDS READ = 313 RELEASED TO SORT 386
TYPE-L = 97
TYPE-P = 21
TYPE-R = 8
TYPE-S = 163
TYPE-X = 31
TYPE-A = 42
TYPE-V = 21 (GENERATED TO DEPTH: 620.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 633.1 METERS

****
* DDH: 77-X-11 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320000.0 NORTH: 22646610.0 INCOMPLETE
ELEV: 1068.0

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER

COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

BOREHOLE SECTION 1 --	DEPTH:	0.	-	80.10	METERS
	ZENITH ANG:	180.00	-	175.00	
	AZIMUTH:	0.	-	8.00	
BOREHOLE SECTION 2 --	DEPTH:	80.10	-	171.90	METERS
	ZENITH ANG:	175.00	-	171.00	
	AZIMUTH:	8.00	-	345.00	
BOREHOLE SECTION 3 --	DEPTH:	171.90	-	263.30	METERS
	ZENITH ANG:	171.00	-	170.50	
	AZIMUTH:	345.00	-	311.00	
BOREHOLE SECTION 4 --	DEPTH:	263.30	-	354.80	METERS
	ZENITH ANG:	170.50	-	168.00	
	AZIMUTH:	311.00	-	349.00	
BOREHOLE SECTION 5 --	DEPTH:	354.80	-	449.30	METERS
	ZENITH ANG:	168.00	-	167.50	
	AZIMUTH:	349.00	-	351.00	
BOREHOLE SECTION 6 --	DEPTH:	449.30	-	543.70	METERS
	ZENITH ANG:	167.50	-	164.30	
	AZIMUTH:	351.00	-	356.00	
BOREHOLE SECTION 7 --	DEPTH:	543.70	-	626.00	METERS
	ZENITH ANG:	164.30	-	165.50	
	AZIMUTH:	356.00	-	97.00	
BOREHOLE SECTION 8 --	DEPTH:	626.00	-	633.10	METERS
	ZENITH ANG:	165.50	-	165.50	
	AZIMUTH:	97.00	-	97.00	

FINISHED -- BOREHOLE LENGTH = 633.10 METERS
FILE SIZE = 385

****
* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R									0.	0.	0.	180.0	0.
5.2	L	01 #								5.2	.0	.0	179.7	.5
5.5	S				CS2				69. 185.	5.5	.0	.0	179.7	.5
8.1	L	02 5D3								8.1	.0	.0	179.5	.8
10.9	S				CS2				81. 185.	10.9	.0	.1	179.3	1.1
16.5	S				CS2				72. 185.	16.5	.0	.1	179.0	1.6
22.6	S				CS2				67. 185.	22.6	.0	.3	178.6	2.3
26.5	L	03 5B0								26.5	.0	.4	178.3	2.6
27.0	L	04 5C6								27.0	.0	.4	178.3	2.7
28.3	S				CS2				76. 185.	28.3	.0	.4	178.2	2.8
33.8	S				CS2				78. 185.	33.8	.0	.6	177.9	3.4
34.5	S				F2	E				34.5	.0	.6	177.8	3.4
35.7	S				CS2				77. 185.	35.7	.0	.7	177.8	3.6
36.4	S				F2	3				36.4	.0	.7	177.7	3.6
39.4	S				CS2				81. 185.	39.4	.0	.8	177.5	3.9
44.9	S				CS2				76. 185.	44.9	.1	1.1	177.2	4.5
50.7	S				CS2				71. 185.	50.7	.1	1.4	176.8	5.1
51.4	S				F2	E				51.4	.1	1.4	176.8	5.1
52.3	S				CS2				82. 185.	52.3	.1	1.5	176.7	5.2
53.3	S				F2	3				53.3	.1	1.5	176.7	5.3
56.6	S				CS2				90. 185.	56.6	.1	1.7	176.5	5.7
59.9	S				F2	E				59.9	.1	1.9	176.3	6.0
62.3	S				CS2				78. 185.	62.3	.2	2.1	176.1	6.2
63.3	S				F2	3				63.2	.2	2.2	176.0	6.3
66.0	S				CS2				86. 185.	65.9	.2	2.4	175.9	6.6
67.0	S				F2	E				66.9	.2	2.4	175.8	6.7
69.7	S				CS2				90. 185.	69.6	.2	2.6	175.6	7.0
74.6	S				F2	3				74.5	.3	3.0	175.3	7.5
75.3	S				CS2				69. 185.	75.2	.3	3.1	175.3	7.5
77.0	S				F2	E				76.9	.3	3.2	175.2	7.7

****
* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
80.1	R									80.0	.3	3.5	175.0	8.0
80.9	S				CS2				69. 185.	80.8	.3	3.5	175.0	7.8
81.3	S				F2	3				81.2	.3	3.6	174.9	7.7
87.6	S				CS2				74. 185.	87.5	.4	4.1	174.7	6.1
94.0	S				CS2				71. 185.	93.8	.5	4.8	174.4	4.5
98.4	S				CS2				65. 185.	98.2	.5	5.2	174.2	3.4
103.9	S				CS2				43. 185.	103.7	.5	5.8	174.0	2.0
107.0	S				F2	E				106.8	.5	6.1	173.8	1.3
109.4	S				CS2				82. 185.	109.2	.5	6.3	173.7	.7
114.9	S				CS2				82. 185.	114.6	.5	7.0	173.5	359.3
120.4	S				CS2				83. 185.	120.1	.5	7.6	173.2	357.9
124.0	L	05 5B0								123.7	.5	8.0	173.1	357.0
125.9	S				CS2				84. 185.	125.5	.5	8.3	173.0	356.5
131.7	S				CS2				81. 185.	131.3	.4	9.0	172.8	355.1
136.2	L	06 5B2								135.8	.4	9.5	172.6	353.9
137.2	L	07 0Q0								136.8	.4	9.7	172.5	353.7
137.5	S				CS2				83. 185.	137.1	.4	9.7	172.5	353.6
143.5	S				CS2				63. 185.	143.0	.3	10.5	172.2	352.1
147.9	S				F2	3				147.4	.2	11.1	172.0	351.0
150.0	L	08 5B2								149.4	.1	11.4	172.0	350.5
150.0	S				CS2				79. 185.	149.4	.1	11.4	172.0	350.5
152.9	L	09 5G3								152.3	.1	11.8	171.8	349.8
155.4	S				F2	E				154.8	-.0	12.1	171.7	349.1
156.4	S				CS2				73. 185.	155.8	-.0	12.3	171.7	348.9
156.6	L	10 5B2								156.0	-.0	12.3	171.7	348.8
159.8	S				F2	3				159.1	-.1	12.8	171.5	348.0
161.9	S				CS2				63. 185.	161.2	-.2	13.1	171.4	347.5
163.1	L	11 5G3								162.4	-.2	13.2	171.4	347.2
164.6	S				F2	E				163.9	-.3	13.5	171.3	346.8
166.7	S				CS2				81. 185.	166.0	-.4	13.8	171.2	346.3
166.8	S				F2	3				166.1	-.4	13.8	171.2	346.3
167.6	S				CS2				65. 185.	166.8	-.4	13.9	171.2	346.1
168.3	L	12 5B0								167.5	-.4	14.0	171.2	345.9
169.3	L	13 5D3								168.5	-.5	14.2	171.1	345.7

****
* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
171.9	R							171.1	-.6	14.6	171.0	345.0
173.3	L	14 5B0						172.5	-.6	14.8	171.0	344.5
173.3	S			CS2			86. 185.	172.5	-.6	14.8	171.0	344.5
176.7	L	15 5B0						175.8	-.8	15.3	171.0	343.2
178.9	S			CS2			70. 185.	178.0	-.9	15.6	171.0	342.4
184.3	S			CS2			81. 185.	183.3	-1.1	16.4	170.9	340.4
186.6	L	16 5B0						185.6	-1.3	16.8	170.9	339.5
190.1	S			CS2			80. 185.	189.1	-1.5	17.3	170.9	338.2
195.8	S			CS2			69. 185.	194.7	-1.8	18.1	170.9	336.1
200.8	L	17 5D3						199.6	-2.1	18.8	170.8	334.2
201.8	S			CS2			76. 185.	200.6	-2.2	19.0	170.8	333.9
202.2	L	18 5B0						201.0	-2.2	19.0	170.8	333.7
205.1	L	19 5D3						203.9	-2.5	19.4	170.8	332.6
205.7	L	20 5B0						204.5	-2.5	19.5	170.8	332.4
206.7	L	21 5D3						205.5	-2.6	19.7	170.8	332.1
207.1	S			CS2			82. 185.	205.9	-2.6	19.7	170.8	331.9
207.5	L	22 5B0						206.2	-2.6	19.8	170.8	331.8
209.4	L	23 5D3						208.1	-2.8	20.0	170.8	331.1
210.2	L	24 5B0						208.9	-2.8	20.2	170.8	330.8
211.9	L	25 5D3						210.6	-3.0	20.4	170.8	330.1
212.8	S			CS2			78. 185.	211.5	-3.0	20.5	170.8	329.8
215.5	L	26 5B0						214.1	-3.3	20.9	170.8	328.8
218.6	S			CS2			73. 185.	217.2	-3.5	21.3	170.7	327.6
223.6	L	27 5D3						222.1	-4.0	22.0	170.7	325.8
223.6	S			F2	S			222.1	-4.0	22.0	170.7	325.8
224.2	S			PS2			78. 185.	222.7	-4.0	22.1	170.7	325.5
228.9	L	28 5C6						227.4	-4.5	22.7	170.7	323.8
229.9	S			PS2			70. 185.	228.4	-4.6	22.8	170.7	323.4
231.0	L	29 5D6						229.4	-4.7	23.0	170.7	323.0
231.0	S			F2	S			229.4	-4.7	23.0	170.7	323.0
232.0	L	30 5D6						230.4	-4.8	23.1	170.7	322.6
234.9	S			CS2			74. 185.	233.3	-5.1	23.5	170.7	321.6
235.4	S			F2	S			233.8	-5.1	23.5	170.7	321.4
239.9	S			CS2			90. 185.	238.2	-5.6	24.1	170.6	319.7
240.9	S			F2	S			239.2	-5.7	24.2	170.6	319.3
242.5	L	31 5B0						240.8	-5.8	24.4	170.6	318.7

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* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
243.0	S				CS2				70. 185.	241.3	-5.9	24.5	170.6	318.6
243.1	L	32 5D3								241.4	-5.9	24.5	170.6	318.5
245.0	L	33 5C6								243.3	-6.1	24.7	170.6	317.8
246.0	L	34 5D3								244.2	-6.2	24.8	170.6	317.4
249.0	S				CS2				85. 185.	247.2	-6.6	25.2	170.6	316.3
252.8	S				CS2				82. 185.	250.9	-7.0	25.6	170.6	314.9
257.2	S				F2	E				255.3	-7.5	26.1	170.5	313.3
258.6	S				CS2				65. 185.	256.7	-7.7	26.3	170.5	312.7
262.8	L	35 5B0								260.8	-8.2	26.8	170.5	311.2
262.8	S				F2	3				260.8	-8.2	26.8	170.5	311.2
263.3	R									261.3	-8.3	26.8	170.5	311.0
264.3	S				CS2				73. 185.	262.3	-8.4	26.9	170.5	311.4
270.3	S				CS2				65. 185.	268.2	-9.1	27.6	170.3	313.9
271.2	S				F2	E				269.1	-9.2	27.7	170.3	314.3
274.9	S				CS2				74. 185.	272.7	-9.7	28.1	170.2	315.8
276.3	S				F2	3				274.1	-9.8	28.3	170.1	316.4
281.0	S				CS2				68. 185.	278.8	-10.4	28.9	170.0	318.4
286.9	S				CS2				75. 185.	284.6	-11.1	29.7	169.9	320.8
292.6	S				CS2				85. 185.	290.2	-11.7	30.5	169.7	323.2
293.5	S				F2	E				291.1	-11.8	30.6	169.7	323.5
298.2	S				CS2				90. 185.	295.7	-12.3	31.3	169.5	325.5
300.8	L	36 5B0								298.2	-12.5	31.7	169.5	326.6
301.2	L	37 5D3								298.6	-12.6	31.8	169.5	326.7
302.4	S				F2	3				299.8	-12.7	32.0	169.4	327.2
303.9	S				CS2				83. 185.	301.3	-12.8	32.2	169.4	327.9
307.5	L	38 5B0								304.8	-13.2	32.8	169.3	329.4
308.0	L	39 5D3								305.3	-13.2	32.8	169.3	329.6
310.0	S				CS2				90. 185.	307.3	-13.4	33.2	169.2	330.4
315.1	S				CS2				77. 185.	312.3	-13.9	34.0	169.1	332.5
318.0	L	40 5B0								315.1	-14.1	34.5	169.0	333.7
320.8	S				CS2				83. 185.	317.9	-14.4	35.0	168.9	334.9
326.6	S				CS2				78. 185.	323.6	-14.8	36.0	168.8	337.3
332.3	S				CS2				84. 185.	329.2	-15.2	37.0	168.6	339.7
334.7	S				F2	E				331.5	-15.4	37.5	168.5	340.7
338.4	S				CS2				81. 185.	335.1	-15.6	38.2	168.4	342.2
343.8	S				F2	3				340.4	-15.9	39.2	168.3	344.4

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* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
346.0	S				CS2				83. 185.	342.6	-16.1	39.7	168.2	345.3
349.1	S				CS2				71. 185.	345.6	-16.2	40.3	168.2	346.6
349.8	L	41 5B0								346.3	-16.2	40.4	168.1	346.9
354.8	R									351.2	-16.5	41.4	168.0	349.0
355.3	S				CS2				81. 185.	351.7	-16.5	41.5	168.0	349.0
360.3	L	42 5B0								356.6	-16.7	42.6	168.0	349.1
361.5	L	43 5D3								357.7	-16.7	42.8	168.0	349.1
361.5	S				CS2				74. 185.	357.7	-16.7	42.8	168.0	349.1
364.3	S				F2	E				360.5	-16.8	43.4	167.9	349.2
366.8	S				CS2				85. 185.	362.9	-16.9	43.9	167.9	349.3
367.1	L	44 5B0								363.2	-16.9	43.9	167.9	349.3
368.0	L	45 5D3								364.1	-17.0	44.1	167.9	349.3
371.7	L	46 5B0								367.7	-17.1	44.9	167.9	349.4
372.2	S				F2	3				368.2	-17.1	45.0	167.9	349.4
372.3	S				CS2				84. 185.	368.3	-17.1	45.0	167.9	349.4
372.4	L	47 5D3								368.4	-17.1	45.0	167.9	349.4
374.7	S				F2	E				370.7	-17.2	45.5	167.9	349.4
377.9	S				CS2				85. 185.	373.8	-17.4	46.2	167.9	349.5
379.9	S				F2	3				375.7	-17.4	46.6	167.9	349.5
383.5	S				CS2				80. 185.	379.3	-17.6	47.3	167.8	349.6
389.2	S				CS2				83. 185.	384.8	-17.8	48.5	167.8	349.7
394.4	S				CS2				73. 185.	389.9	-18.0	49.6	167.8	349.8
398.4	L	48 5B0								393.8	-18.1	50.4	167.8	349.9
400.7	S				CS2				77. 185.	396.1	-18.2	50.9	167.8	350.0
407.0	S				CS2				71. 185.	402.2	-18.4	52.2	167.7	350.1
412.3	S				CS2				81. 185.	407.4	-18.6	53.3	167.7	350.2
412.8	S				F2	E				407.9	-18.7	53.4	167.7	350.2
413.1	L	49 5B0								408.2	-18.7	53.5	167.7	350.2
413.6	L	50 5D6								408.7	-18.7	53.6	167.7	350.2
417.2	S				CS2				74. 185.	412.2	-18.8	54.4	167.7	350.3
419.0	L	51 5B0								414.0	-18.9	54.7	167.7	350.4
419.5	L	52 5D3								414.4	-18.9	54.8	167.7	350.4
421.9	S				F2	3				416.8	-19.0	55.4	167.6	350.4
423.9	S				CS2				73. 185.	418.7	-19.1	55.8	167.6	350.5
424.7	S				F2	E				419.5	-19.1	55.9	167.6	350.5
425.0	L	53 5B0								419.8	-19.1	56.0	167.6	350.5

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* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
427.0	L	54 5D6								421.8	-19.2	56.4	167.6	350.5
428.9	S				CS2				81. 185.	423.6	-19.2	56.8	167.6	350.6
429.9	L	55 5B6								424.6	-19.3	57.0	167.6	350.6
430.6	L	56 5D6								425.3	-19.3	57.2	167.6	350.6
431.6	S				F2	3				426.3	-19.3	57.4	167.6	350.6
434.7	S				CS2				70. 185.	429.3	-19.4	58.1	167.6	350.7
438.3	L	57 5B0								432.8	-19.6	58.8	167.6	350.8
439.7	L	58 5D3								434.2	-19.6	59.1	167.6	350.8
440.5	S				CS2				78. 185.	434.9	-19.6	59.3	167.5	350.8
441.2	S				F2	E				435.6	-19.7	59.4	167.5	350.8
445.9	S				CS2				90. 185.	440.2	-19.8	60.4	167.5	350.9
446.0	S				F2	3				440.3	-19.8	60.5	167.5	350.9
449.3	R									443.5	-19.9	61.2	167.5	351.0
451.8	S				CS2				68. 185.	446.0	-20.0	61.7	167.4	351.1
454.5	S				CS2				85. 185.	448.6	-20.1	62.3	167.3	351.3
461.5	S				F2	E				455.4	-20.3	63.8	167.1	351.6
463.1	S				CS2				78. 185.	457.0	-20.4	64.2	167.0	351.7
464.3	S				F2	3				458.2	-20.4	64.4	167.0	351.8
471.0	S				CS2				78. 185.	464.7	-20.6	66.0	166.8	352.1
477.2	S				CS2				90. 185.	470.7	-20.8	67.4	166.6	352.5
482.7	S				CS2				80. 185.	476.1	-21.0	68.6	166.4	352.8
488.4	S				CS2				84. 185.	481.6	-21.2	70.0	166.2	353.1
494.3	S				CS2				71. 185.	487.3	-21.3	71.4	166.0	353.4
495.7	L	59 5B0								488.7	-21.4	71.7	165.9	353.5
500.0	S				CS2				76. 185.	492.9	-21.5	72.8	165.8	353.7
504.5	L	60 5D8								497.2	-21.6	73.9	165.6	353.9
505.9	S				CS2				81. 185.	498.6	-21.6	74.2	165.6	354.0
507.3	S				F2	E				499.9	-21.7	74.6	165.5	354.1
512.1	S				CS2				73. 185.	504.6	-21.8	75.8	165.4	354.3
514.6	S				F2	3				507.0	-21.9	76.4	165.3	354.5
517.0	S				CS2				79. 185.	509.3	-21.9	77.0	165.2	354.6
526.5	S				CS2				74. 185.	518.5	-22.1	79.5	164.9	355.1
528.2	S				F2	S				520.1	-22.2	79.9	164.8	355.2
532.8	S				F2	S				524.6	-22.3	81.1	164.7	355.4
532.9	S				CS2				72. 185.	524.7	-22.3	81.1	164.7	355.4
538.1	S				CS2				68. 185.	529.7	-22.4	82.5	164.5	355.7

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* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG								
							S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
541.4	L	61 5B0									532.9	-22.5	83.4	164.4	355.9
541.5	S				F2	S					533.0	-22.5	83.4	164.4	355.9
543.7	R										535.1	-22.5	84.0	164.3	356.0
549.7	L	62 5B0									540.9	-22.5	85.6	164.4	3.4
550.5	P		2527	2.							541.6	-22.5	85.8	164.4	4.3
551.3	L	63 4H1									542.4	-22.5	86.1	164.4	5.3
551.5	L	64 5B6									542.6	-22.5	86.1	164.4	5.6
551.5	S				PS2				60.	185.	542.6	-22.5	86.1	164.4	5.6
552.1	P		2528	1.							543.2	-22.5	86.3	164.4	6.4
552.8	L	65 4E7									543.8	-22.4	86.5	164.4	7.2
553.2	L	66 5B6									544.2	-22.4	86.6	164.4	7.7
554.0	P		2529	2.							545.0	-22.4	86.8	164.5	8.6
554.8	L	67 4E7									545.8	-22.4	87.0	164.5	9.6
556.0	P		2530	2.							546.9	-22.3	87.3	164.5	11.0
557.1	L	68 4L0									548.0	-22.2	87.6	164.5	12.4
557.1	S				PS2				69.	185.	548.0	-22.2	87.6	164.5	12.4
557.6	P		2531	1.							548.5	-22.2	87.7	164.5	13.1
557.7	L	69 4G7									548.6	-22.2	87.8	164.5	13.2
558.2	L	70 4D7									549.1	-22.2	87.9	164.5	13.8
558.8	L	71 5D6									549.6	-22.1	88.0	164.5	14.5
559.6	P		2532	2.							550.4	-22.1	88.2	164.5	15.5
560.3	L	72 4C7									551.1	-22.0	88.4	164.5	16.4
560.7	L	73 4L0									551.5	-22.0	88.5	164.5	16.9
561.2	P		2533	1.							551.9	-22.0	88.7	164.6	17.5
561.7	L	74 4A0									552.4	-21.9	88.8	164.6	18.1
562.7	P		2534	2.							553.4	-21.8	89.0	164.6	19.3
563.0	S				PS2				69.	185.	553.7	-21.8	89.1	164.6	19.7
563.7	L	75 4E6									554.4	-21.7	89.3	164.6	20.5
564.1	L	76 4C0									554.7	-21.7	89.4	164.6	21.0
564.4	P		2535	1.							555.0	-21.7	89.5	164.6	21.4
565.1	L	77 4A0									555.7	-21.6	89.6	164.6	22.3
565.8	P		2536	1.							556.4	-21.5	89.8	164.6	23.1
567.2	P		2537	1.							557.7	-21.4	90.1	164.6	24.8
567.5	L	78 4C0									558.0	-21.3	90.2	164.6	25.2
567.9	L	79 4A0									558.4	-21.3	90.3	164.7	25.7
568.3	L	80 5D6									558.8	-21.3	90.4	164.7	26.2

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* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
568.5	S				PS2			76. 185.	559.0	-21.2	90.5	164.7	26.4
569.1	P		2538	2.					559.6	-21.2	90.6	164.7	27.2
569.6	S				F2	S			560.0	-21.1	90.7	164.7	27.8
570.0	L	81 4A0							560.4	-21.0	90.8	164.7	28.3
570.3	L	82 5D6							560.7	-21.0	90.9	164.7	28.6
571.0	P		2539	1.					561.3	-20.9	91.0	164.7	29.4
571.0	L	83 4A0							561.4	-20.9	91.0	164.7	29.5
571.6	L	84 4C0							562.0	-20.8	91.2	164.7	30.2
572.2	P		2540	1.					562.6	-20.8	91.3	164.7	31.0
572.9	L	85 5B6							563.2	-20.7	91.5	164.7	31.8
573.5	P		2541	1.					563.8	-20.6	91.6	164.7	32.5
574.0	L	86 4A0							564.3	-20.5	91.7	164.7	33.2
574.0	S				CS2			69. 185.	564.3	-20.5	91.7	164.7	33.2
575.0	P		2542	2.					565.3	-20.4	91.9	164.8	34.4
575.9	S				F2	M			566.1	-20.2	92.1	164.8	35.5
576.5	P		2543	1.					566.7	-20.1	92.2	164.8	36.3
577.8	P		2544	2.					567.9	-19.9	92.5	164.8	37.8
578.5	L	87 5B6							568.6	-19.8	92.7	164.8	38.7
579.5	P		2545	2.					569.6	-19.7	92.9	164.8	39.9
579.7	S				CS2			70. 185.	569.8	-19.6	92.9	164.8	40.2
581.4	P		2546	2.					571.4	-19.3	93.2	164.8	42.3
582.3	L	88 4A0							572.3	-19.2	93.4	164.9	43.4
583.3	P		2547	2.					573.3	-19.0	93.6	164.9	44.6
585.1	S				CS2			71. 185.	575.0	-18.6	93.9	164.9	46.8
586.6	S				F2	M			576.4	-18.4	94.2	164.9	48.6
587.2	L	89 4L0							577.0	-18.2	94.3	164.9	49.4
588.6	L	90 0Q0							578.4	-18.0	94.5	165.0	51.1
589.0	L	91 5B6							578.8	-17.9	94.6	165.0	51.6
591.0	S				CS2			77. 185.	580.7	-17.5	94.9	165.0	54.0
596.4	S				CS2			74. 185.	585.9	-16.3	95.7	165.1	60.7
602.1	S				CS2			74. 185.	591.4	-15.0	96.3	165.2	67.7
605.4	S				F2	E			594.6	-14.2	96.6	165.2	71.7
608.1	S				CS2			76. 185.	597.2	-13.5	96.8	165.2	75.0
610.5	L	92 4L0							599.5	-12.9	96.9	165.3	78.0
610.5	S				F2	3			599.5	-12.9	96.9	165.3	78.0
613.3	S				CS2			85. 185.	602.3	-12.2	97.1	165.3	81.4
615.1	L	93 5B6							604.0	-11.8	97.1	165.3	83.6
618.9	L	94 4L0							607.7	-10.8	97.2	165.4	88.3

****
* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

COMMENT: STOPPED ON DEC.4 DUE TO COLD WEATHER
COMMENT: HOLE TO BE COMPLETED IN 1978 -HOLE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
619.1	S				CS2				75. 185.	607.9	-10.8	97.2	165.4	88.5
619.8	L	95 5B6								608.5	-10.6	97.2	165.4	89.4
624.2	S				CS2				81. 185.	612.8	-9.5	97.2	165.5	94.8
626.0	R									614.5	-9.0	97.1	165.5	97.0
629.6	L	96 4L0								618.0	-8.1	97.0	165.5	97.0
631.1	S				CS2				80. 185.	619.5	-7.8	97.0	165.5	97.0
633.1	L	97 5B6								621.4	-7.3	96.9	165.5	97.0
633.1	R									621.4	-7.3	96.9	165.5	97.0

****
* DDH: 77-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320000.0 METERS NORTH: 22646610.0 METERS ELEV: 1068.0 METERS INCOMPLETE

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
550.5	2527	1.6	39.4	3.04	4.34	7.38	-.50	.13	-.50	-.500	-.50	-.50	-.500
552.1	2528	1.3	76.8	6.19	8.49	14.68	-.50	.18	-.50	-.500	-.50	-.50	-.500
554.0	2529	1.6	64.7	5.15	6.36	11.51	-.50	.15	-.50	-.500	-.50	-.50	-.500
556.0	2530	2.3	9.4	.52	.54	1.06	-.50	.10	-.50	-.500	-.50	-.50	-.500
557.6	2531	1.1	44.5	3.42	3.88	7.30	-.50	.11	-.50	-.500	-.50	-.50	-.500
559.6	2532	1.5	15.5	1.06	1.72	2.78	-.50	.13	-.50	-.500	-.50	-.50	-.500
561.2	2533	1.0	22.2	1.72	2.20	3.92	-.50	.21	-.50	-.500	-.50	-.50	-.500
562.7	2534	2.0	42.6	2.24	1.36	3.60	-.50	.23	-.50	-.500	-.50	-.50	-.500
564.4	2535	1.4	30.4	2.12	3.10	5.22	-.50	.07	-.50	-.500	-.50	-.50	-.500
565.8	2536	1.4	11.8	.58	1.02	1.60	-.50	.19	-.50	-.500	-.50	-.50	-.500
567.2	2537	1.4	17.8	1.24	1.14	2.38	-.50	.07	-.50	-.500	-.50	-.50	-.500
569.1	2538	1.7	17.0	1.00	1.16	2.16	-.50	.08	-.50	-.500	-.50	-.50	-.500
571.0	2539	1.3	14.3	.90	.86	1.76	-.50	.11	-.50	-.500	-.50	-.50	-.500
572.2	2540	1.3	4.9	.14	.03	.17	-.50	.04	-.50	-.500	-.50	-.50	-.500
573.5	2541	1.1	7.5	.28	.08	.36	-.50	.18	-.50	-.500	-.50	-.50	-.500
575.0	2542	2.0	6.0	.28	.20	.48	-.50	.03	-.50	-.500	-.50	-.50	-.500
576.5	2543	1.0	13.0	.72	.13	.85	-.50	.03	-.50	-.500	-.50	-.50	-.500
577.8	2544	1.5	9.2	.54	.20	.74	-.50	.02	-.50	-.500	-.50	-.50	-.500
579.5	2545	2.0	20.2	1.56	1.96	3.52	-.50	.11	-.50	-.500	-.50	-.50	-.500
581.4	2546	1.8	20.1	1.48	2.25	3.73	-.50	.12	-.50	-.500	-.50	-.50	-.500
583.3	2547	2.0	3.0	.12	.20	.32	-.50	.04	-.50	-.500	-.50	-.50	-.500

FINISHED -- LENGTH = 633.10 METERS ENTRIES = 385

****
* DDH: 77X11R * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 568
POINTS = 565 MAX DDH DEPTH = 913.1 METERS
MAX TRUE DEPTH = 898.2 METERS
EASTING: -32.3 - 0. METERS
NORTHING: 0. - 130.4 METERS

TYPE C DATA (CONTACTS) ----- 154
TYPE F DATA (PLANES) ------- 169
TYPE P DATA (SAMPLES) ------ 50
TYPE S DATA (SYMMETRY) ----- 71
TYPE X DATA (REF MARKERS) -- 45
TYPE A DATA (SAMPLE MARKERS) 42
TYPE V DATA (ASSAY VALUES)-- 21

GEOLOGICAL CONTACTS

DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT
1	5.2	01 #	40	318.0	40 5B0	79	567.9	79 4A0	118	683.3	17 4A0
2	8.1	02 5D3	41	349.8	41 5B0	80	568.3	80 5D6	119	684.1	18 4L7
3	26.5	03 5B0	42	360.3	42 5B0	81	570.0	81 4A0	120	687.0	19 5B6
4	27.0	04 5C6	43	361.5	43 5D3	82	570.3	82 5D6	121	687.8	20 5A1
5	124.0	05 5B0	44	367.1	44 5B0	83	571.0	83 4A0	122	688.1	21 5B6
6	136.2	06 5B2	45	368.0	45 5D3	84	571.6	84 4C0	123	690.1	22 4A0
7	137.2	07 0Q0	46	371.7	46 5B0	85	572.9	85 5B6	124	692.7	23 4E1
8	150.0	08 5B2	47	372.4	47 5D3	86	574.0	86 4A0	125	696.3	24 4L0
9	152.9	09 5G3	48	398.4	48 5B0	87	578.5	87 5B6	126	696.8	25 5B6
10	156.6	10 5B2	49	413.1	49 5B0	88	582.3	88 4A0	127	697.5	26 4L0
11	163.1	11 5G3	50	413.6	50 5D6	89	587.2	89 4L0	128	699.3	27 5B6
12	168.3	12 5B0	51	419.0	51 5B0	90	588.6	90 0Q0	129	702.4	28 4L7
13	169.3	13 5D3	52	419.5	52 5D3	91	589.0	91 5B6	130	706.1	29 5B6
14	173.3	14 5B0	53	425.0	53 5B0	92	610.5	92 4L0	131	708.0	30 4L7
15	176.7	15 5B0	54	427.0	54 5D6	93	615.1	93 5B6	132	717.8	31 5B6
16	186.6	16 5B0	55	429.9	55 5B6	94	618.9	94 4L0	133	720.1	32 4L7
17	200.8	17 5D3	56	430.6	56 5D6	95	619.8	95 5B6	134	721.9	33 5B6
18	202.2	18 5B0	57	438.3	57 5B0	96	629.6	96 4L0	135	731.2	34 4L7
19	205.1	19 5D3	58	439.7	58 5D3	97	632.9	97 5B6	136	732.2	35 4E1
20	205.7	20 5B0	59	495.7	59 5B0	98	633.1	97 5B6	137	768.4	36 4L7
21	206.7	21 5D3	60	504.5	60 5DB	99	638.2	98 4L7	138	768.8	37 4G0
22	207.5	22 5B0	61	541.4	61 5B0	100	639.2	99 5B6	139	769.6	38 4L7
23	209.4	23 5D3	62	549.7	62 5B0	101	657.4	00 0E8	140	770.2	39 4G0
24	210.2	24 5B0	63	551.3	63 4H1	102	659.1	01 5B6	141	791.7	40 4A0
25	211.9	25 5D3	64	551.5	64 5B6	103	660.5	02 5A1	142	793.4	41 5B6
26	215.5	26 5B0	65	552.8	65 4E7	104	662.8	03 4C7	143	797.0	42 5A1
27	223.6	27 5D3	66	553.2	66 5B6	105	664.5	04 4E1	144	798.3	43 5B6
28	228.9	28 5C6	67	554.8	67 4E7	106	665.9	05 4E8	145	799.4	44 5A1
29	231.0	29 5D6	68	557.1	68 4L0	107	667.8	06 4G8	146	824.2	45 3G7

30	232.0	30	5D6	69	557.7	69	4G7	108	669.3	07	4G1	147	845.0	46	4L7
31	242.5	31	5B0	70	558.2	70	4D7	109	670.6	08	4G8	148	891.6	47	3G0
32	243.1	32	5D3	71	558.8	71	5D6	110	672.5	09	4G0	149	893.0	47	3C6
33	245.0	33	5C6	72	560.3	72	4C7	111	673.8	10	4L0	150	894.5	48	3G7
34	246.0	34	5D3	73	560.7	73	4L0	112	674.6	11	4G8	151	896.6	49	3C6
35	262.8	35	5B0	74	561.7	74	4A0	113	675.7	12	4E1	152	905.3	50	3G0
36	300.8	36	5B0	75	563.7	75	4E6	114	676.2	13	4G0	153	908.6	51	0E7
37	301.2	37	5D3	76	564.1	76	4C0	115	678.1	14	4E1	154	913.1	52	0E7
38	307.5	38	5B0	77	565.1	77	4A0	116	678.6	15	4L0				
39	308.0	39	5D3	78	567.5	78	4C0	117	679.2	16	4E1				

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  77X11R       *     START PLOT NUMBER  1
**************************
```

PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 4.63 (INCHES)
Y-AXIS BOREHOLE LENGTH: 35.36 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 913.1 METERS J = 1 - 565

MAX PAPER WIDTH REQUIRED: 39.0 INCHES

***** PLOT NUMBER 1 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  77X11R       *     START PLOT NUMBER  2
**************************
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 4.63 (INCHES)
Y-AXIS BOREHOLE LENGTH: 35.36 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 913.1 METERS J = 1 - 565

MAX PAPER WIDTH REQUIRED: 39.0 INCHES

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
			OBSERVED		CALCULATED		OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD AP-DIP	CA	DIPD	DIP	DIPD AP-DIP	H	V
5.5	179.6	359.9					69.	185.	21.0	185.0 -20.7	-.19	-.07
10.9	179.2	359.8					81.	185.	9.0	185.0 -8.9	-.20	-.03
16.5	178.8	359.7					72.	185.	19.2	185.0 -18.9	-.19	-.06
22.6	178.4	359.5					67.	185.	24.6	185.0 -24.3	-.18	-.08
28.3	178.0	359.4					76.	185.	16.0	185.0 -15.8	-.19	-.05
33.8	177.6	359.3					78.	185.	14.4	185.0 -14.2	-.19	-.05
35.7	177.5	359.3					77.	185.	15.5	185.0 -15.3	-.19	-.05
39.4	177.2	359.2					81.	185.	11.8	185.0 -11.6	-.20	-.04
44.9	176.9	359.1					76.	185.	17.1	185.0 -16.8	-.19	-.06
50.7	176.5	359.0					71.	185.	22.5	185.0 -22.2	-.19	-.08
52.3	176.3	359.0					82.	185.	11.7	185.0 -11.5	-.20	-.04
56.6	176.0	358.9					90.	185.				
62.3	175.6	358.8					78.	185.	16.4	185.0 -16.1	-.19	-.06
66.0	175.4	358.7					86.	185.				
69.7	175.1	358.6					90.	185.				
75.3	174.7	358.5					69.	185.	26.3	185.0 -25.9	-.18	-.09
80.9	174.4	358.4					69.	185.	26.6	185.0 -26.2	-.18	-.09
87.6	174.2	358.4					74.	185.	21.7	185.0 -21.4	-.19	-.07
94.0	174.0	358.4					71.	185.	24.9	185.0 -24.6	-.18	-.08
98.4	173.9	358.4					65.	185.	31.1	185.0 -30.7	-.17	-.10
103.9	173.8	358.4					43.	185.	53.2	185.0 -52.7	-.12	-.16
109.4	173.6	358.4					82.	185.	14.3	185.0 -14.1	-.19	-.05
114.9	173.5	358.4					82.	185.	14.4	185.0 -14.2	-.19	-.05
120.4	173.3	358.4					83.	185.	13.6	185.0 -13.4	-.19	-.05
125.9	173.2	358.4					84.	185.	.8	185.0 -.8	-.20	-.00
									12.7	185.0 -12.5	-.20	-.04
131.7	173.1	358.4					81.	185.	15.8	185.0 -15.6	-.19	-.05
137.5	172.9	358.4					83.	185.	.1	185.0 -.1	-.20	-.00
									14.0	185.0 -13.8	-.19	-.05
143.5	172.7	358.4					63.	185.	34.2	185.0 -33.8	-.17	-.11
150.0	172.6	358.4					79.	185.	18.3	185.0 -18.1	-.19	-.06
156.4	172.4	358.4					73.	185.	24.5	185.0 -24.2	-.18	-.08
161.9	172.3	358.4					63.	185.	34.6	185.0 -34.2	-.17	-.11
166.7	172.1	358.4					81.	185.	16.8	185.0 -16.6	-.19	-.06
167.6	172.1	358.4					65.	185.	32.8	185.0 -32.4	-.17	-.11
173.3	172.0	357.6					86.	185.				
178.9	172.0	354.2					70.	185.	27.8	185.0 -27.4	-.18	-.09
184.3	172.0	351.0					81.	185.	16.6	185.0 -16.3	-.19	-.06
190.1	172.0	347.6					80.	185.	17.4	185.0 -17.1	-.19	-.06
195.8	172.0	344.2					69.	185.	28.3	185.0 -27.9	-.18	-.09
201.8	172.0	340.6					76.	185.	20.9	185.0 -20.6	-.19	-.07

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
207.1	172.0	337.4				82. 185.	.0 185.0 -.0			-.20	-.00
							14.2 185.0 -14.0			-.19	-.05
212.8	172.0	334.1				78. 185.	18.2 185.0 -17.9			-.19	-.06
218.6	172.1	330.6				73. 185.	23.0 185.0 -22.6			-.18	-.08
224.2	172.1	327.3				78. 185.	17.3 185.0 -17.0			-.19	-.06
229.9	172.1	323.9				70. 185.	25.3 185.0 -25.0			-.18	-.08
234.9	172.1	320.9				74. 185.	20.7 185.0 -20.5			-.19	-.07
239.9	172.1	317.9				90. 185.					
243.0	172.1	316.1				70. 185.	24.3 185.0 -24.0			-.18	-.08
249.0	172.1	312.5				85. 185.					
252.8	172.1	310.2				82. 185.	9.3 185.0 -9.2			-.20	-.03
258.6	172.1	306.8				65. 185.	28.3 185.0 -28.0			-.18	-.09
264.3	172.1	304.4				73. 185.	19.5 185.0 -19.2			-.19	-.07
270.3	171.8	306.6				65. 185.	28.4 185.0 -28.0			-.18	-.09
274.9	171.7	308.4				74. 185.	19.1 185.0 -18.8			-.19	-.06
281.0	171.5	310.7				68. 185.	25.9 185.0 -25.6			-.18	-.09
286.9	171.2	312.9				75. 185.	18.8 185.0 -18.5			-.19	-.06
292.6	171.0	315.0				85. 185.					
298.2	170.8	317.1				90. 185.					
303.9	170.6	319.3				83. 185.	4.6 185.0 -4.5			-.20	-.02
							8.6 185.0 -8.5			-.20	-.03
310.0	170.4	321.6				90. 185.					
315.1	170.2	323.5				77. 185.	18.7 185.0 -18.4			-.19	-.06
320.8	170.0	325.6				83. 185.	4.8 185.0 -4.7			-.20	-.02
							10.8 185.0 -10.6			-.20	-.04
326.6	169.8	327.8				78. 185.	18.5 185.0 -18.2			-.19	-.06
332.3	169.6	329.9				84. 185.	8.6 185.0 -8.4			-.20	-.03
338.4	169.4	332.2				81. 185.	2.0 185.0 -1.9			-.20	-.01
							15.9 185.0 -15.7			-.19	-.05
346.0	169.1	335.1				83. 185.	5.0 185.0 -5.0			-.20	-.02
							13.9 185.0 -13.7			-.19	-.05
349.1	169.0	336.3				71. 185.	28.0 185.0 -27.6			-.18	-.09
355.3	168.8	338.4				81. 185.	2.5 185.0 -2.5			-.20	-.01
							17.5 185.0 -17.3			-.19	-.06
361.5	168.8	338.9				74. 185.	25.3 185.0 -25.0			-.18	-.08
366.8	168.8	339.2				85. 185.					
372.3	168.8	339.6				84. 185.	6.5 185.0 -6.4			-.20	-.02
							13.8 185.0 -13.6			-.19	-.05
377.9	168.8	340.0				85. 185.					
383.5	168.8	340.4				80. 185.	1.3 185.0 -1.3			-.20	-.00
							19.1 185.0 -18.8			-.19	-.06

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
389.2	168.8	340.8				83. 185.	4.9 185.0 -4.9			-.20	-.02
							15.5 185.0 -15.3			-.19	-.05
394.4	168.8	341.2				73. 185.	26.7 185.0 -26.3			-.18	-.09
400.7	168.8	341.6				77. 185.	22.5 185.0 -22.2			-.19	-.08
407.0	168.9	342.0				71. 185.	28.8 185.0 -28.4			-.18	-.10
412.3	168.9	342.4				81. 185.	2.3 185.0 -2.3			-.20	-.01
							18.2 185.0 -18.0			-.19	-.06
417.2	168.9	342.8				74. 185.	25.8 185.0 -25.4			-.18	-.09
423.9	168.9	343.2				73. 185.	26.8 185.0 -26.5			-.18	-.09
428.9	168.9	343.6				81. 185.	2.3 185.0 -2.3			-.20	-.01
							18.4 185.0 -18.1			-.19	-.06
434.7	168.9	344.0				70. 185.	30.0 185.0 -29.6			-.17	-.10
440.5	168.9	344.4				78. 185.	21.8 185.0 -21.5			-.19	-.07
445.9	168.9	344.8				90. 185.					
451.8	168.8	345.4				68. 185.	32.3 185.0 -31.9			-.17	-.11
454.5	168.7	345.7				85. 185.					
463.1	168.4	347.0				78. 185.	22.5 185.0 -22.2			-.19	-.08
471.0	168.1	348.1				78. 185.	22.9 185.0 -22.6			-.18	-.08
477.2	167.8	349.0				90. 185.					
482.7	167.6	349.7				80. 185.	2.5 185.0 -2.5			-.20	-.01
							21.4 185.0 -21.1			-.19	-.07
488.4	167.4	350.6				84. 185.	7.1 185.0 -7.0			-.20	-.02
							17.3 185.0 -17.1			-.19	-.06
494.3	167.2	351.4				71. 185.	31.2 185.0 -30.8			-.17	-.10
500.0	167.0	352.2				76. 185.	26.4 185.0 -26.1			-.18	-.09
505.9	166.7	353.0				81. 185.	4.4 185.0 -4.4			-.20	-.02
							21.6 185.0 -21.3			-.19	-.07
512.1	166.5	353.9				73. 185.	30.1 185.0 -29.7			-.17	-.10
517.0	166.3	354.6				79. 185.	2.8 185.0 -2.7			-.20	-.01
							24.2 185.0 -23.9			-.18	-.08
526.5	166.0	356.0				74. 185.	29.7 185.0 -29.3			-.17	-.10
532.9	165.7	356.9				72. 185.	32.1 185.0 -31.7			-.17	-.10
538.1	165.5	357.6				68. 185.	36.3 185.0 -35.9			-.16	-.12
551.5	165.4	6.7				60. 185.	44.6 185.0 -44.2			-.14	-.14
557.1	165.4	12.6				69. 185.	35.4 185.0 -35.0			-.16	-.11
563.0	165.4	18.9				69. 185.	34.9 185.0 -34.5			-.16	-.11
568.5	165.5	24.7				76. 185.	.5 185.0 -.5			-.20	-.00
							26.8 185.0 -26.5			-.18	-.09
574.0	165.5	30.6				69. 185.	33.2 185.0 -32.8			-.17	-.11
579.7	165.6	36.6				70. 185.	30.9 185.0 -30.5			-.17	-.10
585.1	165.6	42.4				71. 185.	28.5 185.0 -28.1			-.18	-.09

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
591.0	165.6	48.6				77. 185.	2.0 185.0 -2.0			-.20	-.01
							19.0 185.0 -18.8			-.19	-.06
596.4	165.7	54.4				74. 185.	21.3 185.0 -21.0			-.19	-.07
602.1	165.7	60.4				74. 185.	19.2 185.0 -18.9			-.19	-.06
608.1	165.8	66.8				76. 185.	.4 185.0 -.4			-.20	-.00
							13.2 185.0 -13.0			-.19	-.05
613.3	165.8	72.3				85. 185.					
619.1	165.8	78.5				75. 185.	10.5 185.0 -10.3			-.20	-.04
624.2	165.9	83.9				81. 185.					
631.1	166.3	71.1				80. 185.					
635.5	166.6	58.4				90. 185.					
657.4	168.3	355.3				55. 185.	46.5 185.0 -46.1			-.14	-.14
659.2	168.5	350.1				67. 185.	33.9 185.0 -33.5			-.17	-.11
665.4	168.9	332.3				71. 185.	27.4 185.0 -27.1			-.18	-.09
669.8	168.9	326.2				81. 185.	2.9 185.0 -2.9			-.20	-.01
							14.5 185.0 -14.2			-.19	-.05
675.6	168.6	326.2				81. 185.	3.4 185.0 -3.4			-.20	-.01
							14.5 185.0 -14.2			-.19	-.05
679.1	168.3	326.2				81. 185.	3.9 185.0 -3.8			-.20	-.01
							14.4 185.0 -14.2			-.19	-.05
683.1	168.1	326.2				81. 185.	4.2 185.0 -4.2			-.20	-.01
							14.4 185.0 -14.2			-.19	-.05
687.9	167.8	326.2				81. 185.	4.7 185.0 -4.7			-.20	-.02
							14.4 185.0 -14.2			-.19	-.05
693.1	167.4	326.2				74. 185.	23.9 185.0 -23.5			-.18	-.08
696.9	167.2	326.2				81. 185.	5.9 185.0 -5.8			-.20	-.02
							14.2 185.0 -14.0			-.19	-.05
699.8	167.0	326.2				78. 185.	1.3 185.0 -1.3			-.20	-.00
							19.1 185.0 -18.8			-.19	-.06
702.2	166.8	326.2				79. 185.	3.0 185.0 -3.0			-.20	-.01
							17.7 185.0 -17.4			-.19	-.06
704.9	166.6	326.2				77. 185.	.5 185.0 -.5			-.20	-.00
							20.5 185.0 -20.2			-.19	-.07
710.0	166.3	326.2				72. 185.	26.7 185.0 -26.3			-.18	-.09
714.6	166.0	326.2				80. 185.	6.1 185.0 -6.0			-.20	-.02
							15.9 185.0 -15.7			-.19	-.05
717.6	165.8	326.2				80. 185.	6.5 185.0 -6.4			-.20	-.02
							15.8 185.0 -15.6			-.19	-.05
720.0	165.7	326.2				82. 185.					
724.9	165.3	326.2				81. 185.					
730.0	165.1	326.4				75. 185.	23.6 185.0 -23.3			-.18	-.08

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
735.0	165.2	326.8				67. 185.	32.9	185.0	-32.5	-.17	-.11
740.0	165.2	327.3				87. 185.					
745.0	165.3	327.8				81. 185.	10.0	185.0	-9.9	-.20	-.03
							13.6	185.0	-13.4	-.19	-.05
749.4	165.3	328.2				76. 185.	.9	185.0	-.9	-.20	-.00
							22.8	185.0	-22.5	-.18	-.08
754.0	165.4	328.7				81. 185.	9.1	185.0	-9.0	-.20	-.03
							14.6	185.0	-14.4	-.19	-.05
760.1	165.4	329.3				71. 185.	29.0	185.0	-28.6	-.18	-.10
765.0	165.5	329.7				85. 185.					
770.3	165.5	330.3				65. 185.	35.7	185.0	-35.3	-.16	-.12
775.0	165.6	330.7				70. 185.	30.3	185.0	-30.0	-.17	-.10
780.0	165.6	331.2				61. 185.	40.0	185.0	-39.6	-.15	-.13
785.0	165.7	331.7				60. 185.	41.1	185.0	-40.7	-.15	-.13
790.0	165.8	332.2				65. 185.	35.9	185.0	-35.5	-.16	-.12
795.4	166.6	333.4				68. 185.	32.4	185.0	-32.0	-.17	-.11
801.3	167.4	334.6				74. 185.	25.6	185.0	-25.3	-.18	-.09
805.2	168.0	335.4				76. 185.	23.2	185.0	-22.9	-.18	-.08
809.9	168.7	336.4				79. 185.	.3	185.0	-.3	-.20	-.00
							19.6	185.0	-19.3	-.19	-.07
816.5	169.6	337.8				77. 185.	21.4	185.0	-21.1	-.19	-.07
820.0	170.1	338.6				69. 185.	29.4	185.0	-29.1	-.17	-.10
825.3	170.9	339.7				58. 185.	40.0	185.0	-39.6	-.15	-.13
830.0	171.6	340.7				76. 185.	21.2	185.0	-20.9	-.19	-.07
835.0	172.3	341.7				73. 185.	23.8	185.0	-23.5	-.18	-.08
840.3	173.0	342.9				85. 185.					
845.0	173.7	343.9				80. 185.	15.6	185.0	-15.4	-.19	-.05
849.4	174.4	344.8				62. 185.	33.2	185.0	-32.8	-.17	-.11
855.5	174.4	343.4				68. 185.	27.1	185.0	-26.8	-.18	-.09
861.6	174.3	341.5				67. 185.	28.1	185.0	-27.8	-.18	-.09
864.7	174.2	340.6				68. 185.	27.2	185.0	-26.8	-.18	-.09
870.5	174.1	338.8				86. 185.					
876.9	174.0	336.8				80. 185.	14.9	185.0	-14.7	-.19	-.05
880.2	173.9	335.8				69. 185.	26.1	185.0	-25.8	-.18	-.09
885.8	173.8	334.1				77. 185.	17.9	185.0	-17.7	-.19	-.06
890.0	173.7	332.8				80. 185.	14.8	185.0	-14.5	-.19	-.05
895.0	173.6	331.2				85. 185.					
900.5	173.5	329.5				80. 185.	14.6	185.0	-14.4	-.19	-.05
904.3	173.4	328.4				74. 185.	20.8	185.0	-20.5	-.19	-.07
905.3	173.4	328.1				70. 275.	15.3	275.0	-2.7	-.20	-.01

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 77X11R * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -2.56 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 35.36 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 913.1 METERS J = 1 - 565

MAX PAPER WIDTH REQUIRED: 39.0 INCHES

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
5.5	179.6	359.9						69.	185.	21.0	185.0	3.8	.20	.01
10.9	179.2	359.8						81.	185.	9.0	185.0	1.6	.20	.01
16.5	178.8	359.7						72.	185.	19.2	185.0	3.5	.20	.01
22.6	178.4	359.5						67.	185.	24.6	185.0	4.5	.20	.02
28.3	178.0	359.4						76.	185.	16.0	185.0	2.8	.20	.01
33.8	177.6	359.3						78.	185.	14.4	185.0	2.6	.20	.01
35.7	177.5	359.3						77.	185.	15.5	185.0	2.8	.20	.01
39.4	177.2	359.2						81.	185.	11.8	185.0	2.1	.20	.01
44.9	176.9	359.1						76.	185.	17.1	185.0	3.1	.20	.01
50.7	176.5	359.0						71.	185.	22.5	185.0	4.1	.20	.01
52.3	176.3	359.0						82.	185.	11.7	185.0	2.1	.20	.01
56.6	176.0	358.9						90.	185.					
62.3	175.6	358.8						78.	185.	16.4	185.0	2.9	.20	.01
66.0	175.4	358.7						86.	185.					
69.7	175.1	358.6						90.	185.					
75.3	174.7	358.5						69.	185.	26.3	185.0	4.9	.20	.02
80.9	174.4	358.4						69.	185.	26.6	185.0	5.0	.20	.02
87.6	174.2	358.4						74.	185.	21.7	185.0	4.0	.20	.01
94.0	174.0	358.4						71.	185.	24.9	185.0	4.6	.20	.02
98.4	173.9	358.4						65.	185.	31.1	185.0	6.0	.20	.02
103.9	173.8	358.4						43.	185.	53.2	185.0	13.0	.19	.05
109.4	173.6	358.4						82.	185.	14.3	185.0	2.5	.20	.01
114.9	173.5	358.4						82.	185.	14.4	185.0	2.6	.20	.01
120.4	173.3	358.4						83.	185.	13.6	185.0	2.4	.20	.01
125.9	173.2	358.4						84.	185.	.8	185.0	.1	.20	.00
										12.7	185.0	2.2	.20	.01
131.7	173.1	358.4						81.	185.	15.8	185.0	2.8	.20	.01
137.5	172.9	358.4						83.	185.	.1	185.0	.0	.20	.00
										14.0	185.0	2.5	.20	.01
143.5	172.7	358.4						63.	185.	34.2	185.0	6.7	.20	.02
150.0	172.6	358.4						79.	185.	18.3	185.0	3.3	.20	.01
156.4	172.4	358.4						73.	185.	24.5	185.0	4.5	.20	.02
161.9	172.3	358.4						63.	185.	34.6	185.0	6.8	.20	.02
166.7	172.1	358.4						81.	185.	16.8	185.0	3.0	.20	.01
167.6	172.1	358.4						65.	185.	32.8	185.0	6.4	.20	.02
173.3	172.0	357.6						86.	185.					
178.9	172.0	354.2						70.	185.	27.8	185.0	5.2	.20	.02
184.3	172.0	351.0						81.	185.	16.6	185.0	3.0	.20	.01
190.1	172.0	347.6						80.	185.	17.4	185.0	3.1	.20	.01
195.8	172.0	344.2						69.	185.	28.3	185.0	5.3	.20	.02
201.8	172.0	340.6						76.	185.	20.9	185.0	3.8	.20	.01

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
207.1	172.0	337.4						82.	185.	.0	185.0	.0	.20	.00
										14.2	185.0	2.5	.20	.01
212.8	172.0	334.1						78.	185.	18.2	185.0	3.3	.20	.01
218.6	172.1	330.6						73.	185.	23.0	185.0	4.2	.20	.01
224.2	172.1	327.3						78.	185.	17.3	185.0	3.1	.20	.01
229.9	172.1	323.9						70.	185.	25.3	185.0	4.7	.20	.02
234.9	172.1	320.9						74.	185.	20.7	185.0	3.8	.20	.01
239.9	172.1	317.9						90.	185.					
243.0	172.1	316.1						70.	185.	24.3	185.0	4.5	.20	.02
249.0	172.1	312.5						85.	185.					
252.8	172.1	310.2						82.	185.	9.3	185.0	1.6	.20	.01
258.6	172.1	306.8						65.	185.	28.3	185.0	5.3	.20	.02
264.3	172.1	304.4						73.	185.	19.5	185.0	3.5	.20	.01
270.3	171.8	306.6						65.	185.	28.4	185.0	5.4	.20	.02
274.9	171.7	308.4						74.	185.	19.1	185.0	3.4	.20	.01
281.0	171.5	310.7						68.	185.	25.9	185.0	4.8	.20	.02
286.9	171.2	312.9						75.	185.	18.8	185.0	3.4	.20	.01
292.6	171.0	315.0						85.	185.					
298.2	170.8	317.1						90.	185.					
303.9	170.6	319.3						83.	185.	4.6	185.0	.8	.20	.00
										8.6	185.0	1.5	.20	.01
310.0	170.4	321.6						90.	185.					
315.1	170.2	323.5						77.	185.	18.7	185.0	3.4	.20	.01
320.8	170.0	325.6						83.	185.	4.8	185.0	.8	.20	.00
										10.8	185.0	1.9	.20	.01
326.6	169.8	327.8						78.	185.	18.5	185.0	3.3	.20	.01
332.3	169.6	329.9						84.	185.	8.6	185.0	1.5	.20	.01
338.4	169.4	332.2						81.	185.	2.0	185.0	.3	.20	.00
										15.9	185.0	2.8	.20	.01
346.0	169.1	335.1						83.	185.	5.0	185.0	.9	.20	.00
										13.9	185.0	2.5	.20	.01
349.1	169.0	336.3						71.	185.	28.0	185.0	5.3	.20	.02
355.3	168.8	338.4						81.	185.	2.5	185.0	.4	.20	.00
										17.5	185.0	3.1	.20	.01
361.5	168.8	338.9						74.	185.	25.3	185.0	4.7	.20	.02
366.8	168.8	339.2						85.	185.					
372.3	168.8	339.6						84.	185.	6.5	185.0	1.1	.20	.00
										13.8	185.0	2.4	.20	.01
377.9	168.8	340.0						85.	185.					
383.5	168.8	340.4						80.	185.	1.3	185.0	.2	.20	.00
										19.1	185.0	3.4	.20	.01

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* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
591.0	165.6	48.6				77. 185.	2.0 185.0 .4			.20	.00
							19.0 185.0 3.4			.20	.01
596.4	165.7	54.4				74. 185.	21.3 185.0 3.9			.20	.01
602.1	165.7	60.4				74. 185.	19.2 185.0 3.5			.20	.01
608.1	165.8	66.8				76. 185.	.4 185.0 .1			.20	.00
							13.2 185.0 2.3			.20	.01
613.3	165.8	72.3				85. 185.					
619.1	165.8	78.5				75. 185.	10.5 185.0 1.8			.20	.01
624.2	165.9	83.9				81. 185.					
631.1	166.3	71.1				80. 185.					
635.5	166.6	58.4				90. 185.					
657.4	168.3	355.3				55. 185.	46.5 185.0 10.4			.20	.04
659.2	168.5	350.1				67. 185.	33.9 185.0 6.7			.20	.02
665.4	168.9	332.3				71. 185.	27.4 185.0 5.2			.20	.02
669.8	168.9	326.2				81. 185.	2.9 185.0 .5			.20	.00
							14.5 185.0 2.6			.20	.01
675.6	168.6	326.2				81. 185.	3.4 185.0 .6			.20	.00
							14.5 185.0 2.6			.20	.01
679.1	168.3	326.2				81. 185.	3.9 185.0 .7			.20	.00
							14.4 185.0 2.6			.20	.01
683.1	168.1	326.2				81. 185.	4.2 185.0 .7			.20	.00
							14.4 185.0 2.6			.20	.01
687.9	167.8	326.2				81. 185.	4.7 185.0 .8			.20	.00
							14.4 185.0 2.6			.20	.01
693.1	167.4	326.2				74. 185.	23.9 185.0 4.4			.20	.02
696.9	167.2	326.2				81. 185.	5.9 185.0 1.0			.20	.00
							14.2 185.0 2.5			.20	.01
699.8	167.0	326.2				78. 185.	1.3 185.0 .2			.20	.00
							19.1 185.0 3.4			.20	.01
702.2	166.8	326.2				79. 185.	3.0 185.0 .5			.20	.00
							17.7 185.0 3.2			.20	.01
704.9	166.6	326.2				77. 185.	.5 185.0 .1			.20	.00
							20.5 185.0 3.7			.20	.01
710.0	166.3	326.2				72. 185.	26.7 185.0 5.0			.20	.02
714.6	166.0	326.2				80. 185.	6.1 185.0 1.1			.20	.00
							15.9 185.0 2.8			.20	.01
717.6	165.8	326.2				80. 185.	6.5 185.0 1.1			.20	.00
							15.8 185.0 2.8			.20	.01
720.0	165.7	326.2				82. 185.					
724.9	165.3	326.2				81. 185.					
730.0	165.1	326.4				75. 185.	23.6 185.0 4.3			.20	.02

****
* DDH: 77X11R * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
735.0	165.2	326.8						67.	185.	32.9	185.0	6.4	.20	.02
740.0	165.2	327.3						87.	185.					
745.0	165.3	327.8						81.	185.	10.0	185.0	1.8	.20	.01
										13.6	185.0	2.4	.20	.01
749.4	165.3	328.2						76.	185.	.9	185.0	.2	.20	.00
										22.8	185.0	4.2	.20	.01
754.0	165.4	328.7						81.	185.	9.1	185.0	1.6	.20	.01
										14.6	185.0	2.6	.20	.01
760.1	165.4	329.3						71.	185.	29.0	185.0	5.5	.20	.02
765.0	165.5	329.7						85.	185.					
770.3	165.5	330.3						65.	185.	35.7	185.0	7.1	.20	.02
775.0	165.6	330.7						70.	185.	30.3	185.0	5.8	.20	.02
780.0	165.6	331.2						61.	185.	40.0	185.0	8.3	.20	.03
785.0	165.7	331.7						60.	185.	41.1	185.0	8.6	.20	.03
790.0	165.8	332.2						65.	185.	35.9	185.0	7.2	.20	.02
795.4	166.6	333.4						68.	185.	32.4	185.0	6.3	.20	.02
801.3	167.4	334.6						74.	185.	25.6	185.0	4.8	.20	.02
805.2	168.0	335.4						76.	185.	23.2	185.0	4.3	.20	.01
809.9	168.7	336.4						79.	185.	.3	185.0	.1	.20	.00
										19.6	185.0	3.5	.20	.01
816.5	169.6	337.8						77.	185.	21.4	185.0	3.9	.20	.01
820.0	170.1	338.6						69.	185.	29.4	185.0	5.6	.20	.02
825.3	170.9	339.7						58.	185.	40.0	185.0	8.3	.20	.03
830.0	171.6	340.7						76.	185.	21.2	185.0	3.9	.20	.01
835.0	172.3	341.7						73.	185.	23.8	185.0	4.4	.20	.02
840.3	173.0	342.9						85.	185.					
845.0	173.7	343.9						80.	185.	15.6	185.0	2.8	.20	.01
849.4	174.4	344.8						62.	185.	33.2	185.0	6.5	.20	.02
855.5	174.4	343.4						68.	185.	27.1	185.0	5.1	.20	.02
861.6	174.3	341.5						67.	185.	28.1	185.0	5.3	.20	.02
864.7	174.2	340.6						68.	185.	27.2	185.0	5.1	.20	.02
870.5	174.1	338.8						86.	185.					
876.9	174.0	336.8						80.	185.	14.9	185.0	2.6	.20	.01
880.2	173.9	335.8						69.	185.	26.1	185.0	4.9	.20	.02
885.8	173.8	334.1						77.	185.	17.9	185.0	3.2	.20	.01
890.0	173.7	332.8						80.	185.	14.8	185.0	2.6	.20	.01
895.0	173.6	331.2						85.	185.					
900.5	173.5	329.5						80.	185.	14.6	185.0	2.6	.20	.01
904.3	173.4	328.4						74.	185.	20.8	185.0	3.8	.20	.01
905.3	173.4	328.1						70.	275.	15.3	275.0	-15.1	-.19	-.05

****
* DDH: 78X01GY * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 411
POINTS = 410 MAX DDH DEPTH = 850.1 METERS
MAX TRUE DEPTH = 833.1 METERS
EASTING: -100.3 - .2 METERS
NORTHING: -8.2 - 85.5 METERS

TYPE C DATA (CONTACTS) ----- 79
TYPE F DATA (PLANES) ------- 166
TYPE P DATA (SAMPLES) ------ 23
TYPE S DATA (SYMMETRY) ----- 73
TYPE X DATA (REF MARKERS) -- 42
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT
1	1.8	01 #	21	376.4	21 5B0	41	538.4	41 5D3	61	659.7	61 5B6
2	43.9	02 5B1	22	377.8	22 5D3	42	545.8	42 5D3	62	662.7	62 5D3
3	53.0	03 5B0	23	392.6	23 5B0	43	560.9	43 5B0	63	672.3	63 5B6
4	54.8	04 0Q0	24	395.0	24 5D3	44	564.6	44 5D3	64	676.3	64 5D3
5	97.2	05 5B0	25	398.7	25 5B0	45	572.0	45 5D3	65	680.3	65 5B6
6	126.9	06 5B6	26	402.6	26 5D3	46	582.2	46 5D3	66	683.8	66 5D3
7	162.6	07 5B0	27	406.7	27 5B0	47	598.2	47 5D3	67	688.6	67 5B0
8	173.7	08 5B6	28	422.7	28 5D3	48	608.8	48 5D3	68	691.0	68 5D3
9	186.0	09 5B0	29	457.0	29 5B7	49	616.4	49 5B2	69	708.2	69 5A1
10	218.1	10 5B6	30	459.7	30 5D3	50	620.0	50 4D4	70	757.8	70 3G0
11	229.3	11 0C6	31	469.2	31 5B7	51	622.1	51 5D6	71	760.2	71 4L7
12	232.7	12 5B7	32	471.0	32 5A3	52	622.9	52 4A0	72	778.5	72 3G0
13	282.3	13 5B6	33	475.1	33 5D6	53	623.5	53 5D6	73	797.0	73 4L7
14	283.6	14 5D6	34	476.7	34 4E1	54	626.6	54 4A0	74	807.9	74 3D1
15	285.0	15 5B6	35	480.4	35 5BD	55	627.8	55 5D6	75	811.0	75 4L7
16	347.1	16 5B7	36	485.4	36 4D0	56	629.7	56 5A0	76	815.0	76 3D1
17	350.5	17 5B6	37	487.7	37 4L0	57	630.3	57 4A0	77	825.0	77 3G0
18	353.0	18 5D3	38	499.7	38 5B7	58	642.5	58 4D0	78	830.3	78 3D4
19	372.7	19 5B0	39	502.5	39 5D3	59	645.8	59 5A1	79	850.1	79 3G0
20	373.5	20 5D3	40	534.1	40 5D3	60	649.5	60 4A4			

PROGRAM COMMAND: PLOTA,1000,015

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*************************
*     DDH:  78X01GY     *    START PLOT NUMBER  1
*************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   -.41 -   2.23 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  32.80 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   850.1 METERS     J =   1 - 410

     MAX PAPER WIDTH REQUIRED:   36.0 INCHES

***** PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,015

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*************************
*     DDH:  78X01GY     *    START PLOT NUMBER  2
*************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   -.41 -   2.23 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  32.80 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   850.1 METERS     J =   1 - 410

     MAX PAPER WIDTH REQUIRED:   36.0 INCHES
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****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
8.8	179.9	346.8					83. 185.	7.0	185.0	-6.9	-.20	-.02
13.7	179.9	339.5					69. 185.	21.0	185.0	-20.7	-.19	-.07
18.2	179.9	332.7					71. 185.	19.0	185.0	-18.7	-.19	-.06
23.2	179.8	325.2					80. 185.	10.0	185.0	-9.9	-.20	-.03
29.4	179.8	315.9					73. 185.	17.0	185.0	-16.8	-.19	-.06
33.8	179.6	298.2					79. 185.	11.0	185.0	-10.8	-.20	-.04
37.5	179.4	280.2					62. 185.	28.0	185.0	-27.6	-.18	-.09
43.4	179.1	251.4					77. 185.	13.0	185.0	-12.8	-.20	-.04
47.6	178.8	231.0					75. 185.	14.1	185.0	-13.9	-.19	-.05
52.9	178.6	205.2					78. 185.	10.7	185.0	-10.5	-.20	-.04
58.8	178.2	176.4					54. 185.	34.2	185.0	-33.8	-.17	-.11
62.8	178.1	167.1					79. 185.	9.2	185.0	-9.0	-.20	-.03
65.2	178.1	168.9					78. 185.	10.2	185.0	-10.0	-.20	-.03
71.1	178.0	173.5					73. 185.	15.0	185.0	-14.8	-.19	-.05
74.9	178.0	176.4					76. 185.	12.0	185.0	-11.8	-.20	-.04
80.2	178.0	180.5					85. 185.					
85.2	177.9	184.3					85. 185.					
90.7	177.9	188.6					75. 185.	12.9	185.0	-12.7	-.20	-.04
95.2	177.8	191.0					74. 185.	13.8	185.0	-13.6	-.19	-.05
100.0	177.6	193.4					88. 185.					
105.0	177.5	195.8					85. 185.					
115.0	177.2	200.8					77. 185.	10.3	185.0	-10.1	-.20	-.04
120.0	177.1	203.3					76. 185.	11.2	185.0	-11.1	-.20	-.04
126.3	176.8	205.8					65. 185.	22.0	185.0	-21.7	-.19	-.07
130.0	176.6	207.1					80. 185.	6.8	185.0	-6.7	-.20	-.02
135.0	176.4	208.8					71. 185.	15.7	185.0	-15.4	-.19	-.05
140.0	176.2	210.6					90. 185.					
145.9	175.9	212.7					75. 185.	11.2	185.0	-11.1	-.20	-.04
149.5	175.7	214.0					80. 185.	6.0	185.0	-5.9	-.20	-.02
155.0	175.6	216.9					82. 185.	3.9	185.0	-3.9	-.20	-.01
160.2	175.7	220.7					76. 185.	10.3	185.0	-10.1	-.20	-.04
165.0	175.8	224.2					77. 185.	9.5	185.0	-9.3	-.20	-.03
170.1	175.9	227.9					84. 185.	2.3	185.0	-2.3	-.20	-.01
175.0	176.0	231.4					74. 185.	13.0	185.0	-12.8	-.20	-.04
180.0	176.1	235.1					84. 185.	2.7	185.0	-2.7	-.20	-.01
185.0	176.1	237.7					79. 185.	8.2	185.0	-8.1	-.20	-.03
190.6	176.1	239.0					71. 185.	16.5	185.0	-16.2	-.19	-.06
195.1	176.1	240.0					81. 185.	6.2	185.0	-6.1	-.20	-.02
200.0	176.2	241.1					64. 185.	23.7	185.0	-23.4	-.18	-.08
205.3	176.2	242.3					67. 185.	20.7	185.0	-20.4	-.19	-.07
210.0	176.2	243.4					54. 185.	33.9	185.0	-33.5	-.17	-.11

****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
215.1	176.1	244.5						81.	185.	6.4	185.0	-6.3	-.20	-.02
218.1	176.0	245.0.						25.	185.	62.9	185.0	-62.6	-.09	-.18
229.3	175.7	246.9						52.	5.	39.9	5.0	39.4	.15	.13
232.0	175.6	247.4						71.	185.	16.6	185.0	-16.3	-.19	-.06
239.0	175.4	248.6						79.	185.	8.2	185.0	-8.0	-.20	-.03
245.0	175.2	250.5						80.	185.	7.0	185.0	-6.9	-.20	-.02
250.4	175.1	255.4						74.	185.	13.7	185.0	-13.5	-.19	-.05
254.8	175.1	259.4						83.	185.					
260.1	175.0	264.3						74.	185.	14.3	185.0	-14.1	-.19	-.05
264.7	175.0	268.4						65.	185.	24.0	185.0	-23.6	-.18	-.08
270.2	174.9	273.5						90.	185.					
275.1	174.8	277.5						80.	185.	8.6	185.0	-8.4	-.20	-.03
280.3	174.4	279.2						70.	185.	19.2	185.0	-19.0	-.19	-.07
285.0	174.0	280.8						77.	185.	11.6	185.0	-11.4	-.20	-.04
290.0	173.6	282.6						75.	185.	14.5	185.0	-14.3	-.19	-.05
295.0	173.1	284.3						73.	185.	16.7	185.0	-16.5	-.19	-.06
300.5	172.7	286.1						80.	185.	7.1	185.0	-7.0	-.20	-.02
305.4	172.3	287.7						76.	185.	13.6	185.0	-13.4	-.19	-.05
310.1	172.0	288.5						76.	185.	13.6	185.0	-13.4	-.19	-.05
315.8	171.6	289.5						76.	185.	13.6	185.0	-13.4	-.19	-.05
320.0	171.3	290.3						70.	185.	20.5	185.0	-20.2	-.19	-.07
325.0	171.0	291.2						81.	185.	3.6	185.0	-3.5	-.20	-.01
330.0	170.6	292.1						81.	185.	2.8	185.0	-2.8	-.20	-.01
335.7	170.3	293.1						64.	185.	27.5	185.0	-27.1	-.18	-.09
340.0	170.0	294.1						82.	185.					
345.0	169.7	295.3						67.	185.	24.6	185.0	-24.3	-.18	-.08
350.0	169.4	296.5						65.	185.	27.0	185.0	-26.7	-.18	-.09
355.0	169.1	297.7						83.	185.					
360.2	168.8	298.9						62.	185.	30.8	185.0	-30.4	-.17	-.10
365.1	168.5	300.0						74.	185.	17.1	185.0	-16.9	-.19	-.06
370.2	168.2	300.9						80.	185.					
375.0	167.9	301.6						80.	185.					
380.1	167.6	302.3						86.	185.					
385.0	167.2	303.0						75.	185.	16.0	185.0	-15.8	-.19	-.05
388.0	167.0	303.5						80.	185.					
390.5	166.9	303.9						73.	185.	19.1	185.0	-18.8	-.19	-.06
395.4	166.6	304.6						77.	185.	.9	185.0	-.8	-.20	-.00
										12.6	185.0	-12.4	-.20	-.04
400.8	166.4	304.7						84.	185.					
405.2	166.4	304.8						75.	185.	16.2	185.0	-16.0	-.19	-.06
408.3	166.3	304.8						79.	185.					

****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H V
410.0	166.3	304.8						80.	185.				
415.0	166.2	304.9						80.	185.				
420.0	166.1	304.9						74.	185.	17.7	185.0	-17.4	-.19 -.06
425.0	166.0	305.0						79.	185.				
430.0	165.8	305.1						90.	185.				
434.8	165.5	305.3						67.	185.	26.9	185.0	-26.6	-.18 -.09
440.7	165.2	305.5						66.	185.	28.2	185.0	-27.8	-.18 -.09
445.4	164.9	305.6						70.	185.	23.2	185.0	-22.9	-.18 -.08
450.3	164.6	305.8						77.	185.				
455.0	164.3	305.9						90.	185.				
460.2	164.2	306.1						83.	185.				
465.0	164.1	306.2						83.	185.				
470.5	164.0	306.3						82.	185.				
475.0	163.9	306.5						70.	185.	23.3	185.0	-23.0	-.18 -.08
480.0	163.8	306.6						87.	185.				
485.0	163.7	306.7						78.	185.				
489.2	163.7	307.0						80.	185.				
495.5	163.6	307.6						73.	185.	19.1	185.0	-18.8	-.19 -.06
500.3	163.5	308.1						78.	185.				
505.0	163.4	308.6						81.	185.				
510.0	163.3	309.1						72.	185.	21.3	185.0	-21.0	-.19 -.07
515.0	163.3	309.7						82.	185.				
520.2	163.3	310.6						90.	185.				
525.5	163.5	312.2						83.	185.				
530.0	163.6	313.5						82.	185.				
534.5	163.8	314.8						74.	185.	.3	185.0	-.3	-.20 -.00
										20.8	185.0	-20.5	-.19 -.07
540.3	164.0	316.5						85.	185.				
544.9	164.2	317.9						83.	185.				
550.0	164.4	319.3						79.	185.				
555.6	164.7	320.3						60.	185.	39.2	185.0	-38.8	-.16 -.13
560.7	165.0	321.2						80.	185.				
565.0	165.2	322.0						80.	185.	10.9	185.0	-10.7	-.20 -.04
570.0	165.5	322.9						89.	185.				
575.0	165.8	323.8						79.	185.	4.9	185.0	-4.8	-.20 -.02
										16.7	185.0	-16.4	-.19 -.06
580.4	166.1	324.7						75.	185.	22.8	185.0	-22.5	-.18 -.08
585.0	166.4	325.5						75.	185.	22.9	185.0	-22.6	-.18 -.08
590.0	166.7	326.4						70.	185.	28.7	185.0	-28.4	-.18 -.10
595.8	167.1	327.3						85.	185.				
600.0	167.4	328.1						85.	185.				

****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
605.0	167.7	328.9						81.	185.	4.6	185.0	-4.5	-.20	-.02
										15.4	185.0	-15.2	-.19	-.05
610.0	168.0	329.7						76.	185.	22.1	185.0	-21.7	-.19	-.07
614.8	167.8	330.0						75.	185.	23.4	185.0	-23.0	-.18	-.08
620.3	167.6	330.4						75.	185.	23.6	185.0	-23.2	-.18	-.08
625.0	167.5	330.7						70.	185.	29.2	185.0	-28.8	-.18	-.10
630.0	167.3	331.0						74.	185.	25.0	185.0	-24.6	-.18	-.08
635.0	167.2	331.4						81.	185.	5.1	185.0	-5.0	-.20	-.02
										16.3	185.0	-16.1	-.19	-.06
639.7	167.0	331.7						80.	185.	3.9	185.0	-3.8	-.20	-.01
										18.0	185.0	-17.7	-.19	-.06
645.0	167.0	332.2						80.	185.	3.8	185.0	-3.8	-.20	-.01
										18.1	185.0	-17.9	-.19	-.06
655.0	166.9	333.1						68.	185.	32.1	185.0	-31.7	-.17	-.11
659.7	166.9	333.6						64.	185.	36.4	185.0	-36.0	-.16	-.12
665.0	166.8	334.1						77.	185.	.2	185.0	-.2	-.20	-.00
										22.5	185.0	-22.2	-.19	-.08
671.9	166.8	334.7						72.	185.	28.2	185.0	-27.9	-.18	-.09
675.0	166.7	334.9						62.	185.	38.8	185.0	-38.4	-.16	-.12
680.0	166.5	335.3						60.	185.	41.1	185.0	-40.7	-.15	-.13
685.0	166.3	335.7						64.	185.	37.2	185.0	-36.8	-.16	-.12
690.0	166.2	336.1						82.	185.	7.6	185.0	-7.5	-.20	-.03
										16.6	185.0	-16.4	-.19	-.06
694.9	166.0	336.4						78.	185.	2.3	185.0	-2.3	-.20	-.01
										22.4	185.0	-22.1	-.19	-.08
700.0	165.8	336.8						65.	185.	36.7	185.0	-36.3	-.16	-.12
705.5	166.0	336.3						80.	185.	4.9	185.0	-4.8	-.20	-.02
										19.8	185.0	-19.5	-.19	-.07
710.0	166.2	335.7						87.	185.					
715.0	166.5	335.0						80.	185.	4.3	185.0	-4.2	-.20	-.01
										19.2	185.0	-18.9	-.19	-.06
720.0	166.7	334.3						70.	185.	30.4	185.0	-30.0	-.17	-.10
730.0	167.2	333.0						78.	185.	1.0	185.0	-.9	-.20	-.00
										20.9	185.0	-20.6	-.19	-.07
735.5	167.3	332.2						72.	185.	27.4	185.0	-27.1	-.18	-.09
740.0	167.3	331.6						77.	185.	21.7	185.0	-21.4	-.19	-.07
744.7	167.3	330.9						52.	185.	48.0	185.0	-47.6	-.13	-.15
750.0	167.4	330.2						75.	185.	23.6	185.0	-23.3	-.18	-.08
765.6	166.8	326.8						87.	185.					
770.0	166.0	324.6						65.	185.	34.2	185.0	-33.8	-.17	-.11
775.0	165.1	322.2						64.	185.	35.1	185.0	-34.7	-.16	-.11

****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
780.6	164.1	319.5						64.	185.	34.9	185.0	-34.5	-.16	-.11
785.0	163.3	317.3						75.	185.	2.7	185.0	-2.7	-.20	-.01
										20.1	185.0	-19.8	-.19	-.07
791.0	162.3	314.4						65.	185.	32.6	185.0	-32.2	-.17	-.11
795.3	162.2	313.8						60.	185.	38.3	185.0	-37.9	-.16	-.12
800.0	162.5	313.9						74.	185.	2.6	185.0	-2.5	-.20	-.01
										19.8	185.0	-19.5	-.19	-.07
805.0	162.9	314.1						74.	185.	1.8	185.0	-1.8	-.20	-.01
										20.1	185.0	-19.8	-.19	-.07
810.0	163.3	314.3						58.	185.	40.3	185.0	-39.9	-.15	-.13
815.0	163.6	314.4						69.	185.	27.5	185.0	-27.2	-.18	-.09
820.0	164.0	314.6						82.	185.					
825.0	164.2	314.7						69.	185.	27.5	185.0	-27.2	-.18	-.09
830.0	164.2	314.7						75.	185.	1.3	185.0	-1.3	-.20	-.00
										19.2	185.0	-18.9	-.19	-.06
835.0	164.2	314.7						73.	185.	22.3	185.0	-22.0	-.19	-.07
840.0	164.2	314.7						90.	185.					
845.0	164.2	314.7						84.	185.					
850.0	164.2	314.7						82.	185.					

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 78X01GY * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -4.69 - .02 (INCHES)
Y-AXIS BOREHOLE LENGTH: 32.80 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 850.1 METERS J = 1 - 410

MAX PAPER WIDTH REQUIRED: 36.0 INCHES

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* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
8.8	179.9	346.8						83.	185.	7.0	185.0	1.2	.20	.00
13.7	179.9	339.5						69.	185.	21.0	185.0	3.8	.20	.01
18.2	179.9	332.7						71.	185.	19.0	185.0	3.4	.20	.01
23.2	179.8	325.2						80.	185.	10.0	185.0	1.8	.20	.01
29.4	179.8	315.9						73.	185.	17.0	185.0	3.0	.20	.01
33.8	179.6	298.2						79.	185.	11.0	185.0	1.9	.20	.01
37.5	179.4	280.2						62.	185.	28.0	185.0	5.3	.20	.02
43.4	179.1	251.4						77.	185.	13.0	185.0	2.3	.20	.01
47.6	178.8	231.0						75.	185.	14.1	185.0	2.5	.20	.01
52.9	178.6	205.2						78.	185.	10.7	185.0	1.9	.20	.01
58.8	178.2	176.4						54.	185.	34.2	185.0	6.7	.20	.02
62.8	178.1	167.1						79.	185.	9.2	185.0	1.6	.20	.01
65.2	178.1	168.9						78.	185.	10.2	185.0	1.8	.20	.01
71.1	178.0	173.5						73.	185.	15.0	185.0	2.7	.20	.01
74.9	178.0	176.4						76.	185.	12.0	185.0	2.1	.20	.01
80.2	178.0	180.5						85.	185.					
85.2	177.9	184.3						85.	185.					
90.7	177.9	188.6						75.	185.	12.9	185.0	2.3	.20	.01
95.2	177.8	191.0						74.	185.	13.8	185.0	2.4	.20	.01
100.0	177.6	193.4						88.	185.					
105.0	177.5	195.8						85.	185.					
115.0	177.2	200.8						77.	185.	10.3	185.0	1.8	.20	.01
120.0	177.1	203.3						76.	185.	11.2	185.0	2.0	.20	.01
126.3	176.8	205.8						65.	185.	22.0	185.0	4.0	.20	.01
130.0	176.6	207.1						80.	185.	6.8	185.0	1.2	.20	.00
135.0	176.4	208.8						71.	185.	15.7	185.0	2.8	.20	.01
140.0	176.2	210.6						90.	185.					
145.9	175.9	212.7						75.	185.	11.2	185.0	2.0	.20	.01
149.5	175.7	214.0						80.	185.	6.0	185.0	1.0	.20	.00
155.0	175.6	216.9						82.	185.	3.9	185.0	.7	.20	.00
160.2	175.7	220.7						76.	185.	10.3	185.0	1.8	.20	.01
165.0	175.8	224.2						77.	185.	9.5	185.0	1.7	.20	.01
170.1	175.9	227.9						84.	185.	2.3	185.0	.4	.20	.00
175.0	176.0	231.4						74.	185.	13.0	185.0	2.3	.20	.01
180.0	176.1	235.1						84.	185.	2.7	185.0	.5	.20	.00
185.0	176.1	237.7						79.	185.	8.2	185.0	1.4	.20	.00
190.6	176.1	239.0						71.	185.	16.5	185.0	2.9	.20	.01
195.1	176.1	240.0						81.	185.	6.2	185.0	1.1	.20	.00
200.0	176.2	241.1						64.	185.	23.7	185.0	4.4	.20	.02
205.3	176.2	242.3						67.	185.	20.7	185.0	3.8	.20	.01
210.0	176.2	243.4						54.	185.	33.9	185.0	6.7	.20	.02

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* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
215.1	176.1	244.5					81. 185.	6.4	185.0	1.1	.20	.00
218.1	176.0	245.0					25. 185.	62.9	185.0	18.8	.19	.06
229.3	175.7	246.9					52. 5.	39.9	5.0	-8.3	-.20	-.03
232.0	175.6	247.4					71. 185.	16.6	185.0	3.0	.20	.01
239.0	175.4	248.6					79. 185.	8.2	185.0	1.4	.20	.00
245.0	175.2	250.5					80. 185.	7.0	185.0	1.2	.20	.00
250.4	175.1	255.4					74. 185.	13.7	185.0	2.4	.20	.01
254.8	175.1	259.4					83. 185.					
260.1	175.0	264.3					74. 185.	14.3	185.0	2.5	.20	.01
264.7	175.0	268.4					65. 185.	24.0	185.0	4.4	.20	.02
270.2	174.9	273.5					90. 185.					
275.1	174.8	277.5					80. 185.	8.6	185.0	1.5	.20	.01
280.3	174.4	279.2					70. 185.	19.2	185.0	3.5	.20	.01
285.0	174.0	280.8					77. 185.	11.6	185.0	2.0	.20	.01
290.0	173.6	282.6					75. 185.	14.5	185.0	2.6	.20	.01
295.0	173.1	284.3					73. 185.	16.7	185.0	3.0	.20	.01
300.5	172.7	286.1					80. 185.	7.1	185.0	1.2	.20	.00
305.4	172.3	287.7					76. 185.	13.6	185.0	2.4	.20	.01
310.1	172.0	288.5					76. 185.	13.6	185.0	2.4	.20	.01
315.8	171.6	289.5					76. 185.	13.6	185.0	2.4	.20	.01
320.0	171.3	290.3					70. 185.	20.5	185.0	3.7	.20	.01
325.0	171.0	291.2					81. 185.	3.6	185.0	.6	.20	.00
330.0	170.6	292.1					81. 185.	2.8	185.0	.5	.20	.00
335.7	170.3	293.1					64. 185.	27.5	185.0	5.2	.20	.02
340.0	170.0	294.1					82. 185.					
345.0	169.7	295.3					67. 185.	24.6	185.0	4.5	.20	.02
350.0	169.4	296.5					65. 185.	27.0	185.0	5.1	.20	.02
355.0	169.1	297.7					83. 185.					
360.2	168.8	298.9					62. 185.	30.8	185.0	5.9	.20	.02
365.1	168.5	300.0					74. 185.	17.1	185.0	3.1	.20	.01
370.2	168.2	300.9					80. 185.					
375.0	167.9	301.6					80. 185.					
380.1	167.6	302.3					86. 185.					
385.0	167.2	303.0					75. 185.	16.0	185.0	2.9	.20	.01
388.0	167.0	303.5					80. 185.					
390.5	166.9	303.9					73. 185.	19.1	185.0	3.4	.20	.01
395.4	166.6	304.6					77. 185.	.9	185.0	.1	.20	.00
								12.6	185.0	2.2	.20	.01
400.8	166.4	304.7					84. 185.					
405.2	166.4	304.8					75. 185.	16.2	185.0	2.9	.20	.01
408.3	166.3	304.8					79. 185.					

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* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
410.0	166.3	304.8					80. 185.					
415.0	166.2	304.9					80. 185.					
420.0	166.1	304.9					74. 185.	17.7	185.0	3.2	.20	.01
425.0	166.0	305.0					79. 185.					
430.0	165.8	305.1					90. 185.					
434.8	165.5	305.3					67. 185.	26.9	185.0	5.0	.20	.02
440.7	165.2	305.5					66. 185.	28.2	185.0	5.3	.20	.02
445.4	164.9	305.6					70. 185.	23.2	185.0	4.3	.20	.01
450.3	164.6	305.8					77. 185.					
455.0	164.3	305.9					90. 185.					
460.2	164.2	306.1					83. 185.					
465.0	164.1	306.2					83. 185.					
470.5	164.0	306.3					82. 185.					
475.0	163.9	306.5					70. 185.	23.3	185.0	4.3	.20	.01
480.0	163.8	306.6					87. 185.					
485.0	163.7	306.7					78. 185.					
489.2	163.7	307.0					80. 185.					
495.5	163.6	307.6					73. 185.	19.1	185.0	3.4	.20	.01
500.3	163.5	308.1					78. 185.					
505.0	163.4	308.6					81. 185.					
510.0	163.3	309.1					72. 185.	21.3	185.0	3.9	.20	.01
515.0	163.3	309.7					82. 185.					
520.2	163.3	310.6					90. 185.					
525.5	163.5	312.2					83. 185.					
530.0	163.6	313.5					82. 185.					
534.5	163.8	314.8					74. 185.	.3	185.0	.1	.20	.00
								20.8	185.0	3.8	.20	.01
540.3	164.0	316.5					85. 185.					
544.9	164.2	317.9					83. 185.					
550.0	164.4	319.3					79. 185.					
555.6	164.7	320.3					60. 185.	39.2	185.0	8.1	.20	.03
560.7	165.0	321.2					80. 185.					
565.0	165.2	322.0					80. 185.	10.9	185.0	1.9	.20	.01
570.0	165.5	322.9					89. 185.					
575.0	165.8	323.8					79. 185.	4.9	185.0	.8	.20	.00
								16.7	185.0	3.0	.20	.01
580.4	166.1	324.7					75. 185.	22.8	185.0	4.2	.20	.01
585.0	166.4	325.5					75. 185.	22.9	185.0	4.2	.20	.01
590.0	166.7	326.4					70. 185.	28.7	185.0	5.4	.20	.02
595.8	167.1	327.3					85. 185.					
600.0	167.4	328.1					85. 185.					

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* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
605.0	167.7	328.9						81.	185.	4.6	185.0	.8	.20	.00
										15.4	185.0	2.7	.20	.01
610.0	168.0	329.7						76.	185.	22.1	185.0	4.0	.20	.01
614.8	167.8	330.0						75.	185.	23.4	185.0	4.3	.20	.01
620.3	167.6	330.4						75.	185.	23.6	185.0	4.3	.20	.02
625.0	167.5	330.7						70.	185.	29.2	185.0	5.5	.20	.02
630.0	167.3	331.0						74.	185.	25.0	185.0	4.6	.20	.02
635.0	167.2	331.4						81.	185.	5.1	185.0	.9	.20	.00
										16.3	185.0	2.9	.20	.01
639.7	167.0	331.7						80.	185.	3.9	185.0	.7	.20	.00
										18.0	185.0	3.2	.20	.01
645.0	167.0	332.2						80.	185.	3.8	185.0	.7	.20	.00
										18.1	185.0	3.3	.20	.01
655.0	166.9	333.1						68.	185.	32.1	185.0	6.2	.20	.02
659.7	166.9	333.6						64.	185.	36.4	185.0	7.3	.20	.03
665.0	166.8	334.1						77.	185.	.2	185.0	.0	.20	.00
										22.5	185.0	4.1	.20	.01
671.9	166.8	334.7						72.	185.	28.2	185.0	5.3	.20	.02
675.0	166.7	334.9						62.	185.	38.8	185.0	8.0	.20	.03
680.0	166.5	335.3						60.	185.	41.1	185.0	8.6	.20	.03
685.0	166.3	335.7						64.	185.	37.2	185.0	7.5	.20	.03
690.0	166.2	336.1						82.	185.	7.6	185.0	1.3	.20	.00
										16.6	185.0	3.0	.20	.01
694.9	166.0	336.4						78.	185.	2.3	185.0	.4	.20	.00
										22.4	185.0	4.1	.20	.01
700.0	165.8	336.8						65.	185.	36.7	185.0	7.4	.20	.03
705.5	166.0	336.3						80.	185.	4.9	185.0	.8	.20	.00
										19.8	185.0	3.6	.20	.01
710.0	166.2	335.7						87.	185.					
715.0	166.5	335.0						80.	185.	4.3	185.0	.7	.20	.00
										19.2	185.0	3.5	.20	.01
720.0	166.7	334.3						70.	185.	30.4	185.0	5.8	.20	.02
730.0	167.2	333.0						78.	185.	1.0	185.0	.2	.20	.00
										20.9	185.0	3.8	.20	.01
735.5	167.3	332.2						72.	185.	27.4	185.0	5.1	.20	.02
740.0	167.3	331.6						77.	185.	21.7	185.0	3.9	.20	.01
744.7	167.3	330.9						52.	185.	48.0	185.0	10.9	.20	.04
750.0	167.4	330.2						75.	185.	23.6	185.0	4.3	.20	.02
765.6	166.8	326.8						87.	185.					
770.0	166.0	324.6						65.	185.	34.2	185.0	6.7	.20	.02
775.0	165.1	322.2						64.	185.	35.1	185.0	7.0	.20	.02

****
* DDH: 78X01GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP	CA DIPD	DIP DIPD		AP-DIP	H	V
780.6	164.1	319.5				64. 185.	34.9	185.0	6.9	.20	.02
785.0	163.3	317.3				75. 185.	2.7	185.0	.5	.20	.00
							20.1	185.0	3.6	.20	.01
791.0	162.3	314.4				65. 185.	32.6	185.0	6.3	.20	.02
795.3	162.2	313.8				60. 185.	38.3	185.0	7.8	.20	.03
800.0	162.5	313.9				74. 185.	2.6	185.0	.4	.20	.00
							19.8	185.0	3.6	.20	.01
805.0	162.9	314.1				74. 185.	1.8	185.0	.3	.20	.00
							20.1	185.0	3.6	.20	.01
810.0	163.3	314.3				58. 185.	40.3	185.0	8.4	.20	.03
815.0	163.6	314.4				69. 185.	27.5	185.0	5.2	.20	.02
820.0	164.0	314.6				82. 185.					
825.0	164.2	314.7				69. 185.	27.5	185.0	5.2	.20	.02
830.0	164.2	314.7				75. 185.	1.3	185.0	.2	.20	.00
							19.2	185.0	3.5	.20	.01
835.0	164.2	314.7				73. 185.	22.3	185.0	4.1	.20	.01
840.0	164.2	314.7				90. 185.					
845.0	164.2	314.7				84. 185.					
850.0	164.2	314.7				82. 185.					

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*     DDH:  78X01GY      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    319309.0  NORTH: 22648675.0
                      ELEV:     1127.8


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
     1  T78X01GY 01127.82264867500319309 METERS
     2  R78X01GY 00000        180.0 000.0 AT COLLAR
     3  R78X01GY 00305        179.8 314.3
     4  R78X01GY 00610        178.1 165.7   SPERRY SUN  GYRO
     5  R78X01GY 00914        177.9 189.1
     6  R78X01GY 01219        177.0 204.2
     7  R78X01GY 01524        175.6 215.0
     8  R78X01GY 01829        176.1 237.2
     9  R78X01GY 02134        176.2 244.2
    10  R78X01GY 02438        175.2 249.4
    11  R78X01GY 02743        174.9 277.2
    12  R78X01GY 03048        172.3 287.6
    13  R78X01GY 03353        170.3 293.0
    14  R78X01GY 03658        168.5 300.2
    15  R78X01GY 03962        166.5 304.7
    16  R78X01GY 04267        166.0 305.0
    17  R78X01GY 04572        164.2 306.0
    18  R78X01GY 04877        163.7 306.8
    19  R78X01GY 05182        163.2 310.0
    20  R78X01GY 05486        164.3 319.0
    21  R78X01GY 05791        166.0 324.5
    22  R78X01GY 06096        168.0 329.7
    23  R78X01GY 06401        167.0 331.7
    24  R78X01GY 06706        166.8 334.6
    25  R78X01GY 07010        165.8 336.9
    26  R78X01GY 07315        167.3 332.8
    27  R78X01GY 07620        167.4 328.5
    28  R78X01GY 07925        162.0 313.7
    29  R78X01GY 08230        164.2 314.7
    30  L78X01GY 00000 00018 01   #
    31  L78X01GY 00018 00439 02 5B1
    32  L78X01GY 00439 00530 03 5B0
    33  L78X01GY 00530 00548 04 0Q0
    34  L78X01GY 00548 00972 05 5B0
    35  L78X01GY 00972 01269 06 5B6
    36  L78X01GY 01269 01626 07 5B0
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78X01GY 01626 01737 08 5B6
   38 L78X01GY 01737 01860 09 5B0
   39 L78X01GY 01860 02181 10 5B6
   40 L78X01GY 02181 02293 11 0C6
   41 L78X01GY 02293 02327 12 5B7
   42 L78X01GY 02327 02823 13 5B6
   43 L78X01GY 02823 02836 14 5D6
   44 L78X01GY 02836 02850 15 5B6
   45 L78X01GY 02850 03471 16 5B7
   46 L78X01GY 03471 03505 17 5B6
   47 L78X01GY 03505 03530 18 5D3
   48 L78X01GY 03530 03727 19 5B0
   49 L78X01GY 03727 03735 20 5D3
   50 L78X01GY 03735 03764 21 5B0
   51 L78X01GY 03764 03778 22 5D3
   52 L78X01GY 03778 03926 23 5B0
   53 L78X01GY 03926 03950 24 5D3
   54 L78X01GY 03950 03987 25 5B0
   55 L78X01GY 03987 04026 26 5D3
   56 L78X01GY 04026 04067 27 5B0
   57 L78X01GY 04067 04227 28 5D3
   58 L78X01GY 04227 04570 29 5B7
   59 L78X01GY 04570 04597 30 5D3
   60 L78X01GY 04597 04692 31 5B7
   61 L78X01GY 04692 04710 32 5A3
   62 L78X01GY 04710 04751 33 5D6
   63 L78X01GY 04751 04767 34 4E1
   64 L78X01GY 04767 04804 35 5BD
   65 L78X01GY 04804 04854 36 4D0
   66 L78X01GY 04854 04877 37 4L0
   67 L78X01GY 04877 04997 38 5B7
   68 L78X01GY 04997 05025 39 5D3
   69 L78X01GY 05025 05341 40 5D3
   70 L78X01GY 05341 05384 41 5D3
   71 L78X01GY 05384 05458 42 5D3
   72 L78X01GY 05458 05609 43 5B0
   73 L78X01GY 05609 05646 44 5D3
   74 L78X01GY 05646 05720 45 5D3
   75 L78X01GY 05720 05822 46 5D3
   76 L78X01GY 05822 05982 47 5D3
   77 L78X01GY 05982 06088 48 5D3
   78 L78X01GY 06088 06164 49 5B2
      1.....1.....2.....3.....4.....5.....6.....7.....8
           0     0     0     0     0     0     0     0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79 L78X01GY 06164 06200 50 4D4
   80 L78X01GY 06200 06221 51 5D6
   81 L78X01GY 06221 06229 52 4A0
   82 L78X01GY 06229 06235 53 5D6
   83 L78X01GY 06235 06266 54 4A0
   84 L78X01GY 06266 06278 55 5D6
   85 L78X01GY 06278 06297 56 5A0
   86 L78X01GY 06297 06303 57 4A0
   87 L78X01GY 06303 06425 58 4D0
   88 L78X01GY 06425 06458 59 5A1
   89 L78X01GY 06458 06495 60 4A4
   90 L78X01GY 06495 06597 61 5B6
   91 L78X01GY 06597 06627 62 5D3
   92 L78X01GY 06627 06723 63 5B6
   93 L78X01GY 06723 06763 64 5D3
   94 L78X01GY 06763 06803 65 5B6
   95 L78X01GY 06803 06838 66 5D3
   96 L78X01GY 06838 06886 67 5B0
   97 L78X01GY 06886 06910 68 5D3
   98 L78X01GY 06910 07082 69 5A1
   99 L78X01GY 07082 07578 70 3G0
  100 L78X01GY 07578 07602 71 4L7
  101 L78X01GY 07602 07785 72 3G0
  102 L78X01GY 07785 07970 73 4L7
  103 L78X01GY 07970 08079 74 3D1
  104 L78X01GY 08079 08110 75 4L7
  105 L78X01GY 08110 08150 76 3D1
  106 L78X01GY 08150 08250 77 3G0
  107 L78X01GY 08250 08303 78 3D4
  108 L78X01GY 08303 08501 79 3G0
  109 S78X01GY       00018  F2 S
  110 S78X01GY       00088 CS2        83185
  111 S78X01GY       00098  F2 S
  112 S78X01GY       00137 CS2        69185
  113 S78X01GY       00182 CS2        71185
  114 S78X01GY       00193  F2 S
  115 S78X01GY       00204  F2 S
  116 S78X01GY       00232 CS2        80185
  117 S78X01GY       00294 CS2        73185
  118 S78X01GY       00328  F2 E
  119 S78X01GY       00338 CS2        79185
  120 S78X01GY       00375 CS2        62185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S78X01GY	00434 CS2	77185	
122	S78X01GY	00439 F2 3		
123	S78X01GY	00476 CS2	75185	
124	S78X01GY	00480 F2 E		
125	S78X01GY	00529 CS2	78185	
126	S78X01GY	00588 CS2	54185	
127	S78X01GY	00594 F2 3		
128	S78X01GY	00628 CS2	79185	
129	S78X01GY	00647 F2 E		
130	S78X01GY	00652 CS2	78185	
131	S78X01GY	00667 F2 3		
132	S78X01GY	00711 CS2	73185	
133	S78X01GY	00726 F2 E		
134	S78X01GY	00749 CS2	76185	
135	S78X01GY	00802 CS2	85185	
136	S78X01GY	00852 CS2	85185	
137	S78X01GY	00876 F2 3		
138	S78X01GY	00907 CS2	75185	
139	S78X01GY	00952 CS2	74185	
140	S78X01GY	01000 CS2	88185	
141	S78X01GY	01050 CS2	85185	
142	S78X01GY	01056 F2 E		
143	S78X01GY	01150 CS2	77185	
144	S78X01GY	01200 CS2	76185	
145	S78X01GY	01263 CS2	65185	
146	S78X01GY	01300 CS2	80185	
147	S78X01GY	01343 F2 3		
148	S78X01GY	01350 CS2	71185	
149	S78X01GY	01400 CS2	90185	
150	S78X01GY	01459 CS2	75185	
151	S78X01GY	01495 CS2	80185	
152	S78X01GY	01506 F2 E		
153	S78X01GY	01550 CS2	82185	
154	S78X01GY	01588 F2 3		
155	S78X01GY	01602 CS2	76185	
156	S78X01GY	01650 CS2	77185	
157	S78X01GY	01701 CS2	84185	
158	S78X01GY	01750 CS2	74185	
159	S78X01GY	01800 CS2	84185	
160	S78X01GY	01844 F2 E		
161	S78X01GY	01850 CS2	79185	
162	S78X01GY	01906 CS2	71185	

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S78X01GY	01951	CS2	81185	
164	S78X01GY	01985	F2 3		
165	S78X01GY	02000	CS2	64185	
166	S78X01GY	02017	F2 E		
167	S78X01GY	02053	CS2	67185	
168	S78X01GY	02100	CS2	54185	
169	S78X01GY	02151	CS2	81185	
170	S78X01GY	02181	INT	25185	
171	S78X01GY	02293	INT	52005	
172	S78X01GY	02320	CS2	71185	
173	S78X01GY	02340	F2 3		
174	S78X01GY	02390	CS2	79185	
175	S78X01GY	02435	F2 E		
176	S78X01GY	02450	CS2	80185	
177	S78X01GY	02490	F2 3		
178	S78X01GY	02504	CS2	74185	
179	S78X01GY	02548	CS2	83185	
180	S78X01GY	02601	CS2	74185	
181	S78X01GY	02645	F2 S		
182	S78X01GY	02647	PS2	65185	
183	S78X01GY	02685	F2 Z		
184	S78X01GY	02702	CS2	90185	
185	S78X01GY	02751	CS2	80185	
186	S78X01GY	02797	F2 3		
187	S78X01GY	02803	CS2	70185	
188	S78X01GY	02850	CS2	77185	
189	S78X01GY	02900	CS2	75185	
190	S78X01GY	02950	CS2	73185	
191	S78X01GY	02970	F2 S		
192	S78X01GY	03005	CS2	80185	
193	S78X01GY	03014	F2 S		
194	S78X01GY	03054	CS2	76185	
195	S78X01GY	03085	F2 E		
196	S78X01GY	03101	CS2	76185	
197	S78X01GY	03120	F2 3		
198	S78X01GY	03158	CS2	76185	
199	S78X01GY	03200	CS2	70185	
200	S78X01GY	03203	F2 E		
201	S78X01GY	03250	CS2	81185	
202	S78X01GY	03260	F2 3		
203	S78X01GY	03300	CS2	81185	
204	S78X01GY	03357	CS2	64185	

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
    1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
205  S78X01GY      03400 CS2         82185
206  S78X01GY      03450 CS2         67185
207  S78X01GY      03500 CS2         65185
208  S78X01GY      03539  F2 E
209  S78X01GY      03550 CS2         83185
210  S78X01GY      03583  F2 3
211  S78X01GY      03602 CS2         62185
212  S78X01GY      03651 CS2         74185
213  S78X01GY      03702 CS2         80185
214  S78X01GY      03750 CS2         80185
215  S78X01GY      03770  F2 E
216  S78X01GY      03801 CS2         86185
217  S78X01GY      03825  F2 3
218  S78X01GY      03850 CS2         75185
219  S78X01GY      03868  F2 S
220  S78X01GY      03880 CS2         80185
221  S78X01GY      03868  F2 Z
222  S78X01GY      03905 CS2         73185
223  S78X01GY      03954 CS2         77185
224  S78X01GY      03956  F2 3
225  S78X01GY      04008 CS2         84185
226  S78X01GY      04052 CS2         75185
227  S78X01GY      04055  F2 E
228  S78X01GY      04083 CS2         79185
229  S78X01GY      04095  F2 3
230  S78X01GY      04100 CS2         80185
231  S78X01GY      04150 CS2         80185
232  S78X01GY      04194  F2 E
233  S78X01GY      04200 CS2         74185
234  S78X01GY      04250 CS2         79185
235  S78X01GY      04270  F2 3
236  S78X01GY      04300 CS2         90185
237  S78X01GY      04327  F2 E
238  S78X01GY      04348 CS2         67185
239  S78X01GY      04370  F2 3
240  S78X01GY      04407 CS2         66185
241  S78X01GY      04454 CS2         70185
242  S78X01GY      04503 CS2         77185
243  S78X01GY      04518  F2 E
244  S78X01GY      04550 CS2         90185
245  S78X01GY      04602 CS2         83185
246  S78X01GY      04650 CS2         83185
    1.....1.....2.....3.....4.....5.....6.....7.....8
              0           0           0           0           0           0           0           0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247 S78X01GY      04700  F2 3
  248 S78X01GY      04705 CS2         82185
  249 S78X01GY      04750 CS2         70185
  250 S78X01GY      04800 CS2         87185
  251 S78X01GY      04850 CS2         78185
  252 S78X01GY      04880  F2 E
  253 S78X01GY      04892 CS2         80185
  254 S78X01GY      04911  F2 3
  255 S78X01GY      04955 CS2         73185
  256 S78X01GY      05003 CS2         78185
  257 S78X01GY      05037  F2 E
  258 S78X01GY      05050 CS2         81185
  259 S78X01GY      05090  F2 3
  260 S78X01GY      05100 CS2         72185
  261 S78X01GY      05130  F2 E
  262 S78X01GY      05150 CS2         82185
  263 S78X01GY      05174  F2 3
  264 S78X01GY      05202 CS2         90185
  265 S78X01GY      05255 CS2         83185
  266 S78X01GY      05300 CS2         82185
  267 S78X01GY      05345 CS2         74185
  268 S78X01GY      05403 CS2         85185
  269 S78X01GY      05449 CS2         83185
  270 S78X01GY      05500 CS2         79185
  271 S78X01GY      05523  F2 E
  272 S78X01GY      05556 CS2         60185
  273 S78X01GY      05602  F2 3
  274 S78X01GY      05607 CS2         80185
  275 S78X01GY      05650 CS2         80185
  276 S78X01GY      05700 CS2         89185
  277 S78X01GY      05750 CS2         79185
  278 S78X01GY      05804 CS2         75185
  279 S78X01GY      05844  F2 E
  280 S78X01GY      05850 CS2         75185
  281 S78X01GY      05900  F2 S       70185
  282 S78X01GY      05958  F2 E       85185
  283 S78X01GY      06000 CS2         85185
  284 S78X01GY      06016  F2 Z
  285 S78X01GY      06050 PS2         81185
  286 S78X01GY      06100 PS2         76185
  287 S78X01GY      06148 PS2         75185
  288 S78X01GY      06187  F2 S
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

289	S78X01GY	06203	CS2	75185
290	S78X01GY	06223	F2 E	
291	S78X01GY	06250	CS2	70185
292	S78X01GY	06300	CS2	74185
293	S78X01GY	06338	F2 3	
294	S78X01GY	06350	CS2	81185
295	S78X01GY	06397	CS2	80185
296	S78X01GY	06450	CS2	80185
297	S78X01GY	06470	F2 E	
298	S78X01GY	06522	F2 S	
299	S78X01GY	06550	CS2	68185
300	S78X01GY	06597	CS2	64185
301	S78X01GY	06607	F2 E	
302	S78X01GY	06650	CS2	77185
303	S78X01GY	06662	F2 Z	
304	S78X01GY	06701	F2 S	
305	S78X01GY	06719	CS2	72185
306	S78X01GY	06750	CS2	62185
307	S78X01GY	06800	CS2	60185
308	S78X01GY	06850	CS2	64185
309	S78X01GY	06890	F2 E	
310	S78X01GY	06900	CS2	82185
311	S78X01GY	06949	CS2	78185
312	S78X01GY	06988	F2 3	
313	S78X01GY	07000	CS2	65185
314	S78X01GY	07033	F2 E	
315	S78X01GY	07055	CS2	80185
316	S78X01GY	07087	F2 3	
317	S78X01GY	07100	CS2	87185
318	S78X01GY	07120	F2 E	
319	S78X01GY	07150	CS2	80185
320	S78X01GY	07178	F2 3	
321	S78X01GY	07200	CS2	70185
322	S78X01GY	07236	F2 S	
323	S78X01GY	07300	PS2	78185
324	S78X01GY	07355	PS2	72185
325	S78X01GY	07400	PS2	77185
326	S78X01GY	07447	PS2	52185
327	S78X01GY	07500	PS2	75185
328	S78X01GY	07656	PS2	87185
329	S78X01GY	07700	PS2	65185
330	S78X01GY	07750	PS2	64185

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
         1         2         3         4         5         6         7         8
1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
331  S78X01GY        07806 PS2       64185
332  S78X01GY        07850 PS2       75185
333  S78X01GY        07910 PS2       65185
334  S78X01GY        07953 PS2       60185
335  S78X01GY        08000 CS2       74185
336  S78X01GY        08050 CS2       74185
337  S78X01GY        08100 PS2       58185
338  S78X01GY        08150 PS2       69185
339  S78X01GY        08200 PS2       82185
340  S78X01GY        08250 PS2       69185
341  S78X01GY        08300 PS2       75185
342  S78X01GY        08350 PS2       73185
343  S78X01GY        08400 PS2       90185
344  S78X01GY        08450 PS2       84185
345  S78X01GY        08500 PS2       82185
346  P78X01GY 04751  04767 002589
347  P78X01GY 04804  04824 002590
348  P78X01GY 04824  04844 002591
349  P78X01GY 04844  04854 002592
350  P78X01GY 04854  04864 002593
351  P78X01GY 04864  04877 002594
352  P78X01GY 06164  06184 002721
353  P78X01GY 06184  06200 002722
354  P78X01GY 06200  06221 002723
355  P78X01GY 06221  06235 002724
356  P78X01GY 06235  06255 002725
357  P78X01GY 06255  06266 002726
358  P78X01GY 06297  06317 002727
359  P78X01GY 06317  06337 002728
360  P78X01GY 06337  06357 002729
361  P78X01GY 06357  06377 002730
362  P78X01GY 06377  06397 002731
363  P78X01GY 06397  06407 002732
364  P78X01GY 06407  06425 002733
365  P78X01GY 06425  06445 002734
366  P78X01GY 06478  06495 002736
367  P78X01GY 06478  06495 002736
368  P78X01GY 06458  06478 002735
369  A78X01GY 475.1  476.7  1.6  2589 18.6 0.84 0.28        0.27
370  A78X01GY 480.4  482.4  2.0  2590 35.3 2.13 2.29        0.29
371  A78X01GY 482.4  484.4  2.0  2591 27.2 1.87 2.40        0.15
372  A78X01GY 484.4  485.4  1.0  2592 28.9 2.04 1.99        0.18
         1         2         3         4         5         6         7         8
                   0         0         0         0         0         0         0
```

****
* DDH: 78X01GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
    1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
373 A78X01GY 485.4 486.4  1.0  2593  7.1 0.37 0.40        0.09
374 A78X01GY 486.4 487.7  1.3  2594 19.6 0.73 0.48        0.13
375 A78X01GY 616.4 618.4  2.0  2721 74.1 3.74 7.24 1098   0.05
376 A78X01GY 618.4 620.0  1.6  2722 37.9 2.05 3.89 5.94   0.03
377 A78X01GY 620.0 622.1  2.1  2723  5.7 0.26 0.38        0.01
378 A78X01GY 622.1 623.5  1.4  2724 10.3 0.47 1.00        0.02
379 A78X01GY 623.5 625.5  2.0  2725 27.8 1.26 2.00        0.05
380 A78X01GY 625.5 626.6  1.1  2726 26.5 1.22 1.74        0.04
381 A78X01GY 629.7 631.7  2.0  2727 17.1 0.75 1.94        0.06
382 A78X01GY 631.7 633.7  2.0  2728 36.4 2.24 2.69        0.03
383 A78X01GY 633.7 635.7  2.0  2729 54.2 3.83 6.66 1049   0.04
384 A78X01GY 635.7 637.7  2.0  2730 42.3 2.65 6.28 8.93   0.03
385 A78X01GY 637.7 639.7  2.0  2731 54.5 2.78 5.83 8.61   0.05
386 A78X01GY 639.7 640.7  2.0  2732 14.2 0.92 2.17        0.04
387 A78X01GY 640.7 642.5  1.8  2733 61.8 3.52 4.47 7.99   0.04
388 A78X01GY 642.5 645.5  2.0  2734  5.9 0.54 1.26  .     0.01
389 A78X01GY 645.8 647.8  2.0  2735 63.6 3.87 7.34 1121   0.13
390 A78X01GY 647.8 649.5  1.7  2736 53.1 3.65 5.90 9.55   0.02
    1.....1.....2.....3.....4.....5.....6.....7.....8
          0         0         0         0         0         0         0         0
```

DDH: 78X01GY -- SUMMARY OF DATA INPUT

RECORDS READ = 390   RELEASED TO SORT 476
TYPE-L =   79
TYPE-P =   23
TYPE-R =   28
TYPE-S = 237
TYPE-X =   42
TYPE-A =   44
TYPE-V =   22   (GENERATED TO DEPTH: 840.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) =   850.1 METERS

****
* DDH: 78X01GY *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 319309.0 NORTH: 22648675.0
ELEV: 1127.8

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.80	
	AZIMUTH:	0.	-	314.30	
BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.80	-	178.10	
	AZIMUTH:	314.30	-	165.70	

HOLE ASSUMED VERTICAL AT DEPTH 33.51

BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	178.10	-	177.90	
	AZIMUTH:	165.70	-	189.10	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	177.90	-	177.00	
	AZIMUTH:	189.10	-	204.20	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	177.00	-	175.60	
	AZIMUTH:	204.20	-	215.00	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	175.60	-	176.10	
	AZIMUTH:	215.00	-	237.20	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	176.10	-	176.20	
	AZIMUTH:	237.20	-	244.20	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	176.20	-	175.20	
	AZIMUTH:	244.20	-	249.40	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	175.20	-	174.90	
	AZIMUTH:	249.40	-	277.20	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	174.90	-	172.30	
	AZIMUTH:	277.20	-	287.60	

BOREHOLE SECTION 11	--	DEPTH:	304.80	- 335.30	METERS
		ZENITH ANG:	172.30	- 170.30	
		AZIMUTH:	287.60	- 293.00	
BOREHOLE SECTION 12	--	DEPTH:	335.30	- 365.80	METERS
		ZENITH ANG:	170.30	- 168.50	
		AZIMUTH:	293.00	- 300.20	
BOREHOLE SECTION 13	--	DEPTH:	365.80	- 396.20	METERS
		ZENITH ANG:	168.50	- 166.50	
		AZIMUTH:	300.20	- 304.70	
BOREHOLE SECTION 14	--	DEPTH:	396.20	- 426.70	METERS
		ZENITH ANG:	166.50	- 166.00	
		AZIMUTH:	304.70	- 305.00	
BOREHOLE SECTION 15	--	DEPTH:	426.70	- 457.20	METERS
		ZENITH ANG:	166.00	- 164.20	
		AZIMUTH:	305.00	- 306.00	
BOREHOLE SECTION 16	--	DEPTH:	457.20	- 487.70	METERS
		ZENITH ANG:	164.20	- 163.70	
		AZIMUTH:	306.00	- 306.80	
BOREHOLE SECTION 17	--	DEPTH:	487.70	- 518.20	METERS
		ZENITH ANG:	163.70	- 163.20	
		AZIMUTH:	306.80	- 310.00	
BOREHOLE SECTION 18	--	DEPTH:	518.20	- 548.60	METERS
		ZENITH ANG:	163.20	- 164.30	
		AZIMUTH:	310.00	- 319.00	
BOREHOLE SECTION 19	--	DEPTH:	548.60	- 579.10	METERS
		ZENITH ANG:	164.30	- 166.00	
		AZIMUTH:	319.00	- 324.50	
BOREHOLE SECTION 20	--	DEPTH:	579.10	- 609.60	METERS
		ZENITH ANG:	166.00	- 168.00	
		AZIMUTH:	324.50	- 329.70	
BOREHOLE SECTION 21	--	DEPTH:	609.60	- 640.10	METERS
		ZENITH ANG:	168.00	- 167.00	
		AZIMUTH:	329.70	- 331.70	
BOREHOLE SECTION 22	--	DEPTH:	640.10	- 670.60	METERS
		ZENITH ANG:	167.00	- 166.80	
		AZIMUTH:	331.70	- 334.60	
BOREHOLE SECTION 23	--	DEPTH:	670.60	- 701.00	METERS
		ZENITH ANG:	166.80	- 165.80	
		AZIMUTH:	334.60	- 336.90	
BOREHOLE SECTION 24	--	DEPTH:	701.00	- 731.50	METERS
		ZENITH ANG:	165.80	- 167.30	

		AZIMUTH:	336.90 -	332.80	
BOREHOLE SECTION 25	--	DEPTH:	731.50 -	762.00	METERS
		ZENITH ANG:	167.30 -	167.40	
		AZIMUTH:	332.80 -	328.50	
BOREHOLE SECTION 26	--	DEPTH:	762.00 -	792.50	METERS
		ZENITH ANG:	167.40 -	162.00	
		AZIMUTH:	328.50 -	313.70	
BOREHOLE SECTION 27	--	DEPTH:	792.50 -	823.00	METERS
		ZENITH ANG:	162.00 -	164.20	
		AZIMUTH:	313.70 -	314.70	
BOREHOLE SECTION 28	--	DEPTH:	823.00 -	850.10	METERS
		ZENITH ANG:	164.20 -	164.20	
		AZIMUTH:	314.70 -	314.70	

FINISHED -- BOREHOLE LENGTH = 850.10 METERS
FILE SIZE = 477

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R								0.	0.	0.	180.0	0.
1.8	L	01 #							1.8	-.0	.0	180.0	357.3
1.8	S				F2	S			1.8	-.0	.0	180.0	357.3
8.8	S				CS2			83. 185.	8.8	-.0	.0	179.9	346.8
9.8	S				F2	S			9.8	-.0	.0	179.9	345.3
13.7	S				CS2			69. 185.	13.7	-.0	.0	179.9	339.5
18.2	S				CS2			71. 185.	18.2	-.0	.0	179.9	332.7
19.3	S				F2	S			19.3	-.0	.0	179.9	331.1
20.4	S				F2	S			20.4	-.0	.0	179.9	329.4
23.2	S				CS2			80. 185.	23.2	-.0	.0	179.8	325.2
29.4	S				CS2			73. 185.	29.4	-.0	.0	179.8	315.9
30.5	R								30.5	-.0	.0	179.8	314.3
32.8	S				F2	E			32.8	-.0	.0	179.7	303.1
33.8	S				CS2			79. 185.	33.8	-.0	.0	179.6	298.2
37.5	S				CS2			62. 185.	37.5	-.0	.0	179.4	280.2
43.4	S				CS2			77. 185.	43.4	.0	.0	179.1	251.4
43.9	L	02 5B1							43.9	.0	-.0	179.1	249.0
43.9	S				F2	3			43.9	.0	-.0	179.1	249.0
47.6	S				CS2			75. 185.	47.6	.0	-.0	178.8	231.0
48.0	S				F2	E			48.0	.0	-.1	178.8	229.0
52.9	S				CS2			78. 185.	52.9	.1	-.1	178.6	205.2
53.0	L	03 5B0							53.0	.1	-.1	178.5	204.7
54.8	L	04 0Q0							54.8	.1	-.2	178.4	195.9
58.8	S				CS2			54. 185.	58.8	.1	-.3	178.2	176.4
59.4	S				F2	3			59.4	.1	-.3	178.2	173.5
61.0	R								61.0	.1	-.3	178.1	165.7
62.8	S				CS2			79. 185.	62.8	.2	-.4	178.1	167.1
64.7	S				F2	E			64.7	.2	-.5	178.1	168.5
65.2	S				CS2			78. 185.	65.2	.2	-.5	178.1	168.9
66.7	S				F2	3			66.7	.2	-.5	178.1	170.1
71.1	S				CS2			73. 185.	71.1	.2	-.7	178.0	173.5
72.6	S				F2	E			72.6	.2	-.7	178.0	174.6
74.9	S				CS2			76. 185.	74.9	.2	-.8	178.0	176.4
80.2	S				CS2			85. 185.	80.2	.2	-1.0	178.0	180.5
85.2	S				CS2			85. 185.	85.2	.2	-1.2	177.9	184.3
87.6	S				F2	3			87.6	.2	-1.3	177.9	186.2

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
90.7	S				CS2				75.	185.	90.7	.2	-1.4	177.9	188.6
91.4	R										91.4	.2	-1.4	177.9	189.1
95.2	S				CS2				74.	185.	95.2	.2	-1.5	177.8	191.0
97.2	L	05 5B0									97.2	.1	-1.6	177.7	192.0
100.0	S				CS2				88.	185.	100.0	.1	-1.7	177.6	193.4
105.0	S				CS2				85.	185.	105.0	.1	-1.9	177.5	195.8
105.6	S				F2	E					105.6	.1	-2.0	177.5	196.1
115.0	S				CS2				77.	185.	115.0	-.1	-2.4	177.2	200.8
120.0	S				CS2				76.	185.	119.9	-.2	-2.6	177.1	203.3
121.9	R										121.8	-.2	-2.7	177.0	204.2
126.3	S				CS2				65.	185.	126.2	-.3	-2.9	176.8	205.8
126.9	L	06 5B6									126.8	-.3	-2.9	176.8	206.0
130.0	S				CS2				80.	185.	129.9	-.4	-3.1	176.6	207.1
134.3	S				F2	3					134.2	-.5	-3.3	176.4	208.6
135.0	S				CS2				71.	185.	134.9	-.5	-3.4	176.4	208.8
140.0	S				CS2				90.	185.	139.9	-.7	-3.7	176.2	210.6
145.9	S				CS2				75.	185.	145.8	-.9	-4.0	175.9	212.7
149.5	S				CS2				80.	185.	149.4	-1.1	-4.2	175.7	214.0
150.6	S				F2	E					150.5	-1.1	-4.3	175.7	214.4
152.4	R										152.3	-1.2	-4.4	175.6	215.0
155.0	S				CS2				82.	185.	154.9	-1.3	-4.6	175.6	216.9
158.8	S				F2	3					158.7	-1.5	-4.8	175.7	219.7
160.2	S				CS2				76.	185.	160.1	-1.6	-4.9	175.7	220.7
162.6	L	07 5B0									162.5	-1.7	-5.0	175.8	222.4
165.0	S				CS2				77.	185.	164.8	-1.8	-5.1	175.8	224.2
170.1	S				CS2				84.	185.	169.9	-2.1	-5.4	175.9	227.9
173.7	L	08 5B6									173.5	-2.2	-5.5	175.9	230.5
175.0	S				CS2				74.	185.	174.8	-2.3	-5.6	176.0	231.4
180.0	S				CS2				84.	185.	179.8	-2.6	-5.8	176.1	235.1
182.9	R										182.7	-2.8	-5.9	176.1	237.2
184.4	S				F2	E					184.2	-2.9	-6.0	176.1	237.5
185.0	S				CS2				79.	185.	184.8	-2.9	-6.0	176.1	237.7
186.0	L	09 5B0									185.8	-2.9	-6.0	176.1	237.9
190.6	S				CS2				71.	185.	190.4	-3.2	-6.2	176.1	239.0

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

				-------- STRUCTURAL LOG --------							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
195.1	S			CS2			81. 185.	194.9	-3.5	-6.4	176.1	240.0
198.5	S			F2	3			198.3	-3.7	-6.5	176.2	240.8
200.0	S			CS2			64. 185.	199.8	-3.8	-6.5	176.2	241.1
201.7	S			F2	E			201.5	-3.9	-6.6	176.2	241.5
205.3	S			CS2			67. 185.	205.1	-4.1	-6.7	176.2	242.3
210.0	S			CS2			54. 185.	209.7	-4.3	-6.8	176.2	243.4
213.4	R							213.1	-4.5	-6.9	176.2	244.2
215.1	S			CS2			81. 185.	214.8	-4.7	-7.0	176.1	244.5
218.1	L	10 5B6						217.8	-4.8	-7.1	176.0	245.0
218.1	S			INT			25. 185.	217.8	-4.8	-7.1	176.0	245.0
229.3	L	11 0C6						229.0	-5.6	-7.4	175.7	246.9
229.3	S			INT			52. 5.	229.0	-5.6	-7.4	175.7	246.9
232.0	S			CS2			71. 185.	231.7	-5.8	-7.5	175.6	247.4
232.7	L	12 5B7						232.4	-5.8	-7.5	175.6	247.5
234.0	S			F2	3			233.7	-5.9	-7.5	175.5	247.7
239.0	S			CS2			79. 185.	238.7	-6.3	-7.7	175.4	248.6
243.5	S			F2	E			243.1	-6.6	-7.8	175.2	249.3
243.8	R							243.4	-6.6	-7.8	175.2	249.4
245.0	S			CS2			80. 185.	244.6	-6.7	-7.9	175.2	250.5
249.0	S			F2	3			248.6	-7.1	-8.0	175.1	254.1
250.4	S			CS2			74. 185.	250.0	-7.2	-8.0	175.1	255.4
254.8	S			CS2			83. 185.	254.4	-7.5	-8.1	175.1	259.4
260.1	S			CS2			74. 185.	259.7	-8.0	-8.1	175.0	264.3
264.5	S			F2	S			264.1	-8.4	-8.2	175.0	268.3
264.7	S			PS2			65. 185.	264.3	-8.4	-8.2	175.0	268.4
268.5	S			F2	Z			268.1	-8.7	-8.2	175.0	271.9
270.2	S			CS2			90. 185.	269.7	-8.9	-8.2	174.9	273.5
274.3	R							273.8	-9.2	-8.1	174.9	277.2
275.1	S			CS2			80. 185.	274.6	-9.3	-8.1	174.8	277.5
279.7	S			F2	3			279.2	-9.7	-8.0	174.4	279.0
280.3	S			CS2			70. 185.	279.8	-9.8	-8.0	174.4	279.2
282.3	L	13 5B6						281.8	-10.0	-8.0	174.2	279.9
283.6	L	14 5D6						283.1	-10.1	-8.0	174.1	280.4
285.0	L	15 5B6						284.5	-10.3	-8.0	174.0	280.8
285.0	S			CS2			77. 185.	284.5	-10.3	-8.0	174.0	280.8
290.0	S			CS2			75. 185.	289.5	-10.8	-7.8	173.6	282.6

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

				-------- STRUCTURAL LOG --------							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
295.0	S			CS2			73. 185.	294.4	-11.4	-7.7	173.1	284.3
297.0	S			F2	S			296.4	-11.6	-7.6	173.0	284.9
300.5	S			CS2			80. 185.	299.9	-12.0	-7.5	172.7	286.1
301.4	S			F2	S			300.8	-12.1	-7.5	172.6	286.4
304.8	R							304.1	-12.5	-7.4	172.3	287.6
305.4	S			CS2			76. 185.	304.7	-12.6	-7.3	172.3	287.7
308.5	S			F2	E			307.8	-13.0	-7.2	172.1	288.3
310.1	S			CS2			76. 185.	309.4	-13.2	-7.1	172.0	288.5
312.0	S			F2	3			311.3	-13.5	-7.1	171.8	288.9
315.8	S			CS2			76. 185.	315.0	-14.0	-6.9	171.6	289.5
320.0	S			CS2			70. 185.	319.2	-14.6	-6.7	171.3	290.3
320.3	S			F2	E			319.5	-14.6	-6.6	171.3	290.3
325.0	S			CS2			81. 185.	324.1	-15.3	-6.4	171.0	291.2
326.0	S			F2	3			325.1	-15.5	-6.3	170.9	291.4
330.0	S			CS2			81. 185.	329.1	-16.1	-6.1	170.6	292.1
335.3	R							334.3	-16.9	-5.8	170.3	293.0
335.7	S			CS2			64. 185.	334.7	-16.9	-5.7	170.3	293.1
340.0	S			CS2			82. 185.	338.9	-17.6	-5.4	170.0	294.1
345.0	S			CS2			67. 185.	343.8	-18.4	-5.1	169.7	295.3
347.1	L	16 5B7						345.9	-18.7	-4.9	169.6	295.8
350.0	S			CS2			65. 185.	348.8	-19.2	-4.7	169.4	296.5
350.5	L	17 5B6						349.3	-19.3	-4.6	169.4	296.6
353.0	L	18 5D3						351.7	-19.7	-4.4	169.3	297.2
353.9	S			F2	E			352.6	-19.9	-4.4	169.2	297.4
355.0	S			CS2			83. 185.	353.7	-20.0	-4.3	169.1	297.7
358.3	S			F2	3			356.9	-20.6	-4.0	168.9	298.4
360.2	S			CS2			62. 185.	358.8	-20.9	-3.8	168.8	298.9
365.1	S			CS2			74. 185.	363.6	-21.8	-3.3	168.5	300.0
365.8	R							364.3	-21.9	-3.2	168.5	300.2
370.2	S			CS2			80. 185.	368.6	-22.6	-2.8	168.2	300.9
372.7	L	19 5B0						371.0	-23.1	-2.5	168.0	301.2
373.5	L	20 5D3						371.8	-23.2	-2.4	168.0	301.3
375.0	S			CS2			80. 185.	373.3	-23.5	-2.3	167.9	301.6
376.4	L	21 5B0						374.6	-23.7	-2.1	167.8	301.8
377.0	S			F2	E			375.2	-23.8	-2.1	167.8	301.9
377.8	L	22 5D3						376.0	-24.0	-2.0	167.7	302.0

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* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
380.1	S			CS2			86. 185.	378.3	-24.4	-1.7	167.6	302.3
382.5	S			F2	3			380.6	-24.8	-1.4	167.4	302.7
385.0	S			CS2			75. 185.	383.0	-25.3	-1.1	167.2	303.0
386.8	S			F2	S			384.8	-25.6	-.9	167.1	303.3
386.8	S			F2	Z			384.8	-25.6	-.9	167.1	303.3
388.0	S			CS2			80. 185.	386.0	-25.9	-.8	167.0	303.5
390.5	S			CS2			73. 185.	388.4	-26.3	-.4	166.9	303.9
392.6	L	23 5B0						390.4	-26.7	-.2	166.7	304.2
395.0	L	24 5D3						392.8	-27.2	.1	166.6	304.5
395.4	S			CS2			77. 185.	393.2	-27.3	.2	166.6	304.6
395.6	S			F2	3			393.4	-27.3	.2	166.5	304.6
396.2	R							393.9	-27.4	.3	166.5	304.7
398.7	L	25 5B0						396.4	-27.9	.6	166.5	304.7
400.8	S			CS2			84. 185.	398.4	-28.3	.9	166.4	304.7
402.6	L	26 5D3						400.2	-28.7	1.1	166.4	304.8
405.2	S			CS2			75. 185.	402.7	-29.2	1.5	166.4	304.8
405.5	S			F2	E			403.0	-29.2	1.5	166.3	304.8
406.7	L	27 5B0						404.2	-29.4	1.7	166.3	304.8
408.3	S			CS2			79. 185.	405.7	-29.8	1.9	166.3	304.8
409.5	S			F2	3			406.9	-30.0	2.1	166.3	304.8
410.0	S			CS2			80. 185.	407.4	-30.1	2.1	166.3	304.8
415.0	S			CS2			80. 185.	412.2	-31.1	2.8	166.2	304.9
419.4	S			F2	E			416.5	-31.9	3.4	166.1	304.9
420.0	S			CS2			74. 185.	417.1	-32.0	3.5	166.1	304.9
422.7	L	28 5D3						419.7	-32.6	3.9	166.1	305.0
425.0	S			CS2			79. 185.	421.9	-33.0	4.2	166.0	305.0
426.7	R							423.6	-33.4	4.4	166.0	305.0
427.0	S			F2	3			423.9	-33.4	4.5	166.0	305.0
430.0	S			CS2			90. 185.	426.8	-34.0	4.9	165.8	305.1
432.7	S			F2	E			429.4	-34.6	5.3	165.6	305.2
434.8	S			CS2			67. 185.	431.4	-35.0	5.6	165.5	305.3
437.0	S			F2	3			433.6	-35.5	5.9	165.4	305.3
440.7	S			CS2			66. 185.	437.1	-36.2	6.4	165.2	305.5
445.4	S			CS2			70. 185.	441.7	-37.2	7.2	164.9	305.6
450.3	S			CS2			77. 185.	446.4	-38.3	7.9	164.6	305.8
451.8	S			F2	E			447.8	-38.6	8.1	164.5	305.8
455.0	S			CS2			90. 185.	450.9	-39.3	8.6	164.3	305.9
457.0	L	29 5B7						452.9	-39.7	9.0	164.2	306.0

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* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
457.2	R										453.0	-39.8	9.0	164.2	306.0
459.7	L	30 5D3									455.4	-40.3	9.4	164.2	306.1
460.2	S				CS2				83.	185.	455.9	-40.4	9.5	164.2	306.1
465.0	S				CS2				83.	185.	460.5	-41.5	10.2	164.1	306.2
469.2	L	31 5B7									464.6	-42.4	10.9	164.0	306.3
470.0	S				F2	3					465.4	-42.6	11.1	164.0	306.3
470.5	S				CS2				82.	185.	465.8	-42.7	11.1	164.0	306.3
471.0	L	32 5A3									466.3	-42.8	11.2	164.0	306.4
475.0	S				CS2				70.	185.	470.2	-43.7	11.9	163.9	306.5
475.1	L	33 5D6									470.3	-43.7	11.9	163.9	306.5
475.9	P		2589	2.							471.0	-43.9	12.0	163.9	306.5
476.7	L	34 4E1									471.8	-44.1	12.2	163.9	306.5
480.0	S				CS2				87.	185.	475.0	-44.8	12.7	163.8	306.6
480.4	L	35 5B0									475.3	-44.9	12.8	163.8	306.6
481.4	P		2590	2.							476.3	-45.1	12.9	163.8	306.6
483.4	P		2591	2.							478.2	-45.6	13.3	163.8	306.7
484.9	P		2592	1.							479.7	-45.9	13.5	163.7	306.7
485.0	S				CS2				78.	185.	479.8	-45.9	13.5	163.7	306.7
485.4	L	36 4D0									480.1	-46.0	13.6	163.7	306.7
485.9	P		2593	1.							480.6	-46.1	13.7	163.7	306.8
487.1	P		2594	1.							481.7	-46.4	13.9	163.7	306.8
487.7	L	37 4L0									482.4	-46.5	14.0	163.7	306.8
487.7	R										482.4	-46.5	14.0	163.7	306.8
488.0	S				F2	E					482.6	-46.6	14.0	163.7	306.8
489.2	S				CS2				80.	185.	483.8	-46.9	14.2	163.7	307.0
491.1	S				F2	3					485.6	-47.3	14.6	163.6	307.2
495.5	S				CS2				73.	185.	489.8	-48.3	15.3	163.6	307.6
499.7	L	38 5B7									493.9	-49.2	16.1	163.5	308.1
500.3	S				CS2				78.	185.	494.4	-49.4	16.2	163.5	308.1
502.5	L	39 5D3									496.6	-49.9	16.5	163.5	308.4
503.7	S				F2	E					497.7	-50.1	16.8	163.4	308.5
505.0	S				CS2				81.	185.	498.9	-50.4	17.0	163.4	308.6
509.0	S				F2	3					502.8	-51.3	17.7	163.4	309.0
510.0	S				CS2				72.	185.	503.7	-51.5	17.9	163.3	309.1
513.0	S				F2	E					506.6	-52.2	18.4	163.3	309.5
515.0	S				CS2				82.	185.	508.5	-52.6	18.8	163.3	309.7
517.4	S				F2	3					510.8	-53.2	19.2	163.2	309.9

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* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

				-------- STRUCTURAL LOG --------							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
518.2	R							511.6	-53.3	19.4	163.2	310.0
520.2	S			CS2			90. 185.	513.5	-53.8	19.8	163.3	310.6
525.5	S			CS2			83. 185.	518.6	-54.9	20.8	163.5	312.2
530.0	S			CS2			82. 185.	522.9	-55.9	21.6	163.6	313.5
534.1	L	40 SD3						526.8	-56.7	22.4	163.8	314.7
534.5	S			CS2			74. 185.	527.2	-56.8	22.5	163.8	314.8
538.4	L	41 SD3						531.0	-57.5	23.3	163.9	316.0
540.3	S			CS2			85. 185.	532.8	-57.9	23.7	164.0	316.5
544.9	S			CS2			83. 185.	537.2	-58.7	24.6	164.2	317.9
545.8	L	42 SD3						538.1	-58.9	24.8	164.2	318.2
548.6	R							540.8	-59.4	25.3	164.3	319.0
550.0	S			CS2			79. 185.	542.1	-59.7	25.6	164.4	319.3
552.3	S			F2	E			544.3	-60.1	26.1	164.5	319.7
555.6	S			CS2			60. 185.	547.5	-60.6	26.8	164.7	320.3
560.2	S			F2	3			552.0	-61.4	27.7	164.9	321.1
560.7	S			CS2			80. 185.	552.4	-61.5	27.8	165.0	321.2
560.9	L	43 SB0						552.6	-61.5	27.8	165.0	321.2
564.6	L	44 SD3						556.2	-62.1	28.6	165.2	321.9
565.0	S			CS2			80. 185.	556.6	-62.2	28.7	165.2	322.0
570.0	S			CS2			89. 185.	561.4	-62.9	29.7	165.5	322.9
572.0	L	45 SD3						563.4	-63.2	30.1	165.6	323.2
575.0	S			CS2			79. 185.	566.3	-63.7	30.7	165.8	323.8
579.1	R							570.3	-64.3	31.5	166.0	324.5
580.4	S			CS2			75. 185.	571.5	-64.4	31.7	166.1	324.7
582.2	L	46 SD3						573.3	-64.7	32.1	166.2	325.0
584.4	S			F2	E			575.4	-65.0	32.5	166.3	325.4
585.0	S			CS2			75. 185.	576.0	-65.1	32.6	166.4	325.5
590.0	S			F2	S	70. 185.		580.8	-65.7	33.6	166.7	326.4
595.8	S			F2	E	85. 185.		586.5	-66.4	34.7	167.1	327.3
598.2	L	47 SD3						588.8	-66.7	35.1	167.3	327.8
600.0	S			CS2			85. 185.	590.6	-66.9	35.5	167.4	328.1
601.6	S			F2	Z			592.2	-67.1	35.8	167.5	328.3
605.0	S			PS2			81. 185.	595.5	-67.5	36.4	167.7	328.9
608.8	L	48 SD3						599.2	-67.9	37.1	167.9	329.6

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* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
609.6	R										600.0	-68.0	37.2	168.0	329.7
610.0	S				PS2				76.	185.	600.4	-68.0	37.3	168.0	329.7
614.8	S				PS2				75.	185.	605.1	-68.5	38.2	167.8	330.0
616.4	L	49 5B2									606.6	-68.7	38.5	167.8	330.1
617.4	P		2721	2.							607.6	-68.8	38.6	167.7	330.2
618.7	S				F2	S					608.9	-68.9	38.9	167.7	330.3
619.2	P		2722	2.							609.4	-69.0	39.0	167.7	330.3
620.0	L	50 4D4									610.1	-69.1	39.1	167.7	330.4
620.3	S				CS2				75.	185.	610.4	-69.1	39.2	167.6	330.4
621.1	P		2723	2.							611.2	-69.2	39.3	167.6	330.5
622.1	L	51 5D6									612.2	-69.3	39.5	167.6	330.5
622.3	S				F2	E					612.4	-69.3	39.6	167.6	330.5
622.8	P		2724	1.							612.9	-69.4	39.7	167.6	330.6
622.9	L	52 4A0									613.0	-69.4	39.7	167.6	330.6
623.5	L	53 5D6									613.6	-69.5	39.8	167.5	330.6
624.5	P		2725	2.							614.5	-69.6	40.0	167.5	330.7
625.0	S				CS2				70.	185.	615.0	-69.6	40.1	167.5	330.7
626.1	P		2726	1.							616.0	-69.7	40.3	167.5	330.8
626.6	L	54 4A0									616.6	-69.8	40.4	167.4	330.8
627.8	L	55 5D6									617.8	-69.9	40.6	167.4	330.9
629.7	L	56 5A0									619.6	-70.1	41.0	167.3	331.0
630.0	S				CS2				74.	185.	619.9	-70.1	41.0	167.3	331.0
630.3	L	57 4A0									620.2	-70.2	41.1	167.3	331.1
630.7	P		2727	2.							620.6	-70.2	41.2	167.3	331.1
632.7	P		2728	2.							622.5	-70.4	41.5	167.2	331.2
633.8	S				F2	3					623.6	-70.5	41.7	167.2	331.3
634.7	P		2729	2.							624.5	-70.6	41.9	167.2	331.3
635.0	S				CS2				81.	185.	624.8	-70.7	42.0	167.2	331.4
636.7	P		2730	2.							626.4	-70.9	42.3	167.1	331.5
638.7	P		2731	2.							628.4	-71.1	42.7	167.0	331.6
639.7	S				CS2				80.	185.	629.4	-71.2	42.9	167.0	331.7
640.1	R										629.7	-71.2	43.0	167.0	331.7
640.2	P		2732	1.							629.8	-71.2	43.0	167.0	331.7
641.6	P		2733	2.							631.2	-71.4	43.3	167.0	331.8
642.5	L	58 4D0									632.1	-71.5	43.5	167.0	331.9
643.5	P		2734	2.							633.1	-71.6	43.7	167.0	332.0
645.0	S				CS2				80.	185.	634.5	-71.7	44.0	167.0	332.2
645.8	L	59 5A1									635.3	-71.8	44.1	167.0	332.2

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* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
646.8	P		2735	2.							636.3	-71.9	44.3	167.0	332.3
647.0	S				F2	E					636.5	-71.9	44.4	167.0	332.4
648.6	P		2736	2.							638.1	-72.1	44.7	166.9	332.5
648.6	P		2736	2.							638.1	-72.1	44.7	166.9	332.5
649.5	L	60 4A4									638.9	-72.2	44.9	166.9	332.6
652.2	S				F2	S					641.5	-72.5	45.4	166.9	332.9
655.0	S				CS2				68.	185.	644.3	-72.8	46.0	166.9	333.1
659.7	L	61 5B6									648.8	-73.3	46.9	166.9	333.6
659.7	S				CS2				64.	185.	648.8	-73.3	46.9	166.9	333.6
660.7	S				F2	E					649.8	-73.4	47.1	166.9	333.7
662.7	L	62 5D3									651.8	-73.6	47.5	166.9	333.8
665.0	S				CS2				77.	185.	654.0	-73.8	48.0	166.8	334.1
666.2	S				F2	Z					655.2	-73.9	48.2	166.8	334.2
670.1	S				F2	S					659.0	-74.3	49.0	166.8	334.6
670.6	R										659.5	-74.3	49.2	166.8	334.6
671.9	S				CS2				72.	185.	660.7	-74.5	49.4	166.8	334.7
672.3	L	63 5B6									661.1	-74.5	49.5	166.7	334.7
675.0	S				CS2				62.	185.	663.7	-74.8	50.1	166.7	334.9
676.3	L	64 5D3									665.0	-74.9	50.3	166.6	335.0
680.0	S				CS2				60.	185.	668.6	-75.3	51.1	166.5	335.3
680.3	L	65 5B6									668.9	-75.3	51.2	166.5	335.3
683.8	L	66 5D3									672.3	-75.6	51.9	166.4	335.6
685.0	S				CS2				64.	185.	673.5	-75.7	52.2	166.3	335.7
688.6	L	67 5B0									677.0	-76.1	53.0	166.2	336.0
689.0	S				F2	E					677.3	-76.1	53.1	166.2	336.0
690.0	S				CS2				82.	185.	678.3	-76.2	53.3	166.2	336.1
691.0	L	68 5D3									679.3	-76.3	53.5	166.1	336.1
694.9	S				CS2				78.	185.	683.1	-76.7	54.4	166.0	336.4
698.8	S				F2	3					686.9	-77.1	55.2	165.9	336.7
700.0	S				CS2				65.	185.	688.0	-77.2	55.5	165.8	336.8
701.0	R										689.0	-77.3	55.7	165.8	336.9
703.3	S				F2	E					691.2	-77.5	56.2	165.9	336.6
705.5	S				CS2				80.	185.	693.4	-77.7	56.7	166.0	336.3
708.2	L	69 5A1									696.0	-78.0	57.3	166.2	335.9
708.7	S				F2	3					696.5	-78.0	57.4	166.2	335.9
710.0	S				CS2				87.	185.	697.7	-78.2	57.7	166.2	335.7
712.0	S				F2	E					699.7	-78.4	58.1	166.3	335.4
715.0	S				CS2				80.	185.	702.6	-78.7	58.8	166.5	335.0

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

				-------- STRUCTURAL LOG --------							
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
717.8	S			F2	3			705.3	-78.9	59.4	166.6	334.6
720.0	S			CS2			70. 185.	707.4	-79.2	59.8	166.7	334.3
723.6	S			F2	S			711.0	-79.5	60.6	166.9	333.9
730.0	S			PS2			78. 185.	717.2	-80.2	61.8	167.2	333.0
731.5	R							718.7	-80.3	62.1	167.3	332.8
735.5	S			PS2			72. 185.	722.6	-80.7	62.9	167.3	332.2
740.0	S			PS2			77. 185.	726.9	-81.2	63.8	167.3	331.6
744.7	S			PS2			52. 185.	731.5	-81.7	64.7	167.3	330.9
750.0	S			PS2			75. 185.	736.7	-82.2	65.7	167.4	330.2
757.8	L	70 3G0						744.3	-83.1	67.2	167.4	329.1
760.2	L	71 4L7						746.7	-83.4	67.6	167.4	328.8
762.0	R							748.4	-83.6	68.0	167.4	328.5
765.6	S			PS2			87. 185.	751.9	-84.0	68.6	166.8	326.8
770.0	S			PS2			65. 185.	756.2	-84.6	69.5	166.0	324.6
775.0	S			PS2			64. 185.	761.0	-85.3	70.5	165.1	322.2
778.5	L	72 3G0						764.4	-85.9	71.2	164.5	320.5
780.6	S			PS2			64. 185.	766.4	-86.3	71.7	164.1	319.5
785.0	S			PS2			75. 185.	770.7	-87.1	72.6	163.3	317.3
791.0	S			PS2			65. 185.	776.4	-88.3	73.8	162.3	314.4
792.5	R							777.8	-88.7	74.2	162.0	313.7
795.3	S			PS2			60. 185.	780.5	-89.3	74.8	162.2	313.8
797.0	L	73 4L7						782.1	-89.7	75.1	162.3	313.8
800.0	S			CS2			74. 185.	785.0	-90.3	75.7	162.5	313.9
805.0	S			CS2			74. 185.	789.7	-91.4	76.8	162.9	314.1
807.9	L	74 3D1						792.5	-92.0	77.4	163.1	314.2
810.0	S			PS2			58. 185.	794.5	-92.4	77.8	163.3	314.3
811.0	L	75 4L7						795.5	-92.6	78.0	163.3	314.3
815.0	L	76 3D1						799.3	-93.4	78.8	163.6	314.4
815.0	S			PS2			69. 185.	799.3	-93.4	78.8	163.6	314.4
820.0	S			PS2			82. 185.	804.1	-94.4	79.8	164.0	314.6

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
823.0	R										807.0	-95.0	80.3	164.2	314.7
825.0	L	77 3G0									808.9	-95.4	80.7	164.2	314.7
825.0	S				PS2				69.	185.	808.9	-95.4	80.7	164.2	314.7
830.0	S				PS2				75.	185.	813.7	-96.4	81.7	164.2	314.7
830.3	L	78 3D4									814.0	-96.4	81.7	164.2	314.7
835.0	S				PS2				73.	185.	818.5	-97.3	82.6	164.2	314.7
840.0	S				PS2				90.	185.	823.4	-98.3	83.6	164.2	314.7
845.0	S				PS2				84.	185.	828.2	-99.3	84.6	164.2	314.7
850.0	S				PS2				82.	185.	833.0	-100.2	85.5	164.2	314.7
850.1	L	79 3G0									833.1	-100.3	85.5	164.2	314.7
850.1	R										833.1	-100.3	85.5	164.2	314.7

****
* DDH: 78X01GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 319309.0 METERS NORTH: 22648675.0 METERS ELEV: 1127.8 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
475.9	1	258.9	18.6	.84	.28	0.	0.	.27	0.	0.	0.	0.	0.
481.4	2	259.0	35.3	2.13	2.29	0.	0.	.29	0.	0.	0.	0.	0.
483.4	2	259.1	27.2	1.87	2.40	0.	0.	.15	0.	0.	0.	0.	0.
484.9	1	259.2	28.9	2.04	1.99	0.	0.	.18	0.	0.	0.	0.	0.
485.9	1	259.3	7.1	.37	.40	0.	0.	.09	0.	0.	0.	0.	0.
487.1	1	259.4	19.6	.73	.48	0.	0.	.13	0.	0.	0.	0.	0.
617.4	2	272.1	74.1	3.74	7.24	10.98	0.	.05	0.	0.	0.	0.	0.
619.2	1	272.2	37.9	2.05	3.89	5.94	0.	.03	0.	0.	0.	0.	0.
621.1	2	272.3	5.7	.26	.38	0.	0.	.01	0.	0.	0.	0.	0.
622.8	1	272.4	10.3	.47	1.00	0.	0.	.02	0.	0.	0.	0.	0.
624.5	2	272.5	27.8	1.26	2.00	0.	0.	.05	0.	0.	0.	0.	0.
626.1	1	272.6	26.5	1.22	1.74	0.	0.	.04	0.	0.	0.	0.	0.
630.7	2	272.7	17.1	.75	1.94	0.	0.	.06	0.	0.	0.	0.	0.
632.7	2	272.8	36.4	2.24	2.69	0.	0.	.03	0.	0.	0.	0.	0.
634.7	2	272.9	54.2	3.83	6.66	10.49	0.	.04	0.	0.	0.	0.	0.
636.7	2	273.0	42.3	2.65	6.28	8.93	0.	.03	0.	0.	0.	0.	0.
638.7	2	273.1	54.5	2.78	5.83	8.61	0.	.05	0.	0.	0.	0.	0.
640.2	2	273.2	14.2	.92	2.17	0.	0.	.04	0.	0.	0.	0.	0.
641.6	1	273.3	61.8	3.52	4.47	7.99	0.	.04	0.	0.	0.	0.	0.
644.0	2	273.4	5.9	.54	1.26	0.	0.	.01	0.	0.	0.	0.	0.
646.8	2	273.5	63.6	3.87	7.34	11.21	0.	.13	0.	0.	0.	0.	0.
648.6	1	273.6	53.1	3.65	5.90	9.55	0.	.02	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 850.10 METERS ENTRIES = 477

****
* DDH: 78X02GY * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 494
POINTS = 493 MAX DDH DEPTH = 807.7 METERS
MAX TRUE DEPTH = 788.1 METERS

EASTING: -118.7 - 0. METERS
NORTHING: -.2 - 101.4 METERS

TYPE C DATA (CONTACTS) ----- 85
TYPE F DATA (PLANES) ------- 146
TYPE P DATA (SAMPLES) ------ 35
TYPE S DATA (SYMMETRY) ----- 61
TYPE X DATA (REF MARKERS) -- 40
TYPE A DATA (SAMPLE MARKERS) 70
TYPE V DATA (ASSAY VALUES)-- 35

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.6	01 #	23	508.7	23 5A3	45	601.0	45 5A1	67	687.6	67 4EA
2	72.6	02 5B0	24	512.6	24 4L7	46	601.8	46 5D6	68	690.5	68 4EC
3	129.9	03 5B6	25	515.6	25 4E0	47	603.3	47 5A0	69	698.9	69 4D0
4	161.6	04 5B0	26	516.4	26 5A7	48	606.5	48 5AD	70	702.2	70 4A0
5	163.4	05 5B6	27	526.8	27 5D3	49	611.8	49 5D6	71	703.9	71 5A1
6	231.7	06 5B0	28	535.9	28 5B7	50	612.7	50 5A0	72	705.4	72 4A4
7	232.4	07 5B2	29	541.7	29 5B6	51	614.0	51 5B6	73	705.9	73 5A1
8	266.3	08 5B0	30	543.1	30 5B4	52	615.9	52 5A1	74	709.7	74 5D3
9	269.3	09 5DB	31	562.3	31 5D3	53	617.6	53 4L7	75	717.0	75 5B0
10	269.7	10 5C3	32	579.0	32 5B6	54	621.8	54 5B6	76	718.1	76 5D3
11	272.7	11 5DB	33	580.1	33 5A1	55	622.2	55 5A0	77	743.2	77 3G0
12	284.1	12 5B7	34	580.4	34 5D6	56	626.9	56 4L7	78	752.8	78 3D4
13	296.4	13 5B7	35	581.0	35 5A1	57	632.6	57 5B6	79	757.7	79 3G0
14	306.9	14 5B7	36	581.6	36 4E4	58	636.8	58 4L7	80	762.2	80 3D4
15	312.5	15 5B7	37	582.2	37 5A1	59	638.5	59 5B6	81	764.1	81 4L7
16	314.8	16 5BD	38	585.0	38 5D6	60	640.5	60 4C7	82	797.6	82 3D4
17	320.0	17 5D6	39	585.6	39 5A1	61	644.0	61 4A0	83	800.0	83 3F0
18	327.0	18 5B7	40	589.9	40 4A4	62	653.0	62 4C7	84	805.0	84 4L7
19	358.7	19 5DB	41	591.7	41 5A1	63	655.1	63 4A4	85	807.7	85 3G0
20	381.6	20 5B7	42	597.6	42 4A4	64	662.9	64 5A1			
21	413.2	21 0C0	43	598.6	43 4A0	65	664.4	65 5D6			
22	507.3	22 5B7	44	599.8	44 5DE	66	674.3	66 5A1			

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  78X02GY    *    START PLOT NUMBER  1
**************************
```

PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.03 - 2.65 (INCHES)
Y-AXIS BOREHOLE LENGTH: 31.03 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 807.7 METERS J = 1 - 493

MAX PAPER WIDTH REQUIRED: 35.0 INCHES

***** PLOT NUMBER 1 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  78X02GY    *    START PLOT NUMBER  2
**************************
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.03 - 2.65 (INCHES)
Y-AXIS BOREHOLE LENGTH: 31.03 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 807.7 METERS J = 1 - 493

MAX PAPER WIDTH REQUIRED: 35.0 INCHES

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
6.2	179.7	341.2						78.	185.	12.0	185.0	-11.8	-.20	-.04
11.3	179.4	325.7						80.	185.	10.0	185.0	-9.9	-.20	-.03
15.6	179.2	312.6						78.	185.	12.0	185.0	-11.8	-.20	-.04
20.8	179.0	296.8						78.	185.	12.0	185.0	-11.8	-.20	-.04
26.0	178.7	281.0						63.	185.	27.0	185.0	-26.6	-.18	-.09
31.4	178.4	267.6						84.	185.	5.8	185.0	-5.7	-.20	-.02
35.6	178.2	269.0						84.	185.	5.7	185.0	-5.6	-.20	-.02
42.0	177.9	271.0						85.	185.					
47.9	177.5	272.9						78.	185.	11.7	185.0	-11.6	-.20	-.04
53.0	177.2	274.6						54.	185.	35.9	185.0	-35.5	-.16	-.12
57.0	177.0	275.9						72.	185.	17.8	185.0	-17.5	-.19	-.06
63.0	176.8	277.5						90.	185.					
68.5	176.8	278.5						72.	185.	17.7	185.0	-17.5	-.19	-.06
73.0	176.8	279.3						77.	185.	12.6	185.0	-12.4	-.20	-.04
78.8	176.7	280.2						80.	185.	9.5	185.0	-9.3	-.20	-.03
84.4	176.7	281.2						65.	185.	24.8	185.0	-24.5	-.18	-.08
90.3	176.7	282.2						70.	185.	19.7	185.0	-19.5	-.19	-.07
95.0	176.6	282.6						63.	185.	27.3	185.0	-26.9	-.18	-.09
101.0	176.4	283.0						65.	185.	25.3	185.0	-24.9	-.18	-.08
107.0	176.2	283.4						80.	185.	9.3	185.0	-9.2	-.20	-.03
113.0	176.1	283.7						64.	185.	26.3	185.0	-26.0	-.18	-.09
116.8	176.0	284.0						67.	185.	23.3	185.0	-23.0	-.18	-.08
120.0	175.9	284.2						75.	185.	14.5	185.0	-14.3	-.19	-.05
130.0	174.8	286.5						78.	185.	11.9	185.0	-11.7	-.20	-.04
136.2	174.0	288.2						70.	185.	20.5	185.0	-20.2	-.19	-.07
139.6	173.6	289.1						70.	185.	20.6	185.0	-20.3	-.19	-.07
145.7	172.8	290.8						78.	185.	11.8	185.0	-11.6	-.20	-.04
151.5	172.1	292.4						75.	185.	15.4	185.0	-15.2	-.19	-.05
154.7	171.9	293.4						85.	185.					
160.6	171.5	295.6						80.	185.	9.1	185.0	-9.0	-.20	-.03
165.2	171.3	297.3						71.	185.	20.6	185.0	-20.3	-.19	-.07
170.0	171.0	299.0						82.	185.	3.2	185.0	-3.1	-.20	-.01
175.9	170.7	301.2						70.	185.	22.4	185.0	-22.1	-.19	-.08
179.4	170.5	302.4						64.	185.	29.1	185.0	-28.7	-.18	-.10
185.0	170.3	303.8						75.	185.	17.1	185.0	-16.9	-.19	-.06
191.0	170.2	304.2						75.	185.	17.2	185.0	-16.9	-.19	-.06
195.1	170.2	304.5						75.	185.	17.3	185.0	-17.0	-.19	-.06
200.0	170.1	304.8						84.	185.					
205.0	170.1	305.1						79.	185.	11.9	185.0	-11.8	-.20	-.04
209.5	170.0	305.4						88.	185.					
215.4	170.1	305.5						80.	185.	10.3	185.0	-10.2	-.20	-.04

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
221.2	170.3	305.2						80.	185.	10.4	185.0	-10.2	-.20	-.04
225.0	170.5	305.0						80.	185.	10.5	185.0	-10.3	-.20	-.04
230.2	170.7	304.8						90.	185.					
234.0	170.8	304.6						80.	185.	10.6	185.0	-10.4	-.20	-.04
240.0	171.1	304.3						80.	185.	10.7	185.0	-10.6	-.20	-.04
245.0	171.2	304.0						73.	185.	19.5	185.0	-19.2	-.19	-.07
249.0	171.2	303.7						75.	185.	17.2	185.0	-16.9	-.19	-.06
255.0	171.3	303.2						80.	185.	10.6	185.0	-10.4	-.20	-.04
261.0	171.3	302.7						67.	185.	25.8	185.0	-25.5	-.18	-.09
265.3	171.3	302.3						75.	185.	16.9	185.0	-16.7	-.19	-.06
270.3	171.4	301.9						90.	185.					
276.3	171.4	301.6						75.	185.	16.8	185.0	-16.6	-.19	-.06
280.0	171.4	301.7						75.	185.	16.8	185.0	-16.6	-.19	-.06
285.6	171.3	301.7						80.	185.	10.3	185.0	-10.1	-.20	-.04
291.7	171.3	301.8						82.	185.	4.4	185.0	-4.3	-.20	-.02
295.3	171.3	301.9						82.	185.	4.4	185.0	-4.4	-.20	-.02
300.8	171.2	301.9						80.	185.	10.2	185.0	-10.1	-.20	-.04
304.0	171.2	302.0						78.	185.	13.1	185.0	-12.9	-.19	-.04
310.1	171.1	301.8						90.	185.					
315.0	171.0	301.7						72.	185.	20.2	185.0	-19.9	-.19	-.07
319.1	170.9	301.6						82.	185.	3.8	185.0	-3.8	-.20	-.01
325.2	170.8	301.4						79.	185.	11.4	185.0	-11.3	-.20	-.04
331.3	170.7	301.2						87.	185.					
335.0	170.6	301.1						80.	185.	9.6	185.0	-9.4	-.20	-.03
340.4	170.3	301.3						84.	185.					
346.4	170.0	301.4						75.	185.	16.6	185.0	-16.3	-.19	-.06
349.2	169.9	301.5						80.	185.	.2	185.0	-.2	-.20	-.00
										8.9	185.0	-8.7	-.20	-.03
355.0	169.6	301.7						90.	185.					
361.8	169.2	301.9						82.	185.					
368.3	169.0	302.1						72.	185.	20.2	185.0	-20.0	-.19	-.07
374.0	168.9	302.4						65.	185.	28.3	185.0	-27.9	-.18	-.09
380.0	168.9	302.6						67.	185.	26.1	185.0	-25.7	-.18	-.09
413.4	168.3	301.7						82.	185.					
419.3	168.2	301.1						75.	185.	15.9	185.0	-15.7	-.19	-.05
425.8	168.0	300.5						74.	185.	17.1	185.0	-16.8	-.19	-.06
431.3	168.5	301.0						68.	185.	24.6	185.0	-24.3	-.18	-.08
436.6	169.0	301.8						73.	185.	19.0	185.0	-18.7	-.19	-.06
442.3	169.6	302.6						72.	185.	20.4	185.0	-20.1	-.19	-.07
448.5	170.3	303.5						80.	185.	9.9	185.0	-9.8	-.20	-.03
454.8	170.9	304.4						67.	185.	26.2	185.0	-25.8	-.18	-.09

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
459.3	171.1	305.0						75.	185.	17.4	185.0	-17.1	-.19	-.06
465.3	170.8	305.7						80.	185.	10.9	185.0	-10.7	-.20	-.04
471.5	170.5	306.4						81.	185.	1.0	185.0	-1.0	-.20	-.00
										8.9	185.0	-8.8	-.20	-.03
477.6	170.2	307.2						80.	185.	10.9	185.0	-10.7	-.20	-.04
483.7	169.9	307.9						83.	185.					
489.5	169.7	308.6						80.	185.	.6	185.0	-.6	-.20	-.00
										10.9	185.0	-10.8	-.20	-.04
495.6	169.6	309.5						80.	185.	.7	185.0	-.7	-.20	-.00
										11.1	185.0	-11.0	-.20	-.04
501.7	169.6	310.3						81.	185.	3.0	185.0	-3.0	-.20	-.01
										9.1	185.0	-9.0	-.20	-.03
508.1	169.5	311.2						75.	185.	18.7	185.0	-18.4	-.19	-.06
514.2	169.4	312.0						70.	185.	24.6	185.0	-24.3	-.18	-.08
520.6	169.1	312.8						80.	185.	1.6	185.0	-1.6	-.20	-.01
										11.9	185.0	-11.7	-.20	-.04
526.0	168.5	313.2						78.	185.	15.1	185.0	-14.9	-.19	-.05
532.5	167.7	313.7						66.	185.	29.9	185.0	-29.5	-.17	-.10
538.6	166.9	314.1						72.	185.	23.3	185.0	-23.0	-.18	-.08
544.6	166.2	314.6						75.	185.	19.6	185.0	-19.3	-.19	-.07
550.6	165.5	315.0						85.	185.					
556.6	164.8	315.1						70.	185.	26.4	185.0	-26.0	-.18	-.09
562.8	164.1	315.3						68.	185.	29.0	185.0	-28.6	-.18	-.10
568.7	163.4	315.5						72.	185.	24.0	185.0	-23.6	-.18	-.08
575.1	162.7	315.7						70.	185.	26.8	185.0	-26.4	-.18	-.09
579.3	162.2	315.8						62.	185.	36.7	185.0	-36.3	-.16	-.12
584.8	162.1	315.7						78.	185.					
590.5	161.9	315.7						78.	185.					
595.0	161.8	315.6						68.	185.	29.4	185.0	-29.1	-.17	-.10
600.0	161.7	315.6						63.	185.	35.6	185.0	-35.2	-.16	-.12
605.0	161.6	315.5						73.	185.	2.3	185.0	-2.3	-.20	-.01
										22.1	185.0	-21.8	-.19	-.07
611.0	161.5	315.5						72.	185.	.8	185.0	-.8	-.20	-.00
										23.7	185.0	-23.4	-.18	-.08
615.0	161.5	315.5						76.	185.	11.2	185.0	-11.1	-.20	-.04
										13.3	185.0	-13.1	-.19	-.05
620.0	161.4	315.5						88.	185.					
625.1	161.4	315.6						79.	185.					
630.0	161.4	315.6						71.	185.	25.3	185.0	-25.0	-.18	-.08
635.0	161.3	315.6						77.	185.					
640.2	161.3	315.6						78.	185.					

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
645.1	161.1	316.4						75.	185.	7.5	185.0	-7.4	-.20	-.03
										18.0	185.0	-17.8	-.19	-.06
649.4	160.9	317.0						77.	185.					
654.7	160.7	317.8						74.	185.	5.6	185.0	-5.5	-.20	-.02
										21.1	185.0	-20.9	-.19	-.07
660.1	160.5	318.6						68.	185.	30.9	185.0	-30.5	-.17	-.10
665.0	160.3	319.4						71.	185.	1.0	185.0	-1.0	-.20	-.00
										27.1	185.0	-26.8	-.18	-.09
670.0	160.1	320.1						72.	185.	2.8	185.0	-2.8	-.20	-.01
										25.9	185.0	-25.6	-.18	-.09
676.4	160.6	320.5						69.	185.	30.4	185.0	-30.0	-.17	-.10
680.4	160.9	320.7						70.	185.	29.1	185.0	-28.7	-.18	-.10
686.5	161.4	321.0						73.	185.	2.3	185.0	-2.3	-.20	-.01
										24.9	185.0	-24.6	-.18	-.08
691.8	161.8	321.2						79.	185.					
697.8	162.2	321.5						75.	185.	4.2	185.0	-4.2	-.20	-.01
										22.0	185.0	-21.7	-.19	-.07
703.1	162.4	321.7						75.	185.	3.9	185.0	-3.8	-.20	-.01
										22.1	185.0	-21.8	-.19	-.07
707.9	162.3	321.8						87.	185.					
712.9	162.1	321.9						85.	185.					
716.9	161.9	322.0						83.	185.					
721.1	161.8	322.1						80.	185.					
725.1	161.6	322.2						67.	185.	33.3	185.0	-32.9	-.17	-.11
730.6	161.4	322.3						73.	185.	2.3	185.0	-2.2	-.20	-.01
										25.5	185.0	-25.2	-.18	-.09
735.9	161.3	321.9						73.	185.	2.4	185.0	-2.4	-.20	-.01
										25.3	185.0	-25.0	-.18	-.08
740.1	161.2	321.5						70.	185.	29.4	185.0	-29.0	-.17	-.10
745.0	161.1	321.0						76.	185.	8.6	185.0	-8.5	-.20	-.03
										19.1	185.0	-18.8	-.19	-.06
750.5	161.0	320.5						80.	185.					
756.0	160.9	320.0						75.	185.	6.9	185.0	-6.8	-.20	-.02
										20.6	185.0	-20.3	-.19	-.07
761.1	160.8	319.5						73.	185.	3.4	185.0	-3.3	-.20	-.01
										24.1	185.0	-23.7	-.18	-.08
767.1	161.0	319.5						84.	185.					
773.2	161.2	319.6						75.	185.	6.4	185.0	-6.3	-.20	-.02
										20.5	185.0	-20.2	-.19	-.07
779.3	161.5	319.7						80.	185.					
785.4	161.7	319.8						79.	185.					

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
791.6	162.0	319.9						76.	185.	6.9	185.0	-6.8	-.20	-.02
										19.0	185.0	-18.7	-.19	-.06
796.6	162.0	319.9						80.	185.					
802.8	162.0	319.9						82.	185.					
807.6	162.0	319.9						84.	185.					

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  78X02GY      *     START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -5.55 - .00 (INCHES)
Y-AXIS BOREHOLE LENGTH: 31.03 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 807.7 METERS J = 1 - 493

MAX PAPER WIDTH REQUIRED: 35.0 INCHES

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* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
6.2	179.7	341.2						78.	185.	12.0	185.0	2.1	.20	.01
11.3	179.4	325.7						80.	185.	10.0	185.0	1.8	.20	.01
15.6	179.2	312.6						78.	185.	12.0	185.0	2.1	.20	.01
20.8	179.0	296.8						78.	185.	12.0	185.0	2.1	.20	.01
26.0	178.7	281.0						63.	185.	27.0	185.0	5.1	.20	.02
31.4	178.4	267.6						84.	185.	5.8	185.0	1.0	.20	.00
35.6	178.2	269.0						84.	185.	5.7	185.0	1.0	.20	.00
42.0	177.9	271.0						85.	185.					
47.9	177.5	272.9						78.	185.	11.7	185.0	2.1	.20	.01
53.0	177.2	274.6						54.	185.	35.9	185.0	7.2	.20	.02
57.0	177.0	275.9						72.	185.	17.8	185.0	3.2	.20	.01
63.0	176.8	277.5						90.	185.					
68.5	176.8	278.5						72.	185.	17.7	185.0	3.2	.20	.01
73.0	176.8	279.3						77.	185.	12.6	185.0	2.2	.20	.01
78.8	176.7	280.2						80.	185.	9.5	185.0	1.7	.20	.01
84.4	176.7	281.2						65.	185.	24.8	185.0	4.6	.20	.02
90.3	176.7	282.2						70.	185.	19.7	185.0	3.6	.20	.01
95.0	176.6	282.6						63.	185.	27.3	185.0	5.1	.20	.02
101.0	176.4	283.0						65.	185.	25.3	185.0	4.7	.20	.02
107.0	176.2	283.4						80.	185.	9.3	185.0	1.6	.20	.01
113.0	176.1	283.7						64.	185.	26.3	185.0	4.9	.20	.02
116.8	176.0	284.0						67.	185.	23.3	185.0	4.3	.20	.01
120.0	175.9	284.2						75.	185.	14.5	185.0	2.6	.20	.01
130.0	174.8	286.5						78.	185.	11.9	185.0	2.1	.20	.01
136.2	174.0	288.2						70.	185.	20.5	185.0	3.7	.20	.01
139.6	173.6	289.1						70.	185.	20.6	185.0	3.7	.20	.01
145.7	172.8	290.8						78.	185.	11.8	185.0	2.1	.20	.01
151.5	172.1	292.4						75.	185.	15.4	185.0	2.7	.20	.01
154.7	171.9	293.4						85.	185.					
160.6	171.5	295.6						80.	185.	9.1	185.0	1.6	.20	.01
165.2	171.3	297.3						71.	185.	20.6	185.0	3.7	.20	.01
170.0	171.0	299.0						82.	185.	3.2	185.0	.6	.20	.00
175.9	170.7	301.2						70.	185.	22.4	185.0	4.1	.20	.01
179.4	170.5	302.4						64.	185.	29.1	185.0	5.5	.20	.02
185.0	170.3	303.8						75.	185.	17.1	185.0	3.1	.20	.01
191.0	170.2	304.2						75.	185.	17.2	185.0	3.1	.20	.01
195.1	170.2	304.5						75.	185.	17.3	185.0	3.1	.20	.01
200.0	170.1	304.8						84.	185.					
205.0	170.1	305.1						79.	185.	11.9	185.0	2.1	.20	.01
209.5	170.0	305.4						88.	185.					
215.4	170.1	305.5						80.	185.	10.3	185.0	1.8	.20	.01

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* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
221.2	170.3	305.2					80. 185.	10.4	185.0	1.8	.20	.01
225.0	170.5	305.0					80. 185.	10.5	185.0	1.8	.20	.01
230.2	170.7	304.8					90. 185.					
234.0	170.8	304.6					80. 185.	10.6	185.0	1.9	.20	.01
240.0	171.1	304.3					80. 185.	10.7	185.0	1.9	.20	.01
245.0	171.2	304.0					73. 185.	19.5	185.0	3.5	.20	.01
249.0	171.2	303.7					75. 185.	17.2	185.0	3.1	.20	.01
255.0	171.3	303.2					80. 185.	10.6	185.0	1.9	.20	.01
261.0	171.3	302.7					67. 185.	25.8	185.0	4.8	.20	.02
265.3	171.3	302.3					75. 185.	16.9	185.0	3.0	.20	.01
270.3	171.4	301.9					90. 185.					
276.3	171.4	301.6					75. 185.	16.8	185.0	3.0	.20	.01
280.0	171.4	301.7					75. 185.	16.8	185.0	3.0	.20	.01
285.6	171.3	301.7					80. 185.	10.3	185.0	1.8	.20	.01
291.7	171.3	301.8					82. 185.	4.4	185.0	.8	.20	.00
295.3	171.3	301.9					82. 185.	4.4	185.0	.8	.20	.00
300.8	171.2	301.9					80. 185.	10.2	185.0	1.8	.20	.01
304.0	171.2	302.0					78. 185.	13.1	185.0	2.3	.20	.01
310.1	171.1	301.8					90. 185.					
315.0	171.0	301.7					72. 185.	20.2	185.0	3.7	.20	.01
319.1	170.9	301.6					82. 185.	3.8	185.0	.7	.20	.00
325.2	170.8	301.4					79. 185.	11.4	185.0	2.0	.20	.01
331.3	170.7	301.2					87. 185.					
335.0	170.6	301.1					80. 185.	9.6	185.0	1.7	.20	.01
340.4	170.3	301.3					84. 185.					
346.4	170.0	301.4					75. 185.	16.6	185.0	3.0	.20	.01
349.2	169.9	301.5					80. 185.	.2	185.0	.0	.20	.00
								8.9	185.0	1.6	.20	.01
355.0	169.6	301.7					90. 185.					
361.8	169.2	301.9					82. 185.					
368.3	169.0	302.1					72. 185.	20.2	185.0	3.7	.20	.01
374.0	168.9	302.4					65. 185.	28.3	185.0	5.3	.20	.02
380.0	168.9	302.6					67. 185.	26.1	185.0	4.9	.20	.02
413.4	168.3	301.7					82. 185.					
419.3	168.2	301.1					75. 185.	15.9	185.0	2.8	.20	.01
425.8	168.0	300.5					74. 185.	17.1	185.0	3.1	.20	.01
431.3	168.5	301.0					68. 185.	24.6	185.0	4.6	.20	.02
436.6	169.0	301.8					73. 185.	19.0	185.0	3.4	.20	.01
442.3	169.6	302.6					72. 185.	20.4	185.0	3.7	.20	.01
448.5	170.3	303.5					80. 185.	9.9	185.0	1.7	.20	.01
454.8	170.9	304.4					67. 185.	26.2	185.0	4.9	.20	.02

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* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
459.3	171.1	305.0					75. 185.	17.4	185.0	3.1	.20	.01
465.3	170.8	305.7					80. 185.	10.9	185.0	1.9	.20	.01
471.5	170.5	306.4					81. 185.	1.0	185.0	.2	.20	.00
								8.9	185.0	1.6	.20	.01
477.6	170.2	307.2					80. 185.	10.9	185.0	1.9	.20	.01
483.7	169.9	307.9					83. 185.					
489.5	169.7	308.6					80. 185.	.6	185.0	.1	.20	.00
								10.9	185.0	1.9	.20	.01
495.6	169.6	309.5					80. 185.	.7	185.0	.1	.20	.00
								11.1	185.0	2.0	.20	.01
501.7	169.6	310.3					81. 185.	3.0	185.0	.5	.20	.00
								9.1	185.0	1.6	.20	.01
508.1	169.5	311.2					75. 185.	18.7	185.0	3.4	.20	.01
514.2	169.4	312.0					70. 185.	24.6	185.0	4.5	.20	.02
520.6	169.1	312.8					80. 185.	1.6	185.0	.3	.20	.00
								11.9	185.0	2.1	.20	.01
526.0	168.5	313.2					78. 185.	15.1	185.0	2.7	.20	.01
532.5	167.7	313.7					66. 185.	29.9	185.0	5.7	.20	.02
538.6	166.9	314.1					72. 185.	23.3	185.0	4.3	.20	.01
544.6	166.2	314.6					75. 185.	19.6	185.0	3.5	.20	.01
550.6	165.5	315.0					85. 185.					
556.6	164.8	315.1					70. 185.	26.4	185.0	4.9	.20	.02
562.8	164.1	315.3					68. 185.	29.0	185.0	5.5	.20	.02
568.7	163.4	315.5					72. 185.	24.0	185.0	4.4	.20	.02
575.1	162.7	315.7					70. 185.	26.8	185.0	5.0	.20	.02
579.3	162.2	315.8					62. 185.	36.7	185.0	7.4	.20	.03
584.8	162.1	315.7					78. 185.					
590.5	161.9	315.7					78. 185.					
595.0	161.8	315.6					68. 185.	29.4	185.0	5.6	.20	.02
600.0	161.7	315.6					63. 185.	35.6	185.0	7.1	.20	.02
605.0	161.6	315.5					73. 185.	2.3	185.0	.4	.20	.00
								22.1	185.0	4.0	.20	.01
611.0	161.5	315.5					72. 185.	.8	185.0	.1	.20	.00
								23.7	185.0	4.4	.20	.02
615.0	161.5	315.5					76. 185.	11.2	185.0	2.0	.20	.01
								13.3	185.0	2.4	.20	.01
620.0	161.4	315.5					88. 185.					
625.1	161.4	315.6					79. 185.					
630.0	161.4	315.6					71. 185.	25.3	185.0	4.7	.20	.02
635.0	161.3	315.6					77. 185.					
640.2	161.3	315.6					78. 185.					

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED			OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
645.1	161.1	316.4					75. 185.	7.5	185.0	1.3	.20	.00
								18.0	185.0	3.2	.20	.01
649.4	160.9	317.0					77. 185.					
654.7	160.7	317.8					74. 185.	5.6	185.0	1.0	.20	.00
								21.1	185.0	3.8	.20	.01
660.1	160.5	318.6					68. 185.	30.9	185.0	5.9	.20	.02
665.0	160.3	319.4					71. 185.	1.0	185.0	.2	.20	.00
								27.1	185.0	5.1	.20	.02
670.0	160.1	320.1					72. 185.	2.8	185.0	.5	.20	.00
								25.9	185.0	4.8	.20	.02
676.4	160.6	320.5					69. 185.	30.4	185.0	5.8	.20	.02
680.4	160.9	320.7					70. 185.	29.1	185.0	5.5	.20	.02
686.5	161.4	321.0					73. 185.	2.3	185.0	.4	.20	.00
								24.9	185.0	4.6	.20	.02
691.8	161.8	321.2					79. 185.					
697.8	162.2	321.5					75. 185.	4.2	185.0	.7	.20	.00
								22.0	185.0	4.0	.20	.01
703.1	162.4	321.7					75. 185.	3.9	185.0	.7	.20	.00
								22.1	185.0	4.0	.20	.01
707.9	162.3	321.8					87. 185.					
712.9	162.1	321.9					85. 185.					
716.9	161.9	322.0					83. 185.					
721.1	161.8	322.1					80. 185.					
725.1	161.6	322.2					67. 185.	33.3	185.0	6.5	.20	.02
730.6	161.4	322.3					73. 185.	2.3	185.0	.4	.20	.00
								25.5	185.0	4.7	.20	.02
735.9	161.3	321.9					73. 185.	2.4	185.0	.4	.20	.00
								25.3	185.0	4.7	.20	.02
740.1	161.2	321.5					70. 185.	29.4	185.0	5.6	.20	.02
745.0	161.1	321.0					76. 185.	8.6	185.0	1.5	.20	.01
								19.1	185.0	3.4	.20	.01
750.5	161.0	320.5					80. 185.					
756.0	160.9	320.0					75. 185.	6.9	185.0	1.2	.20	.00
								20.6	185.0	3.7	.20	.01
761.1	160.8	319.5					73. 185.	3.4	185.0	.6	.20	.00
								24.1	185.0	4.4	.20	.02
767.1	161.0	319.5					84. 185.					
773.2	161.2	319.6					75. 185.	6.4	185.0	1.1	.20	.00
								20.5	185.0	3.7	.20	.01
779.3	161.5	319.7					80. 185.					
785.4	161.7	319.8					79. 185.					

****
* DDH: 78X02GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
791.6	162.0	319.9						76.	185.	6.9	185.0	1.2	.20	.00
										19.0	185.0	3.4	.20	.01
796.6	162.0	319.9						80.	185.					
802.8	162.0	319.9						82.	185.					
807.6	162.0	319.9						84.	185.					

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*      DDH:  78X02GY     *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    320135.0  NORTH: 22647950.0
                      ELEV:      1066.8


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T78X02GY 01066.82264795000320135 METERS
     2   R78X02GY 00000         180.0 000.0 AT COLLAR
     3   R78X02GY 00305         178.5 267.3   SPERRY SUN GYRO
     4   R78X02GY 00610         176.8 277.2
     5   R78X02GY 00914         176.7 282.4
     6   R78X02GY 01219         175.8 284.3
     7   R78X02GY 01524         172.0 292.6
     8   R78X02GY 01829         170.3 303.7
     9   R78X02GY 02134         170.0 305.6
    10   R78X02GY 02438         171.2 304.1
    11   R78X02GY 02743         171.4 301.6
    12   R78X02GY 03048         171.2 302.0
    13   R78X02GY 03353         170.6 301.1
    14   R78X02GY 03658         169.0 302.0
    15   R78X02GY 03962         168.7 303.3
    16   R78X02GY 04267         168.0 300.4
    17   R78X02GY 04572         171.2 304.7
    18   R78X02GY 04877         169.7 308.4
    19   R78X02GY 05182         169.4 312.6
    20   R78X02GY 05486         165.7 314.9
    21   R78X02GY 05791         162.2 315.8
    22   R78X02GY 06096         161.5 315.5
    23   R78X02GY 06401         161.3 315.6
    24   R78X02GY 06706         160.1 320.2
    25   R78X02GY 07010         162.5 321.7
    26   R78X02GY 07315         161.4 322.3
    27   R78X02GY 07620         160.8 319.4
    28   R78X02GY 07925         162.0 319.9
    29   L78X02GY 00000 00036 01   #
    30   L78X02GY 00036 00726 02 5B0
    31   L78X02GY 00726 01299 03 5B6
    32   L78X02GY 01299 01616 04 5B0
    33   L78X02GY 01616 01634 05 5B6
    34   L78X02GY 01634 02317 06 5B0
    35   L78X02GY 02317 02324 07 5B2
    36   L78X02GY 02324 02663 08 5B0
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
```

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78X02GY 02663 02693 09 5DB
   38 L78X02GY 02693 02697 10 5C3
   39 L78X02GY 02697 02727 11 5DB
   40 L78X02GY 02727 02841 12 5B7
   41 L78X02GY 02841 02964 13 5B7
   42 L78X02GY 02964 03069 14 5B7
   43 L78X02GY 03069 03125 15 5B7
   44 L78X02GY 03125 03148 16 5BD
   45 L78X02GY 03148 03200 17 5D6
   46 L78X02GY 03200 03270 18 5B7
   47 L78X02GY 03270 03587 19 5DB
   48 L78X02GY 03587 03816 20 5B7
   49 L78X02GY 03816 04132 21 0C0
   50 L78X02GY 04132 05073 22 5B7
   51 L78X02GY 05073 05087 23 5A3
   52 L78X02GY 05087 05126 24 4L7
   53 L78X02GY 05126 05156 25 4E0
   54 L78X02GY 05156 05164 26 5A7
   55 L78X02GY 05164 05268 27 5D3
   56 L78X02GY 05268 05359 28 5B7
   57 L78X02GY 05359 05417 29 5B6
   58 L78X02GY 05417 05431 30 5B4
   59 L78X02GY 05431 05623 31 5D3
   60 L78X02GY 05623 05790 32 5B6
   61 L78X02GY 05790 05801 33 5A1
   62 L78X02GY 05801 05804 34 5D6
   63 L78X02GY 05804 05810 35 5A1
   64 L78X02GY 05810 05816 36 4E4
   65 L78X02GY 05816 05822 37 5A1
   66 L78X02GY 05822 05850 38 5D6
   67 L78X02GY 05850 05856 39 5A1
   68 L78X02GY 05856 05899 40 4A4
   69 L78X02GY 05899 05917 41 5A1
   70 L78X02GY 05917 05976 42 4A4
   71 L78X02GY 05976 05986 43 4A0
   72 L78X02GY 05986 05998 44 5DE
   73 L78X02GY 05998 06010 45 5A1
   74 L78X02GY 06010 06018 46 5D6
   75 L78X02GY 06018 06033 47 5A0
   76 L78X02GY 06033 06065 48 5AD
   77 L78X02GY 06065 06118 49 5D6
   78 L78X02GY 06118 06127 50 5A0
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79 L78X02GY 06127 06140 51 5B6
   80 L78X02GY 06140 06159 52 5A1
   81 L78X02GY 06159 06176 53 4L7
   82 L78X02GY 06176 06218 54 5B6
   83 L78X02GY 06218 06222 55 5A0
   84 L78X02GY 06222 06269 56 4L7
   85 L78X02GY 06269 06326 57 5B6
   86 L78X02GY 06326 06368 58 4L7
   87 L78X02GY 06368 06385 59 5B6
   88 L78X02GY 06385 06405 60 4C7
   89 L78X02GY 06405 06440 61 4A0
   90 L78X02GY 06440 06530 62 4C7
   91 L78X02GY 06530 06551 63 4A4
   92 L78X02GY 06551 06629 64 5A1
   93 L78X02GY 06629 06644 65 5D6
   94 L78X02GY 06644 06743 66 5A1
   95 L78X02GY 06743 06876 67 4EA
   96 L78X02GY 06876 06905 68 4EC
   97 L78X02GY 06905 06989 69 4D0
   98 L78X02GY 06989 07022 70 4A0
   99 L78X02GY 07022 07039 71 5A1
  100 L78X02GY 07039 07054 72 4A4
  101 L78X02GY 07054 07059 73 5A1
  102 L78X02GY 07059 07097 74 5D3
  103 L78X02GY 07097 07170 75 5B0
  104 L78X02GY 07170 07181 76 5D3
  105 L78X02GY 07181 07432 77 3G0
  106 L78X02GY 07432 07528 78 3D4
  107 L78X02GY 07528 07577 79 3G0
  108 L78X02GY 07577 07622 80 3D4
  109 L78X02GY 07622 07641 81 4L7
  110 L78X02GY 07641 07976 82 3D4
  111 L78X02GY 07976 08000 83 3F0
  112 L78X02GY 08000 08050 84 4L7
  113 L78X02GY 08050 08077 85 3G0
  114 S78X02GY       00036  F2 S
  115 S78X02GY       00062 CS2        78185
  116 S78X02GY       00113 CS2        80185
  117 S78X02GY       00156  F2 E      78185
  118 S78X02GY       00187  F2 3
  119 S78X02GY       00208 CS2        78185
  120 S78X02GY       00232  F2 S
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  121  S78X02GY       00260 CS2          63185
  122  S78X02GY       00314  F2 Z        84185
  123  S78X02GY       00356 CS2          84185
  124  S78X02GY       00388  F2 3
  125  S78X02GY       00420 CS2          85185
  126  S78X02GY       00479 CS2          78185
  127  S78X02GY       00504  F2 E
  128  S78X02GY       00530 CS2          54185
  129  S78X02GY       00570 CS2          72185
  130  S78X02GY       00617  F2 Z
  131  S78X02GY       00630 CS2          90185
  132  S78X02GY       00660  F2 Z
  133  S78X02GY       00685 CS2          72185
  134  S78X02GY       00730 CS2          77185
  135  S78X02GY       00788 CS2          80185
  136  S78X02GY       00844 CS2          65185
  137  S78X02GY       00886  F2 3
  138  S78X02GY       00903 CS2          70185
  139  S78X02GY       00941  F2 E
  140  S78X02GY       00950 CS2          63185
  141  S78X02GY       01010 CS2          65185
  142  S78X02GY       01019  F2 3
  143  S78X02GY       01070 CS2          80185
  144  S78X02GY       01130 CS2          64185
  145  S78X02GY       01168 CS2          67185
  146  S78X02GY       01200 CS2          75185
  147  S78X02GY       01222  F2 S
  148  S78X02GY       01300 CS2          78185
  149  S78X02GY       01357  F2 S
  150  S78X02GY       01362 CS2          70185
  151  S78X02GY       01396 CS2          70185
  152  S78X02GY       01457  F2 E        78185
  153  S78X02GY       01515 CS2          75185
  154  S78X02GY       01547  F2 3        85185
  155  S78X02GY       01590  F2 S
  156  S78X02GY       01606 PS2          80185
  157  S78X02GY       01648  F2 S
  158  S78X02GY       01652 CS2          71185
  159  S78X02GY       01700 CS2          82185
  160  S78X02GY       01759 CS2          70185
  161  S78X02GY       01794 CS2          64185
  162  S78X02GY       01850 CS2          75185
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S78X02GY	01910	CS2	75185	
164	S78X02GY	01930	F2 E		
165	S78X02GY	01951	CS2	75185	
166	S78X02GY	01970	F2 3		
167	S78X02GY	02000	CS2	84185	
168	S78X02GY	02028	F2 E		
169	S78X02GY	02050	CS2	79185	
170	S78X02GY	02095	F2 3	88185	
171	S78X02GY	02154	CS2	80185	
172	S78X02GY	02189	F2 E		
173	S78X02GY	02212	CS2	80185	
174	S78X02GY	02250	CS2	80185	
175	S78X02GY	02302	CS2	90185	
176	S78X02GY	02335	F2 3		
177	S78X02GY	02340	CS2	80185	
178	S78X02GY	02400	CS2	80185	
179	S78X02GY	02438	F2 E		
180	S78X02GY	02450	CS2	73185	
181	S78X02GY	02462	F2 3		
182	S78X02GY	02490	CS2	75185	
183	S78X02GY	02550	CS2	80185	
184	S78X02GY	02610	CS2	67185	
185	S78X02GY	02653	CS2	75185	
186	S78X02GY	02703	CS2	90185	
187	S78X02GY	02763	CS2	75185	
188	S78X02GY	02800	CS2	75185	
189	S78X02GY	02856	CS2	80185	
190	S78X02GY	02917	CS2	82185	
191	S78X02GY	02930	F2 E		
192	S78X02GY	02953	CS2	82185	
193	S78X02GY	02979	F2 3		
194	S78X02GY	03008	CS2	80185	
195	S78X02GY	03040	CS2	78185	
196	S78X02GY	03045	F2 S		
197	S78X02GY	03101	F2 S	90185	
198	S78X02GY	03150	CS2	72185	
199	S78X02GY	03191	CS2	82185	
200	S78X02GY	03225	F2 E		
201	S78X02GY	03252	CS2	79185	
202	S78X02GY	03313	CS2	87185	
203	S78X02GY	03320	F2		
204	S78X02GY	03350	CS2	80185	

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

205	S78X02GY	03404	CS2		84185
206	S78X02GY	03464	CS2		75185
207	S78X02GY	03492	F2	M	80185
208	S78X02GY	03550	CS2		90185
209	S78X02GY	03590	F2	S	
210	S78X02GY	03618	CS2		82185
211	S78X02GY	03683	CS2		72185
212	S78X02GY	03740	CS2		65185
213	S78X02GY	03800	CS2		67185
214	S78X02GY	03816	F2	S	
215	S78X02GY	04132	F2	S	
216	S78X02GY	04134	CS2		82185
217	S78X02GY	04193	CS2		75185
218	S78X02GY	04233	F2	E	
219	S78X02GY	04258	CS2		74185
220	S78X02GY	04313	CS2		68185
221	S78X02GY	04366	CS2		73185
222	S78X02GY	04397	F2	E	
223	S78X02GY	04423	CS2		72185
224	S78X02GY	04485	CS2		80185
225	S78X02GY	04548	CS2		67185
226	S78X02GY	04573	F2	Z	
227	S78X02GY	04581	F2	Z	
228	S78X02GY	04593	CS2		75185
229	S78X02GY	04653	F2	S	80185
230	S78X02GY	04715	CS2		81185
231	S78X02GY	04776	CS2		80185
232	S78X02GY	04837	CS2		83185
233	S78X02GY	04895	CS2		80185
234	S78X02GY	04956	CS2		80185
235	S78X02GY	05017	CS2		81185
236	S78X02GY	05081	CS2		75185
237	S78X02GY	05142	CS2		70185
238	S78X02GY	05206	CS2		80185
239	S78X02GY	05221	F2	E	
240	S78X02GY	05240	F2	3	
241	S78X02GY	05260	CS2		78185
242	S78X02GY	05272	F2	E	
243	S78X02GY	05285	F2	3	
244	S78X02GY	05325	CS2		66185
245	S78X02GY	05386	CS2		72185
246	S78X02GY	05399	F2	E	

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247 S78X02GY      05446 CS2         75185
  248 S78X02GY      05506 CS2         85185
  249 S78X02GY      05554  F2 3
  250 S78X02GY      05566 CS2         70185
  251 S78X02GY      05628 CS2         68185
  252 S78X02GY      05687 CS2         72185
  253 S78X02GY      05751 CS2         70185
  254 S78X02GY      05793 CS2         62185
  255 S78X02GY      05848 CS2         78185
  256 S78X02GY      05905 CS2         78185
  257 S78X02GY      05950 CS2         68185
  258 S78X02GY      06000 CS2         63185
  259 S78X02GY      06050 CS2         73185
  260 S78X02GY      06110 CS2         72185
  261 S78X02GY      06115  F2 E
  262 S78X02GY      06150 CS2         76185
  263 S78X02GY      06185  F2 E
  264 S78X02GY      06200 CS2         88185
  265 S78X02GY      06251 CS2         79185
  266 S78X02GY      06281  F2 3
  267 S78X02GY      06300 CS2         71185
  268 S78X02GY      06350 CS2         77185
  269 S78X02GY      06402 CS2         78185
  270 S78X02GY      06451 CS2         75185
  271 S78X02GY      06494 CS2         77185
  272 S78X02GY      06547 CS2         74185
  273 S78X02GY      06554  F2 E
  274 S78X02GY      06601 CS2         68185
  275 S78X02GY      06608  F2 3
  276 S78X02GY      06650 CS2         71185
  277 S78X02GY      06700 CS2         72185
  278 S78X02GY      06764 CS2         69185
  279 S78X02GY      06804 CS2         70185
  280 S78X02GY      06838  F2 S
  281 S78X02GY      06865 PS2         73185
  282 S78X02GY      06918 PS2         79185
  283 S78X02GY      06946  F2 S
  284 S78X02GY      06978 CS2         75185
  285 S78X02GY      07031 CS2         75185
  286 S78X02GY      07079 CS2         87185
  287 S78X02GY      07083  F2 E
  288 S78X02GY      07129 CS2         85185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78X02GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

289	S78X02GY	07162	F2 Z	
290	S78X02GY	07169	PS2	83185
291	S78X02GY	07211	PS2	80185
292	S78X02GY	07251	PS2	67185
293	S78X02GY	07253	F2 Z	
294	S78X02GY	07306	CS2	73185
295	S78X02GY	07333	F2 3	
296	S78X02GY	07359	CS2	73185
297	S78X02GY	07366	F2 Z	
298	S78X02GY	07401	CS2	70185
299	S78X02GY	07450	CS2	76185
300	S78X02GY	07505	CS2	80185
301	S78X02GY	07560	CS2	75185
302	S78X02GY	07611	CS2	73185
303	S78X02GY	07658	F2 3	
304	S78X02GY	07671	CS2	84185
305	S78X02GY	07717	F2 E	
306	S78X02GY	07732	CS2	75185
307	S78X02GY	07766	F2 3	
308	S78X02GY	07793	CS2	80185
309	S78X02GY	07854	CS2	79185
310	S78X02GY	07916	CS2	76185
311	S78X02GY	07966	CS2	80185
312	S78X02GY	08028	CS2	82185
313	S78X02GY	08076	CS2	84185
314	P78X02GY	05810	05816	002580
315	P78X02GY	05856	05869	002581
316	P78X02GY	05869	05889	002582
317	P78X02GY	05889	05899	002583
318	P78X02GY	05899	05917	002584
319	P78X02GY	05917	05937	002583
320	P78X02GY	05937	05957	002586
321	P78X02GY	05957	05976	002587
322	P78X02GY	05976	05986	002588
323	P78X02GY	06405	06425	002595
324	P78X02GY	06425	06440	002596
325	P78X02GY	06440	06460	002597
326	P78X02GY	06460	06480	002598
327	P78X02GY	06480	06500	002599
328	P78X02GY	06500	06520	002600
329	P78X02GY	06520	06530	002701
330	P78X02GY	06530	06540	002702

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* DDH: 78X02GY *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

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                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  331  P78X02GY 06540 06551 002703
  332  P78X02GY 06743 06763 002704
  333  P78X02GY 06763 06783 002705
  334  P78X02GY 06783 06803 002706
  335  P78X02GY 06803 06823 002707
  336  P78X02GY 06823 06843 002708
  337  P78X02GY 06843 06863 002709
  338  P78X02GY 06863 06876 002710
  339  P78X02GY 06876 06886 002711
  340  P78X02GY 06886 06905 002712
  341  P78X02GY 06905 06925 002713
  342  P78X02GY 06925 06945 002714
  343  P78X02GY 06945 06965 002715
  344  P78X02GY 06965 06975 002716
  345  P78X02GY 06975 06989 002717
  346  P78X02GY 06989 07009 002718
  347  P78X02GY 07009 07022 002719
  348  P78X02GY 07039 07054 002720
  349  A78X02GY 581.0 581.6  0.6  2580 1280 5.08 1207 1715     0.02
  350  A78X02GY 585.6 586.9  1.3  2581 49.2 2.50 6.39 8.89     0.02
  351  A78X02GY 586.9 588.9  2.0  2582 47.0 2.83 5.56 8.39     0.02
  352  A78X02GY 588.9 589.9  1.0  2583  0.4 0.07 0.11          0.01
  353  A78X02GY 589.9 591.7  1.8  2584 53.9 3.11 5.86 8.97     0.02
  354  A78X02GY 591.7 593.7  2.0  2585 22.1 1.78 4.11 5.89     0.04
  355  A78X02GY 593.7 595.7  2.0  2586 11.6 2.17 4.45 6.62     0.03
  356  A78X02GY 595.7 597.6  1.9  2587 13.9 2.19 3.86 6.05     0.03
  357  A78X02GY 597.6 598.6  1.0  2588  3.3 0.42 0.93          0.03
  358  A78X02GY 640.5 642.5  2.0  2595 37.4 2.14 1.49          0.05
  359  A78X02GY 642.5 644.0  1.5  2596 15.6 0.69 0.78          0.05
  360  A78X02GY 644.0 646.0  2.0  2597 22.5 0.40 0.71          0.12
  361  A78X02GY 646.0 648.0  2.0  2598 16.5 0.88 1.79          0.16
  362  A78X02GY 648.0 650.0  2.0  2599  1.6 0.17 0.25          0.06
  363  A78X02GY 650.0 652.0  2.0  2600  3.0 0.27 0.52          0.06
  364  A78X02GY 652.0 653.0  1.0  2701  6.6 0.45 0.36          0.09
  365  A78X02GY 653.0 654.0  1.0  2702 53.4 3.65 3.14 6.79     0.05
  366  A78X02GY 654.0 655.1  1.1  2703 47.6 2.47 5.82 8.29     0.02
  367  A78X02GY 674.3 676.3  2.0  2704 68.9 5.77 4.39 1016     0.05
  368  A78X02GY 676.3 678.3  2.0  2705 74.7 6.22 4.20 1042     0.10
  369  A78X02GY 678.3 680.3  2.0  2706 64.3 4.16 4.35 8.51     0.18
  370  A78X02GY 680.3 682.3  2.0  2707 55.0 3.34 2.18 5.52     0.16
  371  A78X02GY 682.3 684.3  2.0  2708 31.0 1.00 2.32          0.26
  372  A78X02GY 684.3 686.3  2.0  2709 79.2 3.00 6.07 9.07     0.17
       1........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
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* DDH: 78X02GY *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

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                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
 373   A78X02GY 686.3 687.6  1.3  2710 98.3 4.57 8.72 1329      0.07
 374   A78X02GY 687.6 688.6  1.0  2711 28.0 1.89 2.96           0.08
 375   A78X02GY 688.6 690.5  1.9  2712 47.7 2.14 4.34 6.48      0.16
 376   A78X02GY 690.5 692.5  2.0  2713 82.0 4.50 8.11 1261      0.06
 377   A78X02GY 692.5 694.5  2.0  2714 58.2 3.81 6.07 9.88      0.03
 378   A78X02GY 694.5 696.5  2.0  2715 25.1 1.92 2.25           0.03
 379   A78X02GY 696.5 697.5  1.0  2716 22.2 1.68 2.82           0.02
 380   A78X02GY 697.5 698.9  1.4  2717 36.1 2.22 4.28 6.50      0.01
 381   A78X02GY 698.9 700.9  2.0  2718 65.5 3.92 6.14 1006      0.06
 382   A78X02GY 700.9 702.2  1.3  2719 60.7 3.34 5.83 9.17      0.03
 383   A78X02GY 703.9 705.4  1.5  2720 69.5 3.87 6.41 1028      0.09
       1........1.........2.........3.........4.........5.........6.........7.........8
                 0         0         0         0         0         0         0         0
```

DDH: 78X02GY -- SUMMARY OF DATA INPUT

RECORDS READ = 383   RELEASED TO SORT 493

TYPE-L = 85
TYPE-P = 35
TYPE-R = 27
TYPE-S = 200
TYPE-X = 40
TYPE-A = 70
TYPE-V = 35   (GENERATED TO DEPTH: 800.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 807.7 METERS

****
* DDH: 78X02GY *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 320135.0 NORTH: 22647950.0
ELEV: 1066.8

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	178.50	
	AZIMUTH:	0.	-	267.30	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	178.50	-	176.80	
	AZIMUTH:	267.30	-	277.20	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	176.80	-	176.70	
	AZIMUTH:	277.20	-	282.40	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	176.70	-	175.80	
	AZIMUTH:	282.40	-	284.30	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	175.80	-	172.00	
	AZIMUTH:	284.30	-	292.60	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	172.00	-	170.30	
	AZIMUTH:	292.60	-	303.70	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	170.30	-	170.00	
	AZIMUTH:	303.70	-	305.60	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	170.00	-	171.20	
	AZIMUTH:	305.60	-	304.10	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	171.20	-	171.40	
	AZIMUTH:	304.10	-	301.60	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	171.40	-	171.20	
	AZIMUTH:	301.60	-	302.00	

BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	171.20	-	170.60	
	AZIMUTH:	302.00	-	301.10	
BOREHOLE SECTION 12 --	DEPTH:	335.30	-	365.80	METERS
	ZENITH ANG:	170.60	-	169.00	
	AZIMUTH:	301.10	-	302.00	
BOREHOLE SECTION 13 --	DEPTH:	365.80	-	396.20	METERS
	ZENITH ANG:	169.00	-	168.70	
	AZIMUTH:	302.00	-	303.30	
BOREHOLE SECTION 14 --	DEPTH:	396.20	-	426.70	METERS
	ZENITH ANG:	168.70	-	168.00	
	AZIMUTH:	303.30	-	300.40	
BOREHOLE SECTION 15 --	DEPTH:	426.70	-	457.20	METERS
	ZENITH ANG:	168.00	-	171.20	
	AZIMUTH:	300.40	-	304.70	
BOREHOLE SECTION 16 --	DEPTH:	457.20	-	487.70	METERS
	ZENITH ANG:	171.20	-	169.70	
	AZIMUTH:	304.70	-	308.40	
BOREHOLE SECTION 17 --	DEPTH:	487.70	-	518.20	METERS
	ZENITH ANG:	169.70	-	169.40	
	AZIMUTH:	308.40	-	312.60	
BOREHOLE SECTION 18 --	DEPTH:	518.20	-	548.60	METERS
	ZENITH ANG:	169.40	-	165.70	
	AZIMUTH:	312.60	-	314.90	
BOREHOLE SECTION 19 --	DEPTH:	548.60	-	579.10	METERS
	ZENITH ANG:	165.70	-	162.20	
	AZIMUTH:	314.90	-	315.80	
BOREHOLE SECTION 20 --	DEPTH:	579.10	-	609.60	METERS
	ZENITH ANG:	162.20	-	161.50	
	AZIMUTH:	315.80	-	315.50	
BOREHOLE SECTION 21 --	DEPTH:	609.60	-	640.10	METERS
	ZENITH ANG:	161.50	-	161.30	
	AZIMUTH:	315.50	-	315.60	
BOREHOLE SECTION 22 --	DEPTH:	640.10	-	670.60	METERS
	ZENITH ANG:	161.30	-	160.10	
	AZIMUTH:	315.60	-	320.20	
BOREHOLE SECTION 23 --	DEPTH:	670.60	-	701.00	METERS
	ZENITH ANG:	160.10	-	162.50	
	AZIMUTH:	320.20	-	321.70	
BOREHOLE SECTION 24 --	DEPTH:	701.00	-	731.50	METERS
	ZENITH ANG:	162.50	-	161.40	

	AZIMUTH:	321.70 -	322.30	
BOREHOLE SECTION 25 --	DEPTH:	731.50 -	762.00	METERS
	ZENITH ANG:	161.40 -	160.80	
	AZIMUTH:	322.30 -	319.40	
BOREHOLE SECTION 26 --	DEPTH:	762.00 -	792.50	METERS
	ZENITH ANG:	160.80 -	162.00	
	AZIMUTH:	319.40 -	319.90	
BOREHOLE SECTION 27 --	DEPTH:	792.50 -	807.70	METERS
	ZENITH ANG:	162.00 -	162.00	
	AZIMUTH:	319.90 -	319.90	

FINISHED -- BOREHOLE LENGTH = 807.70 METERS
FILE SIZE = 494

****
* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
3.6	L	01 #									3.6	-.0	-.0	179.8	349.1
3.6	S				F2	S					3.6	-.0	-.0	179.8	349.1
6.2	S				CS2				78.	185.	6.2	-.0	-.0	179.7	341.2
11.3	S				CS2				80.	185.	11.3	-.0	-.0	179.4	325.7
15.6	S				F2	E			78.	185.	15.6	-.0	-.1	179.2	312.6
18.7	S				F2	3					18.7	-.1	-.1	179.1	303.2
20.8	S				CS2				78.	185.	20.8	-.1	-.1	179.0	296.8
23.2	S				F2	S					23.2	-.1	-.2	178.9	289.5
26.0	S				CS2				63.	185.	26.0	-.2	-.2	178.7	281.0
30.5	R										30.5	-.3	-.2	178.5	267.3
31.4	S				F2	Z			84.	185.	31.4	-.3	-.2	178.4	267.6
35.6	S				CS2				84.	185.	35.6	-.4	-.2	178.2	269.0
38.8	S				F2	3					38.8	-.6	-.2	178.0	270.0
42.0	S				CS2				85.	185.	42.0	-.7	-.2	177.9	271.0
47.9	S				CS2				78.	185.	47.9	-.9	-.2	177.5	272.9
50.4	S				F2	E					50.4	-1.0	-.2	177.4	273.8
53.0	S				CS2				54.	185.	53.0	-1.1	-.2	177.2	274.6
57.0	S				CS2				72.	185.	57.0	-1.3	-.1	177.0	275.9
61.0	R										61.0	-1.6	-.1	176.8	277.2
61.7	S				F2	Z					61.7	-1.6	-.1	176.8	277.3
63.0	S				CS2				90.	185.	63.0	-1.7	-.1	176.8	277.5
66.0	S				F2	Z					66.0	-1.8	-.1	176.8	278.1
68.5	S				CS2				72.	185.	68.5	-2.0	-.1	176.8	278.5
72.6	L	02 5B0									72.6	-2.2	-.0	176.8	279.2
73.0	S				CS2				77.	185.	73.0	-2.2	-.0	176.8	279.3
78.8	S				CS2				80.	185.	78.7	-2.5	.0	176.7	280.2
84.4	S				CS2				65.	185.	84.3	-2.9	.1	176.7	281.2
88.6	S				F2	3					88.5	-3.1	.1	176.7	281.9
90.3	S				CS2				70.	185.	90.2	-3.2	.2	176.7	282.2

****
* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
91.4	R										91.3	-3.2	.2	176.7	282.4
94.1	S				F2	E					94.0	-3.4	.2	176.6	282.6
95.0	S				CS2				63.	185.	94.9	-3.5	.2	176.6	282.6
101.0	S				CS2				65.	185.	100.9	-3.8	.3	176.4	283.0
101.9	S				F2	3					101.8	-3.9	.3	176.4	283.1
107.0	S				CS2				80.	185.	106.9	-4.2	.4	176.2	283.4
113.0	S				CS2				64.	185.	112.9	-4.6	.5	176.1	283.7
116.8	S				CS2				67.	185.	116.7	-4.8	.5	176.0	284.0
120.0	S				CS2				75.	185.	119.9	-5.1	.6	175.9	284.2
121.9	R										121.8	-5.2	.6	175.8	284.3
122.2	S				F2	S					122.1	-5.2	.6	175.8	284.4
129.9	L	03 SB6									129.7	-5.8	.8	174.8	286.5
130.0	S				CS2				78.	185.	129.8	-5.8	.8	174.8	286.5
135.7	S				F2	S					135.5	-6.4	1.0	174.1	288.1
136.2	S				CS2				70.	185.	136.0	-6.4	1.0	174.0	288.2
139.6	S				CS2				70.	185.	139.4	-6.8	1.1	173.6	289.1
145.7	S				F2	E			78.	185.	145.4	-7.4	1.4	172.8	290.8
151.5	S				CS2				75.	185.	151.2	-8.1	1.6	172.1	292.4
152.4	R										152.1	-8.3	1.7	172.0	292.6
154.7	S				F2	3			85.	185.	154.4	-8.5	1.8	171.9	293.4
159.0	S				F2	S					158.6	-9.1	2.1	171.6	295.0
160.6	S				PS2				80.	185.	160.2	-9.3	2.2	171.5	295.6
161.6	L	04 SB0									161.2	-9.5	2.2	171.5	295.9
163.4	L	05 SB6									163.0	-9.7	2.3	171.4	296.6
164.8	S				F2	S					164.3	-9.9	2.4	171.3	297.1
165.2	S				CS2				71.	185.	164.7	-9.9	2.5	171.3	297.3
170.0	S				CS2				82.	185.	169.5	-10.6	2.8	171.0	299.0
175.9	S				CS2				70.	185.	175.3	-11.4	3.3	170.7	301.2
179.4	S				CS2				64.	185.	178.8	-11.9	3.6	170.5	302.4
182.9	R										182.2	-12.4	3.9	170.3	303.7
185.0	S				CS2				75.	185.	184.3	-12.7	4.1	170.3	303.8
191.0	S				CS2				75.	185.	190.2	-13.5	4.7	170.2	304.2
193.0	S				F2	E					192.2	-13.8	4.9	170.2	304.3
195.1	S				CS2				75.	185.	194.2	-14.1	5.1	170.2	304.5

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* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
197.0	S				F2	3					196.1	-14.4	5.2	170.2	304.6
200.0	S				CS2				84.	185.	199.1	-14.8	5.5	170.1	304.8
202.8	S				F2	E					201.8	-15.2	5.8	170.1	304.9
205.0	S				CS2				79.	185.	204.0	-15.5	6.0	170.1	305.1
209.5	S				F2	3			88.	185.	208.4	-16.1	6.5	170.0	305.4
213.4	R										212.3	-16.7	6.9	170.0	305.6
215.4	S				CS2				80.	185.	214.2	-16.9	7.1	170.1	305.5
218.9	S				F2	E					217.7	-17.4	7.4	170.2	305.3
221.2	S				CS2				80.	185.	219.9	-17.8	7.6	170.3	305.2
225.0	S				CS2				80.	185.	223.7	-18.3	8.0	170.5	305.0
230.2	S				CS2				90.	185.	228.8	-19.0	8.5	170.7	304.8
231.7	L	06 5B0									230.3	-19.2	8.6	170.7	304.7
232.4	L	07 5B2									231.0	-19.3	8.7	170.8	304.7
233.5	S				F2	3					232.1	-19.4	8.8	170.8	304.6
234.0	S				CS2				80.	185.	232.6	-19.5	8.8	170.8	304.6
240.0	S				CS2				80.	185.	238.5	-20.3	9.4	171.1	304.3
243.8	S				F2	E					242.3	-20.7	9.7	171.2	304.1
243.8	R										242.3	-20.7	9.7	171.2	304.1
245.0	S				CS2				73.	185.	243.4	-20.9	9.8	171.2	304.0
246.2	S				F2	3					244.6	-21.0	9.9	171.2	303.9
249.0	S				CS2				75.	185.	247.4	-21.4	10.2	171.2	303.7
255.0	S				CS2				80.	185.	253.3	-22.2	10.7	171.3	303.2
261.0	S				CS2				67.	185.	259.3	-22.9	11.1	171.3	302.7
265.3	S				CS2				75.	185.	263.5	-23.5	11.5	171.3	302.3
266.3	L	08 5B0									264.5	-23.6	11.6	171.3	302.3
269.3	L	09 5DB									267.5	-24.0	11.8	171.4	302.0
269.7	L	10 5C3									267.9	-24.0	11.8	171.4	302.0
270.3	S				CS2				90.	185.	268.4	-24.1	11.9	171.4	301.9
272.7	L	11 5DB									270.8	-24.4	12.1	171.4	301.7
274.3	R										272.4	-24.6	12.2	171.4	301.6
276.3	S				CS2				75.	185.	274.4	-24.9	12.4	171.4	301.6
280.0	S				CS2				75.	185.	278.0	-25.3	12.7	171.4	301.7
284.1	L	12 5B7									282.1	-25.9	13.0	171.3	301.7
285.6	S				CS2				80.	185.	283.6	-26.1	13.1	171.3	301.7
291.7	S				CS2				82.	185.	289.6	-26.8	13.6	171.3	301.8
293.0	S				F2	E					290.9	-27.0	13.7	171.3	301.8

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* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
295.3	S				CS2				82.	185.	293.2	-27.3	13.9	171.3	301.9
296.4	L	13 587									294.3	-27.5	14.0	171.3	301.9
297.9	S				F2	3					295.7	-27.6	14.1	171.2	301.9
300.8	S				CS2				80.	185.	298.6	-28.0	14.3	171.2	301.9
304.0	S				CS2				78.	185.	301.8	-28.4	14.6	171.2	302.0
304.5	S				F2	S					302.3	-28.5	14.6	171.2	302.0
304.8	R										302.6	-28.5	14.6	171.2	302.0
306.9	L	14 587									304.6	-28.8	14.8	171.2	301.9
310.1	S				F2	S			90.	185.	307.8	-29.2	15.1	171.1	301.8
312.5	L	15 587									310.2	-29.5	15.3	171.0	301.8
314.8	L	16 58D									312.4	-29.9	15.5	171.0	301.7
315.0	S				CS2				72.	185.	312.6	-29.9	15.5	171.0	301.7
319.1	S				CS2				82.	185.	316.7	-30.4	15.8	170.9	301.6
320.0	L	17 5D6									317.6	-30.5	15.9	170.9	301.6
322.5	S				F2	E					320.0	-30.9	16.1	170.9	301.5
325.2	S				CS2				79.	185.	322.7	-31.3	16.3	170.8	301.4
327.0	L	18 587									324.5	-31.5	16.5	170.8	301.3
331.3	S				CS2				87.	185.	328.7	-32.1	16.8	170.7	301.2
332.0	S				F2						329.4	-32.2	16.9	170.7	301.2
335.0	S				CS2				80.	185.	332.4	-32.6	17.1	170.6	301.1
335.3	R										332.7	-32.6	17.2	170.6	301.1
340.4	S				CS2				84.	185.	337.7	-33.4	17.6	170.3	301.3
346.4	S				CS2				75.	185.	343.6	-34.2	18.1	170.0	301.4
349.2	S				F2	M			80.	185.	346.4	-34.7	18.4	169.9	301.5
355.0	S				CS2				90.	185.	352.1	-35.5	18.9	169.6	301.7
358.7	L	19 5D8									355.7	-36.1	19.3	169.4	301.8
359.0	S				F2	S					356.0	-36.2	19.3	169.4	301.8
361.8	S				CS2				82.	185.	358.8	-36.6	19.6	169.2	301.9
365.8	R										362.7	-37.3	20.0	169.0	302.0
368.3	S				CS2				72.	185.	365.1	-37.7	20.2	169.0	302.1
374.0	S				CS2				65.	185.	370.7	-38.6	20.8	168.9	302.4
380.0	S				CS2				67.	185.	376.6	-39.6	21.4	168.9	302.6
381.6	L	20 587									378.2	-39.8	21.6	168.8	302.7
381.6	S				F2	S					378.2	-39.8	21.6	168.8	302.7

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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
396.2	R										392.5	-42.2	23.2	168.7	303.3
413.2	L	21 0C0									409.2	-45.1	25.0	168.3	301.7
413.2	S				F2	S					409.2	-45.1	25.0	168.3	301.7
413.4	S				CS2				82.	185.	409.4	-45.1	25.0	168.3	301.7
419.3	S				CS2				75.	185.	415.1	-46.1	25.6	168.2	301.1
423.3	S				F2	E					419.1	-46.8	26.1	168.1	300.7
425.8	S				CS2				74.	185.	421.5	-47.3	26.3	168.0	300.5
426.7	R										422.4	-47.4	26.4	168.0	300.4
431.3	S				CS2				68.	185.	426.9	-48.2	26.9	168.5	301.0
436.6	S				CS2				73.	185.	432.1	-49.1	27.4	169.0	301.8
439.7	S				F2	E					435.1	-49.6	27.7	169.4	302.2
442.3	S				CS2				72.	185.	437.7	-50.0	28.0	169.6	302.6
448.5	S				CS2				80.	185.	443.8	-50.9	28.6	170.3	303.5
454.8	S				CS2				67.	185.	450.0	-51.8	29.2	170.9	304.4
457.2	R										452.4	-52.1	29.4	171.2	304.7
457.3	S				F2	Z					452.5	-52.1	29.4	171.2	304.7
458.1	S				F2	Z					453.3	-52.2	29.4	171.2	304.8
459.3	S				CS2				75.	185.	454.5	-52.3	29.5	171.1	305.0
465.3	S				F2	3			80.	185.	460.4	-53.1	30.1	170.8	305.7
471.5	S				CS2				81.	185.	466.5	-53.9	30.7	170.5	306.4
477.6	S				CS2				80.	185.	472.5	-54.7	31.3	170.2	307.2
483.7	S				CS2				83.	185.	478.5	-55.6	31.9	169.9	307.9
487.7	R										482.5	-56.1	32.4	169.7	308.4
489.5	S				CS2				80.	185.	484.2	-56.4	32.6	169.7	308.6
495.6	S				CS2				80.	185.	490.2	-57.2	33.3	169.6	309.5
501.7	S				CS2				81.	185.	496.2	-58.1	34.0	169.6	310.3
507.3	L	22 5B7									501.7	-58.9	34.6	169.5	311.1
508.1	S				CS2				75.	185.	502.5	-59.0	34.7	169.5	311.2
508.7	L	23 5A3									503.1	-59.0	34.8	169.5	311.3
512.6	L	24 4L7									506.9	-59.6	35.3	169.5	311.8
514.2	S				CS2				70.	185.	508.5	-59.8	35.5	169.4	312.0
515.6	L	25 4E0									509.9	-60.0	35.7	169.4	312.2
516.4	L	26 5A7									510.7	-60.1	35.8	169.4	312.4

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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
518.2	R										512.4	-60.3	36.0	169.4	312.6
520.6	S				CS2				80.	185.	514.8	-60.7	36.3	169.1	312.8
522.1	S				F2	E					516.3	-60.9	36.5	168.9	312.9
524.0	S				F2	3					518.1	-61.2	36.7	168.7	313.0
526.0	S				CS2				78.	185.	520.1	-61.4	37.0	168.5	313.2
526.8	L	27 5D3									520.9	-61.6	37.1	168.4	313.3
527.2	S				F2	E					521.3	-61.6	37.2	168.3	313.3
528.5	S				F2	3					522.6	-61.8	37.3	168.1	313.4
532.5	S				CS2				66.	185.	526.5	-62.4	37.9	167.7	313.7
535.9	L	28 5B7									529.8	-63.0	38.4	167.2	313.9
538.6	S				CS2				72.	185.	532.4	-63.4	38.8	166.9	314.1
539.9	S				F2	E					533.7	-63.6	39.1	166.8	314.2
541.7	L	29 5B6									535.4	-63.9	39.3	166.5	314.4
543.1	L	30 5B4									536.8	-64.1	39.6	166.4	314.5
544.6	S				CS2				75.	185.	538.2	-64.4	39.8	166.2	314.6
548.6	R										542.1	-65.1	40.5	165.7	314.9
550.6	S				CS2				85.	185.	544.1	-65.4	40.9	165.5	315.0
555.4	S				F2	3					548.7	-66.3	41.7	164.9	315.1
556.6	S				CS2				70.	185.	549.9	-66.5	42.0	164.8	315.1
562.3	L	31 5D3									555.4	-67.6	43.0	164.1	315.3
562.8	S				CS2				68.	185.	555.8	-67.7	43.1	164.1	315.3
568.7	S				CS2				72.	185.	561.5	-68.8	44.3	163.4	315.5
575.1	S				CS2				70.	185.	567.6	-70.2	45.6	162.7	315.7
579.0	L	32 5B6									571.3	-71.0	46.5	162.2	315.8
579.1	R										571.4	-71.0	46.5	162.2	315.8
579.3	S				CS2				62.	185.	571.6	-71.0	46.6	162.2	315.8
580.1	L	33 5A1									572.4	-71.2	46.7	162.2	315.8
580.4	L	34 5D6									572.7	-71.3	46.8	162.2	315.8
581.0	L	35 5A1									573.2	-71.4	46.9	162.2	315.8
581.3	P		2580	1.							573.5	-71.5	47.0	162.1	315.8
581.6	L	36 4E4									573.8	-71.5	47.1	162.1	315.8
582.2	L	37 5A1									574.4	-71.7	47.2	162.1	315.8
584.8	S				CS2				78.	185.	576.9	-72.2	47.8	162.1	315.7
585.0	L	38 5D6									577.1	-72.3	47.8	162.1	315.7
585.6	L	39 5A1									577.6	-72.4	47.9	162.1	315.7
586.2	P		2581	1.							578.2	-72.5	48.1	162.0	315.7

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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
587.9	P		2582	2.					579.8	-72.9	48.4	162.0	315.7
589.4	P		2583	1.					581.2	-73.2	48.8	162.0	315.7
589.9	L	40 4A4							581.7	-73.3	48.9	162.0	315.7
590.5	S				CS2			78. 185.	582.3	-73.4	49.0	161.9	315.7
590.8	P		2584	2.					582.6	-73.5	49.1	161.9	315.7
591.7	L	41 5A1							583.4	-73.7	49.3	161.9	315.7
592.7	P		2583	2.					584.4	-73.9	49.5	161.9	315.7
594.7	P		2586	2.					586.3	-74.4	50.0	161.8	315.6
595.0	S				CS2			68. 185.	586.6	-74.4	50.0	161.8	315.6
596.6	P		2587	2.					588.1	-74.8	50.4	161.8	315.6
597.6	L	42 4A4							589.0	-75.0	50.6	161.8	315.6
598.1	P		2588	1.					589.5	-75.1	50.7	161.8	315.6
598.6	L	43 4A0							590.0	-75.2	50.8	161.8	315.6
599.8	L	44 5DE							591.1	-75.5	51.1	161.7	315.6
600.0	S				CS2			63. 185.	591.3	-75.5	51.1	161.7	315.6
601.0	L	45 5A1							592.3	-75.7	51.4	161.7	315.6
601.8	L	46 5D6							593.0	-75.9	51.5	161.7	315.6
603.3	L	47 5A0							594.4	-76.2	51.9	161.6	315.6
605.0	S				CS2			73. 185.	596.1	-76.6	52.3	161.6	315.5
606.5	L	48 5AD							597.5	-76.9	52.6	161.6	315.5
609.6	R								600.4	-77.6	53.3	161.5	315.5
611.0	S				CS2			72. 185.	601.7	-77.9	53.6	161.5	315.5
611.5	S				F2	E			602.2	-78.1	53.7	161.5	315.5
611.8	L	49 5D6							602.5	-78.1	53.8	161.5	315.5
612.7	L	50 5A0							603.4	-78.3	54.0	161.5	315.5
614.0	L	51 5B6							604.6	-78.6	54.3	161.5	315.5
615.0	S				CS2			76. 185.	605.5	-78.8	54.5	161.5	315.5
615.9	L	52 5A1							606.4	-79.0	54.7	161.5	315.5
617.6	L	53 4L7							608.0	-79.4	55.1	161.4	315.5
618.5	S				F2	E			608.9	-79.6	55.3	161.4	315.5
620.0	S				CS2			88. 185.	610.3	-80.0	55.7	161.4	315.5
621.8	L	54 5B6							612.0	-80.4	56.1	161.4	315.5
622.2	L	55 5A0							612.4	-80.4	56.2	161.4	315.5
625.1	S				CS2			79. 185.	615.1	-81.1	56.8	161.4	315.6
626.9	L	56 4L7							616.8	-81.5	57.2	161.4	315.6
628.1	S				F2	3			618.0	-81.8	57.5	161.4	315.6
630.0	S				CS2			71. 185.	619.8	-82.2	57.9	161.4	315.6
632.6	L	57 5B6							622.2	-82.8	58.5	161.3	315.6
635.0	S				CS2			77. 185.	624.5	-83.3	59.1	161.3	315.6
636.8	L	58 4L7							626.2	-83.7	59.5	161.3	315.6

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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
687.0	P		2710	1.							673.5	-94.6	71.9	161.4	321.0
687.6	L	67 4EA									674.2	-94.8	72.0	161.4	321.0
688.1	P		2711	1.							674.6	-94.9	72.2	161.5	321.1
689.6	P		2712	2.							676.0	-95.2	72.5	161.6	321.1
690.5	L	68 4EC									676.9	-95.3	72.8	161.7	321.2
691.5	P		2713	2.							677.9	-95.5	73.0	161.8	321.2
691.8	S				PS2				79.	185.	678.1	-95.6	73.1	161.8	321.2
693.5	P		2714	2.							679.8	-95.9	73.5	161.9	321.3
694.6	S				F2	S					680.8	-96.1	73.8	162.0	321.4
695.5	P		2715	2.							681.7	-96.3	74.0	162.1	321.4
697.0	P		2716	1.							683.1	-96.6	74.3	162.2	321.5
697.8	S				CS2				75.	185.	683.9	-96.7	74.5	162.2	321.5
698.2	P		2717	1.							684.2	-96.8	74.6	162.3	321.6
698.9	L	69 4D0									684.9	-97.0	74.8	162.3	321.6
699.9	P		2718	2.							685.9	-97.1	75.0	162.4	321.6
701.0	R										686.9	-97.4	75.3	162.5	321.7
701.6	P		2719	1.							687.4	-97.5	75.4	162.5	321.7
702.2	L	70 4A0									688.0	-97.6	75.6	162.5	321.7
703.1	S				CS2				75.	185.	688.9	-97.7	75.8	162.4	321.7
703.9	L	71 5A1									689.7	-97.9	76.0	162.4	321.8
704.6	P		2720	2.							690.4	-98.0	76.2	162.4	321.8
705.4	L	72 4A4									691.1	-98.2	76.3	162.3	321.8
705.9	L	73 5A1									691.6	-98.3	76.5	162.3	321.8
707.9	S				CS2				87.	185.	693.5	-98.6	76.9	162.3	321.8
708.3	S				F2	E					693.9	-98.7	77.0	162.2	321.8
709.7	L	74 5D3									695.2	-99.0	77.4	162.2	321.9
712.9	S				CS2				85.	185.	698.2	-99.6	78.1	162.1	321.9
716.2	S				F2	Z					701.4	-100.2	78.9	162.0	322.0
716.9	S				PS2				83.	185.	702.0	-100.4	79.1	161.9	322.0
717.0	L	75 5B0									702.1	-100.4	79.1	161.9	322.0
718.1	L	76 5D3									703.2	-100.6	79.4	161.9	322.0
721.1	S				PS2				80.	185.	706.0	-101.2	80.1	161.8	322.1
725.1	S				PS2				67.	185.	709.8	-101.9	81.1	161.6	322.2
725.3	S				F2	Z					710.0	-102.0	81.2	161.6	322.2
730.6	S				CS2				73.	185.	715.0	-103.0	82.5	161.4	322.3

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COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	S1 SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
731.5	R										715.9	-103.2	82.7	161.4	322.3
733.3	S				F2	3					717.6	-103.5	83.2	161.4	322.1
735.9	S				CS2				73.	185.	720.1	-104.0	83.8	161.3	321.9
736.6	S				F2	Z					720.7	-104.2	84.0	161.3	321.8
740.1	S				CS2				70.	185.	724.0	-104.9	84.9	161.2	321.5
743.2	L	77 3G0									727.0	-105.5	85.7	161.2	321.2
745.0	S				CS2				76.	185.	728.7	-105.9	86.1	161.1	321.0
750.5	S				CS2				80.	185.	733.9	-107.0	87.5	161.0	320.5
752.8	L	78 3D4									736.1	-107.5	88.1	161.0	320.3
756.0	S				CS2				75.	185.	739.1	-108.1	88.9	160.9	320.0
757.7	L	79 3G0									740.7	-108.5	89.3	160.9	319.8
761.1	S				CS2				73.	185.	743.9	-109.2	90.2	160.8	319.5
762.0	R										744.8	-109.4	90.4	160.8	319.4
762.2	L	80 3D4									744.9	-109.4	90.4	160.8	319.4
764.1	L	81 4L7									746.7	-109.9	90.9	160.9	319.4
765.8	S				F2	3					748.3	-110.2	91.3	160.9	319.5
767.1	S				CS2				84.	185.	749.6	-110.5	91.7	161.0	319.5
771.7	S				F2	E					753.9	-111.5	92.8	161.2	319.6
773.2	S				CS2				75.	185.	755.3	-111.8	93.2	161.2	319.6
776.6	S				F2	3					758.6	-112.5	94.0	161.4	319.6
779.3	S				CS2				80.	185.	761.1	-113.0	94.7	161.5	319.7
785.4	S				CS2				79.	185.	766.9	-114.3	96.1	161.7	319.8
791.6	S				CS2				76.	185.	772.8	-115.5	97.6	162.0	319.9
792.5	R										773.7	-115.7 (115.69)	97.8 (98.08)	162.0	319.9
796.6	S				CS2				80.	185.	777.6	-116.5	98.8	162.0	319.9
797.6	L	82 3D4									778.5	-116.7	99.0	162.0	319.9
800.0	L	83 3F0									780.8	-117.2	99.6	162.0	319.9
802.8	S				CS2				82.	185.	783.5	-117.8	100.2	162.0	319.9
805.0	L	84 4L7									785.6	-118.2	100.8	162.0	319.9
807.6	S				CS2				84.	185.	788.0	-118.7	101.4	162.0	319.9
807.7	L	85 3G0									788.1	-118.7	101.4	162.0	319.9

****
* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
807.7	R										788.1	-118.7	101.4	162.0	319.9

****
* DDH: 78X02GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 320135.0 METERS NORTH: 22647950.0 METERS ELEV: 1066.8 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
581.3	0	258.0	128.0	5.08	12.07	17.15	0.	.02	0.	0.	0.	0.	0.
586.2	1	258.1	49.2	2.50	6.39	8.89	0.	.02	0.	0.	0.	0.	0.
587.9	2	258.2	47.0	2.83	5.56	8.39	0.	.02	0.	0.	0.	0.	0.
589.4	1	258.3	.4	.07	.11	0.	0.	.01	0.	0.	0.	0.	0.
590.8	1	258.4	53.9	3.11	5.86	8.97	0.	.02	0.	0.	0.	0.	0.
592.7	2	258.5	22.1	1.78	4.11	5.89	0.	.04	0.	0.	0.	0.	0.
594.7	2	258.6	11.6	2.17	4.45	6.62	0.	.03	0.	0.	0.	0.	0.
596.6	1	258.7	13.9	2.19	3.86	6.05	0.	.03	0.	0.	0.	0.	0.
598.1	1	258.8	3.3	.42	.93	0.	0.	.03	0.	0.	0.	0.	0.
641.5	2	259.5	37.4	2.14	1.49	0.	0.	.05	0.	0.	0.	0.	0.
643.3	1	259.6	15.6	.69	.78	0.	0.	.05	0.	0.	0.	0.	0.
645.0	2	259.7	22.5	.40	.71	0.	0.	.12	0.	0.	0.	0.	0.
647.0	2	259.8	16.5	.88	1.79	0.	0.	.16	0.	0.	0.	0.	0.
649.0	2	259.9	1.6	.17	.25	0.	0.	.06	0.	0.	0.	0.	0.
651.0	2	260.0	3.0	.27	.52	0.	0.	.06	0.	0.	0.	0.	0.
652.5	1	270.1	6.6	.45	.36	0.	0.	.09	0.	0.	0.	0.	0.
653.5	1	270.2	53.4	3.65	3.14	6.79	0.	.05	0.	0.	0.	0.	0.
654.6	1	270.3	47.6	2.47	5.82	8.29	0.	.02	0.	0.	0.	0.	0.
675.3	2	270.4	68.9	5.77	4.39	10.16	0.	.05	0.	0.	0.	0.	0.
677.3	2	270.5	74.7	6.22	4.20	10.42	0.	.10	0.	0.	0.	0.	0.
679.3	2	270.6	64.3	4.16	4.35	8.51	0.	.18	0.	0.	0.	0.	0.
681.3	2	270.7	55.0	3.34	2.18	5.52	0.	.16	0.	0.	0.	0.	0.
683.3	2	270.8	31.0	1.00	2.32	0.	0.	.26	0.	0.	0.	0.	0.
685.3	2	270.9	79.2	3.00	6.07	9.07	0.	.17	0.	0.	0.	0.	0.
687.0	1	271.0	98.3	4.57	8.72	13.29	0.	.07	0.	0.	0.	0.	0.
688.1	1	271.1	28.0	1.89	2.96	0.	0.	.08	0.	0.	0.	0.	0.
689.6	1	271.2	47.7	2.14	4.34	6.48	0.	.16	0.	0.	0.	0.	0.
691.5	2	271.3	82.0	4.50	8.11	12.61	0.	.06	0.	0.	0.	0.	0.
693.5	2	271.4	58.2	3.81	6.07	9.88	0.	.03	0.	0.	0.	0.	0.
695.5	2	271.5	25.1	1.92	2.25	0.	0.	.03	0.	0.	0.	0.	0.
697.0	1	271.6	22.2	1.68	2.82	0.	0.	.02	0.	0.	0.	0.	0.
698.2	1	271.7	36.1	2.22	4.28	6.50	0.	.01	0.	0.	0.	0.	0.
699.9	2	271.8	65.5	3.92	6.14	10.06	0.	.06	0.	0.	0.	0.	0.
701.6	1	271.9	60.7	3.34	5.83	9.17	0.	.03	0.	0.	0.	0.	0.
704.6	1	272.0	69.5	3.87	6.41	10.28	0.	.09	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 807.70 METERS ENTRIES = 494

```
 STOP FINISHED
SRU'S:70,3
!*
!EQUATE 2 78X2GY,TD
!DEFINE 78X2GY,PF KEY: ON:SPN
!EQUATE 20 78X2GY,PF
!DDHPLT.DH
```

****
* DDH: 78X03G. * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 387
POINTS = 386 MAX DDH DEPTH = 876.3 METERS
MAX TRUE DEPTH = 853.5 METERS

EASTING: -131.1 - 0. METERS
NORTHING: 0. - 120.3 METERS

TYPE C DATA (CONTACTS) ----- 123
TYPE F DATA (PLANES) ------- 146
TYPE P DATA (SAMPLES) ------ 0
TYPE S DATA (SYMMETRY) ----- 54
TYPE X DATA (REF MARKERS) -- 43
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	34.0	01 #	32	159.2	32 5D3	63	320.0	63 5D3	94	548.5	94 5B0
2	39.0	02 5D3	33	161.2	33 5B0	64	333.9	64 5B0	95	553.5	95 5D3
3	39.2	03 5C3	34	161.5	34 5D3	65	335.5	65 5D3	96	556.8	96 5B0
4	39.4	04 5D3	35	166.0	35 5B7	66	346.5	66 5B7	97	566.3	97 5D3
5	44.7	05 5C6	36	177.1	36 5B0	67	365.6	67 5B0	98	573.0	98 5B6
6	46.1	06 5D6	37	177.9	37 5B7	68	404.3	68 5B7	99	590.4	99 5B2
7	47.7	07 5D3	38	189.0	38 5B0	69	404.7	69 5B7	100	603.2	00 5B6
8	50.6	08 5D3	39	189.4	39 5E0	70	408.6	70 5B7	101	605.0	01 5D3
9	55.3	09 5B7	40	190.6	40 5B7	71	416.8	71 5B7	102	616.4	02 5B6
10	55.6	10 5D3	41	190.9	41 5E0	72	418.7	72 5D3	103	620.5	03 5D3
11	59.3	11 5B7	42	193.2	42 5B7	73	424.2	73 5G0	104	637.0	04 5B6
12	60.1	12 5D6	43	193.7	43 5D3	74	427.1	74 5GD	105	637.6	05 5D3
13	74.5	13 5B7	44	201.4	44 5B0	75	432.5	75 5B7	106	644.9	06 5D6
14	75.9	14 5D3	45	202.3	45 5E0	76	441.0	76 5DB	107	673.0	07 5D3
15	79.3	15 5B0	46	230.9	46 5B7	77	450.8	77 5D3	108	674.6	08 5B6
16	82.7	16 5D3	47	231.2	47 5D3	78	452.5	78 5GD	109	688.8	09 5D3
17	87.7	17 5B0	48	233.2	48 5B7	79	457.1	79 5D6	110	690.1	10 5D3
18	93.7	18 5D3	49	235.2	49 5DB	80	458.1	80 5D3	111	691.6	11 5D3
19	95.0	19 5B0	50	239.6	50 5B7	81	471.6	81 5D6	112	697.0	12 5B6
20	98.5	20 5D3	51	248.9	51 5DB	82	472.6	82 5B6	113	699.1	13 5B2
21	104.5	21 5B0	52	254.0	52 0E8	83	478.1	83 5D6	114	706.8	14 5D3
22	104.7	22 5D3	53	277.3	53 0F0	84	480.5	84 5B6	115	711.5	15 5B7
23	106.9	23 5B0	54	280.3	54 0E8	85	482.4	85 5B7	116	713.2	16 5D3
24	107.7	24 5E0	55	285.0	55 5DB	86	487.1	86 5D3	117	724.5	17 5B6
25	108.4	25 5B0	56	292.8	56 5B0	87	494.6	87 5B7	118	725.9	18 5D3
26	108.7	26 5E0	57	300.7	57 5D3	88	499.2	88 5D6	119	803.7	19 5B6
27	130.7	27 5B0	58	301.5	58 5B7	89	500.8	89 5B6	120	843.6	5B6
28	131.5	28 5D3	59	303.9	59 5D3	90	506.6	90 5A0	121	859.7	5B6
29	157.7	29 5B0	60	306.4	60 5B7	91	509.2	91 5DB	122	867.0	4L0

30	158.5	30	5D3	61	311.1	61	5B7	92	527.6	92	5B0	123	876.3	5B6			
31	159.0	31	5B0	62	314.9	62	5B0	93	547.1	93	5D3						

PROGRAM COMMAND: PLOTA,1000,015

```
*************************
*     DDH:  78X03G.     *     START PLOT NUMBER  1
*************************
```

PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 3.25 (INCHES)
Y-AXIS BOREHOLE LENGTH: 33.60 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 876.3 METERS J = 1 - 386

MAX PAPER WIDTH REQUIRED: 37.0 INCHES

***** PLOT NUMBER 1 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,015

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*************************
*     DDH:  78X03G.     *     START PLOT NUMBER  2
*************************
```

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - 3.25 (INCHES)
Y-AXIS BOREHOLE LENGTH: 33.60 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 876.3 METERS J = 1 - 386

MAX PAPER WIDTH REQUIRED: 37.0 INCHES

****
* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
34.1	178.6	349.4						80.	185.	11.3	185.0	-11.2	-.20	-.04
40.6	178.3	345.0						80.	185.	11.6	185.0	-11.4	-.20	-.04
46.2	178.0	341.2						72.	185.	19.8	185.0	-19.5	-.19	-.07
52.2	177.7	337.1						64.	185.	28.0	185.0	-27.6	-.18	-.09
58.0	177.4	333.1						75.	185.	17.1	185.0	-16.9	-.19	-.06
64.2	176.9	330.6						80.	185.	12.4	185.0	-12.2	-.20	-.04
70.4	176.4	329.6						75.	185.	17.8	185.0	-17.5	-.19	-.06
76.8	175.8	328.5						72.	185.	21.2	185.0	-20.9	-.19	-.07
83.1	175.2	327.5						70.	185.	23.6	185.0	-23.3	-.18	-.08
86.1	175.0	327.0						72.	185.	21.7	185.0	-21.4	-.19	-.07
89.0	174.7	326.5						71.	185.	22.9	185.0	-22.6	-.18	-.08
96.6	174.2	326.3						79.	185.	14.9	185.0	-14.7	-.19	-.05
102.8	173.9	326.6						72.	185.	22.4	185.0	-22.1	-.19	-.08
108.8	173.6	326.9						83.	185.	10.8	185.0	-10.7	-.20	-.04
114.0	173.4	327.1						82.	185.	12.1	185.0	-11.9	-.20	-.04
121.0	173.0	327.5						72.	185.	23.1	185.0	-22.8	-.18	-.08
127.0	172.8	327.0						72.	185.	23.1	185.0	-22.8	-.18	-.08
133.3	172.6	326.4						80.	185.	14.7	185.0	-14.5	-.19	-.05
139.3	172.4	325.8						77.	185.	18.0	185.0	-17.7	-.19	-.06
145.4	172.2	325.3						84.	185.	2.7	185.0	-2.6	-.20	-.01
										9.4	185.0	-9.2	-.20	-.03
151.5	172.0	324.7						90.	185.					
157.1	171.8	323.9						47.	185.	48.9	185.0	-48.5	-.13	-.15
161.5	171.5	323.2						73.	185.	22.4	185.0	-22.1	-.19	-.08
166.8	171.2	322.4						76.	185.	19.2	185.0	-18.9	-.19	-.06
172.8	170.9	321.5						82.	185.	1.6	185.0	-1.6	-.20	-.01
										11.6	185.0	-11.5	-.20	-.04
178.9	170.6	320.6						77.	185.	18.0	185.0	-17.7	-.19	-.06
185.0	170.3	319.8						70.	185.	25.7	185.0	-25.4	-.18	-.09
189.6	170.2	319.3						83.	185.	6.9	185.0	-6.8	-.20	-.02
190.5	170.2	319.2						78.	185.	16.6	185.0	-16.4	-.19	-.06
197.2	170.0	318.5						70.	185.	25.6	185.0	-25.3	-.18	-.09
203.3	169.8	317.9						85.	185.					
209.4	169.6	317.2						76.	185.	18.8	185.0	-18.5	-.19	-.06
215.6	169.4	316.9						78.	185.	16.2	185.0	-16.0	-.19	-.06
221.7	169.2	317.1						71.	185.	24.6	185.0	-24.3	-.18	-.08
227.7	169.0	317.3						68.	185.	28.0	185.0	-27.6	-.18	-.09
233.8	168.8	317.5						73.	185.	22.5	185.0	-22.2	-.19	-.08
246.0	168.5	317.8						90.	185.					
282.5	168.7	315.9						74.	185.	21.0	185.0	-20.8	-.19	-.07
288.6	168.9	315.2						81.	185.	4.1	185.0	-4.1	-.20	-.01
										10.3	185.0	-10.2	-.20	-.04

****
* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
291.8	169.0	314.8						70.	185.	25.3	185.0	-25.0	-.18	-.08
294.8	169.1	314.4						78.	185.	15.6	185.0	-15.3	-.19	-.05
300.3	169.3	313.8						78.	185.	15.4	185.0	-15.2	-.19	-.05
304.0	169.4	313.4						72.	185.	22.7	185.0	-22.4	-.18	-.08
309.4	169.5	313.1						63.	185.	32.3	185.0	-31.9	-.17	-.11
314.2	169.5	312.9						72.	185.	22.5	185.0	-22.2	-.19	-.08
322.2	169.6	312.6						76.	185.	17.8	185.0	-17.5	-.19	-.06
328.0	169.7	312.3						90.	185.					
334.1	169.8	312.1						83.	185.					
336.1	169.8	312.0						80.	185.	.3	185.0	-.3	-.20	-.00
										12.0	185.0	-11.8	-.20	-.04
341.0	169.8	312.3						85.	185.					
346.5	169.9	312.6						86.	185.					
349.6	169.9	312.7						83.	185.					
355.8	169.9	313.0						75.	185.	19.0	185.0	-18.8	-.19	-.06
361.8	170.0	313.3						81.	185.	1.8	185.0	-1.8	-.20	-.01
										10.7	185.0	-10.5	-.20	-.04
368.0	169.9	313.5						75.	185.	19.1	185.0	-18.9	-.19	-.06
373.6	169.8	313.3						76.	185.	17.9	185.0	-17.6	-.19	-.06
377.4	169.7	313.3						81.	185.	2.4	185.0	-2.4	-.20	-.01
										10.4	185.0	-10.3	-.20	-.04
379.8	169.7	313.2						85.	185.					
383.0	169.6	313.2						83.	185.					
389.2	169.5	313.0						82.	185.					
393.5	169.4	313.0						82.	185.					
395.2	169.3	312.9						75.	185.	19.1	185.0	-18.8	-.19	-.06
403.5	169.3	314.0						73.	185.	21.7	185.0	-21.4	-.19	-.07
407.6	169.4	314.5						83.	185.					
413.7	169.4	315.4						65.	185.	30.7	185.0	-30.3	-.17	-.10
418.2	169.4	316.1						67.	185.	28.7	185.0	-28.3	-.18	-.09
422.7	169.5	316.7						60.	185.	36.1	185.0	-35.7	-.16	-.12
428.8	169.5	317.2						77.	185.	17.6	185.0	-17.3	-.19	-.06
431.9	169.6	317.0						77.	185.	17.5	185.0	-17.3	-.19	-.06
434.9	169.6	316.9						78.	185.	16.2	185.0	-16.0	-.19	-.06
441.0	169.7	316.6						86.	185.					
447.1	169.8	316.3						82.	185.	4.4	185.0	-4.3	-.20	-.02
										9.1	185.0	-9.0	-.20	-.03
450.3	169.9	316.1						87.	185.					
454.7	170.0	315.9						76.	185.	18.4	185.0	-18.2	-.19	-.06
459.3	169.9	315.8						80.	185.	.1	185.0	-.1	-.20	-.00
										13.1	185.0	-12.9	-.19	-.04

****
* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
465.4	169.7	315.8						73.	185.	21.9	185.0	-21.6	-.19	-.07
471.4	169.5	315.8						78.	185.	15.9	185.0	-15.7	-.19	-.05
477.6	169.3	315.9						76.	185.	18.5	185.0	-18.3	-.19	-.06
480.5	169.2	315.9						75.	185.	19.8	185.0	-19.5	-.19	-.07
483.7	169.1	315.9						77.	185.	17.3	185.0	-17.0	-.19	-.06
489.1	169.0	316.3						83.	185.					
492.9	168.8	317.3						82.	185.					
495.9	168.7	318.1						77.	185.	17.9	185.0	-17.6	-.19	-.06
502.0	168.5	319.8						75.	185.	20.8	185.0	-20.5	-.19	-.07
508.7	168.3	321.6						68.	185.	29.1	185.0	-28.7	-.18	-.10
514.2	168.1	323.1						84.	185.					
520.2	168.0	324.8						79.	185.	1.4	185.0	-1.3	-.20	-.00
										17.1	185.0	-16.8	-.19	-.06
526.1	168.0	326.6						85.	185.					
532.0	168.0	328.5						76.	185.	21.8	185.0	-21.5	-.19	-.07
538.6	168.0	330.5						76.	185.	22.2	185.0	-21.9	-.19	-.07
544.7	168.0	332.4						70.	185.	29.1	185.0	-28.8	-.18	-.10
550.7	167.9	333.1						90.	185.					
556.6	167.5	331.9						88.	185.					
562.9	167.1	330.5						80.	185.	3.8	185.0	-3.7	-.20	-.01
										17.6	185.0	-17.3	-.19	-.06
569.0	166.7	329.2						90.	185.					
573.9	166.3	328.1						65.	185.	34.7	185.0	-34.3	-.17	-.11
580.2	165.9	326.9						85.	185.					
586.5	165.4	326.3						77.	185.	2.1	185.0	-2.1	-.20	-.01
										20.8	185.0	-20.6	-.19	-.07
594.4	164.8	325.6						81.	185.					
597.2	164.6	325.3						70.	185.	29.5	185.0	-29.1	-.17	-.10
602.7	164.1	324.8						80.	185.					
608.3	163.7	324.3						67.	185.	33.1	185.0	-32.7	-.17	-.11
614.5	163.3	323.5						76.	185.	3.9	185.0	-3.9	-.20	-.01
										21.4	185.0	-21.1	-.19	-.07
620.9	163.0	322.5						65.	185.	35.1	185.0	-34.7	-.16	-.11
626.8	162.7	321.6						75.	185.	3.4	185.0	-3.4	-.20	-.01
										22.1	185.0	-21.8	-.19	-.07
633.1	162.4	320.7						85.	185.					
639.1	162.1	319.8						80.	185.					
645.2	162.0	319.0						77.	185.	10.7	185.0	-10.5	-.20	-.04
										14.7	185.0	-14.5	-.19	-.05
648.4	162.0	318.7						80.	185.					
654.4	162.0	318.1						75.	185.	5.0	185.0	-5.0	-.20	-.02
										20.0	185.0	-19.7	-.19	-.07

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* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
660.5	162.0	317.4						80.	185.					
666.5	162.0	316.7						75.	185.	5.3	185.0	-5.2	-.20	-.02
										19.1	185.0	-18.8	-.19	-.06
672.9	161.9	316.0						80.	185.					
678.8	161.8	315.2						78.	185.					
684.2	161.7	314.5						85.	185.					
690.8	161.5	313.6						76.	185.					
696.0	161.4	313.0						80.	185.					
701.9	161.3	312.2						85.	185.					
708.2	161.5	311.1						75.	185.	9.1	185.0	-8.9	-.20	-.03
										13.3	185.0	-13.1	-.19	-.05
714.5	161.6	310.1						77.	185.					
720.5	161.7	309.1						60.	185.	36.8	185.0	-36.3	-.16	-.12
726.2	161.9	308.2						72.	185.	.2	185.0	-.2	-.20	-.00
										20.1	185.0	-19.8	-.19	-.07
733.6	162.0	306.9						72.	185.	.0	185.0	-.0	-.20	-.00
										19.5	185.0	-19.2	-.19	-.07
739.8	161.9	305.8						65.	185.	29.4	185.0	-29.0	-.17	-.10
745.7	161.8	304.7						70.	185.	21.7	185.0	-21.4	-.19	-.07
750.5	161.7	303.9						70.	185.	21.3	185.0	-21.0	-.19	-.07
754.8	161.6	303.1						75.	185.					
758.0	161.6	302.5						72.	185.	.9	185.0	-.9	-.20	-.00
										16.6	185.0	-16.3	-.19	-.06
764.0	161.5	301.3						79.	185.					
770.5	161.4	299.8						76.	185.					
776.3	161.3	298.4						78.	185.					
782.4	161.2	296.9						65.	185.	25.5	185.0	-25.1	-.18	-.08
788.5	161.1	295.5						70.	185.	16.4	185.0	-16.1	-.19	-.06
794.6	161.0	294.0						77.	185.					
800.7	161.0	292.6						60.	185.	30.3	185.0	-29.9	-.17	-.10
806.0	161.0	291.4						72.	185.					
816.0	161.0	289.1						68.	185.	17.1	185.0	-16.8	-.19	-.06
822.6	161.0	287.6						87.	185.					
828.8	161.1	286.8						63.	185.	24.0	185.0	-23.7	-.18	-.08
835.0	161.2	286.1						68.	185.	16.0	185.0	-15.7	-.19	-.05
842.1	161.3	285.2						76.	185.					
848.8	161.4	284.4						62.	185.	24.7	185.0	-24.3	-.18	-.08
854.5	161.5	283.9						68.	185.	15.4	185.0	-15.2	-.19	-.05
860.7	161.5	283.9						85.	185.					
867.0	161.5	283.9						72.	185.					
873.2	161.5	283.9						85.	185.					

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 78X03G. * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -6.21 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 33.60 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 876.3 METERS J = 1 - 386

MAX PAPER WIDTH REQUIRED: 37.0 INCHES

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* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
34.1	178.6	349.4					80. 185.	11.3	185.0	2.0	.20	.01
40.6	178.3	345.0					80. 185.	11.6	185.0	2.0	.20	.01
46.2	178.0	341.2					72. 185.	19.8	185.0	3.6	.20	.01
52.2	177.7	337.1					64. 185.	28.0	185.0	5.3	.20	.02
58.0	177.4	333.1					75. 185.	17.1	185.0	3.1	.20	.01
64.2	176.9	330.6					80. 185.	12.4	185.0	2.2	.20	.01
70.4	176.4	329.6					75. 185.	17.8	185.0	3.2	.20	.01
76.8	175.8	328.5					72. 185.	21.2	185.0	3.9	.20	.01
83.1	175.2	327.5					70. 185.	23.6	185.0	4.3	.20	.02
86.1	175.0	327.0					72. 185.	21.7	185.0	4.0	.20	.01
89.0	174.7	326.5					71. 185.	22.9	185.0	4.2	.20	.01
96.6	174.2	326.3					79. 185.	14.9	185.0	2.7	.20	.01
102.8	173.9	326.6					72. 185.	22.4	185.0	4.1	.20	.01
108.8	173.6	326.9					83. 185.	10.8	185.0	1.9	.20	.01
114.0	173.4	327.1					82. 185.	12.1	185.0	2.1	.20	.01
121.0	173.0	327.5					72. 185.	23.1	185.0	4.2	.20	.01
127.0	172.8	327.0					72. 185.	23.1	185.0	4.2	.20	.01
133.3	172.6	326.4					80. 185.	14.7	185.0	2.6	.20	.01
139.3	172.4	325.8					77. 185.	18.0	185.0	3.2	.20	.01
145.4	172.2	325.3					84. 185.	2.7	185.0	.5	.20	.00
								9.4	185.0	1.6	.20	.01
151.5	172.0	324.7					90. 185.					
157.1	171.8	323.9					47. 185.	48.9	185.0	11.3	.20	.04
161.5	171.5	323.2					73. 185.	22.4	185.0	4.1	.20	.01
166.8	171.2	322.4					76. 185.	19.2	185.0	3.5	.20	.01
172.8	170.9	321.5					82. 185.	1.6	185.0	.3	.20	.00
								11.6	185.0	2.0	.20	.01
178.9	170.6	320.6					77. 185.	18.0	185.0	3.2	.20	.01
185.0	170.3	319.8					70. 185.	25.7	185.0	4.8	.20	.02
189.6	170.2	319.3					83. 185.	6.9	185.0	1.2	.20	.00
190.5	170.2	319.2					78. 185.	16.6	185.0	3.0	.20	.01
197.2	170.0	318.5					70. 185.	25.6	185.0	4.8	.20	.02
203.3	169.8	317.9					85. 185.					
209.4	169.6	317.2					76. 185.	18.8	185.0	3.4	.20	.01
215.6	169.4	316.9					78. 185.	16.2	185.0	2.9	.20	.01
221.7	169.2	317.1					71. 185.	24.6	185.0	4.5	.20	.02
227.7	169.0	317.3					68. 185.	28.0	185.0	5.3	.20	.02
233.8	168.8	317.5					73. 185.	22.5	185.0	4.1	.20	.01
246.0	168.5	317.8					90. 185.					
282.5	168.7	315.9					74. 185.	21.0	185.0	3.8	.20	.01
288.6	168.9	315.2					81. 185.	4.1	185.0	.7	.20	.00
								10.3	185.0	1.8	.20	.01

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* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
291.8	169.0	314.8						70.	185.	25.3	185.0	4.7	.20	.02
294.8	169.1	314.4						78.	185.	15.6	185.0	2.8	.20	.01
300.3	169.3	313.8						78.	185.	15.4	185.0	2.7	.20	.01
304.0	169.4	313.4						72.	185.	22.7	185.0	4.1	.20	.01
309.4	169.5	313.1						63.	185.	32.3	185.0	6.3	.20	.02
314.2	169.5	312.9						72.	185.	22.5	185.0	4.1	.20	.01
322.2	169.6	312.6						76.	185.	17.8	185.0	3.2	.20	.01
328.0	169.7	312.3						90.	185.					
334.1	169.8	312.1						83.	185.					
336.1	169.8	312.0						80.	185.	.3	185.0	.1	.20	.00
										12.0	185.0	2.1	.20	.01
341.0	169.8	312.3						85.	185.					
346.5	169.9	312.6						86.	185.					
349.6	169.9	312.7						83.	185.					
355.8	169.9	313.0						75.	185.	19.0	185.0	3.4	.20	.01
361.8	170.0	313.3						81.	185.	1.8	185.0	.3	.20	.00
										10.7	185.0	1.9	.20	.01
368.0	169.9	313.5						75.	185.	19.1	185.0	3.4	.20	.01
373.6	169.8	313.3						76.	185.	17.9	185.0	3.2	.20	.01
377.4	169.7	313.3						81.	185.	2.4	185.0	.4	.20	.00
										10.4	185.0	1.8	.20	.01
379.8	169.7	313.2						85.	185.					
383.0	169.6	313.2						83.	185.					
389.2	169.5	313.0						82.	185.					
393.5	169.4	313.0						82.	185.					
395.2	169.3	312.9						75.	185.	19.1	185.0	3.4	.20	.01
403.5	169.3	314.0						73.	185.	21.7	185.0	3.9	.20	.01
407.6	169.4	314.5						83.	185.					
413.7	169.4	315.4						65.	185.	30.7	185.0	5.9	.20	.02
418.2	169.4	316.1						67.	185.	28.7	185.0	5.4	.20	.02
422.7	169.5	316.7						60.	185.	36.1	185.0	7.2	.20	.03
428.8	169.5	317.2						77.	185.	17.6	185.0	3.1	.20	.01
431.9	169.6	317.0						77.	185.	17.5	185.0	3.1	.20	.01
434.9	169.6	316.9						78.	185.	16.2	185.0	2.9	.20	.01
441.0	169.7	316.6						86.	185.					
447.1	169.8	316.3						82.	185.	4.4	185.0	.8	.20	.00
										9.1	185.0	1.6	.20	.01
450.3	169.9	316.1						87.	185.					
454.7	170.0	315.9						76.	185.	18.4	185.0	3.3	.20	.01
459.3	169.9	315.8						80.	185.	.1	185.0	.0	.20	.00
										13.1	185.0	2.3	.20	.01

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* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
465.4	169.7	315.8						73.	185.	21.9	185.0	4.0	.20	.01
471.4	169.5	315.8						78.	185.	15.9	185.0	2.8	.20	.01
477.6	169.3	315.9						76.	185.	18.5	185.0	3.3	.20	.01
480.5	169.2	315.9						75.	185.	19.8	185.0	3.6	.20	.01
483.7	169.1	315.9						77.	185.	17.3	185.0	3.1	.20	.01
489.1	169.0	316.3						83.	185.					
492.9	168.8	317.3						82.	185.					
495.9	168.7	318.1						77.	185.	17.9	185.0	3.2	.20	.01
502.0	168.5	319.8						75.	185.	20.8	185.0	3.8	.20	.01
508.7	168.3	321.6						68.	185.	29.1	185.0	5.5	.20	.02
514.2	168.1	323.1						84.	185.					
520.2	168.0	324.8						79.	185.	1.4	185.0	.2	.20	.00
										17.1	185.0	3.1	.20	.01
526.1	168.0	326.6						85.	185.					
532.0	168.0	328.5						76.	185.	21.8	185.0	4.0	.20	.01
538.6	168.0	330.5						76.	185.	22.2	185.0	4.1	.20	.01
544.7	168.0	332.4						70.	185.	29.1	185.0	5.5	.20	.02
550.7	167.9	333.1						90.	185.					
556.6	167.5	331.9						88.	185.					
562.9	167.1	330.5						80.	185.	3.8	185.0	.7	.20	.00
										17.6	185.0	3.1	.20	.01
569.0	166.7	329.2						90.	185.					
573.9	166.3	328.1						65.	185.	34.7	185.0	6.9	.20	.02
580.2	165.9	326.9						85.	185.					
586.5	165.4	326.3						77.	185.	2.1	185.0	.4	.20	.00
										20.8	185.0	3.8	.20	.01
594.4	164.8	325.6						81.	185.					
597.2	164.6	325.3						70.	185.	29.5	185.0	5.6	.20	.02
602.7	164.1	324.8						80.	185.					
608.3	163.7	324.3						67.	185.	33.1	185.0	6.4	.20	.02
614.5	163.3	323.5						76.	185.	3.9	185.0	.7	.20	.00
										21.4	185.0	3.9	.20	.01
620.9	163.0	322.5						65.	185.	35.1	185.0	7.0	.20	.02
626.8	162.7	321.6						75.	185.	3.4	185.0	.6	.20	.00
										22.1	185.0	4.0	.20	.01
633.1	162.4	320.7						85.	185.					
639.1	162.1	319.8						80.	185.					
645.2	162.0	319.0						77.	185.	10.7	185.0	1.9	.20	.01
										14.7	185.0	2.6	.20	.01
648.4	162.0	318.7						80.	185.					
654.4	162.0	318.1						75.	185.	5.0	185.0	.9	.20	.00
										20.0	185.0	3.6	.20	.01

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* DDH: 78X03G. * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
660.5	162.0	317.4						80.	185.					
666.5	162.0	316.7						75.	185.	5.3	185.0	.9	.20	.00
										19.1	185.0	3.4	.20	.01
672.9	161.9	316.0						80.	185.					
678.8	161.8	315.2						78.	185.					
684.2	161.7	314.5						85.	185.					
690.8	161.5	313.6						76.	185.					
696.0	161.4	313.0						80.	185.					
701.9	161.3	312.2						85.	185.					
708.2	161.5	311.1						75.	185.	9.1	185.0	1.6	.20	.01
										13.3	185.0	2.3	.20	.01
714.5	161.6	310.1						77.	185.					
720.5	161.7	309.1						60.	185.	36.8	185.0	7.4	.20	.03
726.2	161.9	308.2						72.	185.	.2	185.0	.0	.20	.00
										20.1	185.0	3.6	.20	.01
733.6	162.0	306.9						72.	185.	.0	185.0	.0	.20	.00
										19.5	185.0	3.5	.20	.01
739.8	161.9	305.8						65.	185.	29.4	185.0	5.6	.20	.02
745.7	161.8	304.7						70.	185.	21.7	185.0	4.0	.20	.01
750.5	161.7	303.9						70.	185.	21.3	185.0	3.9	.20	.01
754.8	161.6	303.1						75.	185.					
758.0	161.6	302.5						72.	185.	.9	185.0	.2	.20	.00
										16.6	185.0	3.0	.20	.01
764.0	161.5	301.3						79.	185.					
770.5	161.4	299.8						76.	185.					
776.3	161.3	298.4						78.	185.					
782.4	161.2	296.9						65.	185.	25.5	185.0	4.7	.20	.02
788.5	161.1	295.5						70.	185.	16.4	185.0	2.9	.20	.01
794.6	161.0	294.0						77.	185.					
800.7	161.0	292.6						60.	185.	30.3	185.0	5.8	.20	.02
806.0	161.0	291.4						72.	185.					
816.0	161.0	289.1						68.	185.	17.1	185.0	3.1	.20	.01
822.6	161.0	287.6						87.	185.					
828.8	161.1	286.8						63.	185.	24.0	185.0	4.4	.20	.02
835.0	161.2	286.1						68.	185.	16.0	185.0	2.8	.20	.01
842.1	161.3	285.2						76.	185.					
848.8	161.4	284.4						62.	185.	24.7	185.0	4.6	.20	.02
854.5	161.5	283.9						68.	185.	15.4	185.0	2.7	.20	.01
860.7	161.5	283.9						85.	185.					
867.0	161.5	283.9						72.	185.					
873.2	161.5	283.9						85.	185.					

```
**************************
*      DDH:  78X03G.     *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:        0.    NORTH:        0.
                      ELEV:     5000.0


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T78X03G.  5000.0       0.       0. METERS DYE SURVEY
     2   R78X03G.     0      0 180.0 000.0
     3   R78X03G.   305         178.8 351.9
     4   R78X03G.   610         177.2 331.1
     5   R78X03G.   914         174.5 326.1
     6   R78X03G.  1219         173.0 327.5
     7   R78X03G.  1524         172.0 324.6
     8   R78X03G.  1829         170.4 320.0
     9   R78X03G.  2134         169.5 316.8
    10   R78X03G.  2438         168.5 317.9
    11   R78X03G.  2743         168.5 316.8
    12   R78X03G.  3048         169.4 313.3
    13   R78X03G.  3353         169.8 312.0
    14   R78X03G.  3658         170.0 313.5
    15   R78X03G.  3962         169.3 312.9
    16   R78X03G.  4267         169.5 317.3
    17   R78X03G.  4572         170.0 315.8
    18   R78X03G.  4877         169.0 315.9
    19   R78X03G.  5182         168.0 324.2
    20   R78X03G.  5486         168.0 333.6
    21   R78X03G.  5791         166.0 327.0
    22   R78X03G.  6096         163.6 324.2
    23   R78X03G.  6401         162.0 319.6
    24   R78X03G.  6706         162.0 316.3
    25   R78X03G.  7010         161.3 312.3
    26   R78X03G.  7315         162.0 307.3
    27   R78X03G.  7620         161.5 301.8
    28   R78X03G.  7925         161.0 294.5
    29   R78X03G.  8230         161.0 287.5
    30   R78X03G.  8534         161.5 283.9
    31   L78X03G. 00000 00340 01    #
    32   L78X03G. 00340 00390 02 5D3
    33   L78X03G. 00390 00392 03 5C3
    34   L78X03G. 00392 00394 04 5D3
    35   L78X03G. 00394 00447 05 5C6
    36   L78X03G. 00447 00461 06 5D6
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0         0         0         0         0         0         0         0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78X03G. 00461 00477 07 5D3
   38 L78X03G. 00477 00506 08 5D3
   39 L78X03G. 00506 00553 09 5B7
   40 L78X03G. 00553 00556 10 5D3
   41 L78X03G. 00556 00593 11 5B7
   42 L78X03G. 00593 00601 12 5D6
   43 L78X03G. 00601 00745 13 5B7
   44 L78X03G. 00745 00759 14 5D3
   45 L78X03G. 00759 00793 15 5B0
   46 L78X03G. 00793 00827 16 5D3
   47 L78X03G. 00827 00877 17 5B0
   48 L78X03G. 00877 00937 18 5D3
   49 L78X03G. 00937 00950 19 5B0
   50 L78X03G. 00950 00985 20 5D3
   51 L78X03G. 00985 01045 21 5B0
   52 L78X03G. 01045 01047 22 5D3
   53 L78X03G. 01047 01069 23 5B0
   54 L78X03G. 01069 01077 24 5E0
   55 L78X03G. 01077 01084 25 5B0
   56 L78X03G. 01084 01087 26 5E0
   57 L78X03G. 01087 01307 27 5B0
   58 L78X03G. 01307 01315 28 5D3
   59 L78X03G. 01315 01577 29 5B0
   60 L78X03G. 01577 01585 30 5D3
   61 L78X03G. 01585 01590 31 5B0
   62 L78X03G. 01590 01592 32 5D3
   63 L78X03G. 01592 01612 33 5B0
   64 L78X03G. 01612 01615 34 5D3
   65 L78X03G. 01615 01660 35 5B7
   66 L78X03G. 01660 01771 36 5B0
   67 L78X03G. 01771 01779 37 5B7
   68 L78X03G. 01779 01890 38 5B0
   69 L78X03G. 01890 01894 39 5E0
   70 L78X03G. 01894 01906 40 5B7
   71 L78X03G. 01906 01909 41 5E0
   72 L78X03G. 01909 01932 42 5B7
   73 L78X03G. 01932 01937 43 5D3
   74 L78X03G. 01937 02014 44 5B0
   75 L78X03G. 02014 02023 45 5E0
   76 L78X03G. 02023 02309 46 5B7
   77 L78X03G. 02309 02312 47 5D3
   78 L78X03G. 02312 02332 48 5B7
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79  L78X03G. 02332 02352 49 5DB
   80  L78X03G. 02352 02396 50 5B7
   81  L78X03G. 02396 02489 51 5DB
   82  L78X03G. 02489 02540 52 0E8
   83  L78X03G. 02540 02773 53 0F0
   84  L78X03G. 02773 02803 54 0E8
   85  L78X03G. 02803 02850 55 5DB
   86  L78X03G. 02850 02928 56 5B0
   87  L78X03G. 02928 03007 57 5D3
   88  L78X03G. 03007 03015 58 5B7
   89  L78X03G. 03015 03039 59 5D3
   90  L78X03G. 03039 03064 60 5B7
   91  L78X03G. 03064 03111 61 5B7
   92  L78X03G. 03111 03149 62 5B0
   93  L78X03G. 03149 03200 63 5D3
   94  L78X03G. 03200 03339 64 5B0
   95  L78X03G. 03339 03355 65 5D3
   96  L78X03G. 03355 03465 66 5B7
   97  L78X03G. 03465 03656 67 5B0
   98  L78X03G. 03656 04043 68 5B7
   99  L78X03G. 04043 04047 69 5B7
  100  L78X03G. 04047 04086 70 5B7
  101  L78X03G. 04086 04168 71 5B7
  102  L78X03G. 04168 04187 72 5D3
  103  L78X03G. 04187 04242 73 5G0
  104  L78X03G. 04242 04271 74 5GD
  105  L78X03G. 04271 04325 75 5B7
  106  L78X03G. 04325 04410 76 5DB
  107  L78X03G. 04410 04508 77 5D3
  108  L78X03G. 04508 04525 78 5GD
  109  L78X03G. 04525 04571 79 5D6
  110  L78X03G. 04571 04581 80 5D3
  111  L78X03G. 04581 04716 81 5D6
  112  L78X03G. 04716 04726 82 5B6
  113  L78X03G. 04726 04781 83 5D6
  114  L78X03G. 04781 04805 84 5B6
  115  L78X03G. 04805 04824 85 5B7
  116  L78X03G. 04824 04871 86 5D3
  117  L78X03G. 04871 04946 87 5B7
  118  L78X03G. 04946 04992 88 5D6
  119  L78X03G. 04992 05008 89 5B6
  120  L78X03G. 05008 05066 90 5A0
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121 L78X03G. 05066 05092 91 5DB
  122 L78X03G. 05092 05276 92 5B0
  123 L78X03G. 05276 05471 93 5D3
  124 L78X03G. 05471 05485 94 5B0
  125 L78X03G. 05485 05535 95 5D3
  126 L78X03G. 05535 05568 96 5B0
  127 L78X03G. 05568 05663 97 5D3
  128 L78X03G. 05663 05730 98 5B6
  129 L78X03G. 05730 05904 99 5B2
  130 L78X03G. 05904 06032 00 5B6
  131 L78X03G. 06032 06050 01 5D3
  132 L78X03G. 06050 06164 02 5B6
  133 L78X03G. 06164 06205 03 5D3
  134 L78X03G. 06205 06370 04 5B6
  135 L78X03G. 06370 06376 05 5D3
  136 L78X03G. 06376 06449 06 5D6
  137 L78X03G. 06449 06730 07 5D3
  138 L78X03G. 06730 06746 08 5B6
  139 L78X03G. 06746 06888 09 5D3
  140 L78X03G. 06888 06901 10 5D3
  141 L78X03G. 06901 06916 11 5D3
  142 L78X03G. 06916 06970 12 5B6
  143 L78X03G. 06970 06991 13 5B2
  144 L78X03G. 06991 07068 14 5D3
  145 L78X03G. 07068 07115 15 5B7
  146 L78X03G. 07115 07132 16 5D3
  147 L78X03G. 07132 07245 17 5B6
  148 L78X03G. 07245 07259 18 5D3
  149 L78X03G. 07259 08037 19 5B6
  150 L78X03G. 08037 08436    5B6
  151 L78X03G. 08436 08597    5B6
  152 L78X03G. 08597 08670    4L0
  153 L78X03G. 08670 08763    5B6
  154 S78X03G.       00341 CS2        80185
  155 S78X03G.       00375  F2 3
  156 S78X03G.       00406 CS2        80185
  157 S78X03G.       00462 CS2        72185
  158 S78X03G.       00522 CS2        64185
  159 S78X03G.       00580 CS2        75185
  160 S78X03G.       00642 CS2        80185
  161 S78X03G.       00704 CS2        75185
  162 S78X03G.       00768 CS2        72185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
```

163	S78X03G.	00831	CS2	70185
164	S78X03G.	00861	F2 S	72185
165	S78X03G.	00890	CS2	71185
166	S78X03G.	00966	CS2	79185
167	S78X03G.	01028	CS2	72185
168	S78X03G.	01088	CS2	83185
169	S78X03G.	01140	CS2	82185
170	S78X03G.	01210	CS2	72185
171	S78X03G.	01270	CS2	72185
172	S78X03G.	01333	CS2	80185
173	S78X03G.	01393	CS2	77185
174	S78X03G.	01454	CS2	84185
175	S78X03G.	01515	CS2	90185
176	S78X03G.	01571	CS2	47185
177	S78X03G.	01615	CS2	73185
178	S78X03G.	01668	CS2	76185
179	S78X03G.	01728	CS2	82185
180	S78X03G.	01789	CS2	77185
181	S78X03G.	01850	CS2	70185
182	S78X03G.	01896	CS2	83185
183	S78X03G.	01905	F2 S	78185
184	S78X03G.	01972	CS2	70185
185	S78X03G.	02033	CS2	85185
186	S78X03G.	02094	CS2	76185
187	S78X03G.	02156	CS2	78185
188	S78X03G.	02217	CS2	71185
189	S78X03G.	02277	CS2	68185
190	S78X03G.	02338	CS2	73185
191	S78X03G.	02399	F2 S	
192	S78X03G.	02460	CS2	90185
193	S78X03G.	02825	F2 Z	74185
194	S78X03G.	02886	CS2	81185
195	S78X03G.	02898	F2 3	
196	S78X03G.	02918	CS2	70185
197	S78X03G.	02936	F2 E	
198	S78X03G.	02948	CS2	78185
199	S78X03G.	02965	F2 3	
200	S78X03G.	03003	CS2	78185
201	S78X03G.	03026	F2 S	
202	S78X03G.	03040	CS2	72185
203	S78X03G.	03094	CS2	63185
204	S78X03G.	03142	CS2	72185

```
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205 S78X03G.      03222 CS2       76185
  206 S78X03G.      03280 CS2       90185
  207 S78X03G.      03341 CS2       83185
  208 S78X03G.      03361  F2 S     80185
  209 S78X03G.      03410 CS2       85185
  210 S78X03G.      03425  F2 E
  211 S78X03G.      03465 CS2       86185
  212 S78X03G.      03481  F2 3
  213 S78X03G.      03496 CS2       83185
  214 S78X03G.      03558 CS2       75185
  215 S78X03G.      03618 CS2       81185
  216 S78X03G.      03680 CS2       75185
  217 S78X03G.      03736 CS2       76185
  218 S78X03G.      03774  F2 E     81185
  219 S78X03G.      03798 CS2       85185
  220 S78X03G.      03821  F2 3
  221 S78X03G.      03830 CS2       83185
  222 S78X03G.      03847  F2 E
  223 S78X03G.      03892 CS2       82185
  224 S78X03G.      03929  F2 3
  225 S78X03G.      03935 CS2       82185
  226 S78X03G.      03943  F2 E
  227 S78X03G.      03952 CS2       75185
  228 S78X03G.      03972  F2 Z
  229 S78X03G.      04035  F2 S     73185
  230 S78X03G.      04076 CS2 S     83185
  231 S78X03G.      04096  F2 S
  232 S78X03G.      04137 CS2       65185
  233 S78X03G.      04182  F2 S     67185
  234 S78X03G.      04227 CS2       60185
  235 S78X03G.      04288 CS2       77185
  236 S78X03G.      04299  F2 S
  237 S78X03G.      04319  F2 Z     77185
  238 S78X03G.      04349 CS2       78185
  239 S78X03G.      04410 CS2       86185
  240 S78X03G.      04471 CS2       82185
  241 S78X03G.      04482  F2 3
  242 S78X03G.      04503 CS2       87185
  243 S78X03G.      04547 CS2       76185
  244 S78X03G.      04593 CS2       80185
  245 S78X03G.      04654 CS2       73185
  246 S78X03G.      04662  F2 E
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247 S78X03G.      04714 CS2         78185
  248 S78X03G.      04776 CS2         76185
  249 S78X03G.      04787  F2 Z
  250 S78X03G.      04805 CS2         75185
  251 S78X03G.      04822  F2 Z
  252 S78X03G.      04837 CS2         77185
  253 S78X03G.      04891 CS2         83185
  254 S78X03G.      04896  F2 Z
  255 S78X03G.      04929 CS2         82185
  256 S78X03G.      04935  F2 Z
  257 S78X03G.      04959 CS2         77185
  258 S78X03G.      05020 CS2         75185
  259 S78X03G.      05087 CS2         68185
  260 S78X03G.      05142 CS2         84185
  261 S78X03G.      05202 CS2         79185
  262 S78X03G.      05261 CS2         85185
  263 S78X03G.      05320 CS2         76185
  264 S78X03G.      05352  F2 3
  265 S78X03G.      05386 CS2         76185
  266 S78X03G.      05447 CS2         70185
  267 S78X03G.      05469  F2 S
  268 S78X03G.      05507 CS2         90185
  269 S78X03G.      05566 CS2         88185
  270 S78X03G.      05629 CS2         80185
  271 S78X03G.      05690 CS2         90185
  272 S78X03G.      05739 CS2         65185
  273 S78X03G.      05789  F2 Z
  274 S78X03G.      05802 CS2         85185
  275 S78X03G.      05836  F2 3
  276 S78X03G.      05865 CS2         77185
  277 S78X03G.      05893  F2 E
  278 S78X03G.      05944 CS2         81185
  279 S78X03G.      05944  F2 Z
  280 S78X03G.      05972 CS2         70185
  281 S78X03G.      06027 CS2         80185
  282 S78X03G.      06083 CS2         67185
  283 S78X03G.      06145 CS2         76185
  284 S78X03G.      06145  F2 Z
  285 S78X03G.      06209 CS2         65185
  286 S78X03G.      06268 CS2         75185
  287 S78X03G.      06331 CS2         85185
  288 S78X03G.      06391 CS2         80185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78X03G. *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

289	S78X03G.	06452	CS2	77185
290	S78X03G.	06484	CS2	80185
291	S78X03G.	06544	CS2	75185
292	S78X03G.	06605	CS2	80185
293	S78X03G.	06665	CS2	75185
294	S78X03G.	06665	F2 Z	
295	S78X03G.	06729	CS2	80185
296	S78X03G.	06788	CS2	78185
297	S78X03G.	06842	CS2	85185
298	S78X03G.	06908	CS2	76185
299	S78X03G.	06933	F2 Z	
300	S78X03G.	06960	CS2	80185
301	S78X03G.	07019	CS2	85185
302	S78X03G.	07082	CS2	75185
303	S78X03G.	07085	F2 Z	
304	S78X03G.	07145	CS2	77185
305	S78X03G.	07205	CS2	60185
306	S78X03G.	07262	CS2	72185
307	S78X03G.	07336	CS2	72185
308	S78X03G.	07368	F2 Z	
309	S78X03G.	07398	CS2	65185
310	S78X03G.	07457	F2 3	70185
311	S78X03G.	07505	CS2	70185
312	S78X03G.	07511	F2 E	
313	S78X03G.	07548	CS2	75185
314	S78X03G.	07551	F2 3	
315	S78X03G.	07580	CS2	72185
316	S78X03G.	07640	CS2	79185
317	S78X03G.	07705	CS2	76185
318	S78X03G.	07706	F2 E	
319	S78X03G.	07763	CS2	78185
320	S78X03G.	07772	F2 Z	
321	S78X03G.	07824	CS2	65185
322	S78X03G.	07830	F2 S	
323	S78X03G.	07885	CS2	70185
324	S78X03G.	07946	CS2	77185
325	S78X03G.	07950	F2 E	
326	S78X03G.	08007	CS2	60185
327	S78X03G.	08055	F2 Z	
328	S78X03G.	08060	CS2	72185
329	S78X03G.	08129	F2 Z	
330	S78X03G.	08135	F2 3	

```
**************************
*      DDH:  78X03G.     *
**************************
```

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
          1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    331   S78X03G.        08160 CS2         68185
    332   S78X03G.        08226 CS2         87185
    333   S78X03G.        08288 CS2         63185
    334   S78X03G.        08350 CS2         68185
    335   S78X03G.        08397  F2 E
    336   S78X03G.        08421 CS2         76185
    337   S78X03G.        08473  F2 3
    338   S78X03G.        08488 CS2         62185
    339   S78X03G.        08545 CS2         68185
    340   S78X03G.        08607 CS2         85185
    341   S78X03G.        08651  F2 E
    342   S78X03G.        08670 CS2         72185
    343   S78X03G.        08732 CS2         85185
          1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

DDH: 78X03G. -- SUMMARY OF DATA INPUT

```
                RECORDS READ =  343   RELEASED TO SORT  386
                TYPE-L =  123
                TYPE-P =    0
                TYPE-R =   29
                TYPE-S =  190
                TYPE-X =   43
                TYPE-A =    0
                TYPE-V =    0   (GENERATED TO DEPTH:  860.0 METERS )

      DRILLHOLE TRUE DEPTH (VERTICAL) =   876.3 METERS
```

****
* DDH: 78X03G. *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 0. NORTH: 0. DYE SURVEY
ELEV: 5000.0

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	178.80	
	AZIMUTH:	0.	-	351.90	
BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	178.80	-	177.20	
	AZIMUTH:	351.90	-	331.10	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	177.20	-	174.50	
	AZIMUTH:	331.10	-	326.10	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	174.50	-	173.00	
	AZIMUTH:	326.10	-	327.50	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	173.00	-	172.00	
	AZIMUTH:	327.50	-	324.60	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	172.00	-	170.40	
	AZIMUTH:	324.60	-	320.00	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	170.40	-	169.50	
	AZIMUTH:	320.00	-	316.80	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	169.50	-	168.50	
	AZIMUTH:	316.80	-	317.90	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	168.50	-	168.50	
	AZIMUTH:	317.90	-	316.80	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	168.50	-	169.40	
	AZIMUTH:	316.80	-	313.30	
BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	169.40	-	169.80	

	AZIMUTH:	313.30 -	312.00	
BOREHOLE SECTION 12 --	DEPTH:	335.30 -	365.80	METERS
	ZENITH ANG:	169.80 -	170.00	
	AZIMUTH:	312.00 -	313.50	
BOREHOLE SECTION 13 --	DEPTH:	365.80 -	396.20	METERS
	ZENITH ANG:	170.00 -	169.30	
	AZIMUTH:	313.50 -	312.90	
BOREHOLE SECTION 14 --	DEPTH:	396.20 -	426.70	METERS
	ZENITH ANG:	169.30 -	169.50	
	AZIMUTH:	312.90 -	317.30	
BOREHOLE SECTION 15 --	DEPTH:	426.70 -	457.20	METERS
	ZENITH ANG:	169.50 -	170.00	
	AZIMUTH:	317.30 -	315.80	
BOREHOLE SECTION 16 --	DEPTH:	457.20 -	487.70	METERS
	ZENITH ANG:	170.00 -	169.00	
	AZIMUTH:	315.80 -	315.90	
BOREHOLE SECTION 17 --	DEPTH:	487.70 -	518.20	METERS
	ZENITH ANG:	169.00 -	168.00	
	AZIMUTH:	315.90 -	324.20	
BOREHOLE SECTION 18 --	DEPTH:	518.20 -	548.60	METERS
	ZENITH ANG:	168.00 -	168.00	
	AZIMUTH:	324.20 -	333.60	
BOREHOLE SECTION 19 --	DEPTH:	548.60 -	579.10	METERS
	ZENITH ANG:	168.00 -	166.00	
	AZIMUTH:	333.60 -	327.00	
BOREHOLE SECTION 20 --	DEPTH:	579.10 -	609.60	METERS
	ZENITH ANG:	166.00 -	163.60	
	AZIMUTH:	327.00 -	324.20	
BOREHOLE SECTION 21 --	DEPTH:	609.60 -	640.10	METERS
	ZENITH ANG:	163.60 -	162.00	
	AZIMUTH:	324.20 -	319.60	
BOREHOLE SECTION 22 --	DEPTH:	640.10 -	670.60	METERS
	ZENITH ANG:	162.00 -	162.00	
	AZIMUTH:	319.60 -	316.30	
BOREHOLE SECTION 23 --	DEPTH:	670.60 -	701.00	METERS
	ZENITH ANG:	162.00 -	161.30	
	AZIMUTH:	316.30 -	312.30	
BOREHOLE SECTION 24 --	DEPTH:	701.00 -	731.50	METERS
	ZENITH ANG:	161.30 -	162.00	
	AZIMUTH:	312.30 -	307.30	

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BOREHOLE SECTION 25  --  DEPTH:        731.50 -  762.00 METERS
                         ZENITH ANG:   162.00 -  161.50
                         AZIMUTH:      307.30 -  301.80

BOREHOLE SECTION 26  --  DEPTH:        762.00 -  792.50 METERS
                         ZENITH ANG:   161.50 -  161.00
                         AZIMUTH:      301.80 -  294.50

BOREHOLE SECTION 27  --  DEPTH:        792.50 -  823.00 METERS
                         ZENITH ANG:   161.00 -  161.00
                         AZIMUTH:      294.50 -  287.50

BOREHOLE SECTION 28  --  DEPTH:        823.00 -  853.40 METERS
                         ZENITH ANG:   161.00 -  161.50
                         AZIMUTH:      287.50 -  283.90

BOREHOLE SECTION 29  --  DEPTH:        853.40 -  876.30 METERS
                         ZENITH ANG:   161.50 -  161.50
                         AZIMUTH:      283.90 -  283.90

FINISHED -- BOREHOLE LENGTH =   876.30 METERS
            FILE SIZE =     387
```

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
30.5	R										30.5	-.0	.3	178.8	351.9
34.0	L	01 #									34.0	-.0	.4	178.6	349.5
34.1	S				CS2				80.	185.	34.1	-.0	.4	178.6	349.4
37.5	S				F2	3					37.5	-.1	.5	178.4	347.1
39.0	L	02 5D3									39.0	-.1	.5	178.4	346.1
39.2	L	03 5C3									39.2	-.1	.5	178.3	346.0
39.4	L	04 5D3									39.4	-.1	.5	178.3	345.8
40.6	S				CS2				80.	185.	40.6	-.1	.6	178.3	345.0
44.7	L	05 5C6									44.7	-.1	.7	178.1	342.2
46.1	L	06 5D6									46.1	-.1	.7	178.0	341.3
46.2	S				CS2				72.	185.	46.2	-.1	.7	178.0	341.2
47.7	L	07 5D3									47.7	-.2	.8	177.9	340.2
50.6	L	08 5D3									50.6	-.2	.9	177.7	338.2
52.2	S				CS2				64.	185.	52.2	-.2	1.0	177.7	337.1
55.3	L	09 5B7									55.3	-.3	1.1	177.5	335.0
55.6	L	10 5D3									55.6	-.3	1.1	177.5	334.8
58.0	S				CS2				75.	185.	58.0	-.3	1.2	177.4	333.1
59.3	L	11 5B7									59.3	-.4	1.2	177.3	332.3
60.1	L	12 5D6									60.1	-.4	1.3	177.2	331.7
61.0	R										61.0	-.4	1.3	177.2	331.1
64.2	S				CS2				80.	185.	64.2	-.5	1.5	176.9	330.6
70.4	S				CS2				75.	185.	70.4	-.7	1.8	176.4	329.6
74.5	L	13 5B7									74.5	-.8	2.0	176.0	328.9
75.9	L	14 5D3									75.9	-.8	2.1	175.9	328.6
76.8	S				CS2				72.	185.	76.7	-.9	2.1	175.8	328.5
79.3	L	15 5B0									79.2	-1.0	2.3	175.6	328.1
82.7	L	16 5D3									82.6	-1.1	2.5	175.3	327.5
83.1	S				CS2				70.	185.	83.0	-1.1	2.6	175.2	327.5
86.1	S				F2	S			72.	185.	86.0	-1.3	2.8	175.0	327.0
87.7	L	17 5B0									87.6	-1.4	2.9	174.8	326.7
89.0	S				CS2				71.	185.	88.9	-1.4	3.0	174.7	326.5

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
91.4	R							91.3	-1.5	3.2	174.5	326.1
93.7	L	18 5D3						93.6	-1.7	3.4	174.4	326.2
95.0	L	19 5B0						94.9	-1.7	3.5	174.3	326.3
96.6	S			CS2			79. 185.	96.5	-1.8	3.6	174.2	326.3
98.5	L	20 5D3						98.4	-1.9	3.8	174.2	326.4
102.8	S			CS2			72. 185.	102.6	-2.2	4.1	173.9	326.6
104.5	L	21 5B0						104.3	-2.3	4.3	173.9	326.7
104.7	L	22 5D3						104.5	-2.3	4.3	173.8	326.7
106.9	L	23 5B0						106.7	-2.4	4.5	173.7	326.8
107.7	L	24 5E0						107.5	-2.5	4.6	173.7	326.8
108.4	L	25 5B0						108.2	-2.5	4.6	173.7	326.9
108.7	L	26 5E0						108.5	-2.5	4.7	173.6	326.9
108.8	S			CS2			83. 185.	108.6	-2.5	4.7	173.6	326.9
114.0	S			CS2			82. 185.	113.8	-2.9	5.2	173.4	327.1
121.0	S			CS2			72. 185.	120.7	-3.3	5.9	173.0	327.5
121.9	R							121.6	-3.4	6.0	173.0	327.5
127.0	S			CS2			72. 185.	126.7	-3.7	6.5	172.8	327.0
130.7	L	27 5B0						130.3	-3.9	6.9	172.7	326.7
131.5	L	28 5D3						131.1	-4.0	7.0	172.7	326.6
133.3	S			CS2			80. 185.	132.9	-4.1	7.1	172.6	326.4
139.3	S			CS2			77. 185.	138.9	-4.6	7.8	172.4	325.8
145.4	S			CS2			84. 185.	144.9	-5.0	8.5	172.2	325.3
151.5	S			CS2			90. 185.	151.0	-5.5	9.2	172.0	324.7
152.4	R							151.9	-5.6	9.3	172.0	324.6
157.1	S			CS2			47. 185.	156.5	-6.0	9.8	171.8	323.9
157.7	L	29 5B0						157.1	-6.0	9.9	171.7	323.8
158.5	L	30 5D3						157.9	-6.1	10.0	171.7	323.7
159.0	L	31 5B0						158.4	-6.1	10.0	171.7	323.6
159.2	L	32 5D3						158.6	-6.1	10.0	171.6	323.6
161.2	L	33 5B0						160.6	-6.3	10.3	171.5	323.3
161.5	L	34 5D3						160.9	-6.3	10.3	171.5	323.2
161.5	S			CS2			73. 185.	160.9	-6.3	10.3	171.5	323.2
166.0	L	35 5B7						165.3	-6.8	10.8	171.3	322.5
166.8	S			CS2			76. 185.	166.1	-6.8	10.9	171.2	322.4
172.8	S			CS2			82. 185.	172.0	-7.4	11.7	170.9	321.5
177.1	L	36 5B0						176.3	-7.8	12.2	170.7	320.9

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
177.9	L	37 5B7									177.1	-7.9	12.3	170.7	320.8
178.9	S				CS2				77.	185.	178.0	-8.0	12.4	170.6	320.6
182.9	R										182.0	-8.4	12.9	170.4	320.0
185.0	S				CS2				70.	185.	184.1	-8.7	13.2	170.3	319.8
189.0	L	38 5B0									188.0	-9.1	13.7	170.2	319.4
189.4	L	39 5E0									188.4	-9.1	13.8	170.2	319.3
189.6	S				CS2				83.	185.	188.6	-9.2	13.8	170.2	319.3
190.5	S				F2	S			78.	185.	189.5	-9.3	13.9	170.2	319.2
190.6	L	40 5B7									189.6	-9.3	13.9	170.2	319.2
190.9	L	41 5E0									189.9	-9.3	14.0	170.2	319.2
193.2	L	42 5B7									192.1	-9.6	14.3	170.1	318.9
193.7	L	43 5D3									192.6	-9.6	14.3	170.1	318.9
197.2	S				CS2				70.	185.	196.1	-10.0	14.8	170.0	318.5
201.4	L	44 5B0									200.2	-10.5	15.3	169.9	318.1
202.3	L	45 5E0									201.1	-10.6	15.5	169.8	318.0
203.3	S				CS2				85.	185.	202.1	-10.7	15.6	169.8	317.9
209.4	S				CS2				76.	185.	208.1	-11.5	16.4	169.6	317.2
213.4	R										212.0	-12.0	16.9	169.5	316.8
215.6	S				CS2				78.	185.	214.2	-12.2	17.2	169.4	316.9
221.7	S				CS2				71.	185.	220.2	-13.0	18.0	169.2	317.1
227.7	S				CS2				68.	185.	226.1	-13.8	18.9	169.0	317.3
230.9	L	46 5B7									229.2	-14.2	19.3	168.9	317.4
231.2	L	47 5D3									229.5	-14.2	19.4	168.9	317.4
233.2	L	48 5B7									231.5	-14.5	19.6	168.8	317.5
233.8	S				CS2				73.	185.	232.1	-14.6	19.7	168.8	317.5
235.2	L	49 5DB									233.4	-14.8	19.9	168.8	317.6
239.6	L	50 5B7									237.7	-15.3	20.6	168.6	317.7
239.9	S				F2	S					238.0	-15.4	20.6	168.6	317.8
243.8	R										241.9	-15.9	21.2	168.5	317.9
246.0	S				CS2				90.	185.	244.0	-16.2	21.5	168.5	317.8
248.9	L	51 5DB									246.9	-16.6	21.9	168.5	317.7
254.0	L	52 0E8									251.9	-17.3	22.7	168.5	317.5

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
274.3	R										271.8	-20.0	25.7	168.5	316.8
277.3	L	53 0F0									274.7	-20.4	26.1	168.6	316.5
280.3	L	54 0E8									277.6	-20.8	26.5	168.7	316.1
282.5	S				F2	Z			74.	185.	279.8	-21.1	26.8	168.7	315.9
285.0	L	55 5D8									282.2	-21.5	27.2	168.8	315.6
288.6	S				CS2				81.	185.	285.8	-22.0	27.7	168.9	315.2
289.8	S				F2	3					287.0	-22.1	27.8	169.0	315.0
291.8	S				CS2				70.	185.	288.9	-22.4	28.1	169.0	314.8
292.8	L	56 5B0									289.9	-22.5	28.2	169.0	314.7
293.6	S				F2	E					290.7	-22.6	28.3	169.1	314.6
294.8	S				CS2				78.	185.	291.9	-22.8	28.5	169.1	314.4
296.5	S				F2	3					293.5	-23.0	28.7	169.2	314.3
300.3	S				CS2				78.	185.	297.3	-23.5	29.2	169.3	313.8
300.7	L	57 5D3									297.7	-23.6	29.3	169.3	313.8
301.5	L	58 5B7									298.4	-23.7	29.4	169.3	313.7
302.6	S				F2	S					299.5	-23.9	29.5	169.3	313.6
303.9	L	59 5D3									300.8	-24.0	29.7	169.4	313.4
304.0	S				CS2				72.	185.	300.9	-24.0	29.7	169.4	313.4
304.8	R										301.7	-24.1	29.8	169.4	313.3
306.4	L	60 5B7									303.3	-24.4	30.0	169.4	313.2
309.4	S				CS2				63.	185.	306.2	-24.8	30.4	169.5	313.1
311.1	L	61 5B7									307.9	-25.0	30.6	169.5	313.0
314.2	S				CS2				72.	185.	310.9	-25.4	31.0	169.5	312.9
314.9	L	62 5B0									311.6	-25.5	31.1	169.5	312.9
320.0	L	63 5D3									316.6	-26.2	31.7	169.6	312.7
322.2	S				CS2				76.	185.	318.8	-26.5	32.0	169.6	312.6
328.0	S				CS2				90.	185.	324.5	-27.2	32.7	169.7	312.3
333.9	L	64 5B0									330.3	-28.0	33.4	169.8	312.1
334.1	S				CS2				83.	185.	330.5	-28.0	33.4	169.8	312.1
335.3	R										331.7	-28.2	33.5	169.8	312.0
335.5	L	65 5D3									331.9	-28.2	33.6	169.8	312.0
336.1	S				F2	S			80.	185.	332.5	-28.3	33.6	169.8	312.0
341.0	S				CS2				85.	185.	337.3	-28.9	34.2	169.8	312.3
342.5	S				F2	E					338.8	-29.1	34.4	169.8	312.4
346.5	L	66 5B7									342.7	-29.7	34.9	169.9	312.6
346.5	S				CS2				86.	185.	342.7	-29.7	34.9	169.9	312.6

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
348.1	S				F2	3					344.3	-29.9	35.0	169.9	312.6
349.6	S				CS2				83.	185.	345.8	-30.1	35.2	169.9	312.7
355.8	S				CS2				75.	185.	351.9	-30.9	36.0	169.9	313.0
361.8	S				CS2				81.	185.	357.8	-31.6	36.7	170.0	313.3
365.6	L	67 5B0									361.5	-32.1	37.1	170.0	313.5
365.8	R										361.7	-32.1	37.2	170.0	313.5
368.0	S				CS2				75.	185.	363.9	-32.4	37.4	169.9	313.5
373.6	S				CS2				76.	185.	369.4	-33.1	38.1	169.8	313.3
377.4	S				F2	E			81.	185.	373.1	-33.6	38.6	169.7	313.3
379.8	S				CS2				85.	185.	375.5	-33.9	38.9	169.7	313.2
382.1	S				F2	3					377.8	-34.2	39.1	169.6	313.2
383.0	S				CS2				83.	185.	378.6	-34.3	39.2	169.6	313.2
384.7	S				F2	E					380.3	-34.6	39.5	169.6	313.1
389.2	S				CS2				82.	185.	384.7	-35.2	40.0	169.5	313.0
392.9	S				F2	3					388.4	-35.7	40.5	169.4	313.0
393.5	S				CS2				82.	185.	389.0	-35.7	40.5	169.4	313.0
394.3	S				F2	E					389.8	-35.8	40.6	169.3	312.9
395.2	S				CS2				75.	185.	390.6	-36.0	40.8	169.3	312.9
396.2	R										391.6	-36.1	40.9	169.3	312.9
397.2	S				F2	Z					392.6	-36.2	41.0	169.3	313.0
403.5	S				F2	S			73.	185.	398.8	-37.1	41.8	169.3	314.0
404.3	L	68 5B7									399.6	-37.2	41.9	169.4	314.1
404.7	L	69 5B7									400.0	-37.2	42.0	169.4	314.1
407.6	S				CS2	S			83.	185.	402.8	-37.6	42.3	169.4	314.5
408.6	L	70 5B7									403.8	-37.8	42.5	169.4	314.7
409.6	S				F2	S					404.8	-37.9	42.6	169.4	314.8
413.7	S				CS2				65.	185.	408.8	-38.4	43.1	169.4	315.4
416.8	L	71 5B7									411.9	-38.8	43.5	169.4	315.9
418.2	S				F2	S			67.	185.	413.2	-39.0	43.7	169.4	316.1
418.7	L	72 5D3									413.7	-39.1	43.8	169.4	316.1
422.7	S				CS2				60.	185.	417.7	-39.6	44.3	169.5	316.7
424.2	L	73 5G0									419.1	-39.7	44.5	169.5	316.9

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
487.7	R										481.6	-47.7	52.8	169.0	315.9
489.1	S				CS2				83.	185.	483.0	-47.8	53.0	169.0	316.3
489.6	S				F2	Z					483.5	-47.9	53.0	168.9	316.4
492.9	S				CS2				82.	185.	486.7	-48.4	53.5	168.8	317.3
493.5	S				F2	Z					487.3	-48.4	53.6	168.8	317.5
494.6	L	87 5B7									488.4	-48.6	53.8	168.8	317.8
495.9	S				CS2				77.	185.	489.6	-48.7	53.9	168.7	318.1
499.2	L	88 5D6									492.9	-49.2	54.4	168.6	319.0
500.8	L	89 5B6									494.4	-49.4	54.7	168.6	319.5
502.0	S				CS2				75.	185.	495.6	-49.5	54.8	168.5	319.8
506.6	L	90 5A0									500.1	-50.1	55.6	168.4	321.0
508.7	S				CS2				68.	185.	502.2	-50.4	55.9	168.3	321.6
509.2	L	91 5DB									502.7	-50.4	56.0	168.3	321.8
514.2	S				CS2				84.	185.	507.6	-51.1	56.8	168.1	323.1
518.2	R										511.5	-51.6	57.4	168.0	324.2
520.2	S				CS2				79.	185.	513.4	-51.8	57.8	168.0	324.8
526.1	S				CS2				85.	185.	519.2	-52.5	58.8	168.0	326.6
527.6	L	92 5B0									520.7	-52.7	59.1	168.0	327.1
532.0	S				CS2				76.	185.	525.0	-53.2	59.8	168.0	328.5
535.2	S				F2	3					528.1	-53.5	60.4	168.0	329.5
538.6	S				CS2				76.	185.	531.4	-53.8	61.0	168.0	330.5
544.7	S				CS2				70.	185.	537.4	-54.5	62.1	168.0	332.4
546.9	S				F2	S					539.6	-54.7	62.5	168.0	333.1
547.1	L	93 5D3									539.8	-54.7	62.6	168.0	333.1
548.5	L	94 5B0									541.1	-54.8	62.8	168.0	333.6
548.6	R										541.2	-54.8	62.9	168.0	333.6
550.7	S				CS2				90.	185.	543.3	-55.0	63.2	167.9	333.1
553.5	L	95 5D3									546.0	-55.3	63.8	167.7	332.5
556.6	S				CS2				88.	185.	549.0	-55.6	64.4	167.5	331.9
556.8	L	96 5B0									549.2	-55.6	64.4	167.5	331.8
562.9	S				CS2				80.	185.	555.2	-56.3	65.6	167.1	330.5
566.3	L	97 5D3									558.5	-56.7	66.2	166.8	329.8
569.0	S				CS2				90.	185.	561.1	-57.0	66.8	166.7	329.2
573.0	L	98 5B6									565.0	-57.4	67.6	166.4	328.3
573.9	S				CS2				65.	185.	565.9	-57.6	67.8	166.3	328.1
578.9	S				F2	Z					570.7	-58.2	68.8	166.0	327.0

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
579.1	R										570.9	-58.2	68.8	166.0	327.0
580.2	S				CS2				85.	185.	572.0	-58.4	69.0	165.9	326.9
583.6	S				F2	3					575.3	-58.8	69.7	165.6	326.6
586.5	S				CS2				77.	185.	578.1	-59.2	70.3	165.4	326.3
589.3	S				F2	E					580.8	-59.6	70.9	165.2	326.1
590.4	L	99 5B2									581.9	-59.8	71.2	165.1	326.0
594.4	S				F2	Z					585.7	-60.4	72.0	164.8	325.6
594.4	S				CS2				81.	185.	585.7	-60.4	72.0	164.8	325.6
597.2	S				CS2				70.	185.	588.4	-60.8	72.6	164.6	325.3
602.7	S				CS2				80.	185.	593.7	-61.6	73.8	164.1	324.8
603.2	L	00 5B6									594.2	-61.7	73.9	164.1	324.8
605.0	L	01 5D3									596.0	-62.0	74.4	164.0	324.6
608.3	S				CS2				67.	185.	599.1	-62.5	75.1	163.7	324.3
609.6	R										600.4	-62.7	75.4	163.6	324.2
614.5	S				F2	Z					605.1	-63.6	76.5	163.3	323.5
614.5	S				CS2				76.	185.	605.1	-63.6	76.5	163.3	323.5
616.4	L	02 5B6									606.9	-63.9	77.0	163.2	323.2
620.5	L	03 5D3									610.8	-64.6	77.9	163.0	322.6
620.9	S				CS2				65.	185.	611.2	-64.7	78.0	163.0	322.5
626.8	S				CS2				75.	185.	616.8	-65.8	79.4	162.7	321.6
633.1	S				CS2				85.	185.	622.8	-66.9	80.8	162.4	320.7
637.0	L	04 5B6									626.6	-67.7	81.8	162.2	320.1
637.6	L	05 5D3									627.1	-67.8	81.9	162.1	320.0
639.1	S				CS2				80.	185.	628.6	-68.1	82.3	162.1	319.8
640.1	R										629.5	-68.3	82.5	162.0	319.6
644.9	L	06 5D6									634.1	-69.3	83.6	162.0	319.1
645.2	S				CS2				77.	185.	634.4	-69.3	83.7	162.0	319.0
648.4	S				CS2				80.	185.	637.4	-70.0	84.4	162.0	318.7
654.4	S				CS2				75.	185.	643.1	-71.2	85.8	162.0	318.1
660.5	S				CS2				80.	185.	648.9	-72.5	87.2	162.0	317.4
666.5	S				CS2				75.	185.	654.6	-73.8	88.6	162.0	316.7
666.5	S				F2	Z					654.6	-73.8	88.6	162.0	316.7

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
670.6	R										658.5	-74.6	89.5	162.0	316.3
672.9	S				CS2				80.	185.	660.7	-75.1	90.0	161.9	316.0
673.0	L	07 5D3									660.8	-75.1	90.0	161.9	316.0
674.6	L	08 5B6									662.3	-75.5	90.4	161.9	315.8
678.8	S				CS2				78.	185.	666.3	-76.4	91.3	161.8	315.2
684.2	S				CS2				85.	185.	671.4	-77.6	92.5	161.7	314.5
688.8	L	09 5D3									675.8	-78.6	93.5	161.6	313.9
690.1	L	10 5D3									677.0	-78.9	93.8	161.6	313.7
690.8	S				CS2				76.	185.	677.7	-79.1	94.0	161.5	313.6
691.6	L	11 5D3									678.5	-79.3	94.1	161.5	313.5
693.3	S				F2	Z					680.1	-79.7	94.5	161.5	313.3
696.0	S				CS2				80.	185.	682.6	-80.3	95.1	161.4	313.0
697.0	L	12 5B6									683.6	-80.5	95.3	161.4	312.8
699.1	L	13 5B2									685.6	-81.0	95.8	161.3	312.6
701.0	R										687.4	-81.5	96.2	161.3	312.3
701.9	S				CS2				85.	185.	688.2	-81.7	96.4	161.3	312.2
706.8	L	14 5D3									692.9	-82.9	97.4	161.4	311.3
708.2	S				CS2				75.	185.	694.2	-83.2	97.7	161.5	311.1
708.5	S				F2	Z					694.5	-83.3	97.8	161.5	311.1
711.5	L	15 5B7									697.3	-84.0	98.4	161.5	310.6
713.2	L	16 5D3									698.9	-84.4	98.7	161.6	310.3
714.5	S				CS2				77.	185.	700.2	-84.7	99.0	161.6	310.1
720.5	S				CS2				60.	185.	705.9	-86.2	100.2	161.7	309.1
724.5	L	17 5B6									709.7	-87.1	101.0	161.8	308.4
725.9	L	18 5D3									711.0	-87.5	101.3	161.9	308.2
726.2	S				CS2				72.	185.	711.3	-87.6	101.3	161.9	308.2
731.5	R										716.3	-88.9	102.3	162.0	307.3
733.6	S				CS2				72.	185.	718.3	-89.4	102.7	162.0	306.9
736.8	S				F2	Z					721.4	-90.2	103.3	161.9	306.3
739.8	S				CS2				65.	185.	724.2	-90.9	103.8	161.9	305.8
745.7	S				F2	3			70.	185.	729.8	-92.4	104.9	161.8	304.7
750.5	S				CS2				70.	185.	734.4	-93.7	105.8	161.7	303.9
751.1	S				F2	E					734.9	-93.8	105.9	161.7	303.8
754.8	S				CS2				75.	185.	738.5	-94.8	106.5	161.6	303.1
755.1	S				F2	3					738.7	-94.9	106.6	161.6	303.0
758.0	S				CS2				72.	185.	741.5	-95.6	107.1	161.6	302.5

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
762.0	R										745.3	-96.7	107.7	161.5	301.8
764.0	S				CS2				79.	185.	747.2	-97.3	108.1	161.5	301.3
770.5	S				CS2				76.	185.	753.3	-99.0	109.1	161.4	299.8
770.6	S				F2	E					753.4	-99.1	109.1	161.4	299.7
776.3	S				CS2				78.	185.	758.8	-100.7	110.0	161.3	298.4
777.2	S				F2	Z					759.7	-100.9	110.2	161.3	298.2
782.4	S				CS2				65.	185.	764.6	-102.4	110.9	161.2	296.9
783.0	S				F2	S					765.2	-102.6	111.0	161.2	296.8
788.5	S				CS2				70.	185.	770.4	-104.2	111.8	161.1	295.5
792.5	R										774.2	-105.4	112.3	161.0	294.5
794.6	S				CS2				77.	185.	776.1	-106.0	112.6	161.0	294.0
795.0	S				F2	E					776.5	-106.1	112.7	161.0	293.9
800.7	S				CS2				60.	185.	781.9	-107.8	113.4	161.0	292.6
803.7	L	19 5B6									784.8	-108.7	113.8	161.0	291.9
805.5	S				F2	Z					786.5	-109.3	114.0	161.0	291.5
806.0	S				CS2				72.	185.	786.9	-109.4	114.1	161.0	291.4
812.9	S				F2	Z					793.5	-111.5	114.9	161.0	289.8
813.5	S				F2	3					794.0	-111.7	114.9	161.0	289.7
816.0	S				CS2				68.	185.	796.4	-112.5	115.2	161.0	289.1
822.6	S				CS2				87.	185.	802.6	-114.5	115.9	161.0	287.6
823.0	R										803.0	-114.6	115.9	161.0	287.5
828.8	S				CS2				63.	185.	808.5	-116.4	116.5	161.1	286.8
835.0	S				CS2				68.	185.	814.4	-118.3	117.0	161.2	286.1
839.7	S				F2	E					818.8	-119.8	117.4	161.3	285.5
842.1	S				CS2				76.	185.	821.1	-120.5	117.6	161.3	285.2
843.6	L	5B6									822.5	-121.0	117.8	161.3	285.1
847.3	S				F2	3					826.0	-122.1	118.1	161.4	284.6
848.8	S				CS2				62.	185.	827.4	-122.6	118.2	161.4	284.4
853.4	R										831.8	-124.0	118.5	161.5	283.9
854.5	S				CS2				68.	185.	832.8	-124.4	118.6	161.5	283.9
859.7	L	5B6									837.8	-126.0	119.0	161.5	283.9
860.7	S				CS2				85.	185.	838.7	-126.3	119.1	161.5	283.9
865.1	S				F2	E					842.9	-127.6	119.4	161.5	283.9
867.0	L	4L0									844.7	-128.2	119.6	161.5	283.9

****
* DDH: 78X03G. * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
867.0	S				CS2				72.	185.	844.7	-128.2	119.6	161.5	283.9
873.2	S				CS2				85.	185.	850.6	-130.1	120.1	161.5	283.9
876.3	L	SB6									853.5	-131.1	120.3	161.5	283.9
876.3	R										853.5	-131.1	120.3	161.5	283.9

FINISHED -- LENGTH = 876.30 METERS ENTRIES = 387

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UNDERSTANDING THAT ALL SOFTWARE PROPRIETORY

RIGHTS WILL BE HONOURED. USE OF THIS PROGRAM

BY UNAUTHORIZED PERSONS IS PROHIBITED.

****
* DDH: 78X04GY * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 281
POINTS = 280 MAX DDH DEPTH = 675.0 METERS
MAX TRUE DEPTH = 661.1 METERS

EASTING: -59.1 - 0. METERS
NORTHING: 0. - 99.4 METERS

TYPE C DATA (CONTACTS) ----- 90
TYPE F DATA (PLANES) ------- 106
TYPE P DATA (SAMPLES) ------ 6
TYPE S DATA (SYMMETRY) ----- 3
TYPE X DATA (REF MARKERS) -- 33
TYPE A DATA (SAMPLE MARKERS) 14
TYPE V DATA (ASSAY VALUES)-- 7

GEOLOGICAL CONTACTS

DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT	DDH SEQ	METERS	RKUNIT
1	21.7	01 #	24	318.5	24 5D3	47	413.1	47 5D3	70	533.4	70 4JK
2	33.7	02 5B0	25	323.3	25 5B6	48	419.1	48 5B7	71	533.9	71 5D3
3	38.9	03 5B7	26	335.7	26 5B7	49	429.6	49 5D3	72	534.5	72 4JK
4	63.5	04 5B0	27	342.6	27 5B7	50	435.3	50 5B7	73	536.6	73 5D6
5	66.9	05 0Q0	28	345.1	28 5D3	51	437.5	51 0E8	74	554.8	74 5B2
6	69.0	06 5B0	29	352.4	29 5B7	52	450.2	52 0C0	75	556.3	75 5DB
7	74.7	07 5DB	30	354.1	30 5D3	53	452.8	53 0E8	76	556.6	76 4EK
8	76.7	08 5D3	31	361.5	31 5B7	54	456.6	54 5D3	77	556.9	77 5D3
9	89.1	09 5B0	32	364.2	32 5D3	55	462.7	55 5GD	78	561.0	78 4EK
10	98.2	10 5D3	33	370.9	33 5B7	56	463.5	56 5D3	79	565.6	79 5A1
11	102.5	11 5B0	34	375.2	34 5D3	57	465.1	57 5B7	80	571.8	80 5D3
12	102.8	12 5D3	35	378.8	35 5B4	58	469.2	58 5D3	81	580.1	81 5DB
13	107.8	13 5B0	36	379.6	36 5D3	59	470.2	59 4L7	82	582.7	82 5D3
14	112.9	14 5B0	37	380.6	37 5D6	60	480.7	60 5D3	83	584.5	83 5A3
15	117.6	15 5B2	38	382.5	38 5B6	61	488.3	61 5C6	84	602.7	84 5D3
16	188.8	16 5B0	39	384.6	39 5B7	62	497.4	62 5D3	85	603.7	85 0E6
17	190.4	17 5B0	40	387.1	40 5D3	63	511.4	63 5AD	86	610.5	86 5D3
18	219.9	18 5B0	41	388.6	41 5B7	64	514.2	64 5D3	87	617.7	87 5DB
19	220.9	19 5D3	42	394.3	42 0E8	65	518.4	65 5D6	88	625.9	88 5B0
20	277.6	20 5B0	43	397.7	43 5B0	66	520.6	66 4G4	89	628.8	89 5B2
21	294.3	21 5B7	44	399.3	44 5B2	67	525.7	67 5D3	90	675.0	90 5B6
22	296.7	22 5D3	45	404.1	45 5B0	68	530.1	68 5D3			
23	315.1	23 5B7	46	407.6	46 5B7	69	532.3	69 5D0			

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*     DDH:  78X04GY     *    START PLOT NUMBER  1
**************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   3.18 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  26.03 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   675.0 METERS     J =   1 - 280

     MAX PAPER WIDTH REQUIRED:   30.0 INCHES

***** PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  78X04GY     *    START PLOT NUMBER  2
**************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   0.   -   3.18 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  26.03 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   675.0 METERS     J =   1 - 280

     MAX PAPER WIDTH REQUIRED:   30.0 INCHES
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* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
22.0	179.3	358.5						50.	185.	40.7	185.0	-40.3	-.15	-.13
28.2	179.1	358.1						81.	185.	9.0	185.0	-8.9	-.20	-.03
34.4	178.6	351.0						70.	185.	21.4	185.0	-21.1	-.19	-.07
40.5	178.0	340.2						77.	185.	14.8	185.0	-14.6	-.19	-.05
46.6	177.4	329.4						62.	185.	30.1	185.0	-29.7	-.17	-.10
52.4	176.8	319.2						63.	185.	29.1	185.0	-28.8	-.18	-.10
58.8	176.2	307.9						70.	185.	21.8	185.0	-21.5	-.19	-.07
64.6	176.0	301.5						75.	185.	16.4	185.0	-16.1	-.19	-.06
70.2	176.0	297.6						58.	185.	33.3	185.0	-32.9	-.17	-.11
76.0	176.0	293.6						78.	185.	12.7	185.0	-12.5	-.20	-.04
82.0	176.0	289.4						75.	185.	15.5	185.0	-15.3	-.19	-.05
88.0	176.0	285.3						78.	185.	11.4	185.0	-11.2	-.20	-.04
93.0	176.0	282.9						58.	185.	32.3	185.0	-31.9	-.17	-.11
99.1	176.2	283.0						82.	185.	7.1	185.0	-7.0	-.20	-.02
105.7	176.3	283.0						65.	185.	25.3	185.0	-24.9	-.18	-.08
111.0	176.4	283.1						83.	185.	6.0	185.0	-6.0	-.20	-.02
116.1	176.5	283.1						72.	185.	17.7	185.0	-17.4	-.19	-.06
122.4	176.6	283.4						87.	185.					
128.6	176.2	286.5						80.	185.	9.3	185.0	-9.2	-.20	-.03
135.0	175.9	289.7						79.	185.	11.3	185.0	-11.1	-.20	-.04
141.3	175.6	292.8						74.	185.	16.8	185.0	-16.6	-.19	-.06
147.5	175.3	295.9						70.	185.	21.2	185.0	-20.9	-.19	-.07
153.8	174.9	298.6						90.	185.					
160.0	174.7	300.1						82.	185.	8.7	185.0	-8.5	-.20	-.03
166.1	174.5	301.6						73.	185.	18.8	185.0	-18.5	-.19	-.06
171.0	174.3	302.8						75.	185.	16.8	185.0	-16.6	-.19	-.06
177.4	174.1	304.4						78.	185.	13.8	185.0	-13.6	-.19	-.05
183.6	173.9	305.7						78.	185.	13.9	185.0	-13.7	-.19	-.05
189.6	173.9	305.4						75.	185.	17.2	185.0	-16.9	-.19	-.06
196.0	173.9	305.2						66.	185.	26.5	185.0	-26.2	-.18	-.09
202.2	173.8	304.9						74.	185.	18.2	185.0	-17.9	-.19	-.06
208.5	173.8	304.7						81.	185.	10.3	185.0	-10.2	-.20	-.04
214.7	173.7	305.1						80.	185.	11.6	185.0	-11.4	-.20	-.04
220.7	173.3	307.8						85.	185.					
226.8	172.9	310.6						84.	185.	4.5	185.0	-4.4	-.20	-.02
233.2	172.4	313.6						79.	185.	14.0	185.0	-13.8	-.19	-.05
239.3	172.0	316.3						67.	185.	27.5	185.0	-27.2	-.18	-.09
245.4	171.7	318.5						73.	185.	21.7	185.0	-21.4	-.19	-.07
251.5	171.8	318.7						80.	185.	13.8	185.0	-13.6	-.19	-.05
257.5	171.8	318.9						80.	185.	13.8	185.0	-13.6	-.19	-.05
263.6	171.9	319.1						84.	185.	5.9	185.0	-5.8	-.20	-.02

****
* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP	CA DIPD	DIP DIPD	AP-DIP		H	V
269.7	172.0	319.3				70. 185.	24.8 185.0	-24.5		-.18	-.08
275.8	172.0	319.7				75. 185.	19.6 185.0	-19.3		-.19	-.07
281.9	171.9	320.6				75. 185.	19.7 185.0	-19.4		-.19	-.07
288.6	171.8	321.5				72. 185.	23.1 185.0	-22.8		-.18	-.08
294.6	171.7	322.4				77. 185.	17.9 185.0	-17.6		-.19	-.06
300.2	171.6	323.2				78. 185.	16.9 185.0	-16.7		-.19	-.06
307.8	171.4	325.1				82. 185.	.8 185.0	-.8		-.20	-.00
							12.4 185.0	-12.2		-.20	-.04
315.5	171.3	328.6				74. 185.	22.2 185.0	-21.9		-.19	-.07
321.0	171.2	331.0				75. 185.	21.5 185.0	-21.2		-.19	-.07
328.0	171.0	334.1				78. 185.	18.8 185.0	-18.6		-.19	-.06
333.9	170.9	336.8				52. 185.	45.8 185.0	-45.4		-.14	-.14
339.8	170.5	338.2				85. 185.					
345.9	170.1	339.2				66. 185.	32.6 185.0	-32.2		-.17	-.11
352.0	169.6	340.2				80. 185.	.4 185.0	-.4		-.20	-.00
							18.5 185.0	-18.2		-.19	-.06
358.1	169.1	341.2				73. 185.	26.4 185.0	-26.1		-.18	-.09
364.3	168.6	342.2				75. 185.	24.9 185.0	-24.6		-.18	-.08
369.2	168.6	342.3				75. 185.	24.9 185.0	-24.6		-.18	-.08
375.2	168.7	341.8				80. 185.	1.4 185.0	-1.4		-.20	-.00
							19.4 185.0	-19.1		-.19	-.07
381.4	168.9	341.4				69. 185.	30.7 185.0	-30.4		-.17	-.10
387.7	169.0	340.9				78. 185.	21.2 185.0	-20.9		-.19	-.07
394.8	169.2	340.4				80. 185.	.9 185.0	-.9		-.20	-.00
							18.8 185.0	-18.5		-.19	-.06
400.9	169.0	341.1				72. 185.	27.5 185.0	-27.2		-.18	-.09
405.3	168.9	341.9				65. 185.	34.9 185.0	-34.5		-.16	-.11
411.5	168.6	343.0				85. 185.					
417.6	168.4	344.1				85. 185.					
424.0	168.2	345.2				69. 185.	31.8 185.0	-31.4		-.17	-.10
430.2	167.9	345.4				85. 185.					
454.8	166.5	343.7				75. 185.	26.8 185.0	-26.5		-.18	-.09
459.5	166.1	343.0				60. 185.	42.5 185.0	-42.1		-.15	-.13
465.7	165.5	341.7				82. 185.	7.7 185.0	-7.6		-.20	-.03
							19.0 185.0	-18.7		-.19	-.06
472.0	164.8	340.4				70. 185.	32.9 185.0	-32.5		-.17	-.11
478.2	164.1	339.1				70. 185.	33.2 185.0	-32.8		-.17	-.11
484.6	163.3	337.8				66. 185.	37.8 185.0	-37.4		-.16	-.12
492.2	162.9	336.8				77. 185.	4.9 185.0	-4.8		-.20	-.02
							25.5 185.0	-25.1		-.18	-.08
497.7	162.8	336.4				73. 185.	.2 185.0	-.2		-.20	-.00
							30.2 185.0	-29.8		-.17	-.10

****
* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP		H	V
504.0	162.6	336.0						73. 185.	.5	185.0	-.5		-.20	-.00
									30.2	185.0	-29.8		-.17	-.10
510.3	162.5	335.5						79. 185.	8.4	185.0	-8.2		-.20	-.03
									22.3	185.0	-22.0		-.19	-.08
518.6	162.3	334.9						75. 185.	3.2	185.0	-3.2		-.20	-.01
									27.7	185.0	-27.3		-.18	-.09
520.7	162.4	334.3						70. 185.	33.3	185.0	-32.8		-.17	-.11
528.5	162.9	332.1						80. 185.	10.5	185.0	-10.4		-.20	-.04
									18.4	185.0	-18.2		-.19	-.06
533.4	163.2	330.7						70. 185.	31.8	185.0	-31.4		-.17	-.10
539.2	163.5	329.0						71. 185.	29.9	185.0	-29.6		-.17	-.10
545.0	163.9	327.3						84. 185.						
550.9	164.1	327.2						83. 185.						
554.2	164.1	328.4						78. 185.	5.4	185.0	-5.3		-.20	-.02
									20.4	185.0	-20.1		-.19	-.07
559.8	164.1	330.4						70. 185.	31.2	185.0	-30.8		-.17	-.10
565.0	164.1	332.4						66. 185.	36.0	185.0	-35.6		-.16	-.12
570.0	164.1	334.2						68. 185.	34.3	185.0	-33.9		-.17	-.11
577.0	164.1	336.8						53. 185.	50.4	185.0	-50.0		-.13	-.15
583.4	164.0	338.2						72. 185.	30.9	185.0	-30.5		-.17	-.10
589.8	163.8	339.1						64. 185.	39.7	185.0	-39.3		-.15	-.13
595.9	163.7	340.0						70. 185.	33.7	185.0	-33.3		-.17	-.11
600.5	163.5	340.7						51. 185.	53.6	185.0	-53.2		-.12	-.16
606.4	163.4	341.5						87. 185.						
611.4	163.2	341.0						74. 185.	.9	185.0	-.9		-.20	-.00
									30.0	185.0	-29.6		-.17	-.10
618.4	162.6	337.1						73. 185.	.5	185.0	-.4		-.20	-.00
									30.5	185.0	-30.1		-.17	-.10
624.8	162.2	333.5						72. 185.	30.9	185.0	-30.5		-.17	-.10
629.4	161.8	330.9						71. 185.	31.4	185.0	-31.0		-.17	-.10
635.5	161.3	327.5						73. 185.	2.2	185.0	-2.2		-.20	-.01
									27.9	185.0	-27.5		-.18	-.09
641.1	161.0	324.6						78. 185.						
647.4	160.7	322.9						72. 185.	1.8	185.0	-1.8		-.20	-.01
									27.3	185.0	-27.0		-.18	-.09
653.8	160.4	321.1						70. 185.	29.3	185.0	-29.0		-.17	-.10
662.9	159.9	318.6						73. 185.	5.0	185.0	-5.0		-.20	-.02
									23.3	185.0	-23.0		-.18	-.08
669.0	159.7	317.3						90. 185.						
674.8	159.7	317.3						90. 185.						

PROGRAM COMMAND: PLOTB,1000,105

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*************************
*     DDH:  78X04GY     *    START PLOT NUMBER  3
*************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS  105. DEGREES -- VIEW AZIMUTH:  15. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:  -3.26 -    0.   (INCHES)
     Y-AXIS BOREHOLE LENGTH:  26.03 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   675.0 METERS     J =   1 - 280

     MAX PAPER WIDTH REQUIRED:   30.0 INCHES
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* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
22.0	179.3	358.5						50.	185.	40.7	185.0	8.5	.20	.03
28.2	179.1	358.1						81.	185.	9.0	185.0	1.6	.20	.01
34.4	178.6	351.0						70.	185.	21.4	185.0	3.9	.20	.01
40.5	178.0	340.2						77.	185.	14.8	185.0	2.6	.20	.01
46.6	177.4	329.4						62.	185.	30.1	185.0	5.7	.20	.02
52.4	176.8	319.2						63.	185.	29.1	185.0	5.5	.20	.02
58.8	176.2	307.9						70.	185.	21.8	185.0	4.0	.20	.01
64.6	176.0	301.5						75.	185.	16.4	185.0	2.9	.20	.01
70.2	176.0	297.6						58.	185.	33.3	185.0	6.5	.20	.02
76.0	176.0	293.6						78.	185.	12.7	185.0	2.2	.20	.01
82.0	176.0	289.4						75.	185.	15.5	185.0	2.8	.20	.01
88.0	176.0	285.3						78.	185.	11.4	185.0	2.0	.20	.01
93.0	176.0	282.9						58.	185.	32.3	185.0	6.3	.20	.02
99.1	176.2	283.0						82.	185.	7.1	185.0	1.2	.20	.00
105.7	176.3	283.0						65.	185.	25.3	185.0	4.7	.20	.02
111.0	176.4	283.1						83.	185.	6.0	185.0	1.1	.20	.00
116.1	176.5	283.1						72.	185.	17.7	185.0	3.2	.20	.01
122.4	176.6	283.4						87.	185.					
128.6	176.2	286.5						80.	185.	9.3	185.0	1.6	.20	.01
135.0	175.9	289.7						79.	185.	11.3	185.0	2.0	.20	.01
141.3	175.6	292.8						74.	185.	16.8	185.0	3.0	.20	.01
147.5	175.3	295.9						70.	185.	21.2	185.0	3.9	.20	.01
153.8	174.9	298.6						90.	185.					
160.0	174.7	300.1						82.	185.	8.7	185.0	1.5	.20	.01
166.1	174.5	301.6						73.	185.	18.8	185.0	3.4	.20	.01
171.0	174.3	302.8						75.	185.	16.8	185.0	3.0	.20	.01
177.4	174.1	304.4						78.	185.	13.8	185.0	2.4	.20	.01
183.6	173.9	305.7						78.	185.	13.9	185.0	2.5	.20	.01
189.6	173.9	305.4						75.	185.	17.2	185.0	3.1	.20	.01
196.0	173.9	305.2						66.	185.	26.5	185.0	5.0	.20	.02
202.2	173.8	304.9						74.	185.	18.2	185.0	3.3	.20	.01
208.5	173.8	304.7						81.	185.	10.3	185.0	1.8	.20	.01
214.7	173.7	305.1						80.	185.	11.6	185.0	2.0	.20	.01
220.7	173.3	307.8						85.	185.					
226.8	172.9	310.6						84.	185.	4.5	185.0	.8	.20	.00
233.2	172.4	313.6						79.	185.	14.0	185.0	2.5	.20	.01
239.3	172.0	316.3						67.	185.	27.5	185.0	5.2	.20	.02
245.4	171.7	318.5						73.	185.	21.7	185.0	3.9	.20	.01
251.5	171.8	318.7						80.	185.	13.8	185.0	2.4	.20	.01
257.5	171.8	318.9						80.	185.	13.8	185.0	2.4	.20	.01
263.6	171.9	319.1						84.	185.	5.9	185.0	1.0	.20	.00

****
* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
269.7	172.0	319.3						70.	185.	24.8	185.0	4.6	.20	.02
275.8	172.0	319.7						75.	185.	19.6	185.0	3.5	.20	.01
281.9	171.9	320.6						75.	185.	19.7	185.0	3.6	.20	.01
288.6	171.8	321.5						72.	185.	23.1	185.0	4.2	.20	.01
294.6	171.7	322.4						77.	185.	17.9	185.0	3.2	.20	.01
300.2	171.6	323.2						78.	185.	16.9	185.0	3.0	.20	.01
307.8	171.4	325.1						82.	185.	.8	185.0	.1	.20	.00
										12.4	185.0	2.2	.20	.01
315.5	171.3	328.6						74.	185.	22.2	185.0	4.1	.20	.01
321.0	171.2	331.0						75.	185.	21.5	185.0	3.9	.20	.01
328.0	171.0	334.1						78.	185.	18.8	185.0	3.4	.20	.01
333.9	170.9	336.8						52.	185.	45.8	185.0	10.1	.20	.04
339.8	170.5	338.2						85.	185.					
345.9	170.1	339.2						66.	185.	32.6	185.0	6.3	.20	.02
352.0	169.6	340.2						80.	185.	.4	185.0	.1	.20	.00
										18.5	185.0	3.3	.20	.01
358.1	169.1	341.2						73.	185.	26.4	185.0	4.9	.20	.02
364.3	168.6	342.2						75.	185.	24.9	185.0	4.6	.20	.02
369.2	168.6	342.3						75.	185.	24.9	185.0	4.6	.20	.02
375.2	168.7	341.8						80.	185.	1.4	185.0	.2	.20	.00
										19.4	185.0	3.5	.20	.01
381.4	168.9	341.4						69.	185.	30.7	185.0	5.9	.20	.02
387.7	169.0	340.9						78.	185.	21.2	185.0	3.9	.20	.01
394.8	169.2	340.4						80.	185.	.9	185.0	.2	.20	.00
										18.8	185.0	3.4	.20	.01
400.9	169.0	341.1						72.	185.	27.5	185.0	5.2	.20	.02
405.3	168.9	341.9						65.	185.	34.9	185.0	6.9	.20	.02
411.5	168.6	343.0						85.	185.					
417.6	168.4	344.1						85.	185.					
424.0	168.2	345.2						69.	185.	31.8	185.0	6.1	.20	.02
430.2	167.9	345.4						85.	185.					
454.8	166.5	343.7						75.	185.	26.8	185.0	5.0	.20	.02
459.5	166.1	343.0						60.	185.	42.5	185.0	9.0	.20	.03
465.7	165.5	341.7						82.	185.	7.7	185.0	1.3	.20	.00
										19.0	185.0	3.4	.20	.01
472.0	164.8	340.4						70.	185.	32.9	185.0	6.4	.20	.02
478.2	164.1	339.1						70.	185.	33.2	185.0	6.5	.20	.02
484.6	163.3	337.8						66.	185.	37.8	185.0	7.7	.20	.03
492.2	162.9	336.8						77.	185.	4.9	185.0	.8	.20	.00
										25.5	185.0	4.7	.20	.02
497.7	162.8	336.4						73.	185.	.2	185.0	.0	.20	.00
										30.2	185.0	5.8	.20	.02

****
* DDH: 78X04GY * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)			PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED		H	V
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			
504.0	162.6	336.0				73. 185.	.5 185.0 .1		.20	.00
							30.2 185.0 5.8		.20	.02
510.3	162.5	335.5				79. 185.	8.4 185.0 1.5		.20	.01
							22.3 185.0 4.1		.20	.01
518.6	162.3	334.9				75. 185.	3.2 185.0 .6		.20	.00
							27.7 185.0 5.2		.20	.02
520.7	162.4	334.3				70. 185.	33.3 185.0 6.5		.20	.02
528.5	162.9	332.1				80. 185.	10.5 185.0 1.8		.20	.01
							18.4 185.0 3.3		.20	.01
533.4	163.2	330.7				70. 185.	31.8 185.0 6.1		.20	.02
539.2	163.5	329.0				71. 185.	29.9 185.0 5.7		.20	.02
545.0	163.9	327.3				84. 185.				
550.9	164.1	327.2				83. 185.				
554.2	164.1	328.4				78. 185.	5.4 185.0 .9		.20	.00
							20.4 185.0 3.7		.20	.01
559.8	164.1	330.4				70. 185.	31.2 185.0 6.0		.20	.02
565.0	164.1	332.4				66. 185.	36.0 185.0 7.2		.20	.03
570.0	164.1	334.2				68. 185.	34.3 185.0 6.8		.20	.02
577.0	164.1	336.8				53. 185.	50.4 185.0 11.9		.20	.04
583.4	164.0	338.2				72. 185.	30.9 185.0 5.9		.20	.02
589.8	163.8	339.1				64. 185.	39.7 185.0 8.2		.20	.03
595.9	163.7	340.0				70. 185.	33.7 185.0 6.6		.20	.02
600.5	163.5	340.7				51. 185.	53.6 185.0 13.3		.19	.05
606.4	163.4	341.5				87. 185.				
611.4	163.2	341.0				74. 185.	.9 185.0 .2		.20	.00
							30.0 185.0 5.7		.20	.02
618.4	162.6	337.1				73. 185.	.5 185.0 .1		.20	.00
							30.5 185.0 5.8		.20	.02
624.8	162.2	333.5				72. 185.	30.9 185.0 5.9		.20	.02
629.4	161.8	330.9				71. 185.	31.4 185.0 6.1		.20	.02
635.5	161.3	327.5				73. 185.	2.2 185.0 .4		.20	.00
							27.9 185.0 5.2		.20	.02
641.1	161.0	324.6				78. 185.				
647.4	160.7	322.9				72. 185.	1.8 185.0 .3		.20	.00
							27.3 185.0 5.1		.20	.02
653.8	160.4	321.1				70. 185.	29.3 185.0 5.6		.20	.02
662.9	159.9	318.6				73. 185.	5.0 185.0 .9		.20	.00
							23.3 185.0 4.3		.20	.01
669.0	159.7	317.3				90. 185.				
674.8	159.7	317.3				90. 185.				

```
 STOP ALL PLOTS FINISHED
SRU'S:33.5
!*
!OFF
USAGE ON 08/29/78 AT 14:09:19
SRU'S:35.9      ELAPSED TIME: 00:00:18
```

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**************************
*     DDH:  78X04GY      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:         0.    NORTH:         0.
                      ELEV:      5000.0


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
         1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1   T78X04GY  5000.0       0.        0. METERS DYE SURVEY
     2   R78X04GY     0        180.0     360.0
     3   R78X04GY   305        179.0     357.9
     4   R78X04GY   610        176.0     304.0
     5   R78X04GY   914        176.0     282.9
     6   R78X04GY  1219        176.6     283.2
     7   R78X04GY  1524        175.0     298.3
     8   R78X04GY  1829        173.9     305.7
     9   R78X04GY  2134        173.8     304.5
    10   R78X04GY  2438        171.7     318.4
    11   R78X04GY  2743        172.0     319.5
    12   R78X04GY  3048        171.5     323.8
    13   R78X04GY  3353        170.9     337.4
    14   R78X04GY  3658        168.5     342.5
    15   R78X04GY  3962        169.2     340.3
    16   R78X04GY  4267        168.1     345.7
    17   R78X04GY  4572        166.4     343.5
    18   R78X04GY  4877        163.0     337.1
    19   R78X04GY  5182        162.3     335.0
    20   R78X04GY  5486        164.1     326.3
    21   R78X04GY  5791        164.1     337.6
    22   R78X04GY  6096        163.3     342.0
    23   R78X04GY  6401        161.0     324.9
    24   R78X04GY  6675        159.7     317.3
    25   L78X04GY 00000 00217 01  #
    26   L78X04GY 00217 00337 02 5B0
    27   L78X04GY 00339 00389 03 5B7
    28   L78X04GY 00389 00635 04 5B0
    29   L78X04GY 00635 00669 05 0Q0
    30   L78X04GY 00669 00690 06 5B0
    31   L78X04GY 00690 00747 07 5DB
    32   L78X04GY 00747 00767 08 5D3
    33   L78X04GY 00767 00891 09 5B0
    34   L78X04GY 00891 00982 10 5D3
    35   L78X04GY 00982 01025 11 5B0
    36   L78X04GY 01025 01028 12 5D3
         1.....1.....2.....3.....4.....5.....6.....7.....8
                   0     0     0     0     0     0     0     0
```

****
* DDH: 78X04GY *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78X04GY 01028 01078 13 5B0
   38 L78X04GY 01078 01129 14 5B0
   39 L78X04GY 01129 01176 15 5B2
   40 L78X04GY 01176 01888 16 5B0
   41 L78X04GY 01888 01904 17 5B0
   42 L78X04GY 01904 02199 18 5B0
   43 L78X04GY 02199 02209 19 5D3
   44 L78X04GY 02209 02776 20 5B0
   45 L78X04GY 02776 02943 21 5B7
   46 L78X04GY 02943 02967 22 5D3
   47 L78X04GY 02967 03151 23 5B7
   48 L78X04GY 03151 03185 24 5D3
   49 L78X04GY 03185 03233 25 5B6
   50 L78X04GY 03233 03357 26 5B7
   51 L78X04GY 03357 03426 27 5B7
   52 L78X04GY 03426 03451 28 5D3
   53 L78X04GY 03451 03524 29 5B7
   54 L78X04GY 03524 03541 30 5D3
   55 L78X04GY 03541 03615 31 5B7
   56 L78X04GY 03615 03642 32 5D3
   57 L78X04GY 03642 03709 33 5B7
   58 L78X04GY 03709 03752 34 5D3
   59 L78X04GY 03752 03788 35 5B4
   60 L78X04GY 03788 03796 36 5D3
   61 L78X04GY 03796 03806 37 5D6
   62 L78X04GY 03806 03825 38 5B6
   63 L78X04GY 03825 03846 39 5B7
   64 L78X04GY 03846 03871 40 5D3
   65 L78X04GY 03871 03886 41 5B7
   66 L78X04GY 03886 03943 42 0E8
   67 L78X04GY 03943 03977 43 5B0
   68 L78X04GY 03977 03993 44 5B2
   69 L78X04GY 03993 04041 45 5B0
   70 L78X04GY 04041 04076 46 5B7
   71 L78X04GY 04076 04131 47 5D3
   72 L78X04GY 04131 04191 48 5B7
   73 L78X04GY 04191 04296 49 5D3
   74 L78X04GY 04296 04353 50 5B7
   75 L78X04GY 04353 04375 51 0E8
   76 L78X04GY 04375 04502 52 0C0
   77 L78X04GY 04502 04528 53 0E8
   78 L78X04GY 04528 04566 54 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78X04GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    79 L78X04GY 04566 04627 55 5GD
    80 L78X04GY 04627 04635 56 5D3
    81 L78X04GY 04635 04651 57 5B7
    82 L78X04GY 04651 04692 58 5D3
    83 L78X04GY 04692 04702 59 4L7
    84 L78X04GY 04702 04807 60 5D3
    85 L78X04GY 04807 04883 61 5C6
    86 L78X04GY 04883 04974 62 5D3
    87 L78X04GY 04974 05114 63 5AD
    88 L78X04GY 05114 05142 64 5D3
    89 L78X04GY 05142 05184 65 5D6
    90 L78X04GY 05184 05206 66 4G4
    91 L78X04GY 05206 05257 67 5D3
    92 L78X04GY 05257 05301 68 5D3
    93 L78X04GY 05301 05323 69 5D0
    94 L78X04GY 05323 05334 70 4JK
    95 L78X04GY 05334 05339 71 5D3
    96 L78X04GY 05339 05345 72 4JK
    97 L78X04GY 05345 05366 73 5D6
    98 L78X04GY 05366 05548 74 5B2
    99 L78X04GY 05548 05563 75 5DB
   100 L78X04GY 05563 05566 76 4EK
   101 L78X04GY 05566 05569 77 5D3
   102 L78X04GY 05569 05610 78 4EK
   103 L78X04GY 05610 05656 79 5A1
   104 L78X04GY 05656 05718 80 5D3
   105 L78X04GY 05718 05801 81 5DB
   106 L78X04GY 05801 05827 82 5D3
   107 L78X04GY 05827 05845 83 5A3
   108 L78X04GY 05845 06027 84 5D3
   109 L78X04GY 06027 06037 85 0E6
   110 L78X04GY 06037 06105 86 5D3
   111 L78X04GY 06105 06177 87 5DB
   112 L78X04GY 06177 06259 88 5B0
   113 L78X04GY 06259 06288 89 5B2
   114 L78X04GY 06288 06750 90 5B6
   115 S78X04GY       00220 CS2       50185
   116 S78X04GY       00282 CS2       81185
   117 S78X04GY       00344 CS2       70185
   118 S78X04GY       00405 CS2       77185
   119 S78X04GY       00466 CS2       62185
   120 S78X04GY       00524 CS2       63185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78X04GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S78X04GY	00588	CS2	70185
122	S78X04GY	00646	CS2	75185
123	S78X04GY	00702	CS2	58185
124	S78X04GY	00760	CS2	78185
125	S78X04GY	00820	CS2	75185
126	S78X04GY	00880	CS2	78185
127	S78X04GY	00930	CS2	58185
128	S78X04GY	00991	CS2	82185
129	S78X04GY	01057	CS2	65185
130	S78X04GY	01110	CS2	83185
131	S78X04GY	01161	CS2	72185
132	S78X04GY	01224	CS2	87185
133	S78X04GY	01286	CS2	80185
134	S78X04GY	01350	CS2	79185
135	S78X04GY	01413	CS2	74185
136	S78X04GY	01475	CS2	70185
137	S78X04GY	01538	CS2	90185
138	S78X04GY	01600	CS2	82185
139	S78X04GY	01661	CS2	73185
140	S78X04GY	01710	CS2	75185
141	S78X04GY	01774	CS2	78185
142	S78X04GY	01836	CS2	78185
143	S78X04GY	01896	CS2	75185
144	S78X04GY	01960	CS2	66185
145	S78X04GY	02022	CS2	74185
146	S78X04GY	02085	CS2	81185
147	S78X04GY	02147	CS2	80185
148	S78X04GY	02207	CS2	85185
149	S78X04GY	02268	CS2	84185
150	S78X04GY	02332	CS2	79185
151	S78X04GY	02393	CS2	67185
152	S78X04GY	02454	CS2	73185
153	S78X04GY	02515	CS2	80185
154	S78X04GY	02575	CS2	80185
155	S78X04GY	02636	CS2	84185
156	S78X04GY	02697	CS2	70185
157	S78X04GY	02758	CS2	75185
158	S78X04GY	02819	CS2	75185
159	S78X04GY	02886	CS2	72185
160	S78X04GY	02946	CS2	77185
161	S78X04GY	03002	CS2	78185
162	S78X04GY	03078	CS2	82185

****
* DDH: 78X04GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S78X04GY	03155	CS2	74185
164	S78X04GY	03210	CS2	75185
165	S78X04GY	03280	CS2	78185
166	S78X04GY	03339	CS2	52185
167	S78X04GY	03398	CS2	85185
168	S78X04GY	03459	CS2	66185
169	S78X04GY	03520	CS2	80185
170	S78X04GY	03581	CS2	73185
171	S78X04GY	03643	CS2	75185
172	S78X04GY	03692	CS2	75185
173	S78X04GY	03752	CS2	80185
174	S78X04GY	03814	CS2	69185
175	S78X04GY	03877	CS2	78185
176	S78X04GY	03948	CS2	80185
177	S78X04GY	04009	CS2	72185
178	S78X04GY	04053	CS2	65185
179	S78X04GY	04115	CS2	85185
180	S78X04GY	04176	CS2	85185
181	S78X04GY	04240	CS2	69185
182	S78X04GY	04302	CS2	85185
183	S78X04GY	04548	CS2	75185
184	S78X04GY	04595	CS2	60185
185	S78X04GY	04657	CS2	82185
186	S78X04GY	04720	CS2	70185
187	S78X04GY	04782	CS2	70185
188	S78X04GY	04846	CS2	66185
189	S78X04GY	04922	CS2	77185
190	S78X04GY	04977	CS2	73185
191	S78X04GY	05040	CS2	73185
192	S78X04GY	05103	CS2	79185
193	S78X04GY	05186	F2 S	75185
194	S78X04GY	05207	F2 Z	70185
195	S78X04GY	05285	F2 3	80185
196	S78X04GY	05334	CS2	70185
197	S78X04GY	05392	CS2	71185
198	S78X04GY	05450	CS2	84185
199	S78X04GY	05509	CS2	83185
200	S78X04GY	05542	CS2	78185
201	S78X04GY	05598	CS2	70185
202	S78X04GY	05650	CS2	66185
203	S78X04GY	05700	CS2	68185
204	S78X04GY	05770	CS2	53185

****
* DDH: 78X04GY *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205  S78X04GY        05834 CS2       72185
  206  S78X04GY        05898 CS2       64185
  207  S78X04GY        05959 CS2       70185
  208  S78X04GY        06005 CS2       51185
  209  S78X04GY        06064 CS2       87185
  210  S78X04GY        06114 CS2       74185
  211  S78X04GY        06184 CS2       73185
  212  S78X04GY        06248 CS2       72185
  213  S78X04GY        06294 CS2       71185
  214  S78X04GY        06355 CS2       73185
  215  S78X04GY        06411 CS2       78185
  216  S78X04GY        06474 CS2       72185
  217  S78X04GY        06538 CS2       70185
  218  S78X04GY        06629 CS2       73185
  219  S78X04GY        06690 CS2       90185
  220  S78X04GY        06748 CS2       90185
  221  P78X04GY 05184  05206 002737
  222  P78X04GY 05323  05334 002738
  223  P78X04GY 05339  05345 002739
  224  P78X04GY 05566  05586 002740
  225  P78X04GY 05586  05600 002741
  226  P78X04GY 05600  05620 002742
  227  A78X04GY 518.4  520.6  2.2  2737 95.3 5.38 1219 1757    0.03
  228  A78X04GY 532.3  533.4  1.1  2738 51.0 4.42 1245 1687    0.01
  229  A78X04GY 533.4  533.9  0.5       00.0 0.00 0000 0000    0.00
  230  A78X04GY 533.9  534.5  0.6  2739 43.7 3.77 1082 1459    0.01
  231  A78X04GY 556.6  558.6  2.0  2740 1820 1128 1525 2655    0.04
  232  A78X04GY 558.6  560.0  1.4  2741 1340 8.72 1304 2176    0.29
  233  A78X04GY 560.0  562.0  2.0  2742 1250 8.23 1039 1862    0.09
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

DDH: 78X04GY -- SUMMARY OF DATA INPUT

RECORDS READ = 233   RELEASED TO SORT 280

TYPE-L = 90
TYPE-P = 6
TYPE-R = 23
TYPE-S = 106
TYPE-X = 33
TYPE-A = 14
TYPE-V = 7   (GENERATED TO DEPTH: 660.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 675.0 METERS

****
* DDH: 78X04GY *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 0. NORTH: 0. DYE SURVEY
ELEV: 5000.0

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	360.00	-	357.90	
BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.00	-	176.00	
	AZIMUTH:	357.90	-	304.00	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	176.00	-	176.00	
	AZIMUTH:	304.00	-	282.90	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	176.00	-	176.60	
	AZIMUTH:	282.90	-	283.20	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	176.60	-	175.00	
	AZIMUTH:	283.20	-	298.30	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	175.00	-	173.90	
	AZIMUTH:	298.30	-	305.70	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	173.90	-	173.80	
	AZIMUTH:	305.70	-	304.50	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	173.80	-	171.70	
	AZIMUTH:	304.50	-	318.40	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	171.70	-	172.00	
	AZIMUTH:	318.40	-	319.50	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	172.00	-	171.50	
	AZIMUTH:	319.50	-	323.80	
BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	171.50	-	170.90	

	AZIMUTH:	323.80 -	337.40	
BOREHOLE SECTION 12 --	DEPTH:	335.30 -	365.80	METERS
	ZENITH ANG:	170.90 -	168.50	
	AZIMUTH:	337.40 -	342.50	
BOREHOLE SECTION 13 --	DEPTH:	365.80 -	396.20	METERS
	ZENITH ANG:	168.50 -	169.20	
	AZIMUTH:	342.50 -	340.30	
BOREHOLE SECTION 14 --	DEPTH:	396.20 -	426.70	METERS
	ZENITH ANG:	169.20 -	168.10	
	AZIMUTH:	340.30 -	345.70	
BOREHOLE SECTION 15 --	DEPTH:	426.70 -	457.20	METERS
	ZENITH ANG:	168.10 -	166.40	
	AZIMUTH:	345.70 -	343.50	
BOREHOLE SECTION 16 --	DEPTH:	457.20 -	487.70	METERS
	ZENITH ANG:	166.40 -	163.00	
	AZIMUTH:	343.50 -	337.10	
BOREHOLE SECTION 17 --	DEPTH:	487.70 -	518.20	METERS
	ZENITH ANG:	163.00 -	162.30	
	AZIMUTH:	337.10 -	335.00	
BOREHOLE SECTION 18 --	DEPTH:	518.20 -	548.60	METERS
	ZENITH ANG:	162.30 -	164.10	
	AZIMUTH:	335.00 -	326.30	
BOREHOLE SECTION 19 --	DEPTH:	548.60 -	579.10	METERS
	ZENITH ANG:	164.10 -	164.10	
	AZIMUTH:	326.30 -	337.60	
BOREHOLE SECTION 20 --	DEPTH:	579.10 -	609.60	METERS
	ZENITH ANG:	164.10 -	163.30	
	AZIMUTH:	337.60 -	342.00	
BOREHOLE SECTION 21 --	DEPTH:	609.60 -	640.10	METERS
	ZENITH ANG:	163.30 -	161.00	
	AZIMUTH:	342.00 -	324.90	
BOREHOLE SECTION 22 --	DEPTH:	640.10 -	667.50	METERS
	ZENITH ANG:	161.00 -	159.70	
	AZIMUTH:	324.90 -	317.30	
BOREHOLE SECTION 23 --	DEPTH:	667.50 -	675.00	METERS
	ZENITH ANG:	159.70 -	159.70	
	AZIMUTH:	317.30 -	317.30	

FINISHED -- BOREHOLE LENGTH = 675.00 METERS
FILE SIZE = 281

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* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA	STRUCTURAL LOG S1 DIPD	STRUCTURAL LOG S2 CA	STRUCTURAL LOG S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	360.0
21.7	L	01 #									21.7	-.0	.1	179.3	358.5
22.0	S				CS2				50.	185.	22.0	-.0	.1	179.3	358.5
28.2	S				CS2				81.	185.	28.2	-.0	.2	179.1	358.1
30.5	R										30.5	-.0	.3	179.0	357.9
33.7	L	02 5B0									33.7	-.0	.3	178.7	352.2
34.4	S				CS2				70.	185.	34.4	-.0	.3	178.6	351.0
38.9	L	03 5B7									38.9	-.0	.5	178.2	343.1
40.5	S				CS2				77.	185.	40.5	-.1	.5	178.0	340.2
46.6	S				CS2				62.	185.	46.6	-.2	.7	177.4	329.4
52.4	S				CS2				63.	185.	52.4	-.3	1.0	176.8	319.2
58.8	S				CS2				70.	185.	58.8	-.6	1.2	176.2	307.9
61.0	R										61.0	-.7	1.3	176.0	304.0
63.5	L	04 5B0									63.5	-.9	1.4	176.0	302.3
64.6	S				CS2				75.	185.	64.6	-.9	1.5	176.0	301.5
66.9	L	05 0Q0									66.9	-1.1	1.5	176.0	299.9
69.0	L	06 5B0									68.9	-1.2	1.6	176.0	298.4
70.2	S				CS2				58.	185.	70.1	-1.3	1.7	176.0	297.6
74.7	L	07 5DB									74.6	-1.6	1.8	176.0	294.5
76.0	S				CS2				78.	185.	75.9	-1.7	1.8	176.0	293.6
76.7	L	08 5D3									76.6	-1.7	1.8	176.0	293.1
82.0	S				CS2				75.	185.	81.9	-2.0	2.0	176.0	289.4
88.0	S				CS2				78.	185.	87.9	-2.4	2.1	176.0	285.3
89.1	L	09 5B0									89.0	-2.5	2.1	176.0	284.5
91.4	R										91.3	-2.7	2.2	176.0	282.9
93.0	S				CS2				58.	185.	92.9	-2.8	2.2	176.0	282.9
98.2	L	10 5D3									98.1	-3.1	2.3	176.1	283.0
99.1	S				CS2				82.	185.	99.0	-3.2	2.3	176.2	283.0
102.5	L	11 5B0									102.4	-3.4	2.3	176.2	283.0
102.8	L	12 5D3									102.7	-3.4	2.3	176.2	283.0
105.7	S				CS2				65.	185.	105.6	-3.6	2.4	176.3	283.0
107.8	L	13 5B0									107.7	-3.7	2.4	176.3	283.1
111.0	S				CS2				83.	185.	110.8	-3.9	2.5	176.4	283.1
112.9	L	14 5B0									112.7	-4.1	2.5	176.4	283.1

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* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
116.1	S				CS2				72.	185.	115.9	-4.2	2.5	176.5	283.1
117.6	L	15 582									117.4	-4.3	2.6	176.5	283.2
121.9	R										121.7	-4.6	2.6	176.6	283.2
122.4	S				CS2				87.	185.	122.2	-4.6	2.6	176.6	283.4
128.6	S				CS2				80.	185.	128.4	-5.0	2.7	176.2	286.5
135.0	S				CS2				79.	185.	134.8	-5.4	2.9	175.9	289.7
141.3	S				CS2				74.	185.	141.1	-5.8	3.0	175.6	292.8
147.5	S				CS2				70.	185.	147.3	-6.3	3.2	175.3	295.9
152.4	R										152.1	-6.7	3.4	175.0	298.3
153.8	S				CS2				90.	185.	153.5	-6.8	3.5	174.9	298.6
160.0	S				CS2				82.	185.	159.7	-7.3	3.7	174.7	300.1
166.1	S				CS2				73.	185.	165.8	-7.7	4.0	174.5	301.6
171.0	S				CS2				75.	185.	170.7	-8.2	4.3	174.3	302.8
177.4	S				CS2				78.	185.	177.0	-8.7	4.7	174.1	304.4
182.9	R										182.5	-9.2	5.0	173.9	305.7
183.6	S				CS2				78.	185.	183.2	-9.2	5.0	173.9	305.7
188.8	L	16 5B0									188.4	-9.7	5.3	173.9	305.5
189.6	S				CS2				75.	185.	189.2	-9.7	5.4	173.9	305.4
190.4	L	17 5B0									190.0	-9.8	5.4	173.9	305.4
196.0	S				CS2				66.	185.	195.5	-10.3	5.8	173.9	305.2
202.2	S				CS2				74.	185.	201.7	-10.8	6.2	173.8	304.9
208.5	S				CS2				81.	185.	208.0	-11.4	6.6	173.8	304.7
213.4	R										212.8	-11.8	6.8	173.8	304.5
214.7	S				CS2				80.	185.	214.1	-11.9	6.9	173.7	305.1
219.9	L	18 5B0									219.3	-12.4	7.3	173.4	307.5
220.7	S				CS2				85.	185.	220.1	-12.5	7.3	173.3	307.8
220.9	L	19 5D3									220.3	-12.5	7.3	173.3	307.9
226.8	S				CS2				84.	185.	226.1	-13.0	7.8	172.9	310.6
233.2	S				CS2				79.	185.	232.5	-13.6	8.3	172.4	313.6
239.3	S				CS2				67.	185.	238.5	-14.2	8.9	172.0	316.3

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* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
243.8	R										243.0	-14.7	9.4	171.7	318.4
245.4	S				CS2				73.	185.	244.6	-14.8	9.6	171.7	318.5
251.5	S				CS2				80.	185.	250.6	-15.4	10.2	171.8	318.7
257.5	S				CS2				80.	185.	256.5	-16.0	10.9	171.8	318.9
263.6	S				CS2				84.	185.	262.6	-16.5	11.5	171.9	319.1
269.7	S				CS2				70.	185.	268.6	-17.1	12.2	172.0	319.3
274.3	R										273.2	-17.5	12.7	172.0	319.5
275.8	S				CS2				75.	185.	274.7	-17.6	12.8	172.0	319.7
277.6	L	20 5B0									276.4	-17.8	13.0	171.9	320.0
281.9	S				CS2				75.	185.	280.7	-18.2	13.5	171.9	320.6
288.6	S				CS2				72.	185.	287.3	-18.8	14.2	171.8	321.5
294.3	L	21 5B7									293.0	-19.3	14.9	171.7	322.3
294.6	S				CS2				77.	185.	293.3	-19.3	14.9	171.7	322.4
296.7	L	22 5D3									295.3	-19.5	15.1	171.6	322.7
300.2	S				CS2				78.	185.	298.8	-19.8	15.5	171.6	323.2
304.8	R										303.4	-20.2	16.1	171.5	323.8
307.8	S				CS2				82.	185.	306.3	-20.5	16.5	171.4	325.1
315.1	L	23 5B7									313.5	-21.1	17.4	171.3	328.4
315.5	S				CS2				74.	185.	313.9	-21.1	17.4	171.3	328.6
318.5	L	24 5D3									316.9	-21.3	17.8	171.2	329.9
321.0	S				CS2				75.	185.	319.4	-21.5	18.1	171.2	331.0
323.3	L	25 5B6									321.6	-21.7	18.5	171.1	332.0
328.0	S				CS2				78.	185.	326.3	-22.0	19.1	171.0	334.1
333.9	S				CS2				52.	185.	332.1	-22.4	19.9	170.9	336.8
335.3	R										333.5	-22.5	20.1	170.9	337.4
335.7	L	26 5B7									333.9	-22.5	20.2	170.9	337.5
339.8	S				CS2				85.	185.	337.9	-22.8	20.8	170.5	338.2
342.6	L	27 5B7									340.7	-22.9	21.3	170.3	338.6
345.1	L	28 5D3									343.2	-23.1	21.6	170.1	339.0
345.9	S				CS2				66.	185.	344.0	-23.1	21.8	170.1	339.2
352.0	S				CS2				80.	185.	350.0	-23.5	22.8	169.6	340.2
352.4	L	29 5B7									350.4	-23.5	22.9	169.6	340.3
354.1	L	30 5D3									352.0	-23.6	23.1	169.4	340.5
358.1	S				CS2				73.	185.	356.0	-23.9	23.9	169.1	341.2

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* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
361.5	L	31 5B7						359.3	-24.1	24.5	168.8	341.8
364.2	L	32 5D3						361.9	-24.3	25.0	168.6	342.2
364.3	S			CS2			75. 185.	362.0	-24.3	25.0	168.6	342.2
365.8	R							363.5	-24.4	25.3	168.5	342.5
369.2	S			CS2			75. 185.	366.8	-24.6	25.9	168.6	342.3
370.9	L	33 5B7						368.5	-24.7	26.2	168.6	342.1
375.2	L	34 5D3						372.7	-24.9	27.0	168.7	341.8
375.2	S			CS2			80. 185.	372.7	-24.9	27.0	168.7	341.8
378.8	L	35 5B4						376.3	-25.1	27.7	168.8	341.6
379.6	L	36 5D3						377.0	-25.2	27.9	168.8	341.5
380.6	L	37 5D6						378.0	-25.3	28.0	168.8	341.4
381.4	S			CS2			69. 185.	378.8	-25.3	28.2	168.9	341.4
382.5	L	38 5B6						379.9	-25.4	28.4	168.9	341.3
384.6	L	39 5B7						381.9	-25.5	28.8	168.9	341.1
387.1	L	40 5D3						384.4	-25.7	29.2	169.0	341.0
387.7	S			CS2			78. 185.	385.0	-25.7	29.3	169.0	340.9
388.6	L	41 5B7						385.9	-25.8	29.5	169.0	340.9
394.3	L	42 0E8						391.5	-26.1	30.5	169.2	340.4
394.8	S			CS2			80. 185.	392.0	-26.1	30.6	169.2	340.4
396.2	R							393.3	-26.2	30.8	169.2	340.3
397.7	L	43 5B0						394.8	-26.3	31.1	169.1	340.6
399.3	L	44 5B2						396.4	-26.4	31.4	169.1	340.8
400.9	S			CS2			72. 185.	397.9	-26.5	31.7	169.0	341.1
404.1	L	45 5B0						401.1	-26.7	32.3	168.9	341.7
405.3	S			CS2			65. 185.	402.3	-26.8	32.5	168.9	341.9
407.6	L	46 5B7						404.5	-26.9	32.9	168.8	342.3
411.5	S			CS2			85. 185.	408.3	-27.2	33.6	168.6	343.0
413.1	L	47 5D3						409.9	-27.2	33.9	168.6	343.3
417.6	S			CS2			85. 185.	414.3	-27.5	34.8	168.4	344.1
419.1	L	48 5B7						415.8	-27.6	35.1	168.4	344.4
424.0	S			CS2			69. 185.	420.6	-27.8	36.0	168.2	345.2
426.7	R							423.2	-28.0	36.6	168.1	345.7
429.6	L	49 5D3						426.1	-28.1	37.2	167.9	345.5
430.2	S			CS2			85. 185.	426.7	-28.2	37.3	167.9	345.4
435.3	L	50 5B7						431.6	-28.4	38.3	167.6	345.1
437.5	L	51 0E8						433.8	-28.6	38.8	167.5	344.9

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* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	S1 SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
450.2	L	52 0C0									446.2	-29.3	41.5	166.8	344.0
452.8	L	53 0E8									448.7	-29.5	42.1	166.6	343.8
454.8	S				CS2				75.	185.	450.7	-29.6	42.5	166.5	343.7
456.6	L	54 5D3									452.4	-29.7	42.9	166.4	343.5
457.2	R										453.0	-29.8	43.1	166.4	343.5
459.5	S				CS2				60.	185.	455.2	-29.9	43.6	166.1	343.0
462.7	L	55 5GD									458.3	-30.2	44.3	165.8	342.3
463.5	L	56 5D3									459.1	-30.2	44.5	165.7	342.2
465.1	L	57 5B7									460.6	-30.3	44.9	165.5	341.8
465.7	S				CS2				82.	185.	461.2	-30.4	45.0	165.5	341.7
469.2	L	58 5D3									464.6	-30.7	45.9	165.1	341.0
470.2	L	59 4L7									465.6	-30.8	46.1	165.0	340.8
472.0	S				CS2				70.	185.	467.3	-30.9	46.6	164.8	340.4
478.2	S				CS2				70.	185.	473.3	-31.5	48.1	164.1	339.1
480.7	L	60 5D5									475.7	-31.7	48.8	163.8	338.6
484.6	S				CS2				66.	185.	479.4	-32.2	49.8	163.3	337.8
487.7	R										482.4	-32.5	50.6	163.0	337.1
488.3	L	61 5C6									483.0	-32.6	50.8	163.0	337.1
492.2	S				CS2				77.	185.	486.7	-33.0	51.9	162.9	336.8
497.4	L	62 5D3									491.7	-33.6	53.3	162.8	336.4
497.7	S				CS2				73.	185.	492.0	-33.7	53.3	162.8	336.4
504.0	S				CS2				73.	185.	498.0	-34.4	55.1	162.6	336.0
510.3	S				CS2				79.	185.	504.0	-35.2	56.8	162.5	335.5
511.4	L	63 5AD									505.0	-35.3	57.1	162.5	335.5
514.2	L	64 5D3									507.7	-35.7	57.9	162.4	335.3
518.2	R										511.5	-36.2	59.0	162.3	335.0
518.4	L	65 5D6									511.7	-36.2	59.0	162.3	334.9
518.6	S				F2	S			75.	185.	511.9	-36.2	59.1	162.3	334.9
519.5	P		2737	2.							512.7	-36.4	59.3	162.4	334.6
520.6	L	66 4G4									513.8	-36.5	59.6	162.4	334.3
520.7	S				F2	Z			70.	185.	513.9	-36.5	59.6	162.4	334.3
525.7	L	67 5D3									518.7	-37.2	61.0	162.7	332.9
528.5	S				F2	3			80.	185.	521.3	-37.6	61.7	162.9	332.1
530.1	L	68 5D3									522.9	-37.8	62.1	163.0	331.6
532.3	L	69 5D0									525.0	-38.1	62.7	163.1	331.0
532.8	P		2738	1.							525.5	-38.2	62.8	163.2	330.8

****
* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
609.6	R										599.2	-47.4	82.0	163.3	342.0
610.5	L	86 5D3									600.1	-47.4	82.2	163.2	341.5
611.4	S				CS2				74.	185.	600.9	-47.5	82.5	163.2	341.0
617.7	L	87 5DB									607.0	-48.2	84.2	162.7	337.5
618.4	S				CS2				73.	185.	607.6	-48.3	84.4	162.6	337.1
624.8	S				CS2				72.	185.	613.7	-49.1	86.2	162.2	333.5
625.9	L	88 5B0									614.8	-49.2	86.5	162.1	332.9
628.8	L	89 5B2									617.5	-49.6	87.3	161.9	331.2
629.4	S				CS2				71.	185.	618.1	-49.7	87.4	161.8	330.9
635.5	S				CS2				73.	185.	623.9	-50.7	89.1	161.3	327.5
640.1	R										628.2	-51.5	90.3	161.0	324.9
641.1	S				CS2				78.	185.	629.2	-51.7	90.6	161.0	324.6
647.4	S				CS2				72.	185.	635.1	-53.0	92.3	160.7	322.9
653.8	S				CS2				70.	185.	641.2	-54.3	93.9	160.4	321.1
662.9	S				CS2				73.	185.	649.7	-56.3	96.3	159.9	318.6
667.5	R										654.1	-57.3	97.5	159.7	317.3
669.0	S				CS2				90.	185.	655.5	-57.7	97.9	159.7	317.3
674.8	S				CS2				90.	185.	660.9	-59.1	99.3	159.7	317.3
675.0	L	90 5B6									661.1	-59.1	99.4	159.7	317.3
675.0	R										661.1	-59.1	99.4	159.7	317.3

****
* DDH: 78X04GY * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 0. METERS NORTH: 0. METERS ELEV: 5000.0 METERS DYE SURVEY

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
519.5	2	273.7	95.3	5.38	12.19	17.57	0.	.03	0.	0.	0.	0.	0.
532.8	1	273.8	51.0	4.42	12.45	16.87	0.	.01	0.	0.	0.	0.	0.
533.6	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
534.2	0	273.9	43.7	3.77	10.82	14.59	0.	.01	0.	0.	0.	0.	0.
557.6	2	274.0	182.0	11.28	15.25	26.55	0.	.04	0.	0.	0.	0.	0.
559.3	1	274.1	134.0	8.72	13.04	21.76	0.	.29	0.	0.	0.	0.	0.
561.0	2	274.2	125.0	8.23	10.39	18.62	0.	.09	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 675.00 METERS ENTRIES = 281

****
* DDH: 78-X-05 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 306
POINTS = 303 MAX DDH DEPTH = 711.4 METERS
MAX TRUE DEPTH = 700.1 METERS

EASTING: -89.5 - 0. METERS
NORTHING: -14.6 - 36.9 METERS

TYPE C DATA (CONTACTS) ----- 84
TYPE F DATA (PLANES) ------- 108
TYPE P DATA (SAMPLES) ------ 13
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 35
TYPE A DATA (SAMPLE MARKERS) 26
TYPE V DATA (ASSAY VALUES)-- 13

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	45.5	01 #	22	299.0	22 5D3	43	508.0	43 5B0	64	603.9	64 5D6
2	72.2	02 5B2	23	301.8	23 5B0	44	515.1	44 5D3	65	604.2	65 4E6
3	77.2	03 5B0	24	305.9	24 5D3	45	517.5	45 5B7	66	605.9	66 5D6
4	85.9	04 5B2	25	310.5	25 5B0	46	520.1	46 5D3	67	608.3	67 5A6
5	93.2	05 5B0	26	312.6	26 5D3	47	545.1	47 5B7	68	609.2	68 4H0
6	116.6	06 5B2	27	326.5	27 5B7	48	546.7	48 5D3	69	609.8	69 5B6
7	121.7	07 5B0	28	329.0	28 5D3	49	563.7	49 5B7	70	613.2	70 5D6
8	127.7	08 5B6	29	335.1	29 5B7	50	569.8	50 5DB	71	621.6	71 5B7
9	129.4	09 5B0	30	336.5	30 5D3	51	573.2	51 5B7	72	622.7	72 5D3
10	138.5	10 5B6	31	356.6	31 5B7	52	578.6	52 5DB	73	636.3	73 5B6
11	172.2	11 5B2	32	358.1	32 5D3	53	581.0	53 5D6	74	637.0	74 5D3
12	184.4	12 0F0	33	379.6	33 5B7	54	586.3	54 5B6	75	645.4	75 5B7
13	190.0	13 0E8	34	382.4	34 5D3	55	589.8	55 4D0	76	648.4	76 5A3
14	198.9	14 5B0	35	449.7	35 5B7	56	591.1	56 4A3	77	648.9	77 4E0
15	199.4	15 5D3	36	450.7	36 5D3	57	591.8	57 4D0	78	650.5	78 5A0
16	200.4	16 5B0	37	451.1	37 4C0	58	592.3	58 4A3	79	660.2	79 5DB
17	201.5	17 5D3	38	463.1	38 5B7	59	592.7	59 4D0	80	668.5	80 5B6
18	211.8	18 5B2	39	473.4	39 5D3	60	593.8	60 4D0	81	668.8	81 5D3
19	278.0	19 5B0	40	473.7	40 5E0	61	596.2	61 4D0	82	701.7	82 5B6
20	294.5	20 5B7	41	493.3	41 5D3	62	598.0	62 4D0	83	702.4	83 5D3
21	297.3	21 5B0	42	495.7	42 5D3	63	603.2	63 4D0	84	711.4	84 5B6

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  78-X-05     *    START PLOT NUMBER  1
**************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   -.97 -    .49 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  27.56 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   711.4 METERS     J =   1 - 303

     MAX PAPER WIDTH REQUIRED:   31.0 INCHES


***** PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  78-X-05     *    START PLOT NUMBER  2
**************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:   -.97 -    .49 (INCHES)
     Y-AXIS BOREHOLE LENGTH:  27.56 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   711.4 METERS     J =   1 - 303

     MAX PAPER WIDTH REQUIRED:   31.0 INCHES
```

****
* DDH: 78-X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
47.5	173.6	224.2						83.	185.	.8	185.0	-.7	-.20	-.00
52.9	172.7	225.3						56.	185.	28.1	185.0	-27.8	-.18	-.09
59.3	171.7	226.5						75.	185.	7.7	185.0	-7.6	-.20	-.03
65.2	171.3	227.2						74.	185.	8.5	185.0	-8.3	-.20	-.03
71.9	171.2	227.9						59.	185.	24.0	185.0	-23.7	-.18	-.08
78.2	171.1	228.6						75.	185.	7.2	185.0	-7.1	-.20	-.02
84.5	170.9	229.2						78.	185.	3.7	185.0	-3.6	-.20	-.01
90.0	170.8	229.8						80.	185.	1.1	185.0	-1.1	-.20	-.00
96.0	171.0	231.2						74.	185.	8.4	185.0	-8.3	-.20	-.03
102.1	171.2	233.0						80.	185.	1.7	185.0	-1.7	-.20	-.01
108.4	171.4	234.8						70.	185.	13.4	185.0	-13.2	-.19	-.05
114.9	171.6	236.7						79.	185.	3.6	185.0	-3.5	-.20	-.01
121.0	171.8	238.4						78.	185.	5.1	185.0	-5.1	-.20	-.02
127.2	171.9	239.8						80.	185.	2.8	185.0	-2.8	-.20	-.01
133.4	172.0	241.0						79.	185.	4.3	185.0	-4.2	-.20	-.01
139.6	172.0	242.2						80.	185.	3.1	185.0	-3.0	-.20	-.01
145.6	172.1	243.4						85.	185.					
157.0	172.2	245.9						78.	185.	6.1	185.0	-6.0	-.20	-.02
160.0	172.2	246.5						82.	185.	.4	185.0	-.4	-.20	-.00
162.5	172.1	247.1						56.	185.	29.6	185.0	-29.3	-.17	-.10
168.8	172.1	248.6						74.	185.	10.9	185.0	-10.7	-.20	-.04
191.0	172.2	253.1						75.	185.	10.3	185.0	-10.1	-.20	-.04
196.6	172.4	254.0						82.	185.					
202.7	172.5	255.0						67.	185.	19.4	185.0	-19.1	-.19	-.07
208.5	172.7	255.9						81.	185.	3.4	185.0	-3.3	-.20	-.01
213.9	172.8	256.8						74.	185.	12.2	185.0	-12.1	-.20	-.04
220.6	172.8	257.8						82.	185.					
225.4	172.8	258.6						82.	185.					
231.7	172.9	259.5						78.	185.	8.0	185.0	-7.9	-.20	-.03
237.3	172.9	260.4						80.	185.	5.5	185.0	-5.4	-.20	-.02
243.1	172.9	261.3						75.	185.	11.7	185.0	-11.5	-.20	-.04
249.0	172.9	263.5						72.	185.	15.2	185.0	-15.0	-.19	-.05
253.9	172.9	265.6						63.	185.	25.0	185.0	-24.6	-.18	-.08
260.3	172.9	268.2						73.	185.	14.7	185.0	-14.5	-.19	-.05
266.4	172.9	270.7						75.	185.	13.3	185.0	-13.1	-.19	-.05
272.2	172.9	273.1						82.	185.	3.7	185.0	-3.7	-.20	-.01
279.0	172.7	275.5						68.	185.	20.8	185.0	-20.5	-.19	-.07
284.4	172.4	277.3						80.	185.	6.5	185.0	-6.4	-.20	-.02
290.2	172.1	279.2						83.	185.					
296.3	171.7	281.1						70.	185.	19.2	185.0	-18.9	-.19	-.06
302.7	171.4	283.2						87.	185.					

****
* DDH: 78-X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
308.9	171.3	283.1						83.	185.					
315.5	171.4	281.7						72.	185.	16.9	185.0	-16.7	-.19	-.06
321.6	171.5	280.4						84.	185.					
328.9	171.5	278.9						80.	185.	5.4	185.0	-5.3	-.20	-.02
333.4	171.6	278.0						77.	185.	10.0	185.0	-9.8	-.20	-.03
339.7	171.5	276.1						85.	185.					
345.9	171.5	273.9						78.	185.	8.5	185.0	-8.4	-.20	-.03
352.0	171.4	271.7						75.	185.	12.4	185.0	-12.2	-.20	-.04
358.1	171.3	269.6						66.	185.	21.6	185.0	-21.3	-.19	-.07
364.2	171.2	267.4						78.	185.					
369.3	171.2	267.7						72.	185.	14.7	185.0	-14.5	-.19	-.05
375.9	171.1	269.1						75.	185.	11.2	185.0	-11.1	-.20	-.04
381.5	171.1	270.4						52.	185.	36.4	185.0	-36.0	-.16	-.12
388.1	171.1	271.8						70.	185.	18.0	185.0	-17.7	-.19	-.06
393.2	171.0	272.9						73.	185.	14.5	185.0	-14.3	-.19	-.05
396.8	171.0	274.2						58.	185.	30.8	185.0	-30.5	-.17	-.10
404.3	170.8	281.2						82.	185.					
409.5	170.6	286.2						78.	185.	9.6	185.0	-9.4	-.20	-.03
415.3	170.4	291.6						85.	185.					
420.9	170.3	296.9						82.	185.					
426.9	170.1	302.4						70.	185.	22.6	185.0	-22.3	-.19	-.08
433.5	169.7	302.3						75.	185.	16.7	185.0	-16.5	-.19	-.06
439.6	169.3	302.3						83.	185.					
445.9	168.8	302.2						74.	185.	17.8	185.0	-17.5	-.19	-.06
451.4	168.5	302.2						64.	185.	29.4	185.0	-29.0	-.17	-.10
457.0	168.1	302.1						77.	185.	13.1	185.0	-12.9	-.19	-.04
463.6	167.7	302.5						66.	185.	27.3	185.0	-26.9	-.18	-.09
469.7	167.4	302.8						70.	185.	22.7	185.0	-22.4	-.18	-.08
475.8	167.0	303.1						74.	185.	17.5	185.0	-17.2	-.19	-.06
482.2	166.6	303.5						79.	185.					
488.4	166.3	303.9						76.	185.	14.0	185.0	-13.8	-.19	-.05
494.7	166.0	304.8						73.	185.	19.1	185.0	-18.8	-.19	-.06
502.4	165.7	305.9						66.	185.	28.3	185.0	-27.9	-.18	-.09
507.5	165.5	306.7						74.	185.	18.1	185.0	-17.8	-.19	-.06
513.6	165.2	307.5						76.	185.	1.6	185.0	-1.6	-.20	-.01
										14.6	185.0	-14.3	-.19	-.05
519.7	165.0	308.6						80.	185.					
525.5	165.0	310.1						79.	185.					
531.7	165.1	311.7						73.	185.	21.3	185.0	-21.0	-.19	-.07
537.9	165.1	313.3						79.	185.					
544.0	165.2	314.8						80.	185.					

****
* DDH: 78-X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
550.1	165.2	316.3						76.	185.	1.3	185.0	-1.2	-.20	-.00
										18.5	185.0	-18.3	-.19	-.06
556.2	165.4	317.6						78.	185.	4.5	185.0	-4.5	-.20	-.02
										15.5	185.0	-15.3	-.19	-.05
562.2	165.6	318.9						79.	185.	6.3	185.0	-6.2	-.20	-.02
										13.9	185.0	-13.7	-.19	-.05
568.4	165.8	320.2						75.	185.	21.5	185.0	-21.2	-.19	-.07
573.8	166.0	321.4						86.	185.					
581.6	166.4	323.7						46.	185.	53.6	185.0	-53.1	-.12	-.16
589.9	166.9	327.6						74.	185.	24.4	185.0	-24.1	-.18	-.08
596.2	167.3	330.5						73.	185.	26.0	185.0	-25.6	-.18	-.09
602.9	167.8	333.7						65.	185.	34.7	185.0	-34.3	-.17	-.11
610.0	168.2	336.9						72.	185.	27.6	185.0	-27.2	-.18	-.09
615.6	168.3	338.9						75.	185.	24.7	185.0	-24.3	-.18	-.08
621.9	168.4	341.2						60.	185.	40.3	185.0	-39.9	-.15	-.13
627.9	168.5	343.3						66.	185.	34.4	185.0	-33.9	-.17	-.11
633.9	168.6	345.5						76.	185.	24.3	185.0	-23.9	-.18	-.08
640.1	168.7	347.7						80.	185.	1.4	185.0	-1.3	-.20	-.00
										20.2	185.0	-19.9	-.19	-.07
646.2	168.4	345.7						66.	185.	34.7	185.0	-34.3	-.17	-.11
651.3	168.1	344.0						75.	185.	25.5	185.0	-25.2	-.18	-.09
656.4	167.9	342.3						76.	185.	24.4	185.0	-24.1	-.18	-.08
662.4	167.6	340.3						78.	185.	.4	185.0	-.4	-.20	-.00
										22.2	185.0	-21.8	-.19	-.07
668.9	167.3	338.1						75.	185.	25.3	185.0	-24.9	-.18	-.08
674.1	167.2	337.6						73.	185.	27.4	185.0	-27.0	-.18	-.09
679.4	167.2	337.6						80.	185.	3.3	185.0	-3.2	-.20	-.01
										19.5	185.0	-19.3	-.19	-.07
685.6	167.2	337.6						70.	185.	30.6	185.0	-30.2	-.17	-.10
691.2	167.2	337.6						77.	185.	23.0	185.0	-22.7	-.18	-.08
697.0	167.2	337.6						79.	185.	2.1	185.0	-2.0	-.20	-.01
										20.7	185.0	-20.4	-.19	-.07
702.4	167.2	337.6						53.	185.	48.0	185.0	-47.6	-.13	-.15
708.9	167.2	337.6						73.	185.	27.4	185.0	-27.0	-.18	-.09

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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**************************
*     DDH:  78-X-05      *     START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -3.78 - .00 (INCHES)
Y-AXIS BOREHOLE LENGTH: 27.56 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 711.4 METERS J = 1 - 303

MAX PAPER WIDTH REQUIRED: 31.0 INCHES

****
* DDH: 78-X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP	H	V
47.5	173.6	224.2						83. 185.	.8	185.0	.1	.20	.00
52.9	172.7	225.3						56. 185.	28.1	185.0	5.3	.20	.02
59.3	171.7	226.5						75. 185.	7.7	185.0	1.4	.20	.00
65.2	171.3	227.2						74. 185.	8.5	185.0	1.5	.20	.01
71.9	171.2	227.9						59. 185.	24.0	185.0	4.4	.20	.02
78.2	171.1	228.6						75. 185.	7.2	185.0	1.3	.20	.00
84.5	170.9	229.2						78. 185.	3.7	185.0	.6	.20	.00
90.0	170.8	229.8						80. 185.	1.1	185.0	.2	.20	.00
96.0	171.0	231.2						74. 185.	8.4	185.0	1.5	.20	.01
102.1	171.2	233.0						80. 185.	1.7	185.0	.3	.20	.00
108.4	171.4	234.8						70. 185.	13.4	185.0	2.4	.20	.01
114.9	171.6	236.7						79. 185.	3.6	185.0	.6	.20	.00
121.0	171.8	238.4						78. 185.	5.1	185.0	.9	.20	.00
127.2	171.9	239.8						80. 185.	2.8	185.0	.5	.20	.00
133.4	172.0	241.0						79. 185.	4.3	185.0	.7	.20	.00
139.6	172.0	242.2						80. 185.	3.1	185.0	.5	.20	.00
145.6	172.1	243.4						85. 185.					
157.0	172.2	245.9						78. 185.	6.1	185.0	1.1	.20	.00
160.0	172.2	246.5						82. 185.	.4	185.0	.1	.20	.00
162.5	172.1	247.1						56. 185.	29.6	185.0	5.6	.20	.02
168.8	172.1	248.6						74. 185.	10.9	185.0	1.9	.20	.01
191.0	172.2	253.1						75. 185.	10.3	185.0	1.8	.20	.01
196.6	172.4	254.0						82. 185.					
202.7	172.5	255.0						67. 185.	19.4	185.0	3.5	.20	.01
208.5	172.7	255.9						81. 185.	3.4	185.0	.6	.20	.00
213.9	172.8	256.8						74. 185.	12.2	185.0	2.2	.20	.01
220.6	172.8	257.8						82. 185.					
225.4	172.8	258.6						82. 185.					
231.7	172.9	259.5						78. 185.	8.0	185.0	1.4	.20	.00
237.3	172.9	260.4						80. 185.	5.5	185.0	1.0	.20	.00
243.1	172.9	261.3						75. 185.	11.7	185.0	2.1	.20	.01
249.0	172.9	263.5						72. 185.	15.2	185.0	2.7	.20	.01
253.9	172.9	265.6						63. 185.	25.0	185.0	4.6	.20	.02
260.3	172.9	268.2						73. 185.	14.7	185.0	2.6	.20	.01
266.4	172.9	270.7						75. 185.	13.3	185.0	2.3	.20	.01
272.2	172.9	273.1						82. 185.	3.7	185.0	.6	.20	.00
279.0	172.7	275.5						68. 185.	20.8	185.0	3.8	.20	.01
284.4	172.4	277.3						80. 185.	6.5	185.0	1.1	.20	.00
290.2	172.1	279.2						83. 185.					
296.3	171.7	281.1						70. 185.	19.2	185.0	3.5	.20	.01
302.7	171.4	283.2						87. 185.					

****
* DDH: 78-X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED	CALCULATED				OBSERVED	CALCULATED				PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP		CA DIPD	DIP	DIPD	AP-DIP		H	V
308.9	171.3	283.1						83. 185.						
315.5	171.4	281.7						72. 185.	16.9	185.0	3.0		.20	.01
321.6	171.5	280.4						84. 185.						
328.9	171.5	278.9						80. 185.	5.4	185.0	.9		.20	.00
333.4	171.6	278.0						77. 185.	10.0	185.0	1.7		.20	.01
339.7	171.5	276.1						85. 185.						
345.9	171.5	273.9						78. 185.	8.5	185.0	1.5		.20	.01
352.0	171.4	271.7						75. 185.	12.4	185.0	2.2		.20	.01
358.1	171.3	269.6						66. 185.	21.6	185.0	3.9		.20	.01
364.2	171.2	267.4						78. 185.						
369.3	171.2	267.7						72. 185.	14.7	185.0	2.6		.20	.01
375.9	171.1	269.1						75. 185.	11.2	185.0	2.0		.20	.01
381.5	171.1	270.4						52. 185.	36.4	185.0	7.3		.20	.03
388.1	171.1	271.8						70. 185.	18.0	185.0	3.2		.20	.01
393.2	171.0	272.9						73. 185.	14.5	185.0	2.6		.20	.01
396.8	171.0	274.2						58. 185.	30.8	185.0	5.9		.20	.02
404.3	170.8	281.2						82. 185.						
409.5	170.6	286.2						78. 185.	9.6	185.0	1.7		.20	.01
415.3	170.4	291.6						85. 185.						
420.9	170.3	296.9						82. 185.						
426.9	170.1	302.4						70. 185.	22.6	185.0	4.1		.20	.01
433.5	169.7	302.3						75. 185.	16.7	185.0	3.0		.20	.01
439.6	169.3	302.3						83. 185.						
445.9	168.8	302.2						74. 185.	17.8	185.0	3.2		.20	.01
451.4	168.5	302.2						64. 185.	29.4	185.0	5.6		.20	.02
457.0	168.1	302.1						77. 185.	13.1	185.0	2.3		.20	.01
463.6	167.7	302.5						66. 185.	27.3	185.0	5.1		.20	.02
469.7	167.4	302.8						70. 185.	22.7	185.0	4.2		.20	.01
475.8	167.0	303.1						74. 185.	17.5	185.0	3.1		.20	.01
482.2	166.6	303.5						79. 185.						
488.4	166.3	303.9						76. 185.	14.0	185.0	2.5		.20	.01
494.7	166.0	304.8						73. 185.	19.1	185.0	3.4		.20	.01
502.4	165.7	305.9						66. 185.	28.3	185.0	5.3		.20	.02
507.5	165.5	306.7						74. 185.	18.1	185.0	3.2		.20	.01
513.6	165.2	307.5						76. 185.	1.6	185.0	.3		.20	.00
									14.6	185.0	2.6		.20	.01
519.7	165.0	308.6						80. 185.						
525.5	165.0	310.1						79. 185.						
531.7	165.1	311.7						73. 185.	21.3	185.0	3.9		.20	.01
537.9	165.1	313.3						79. 185.						
544.0	165.2	314.8						80. 185.						

```
!EQUATE  2  78X06.TD
!DEFINE 78X06.PF    KEY:0 ON:SPN
!EQUATE 20 78X06.PF
!DDHPLT.DH
```

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**************************
*     DDH:  78-X-06      *     PLOT OF CORRECTED DRILLHOLE DATA
**************************
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DATA READ COMPLETED -- CARDS = 199
POINTS = 197 MAX DDH DEPTH = 614.8 METERS
MAX TRUE DEPTH = 605.8 METERS
EASTING: -19.6 - 19.3 METERS
NORTHING: -.8 - 56.8 METERS

TYPE C DATA (CONTACTS) -----	57
TYPE F DATA (PLANES) -------	88
TYPE P DATA (SAMPLES) ------	0
TYPE S DATA (SYMMETRY) -----	0
TYPE X DATA (REF MARKERS) --	30
TYPE A DATA (SAMPLE MARKERS)	0
TYPE V DATA (ASSAY VALUES)--	0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	28.0	01 #	16	285.5	16 5D3	31	431.4	31 5D3	46	495.4	46 5B6
2	56.3	02 5B6	17	299.8	17 5B7	32	434.9	32 5B7	47	495.9	47 4E0
3	100.7	03 5B0	18	304.6	18 5D0	33	436.7	33 5D3	48	498.2	48 4A0
4	101.0	04 5D3	19	308.9	19 5B7	34	446.5	34 5B7	49	498.4	49 0D0
5	109.7	05 5B0	20	309.9	20 5D3	35	449.1	35 5D3	50	502.7	50 5B6
6	111.5	06 5D3	21	319.3	21 5B7	36	454.8	36 5B0	51	512.0	51 0D0
7	160.0	07 5B0	22	320.4	22 5D3	37	456.8	37 5D3	52	519.6	52 0F6
8	168.2	08 5B6	23	323.6	23 5B7	38	460.6	38 5B0	53	541.0	53 0D0
9	171.4	09 5B0	24	331.0	24 5D3	39	462.7	39 5D3	54	548.8	54 5A1
10	177.4	10 5B6	25	335.1	25 5BD	40	470.6	40 5B0	55	562.3	55 3D1
11	189.6	11 5B0	26	338.1	26 5B7	41	472.0	41 5D3	56	594.7	56 3D4
12	232.0	12 5B6	27	341.3	27 5D3	42	481.5	42 5BD	57	614.8	57 3G0
13	245.7	13 5B0	28	381.1	28 5B7	43	484.7	43 5A1			
14	246.1	14 5D3	29	387.1	29 5BD	44	485.2	44 5D3			
15	281.3	15 5B7	30	427.2	30 5B7	45	485.7	45 5A1			

```
PROGRAM COMMAND:  PLOTA,1000,015


          **************************
          *     DDH:  78-X-06      *    START PLOT NUMBER  1
          **************************

               PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:   -.08 -   2.36 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  23.85 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   614.8 METERS     J =   1 - 197

               MAX PAPER WIDTH REQUIRED:   27.0 INCHES

          *****  PLOT NUMBER  1 FINISHED  *****

PROGRAM COMMAND:  PLOTB,1000,015


          **************************
          *     DDH:  78-X-06      *    START PLOT NUMBER  2
          **************************

               PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:   -.08 -   2.36 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  23.85 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   614.8 METERS     J =   1 - 197

               MAX PAPER WIDTH REQUIRED:   27.0 INCHES
```

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
29.6	179.8	188.9						65.	185.	25.0	185.0	-24.7	-.18	-.08
35.4	179.5	195.4						67.	185.	22.5	185.0	-22.2	-.19	-.08
41.8	179.1	210.7						70.	185.	19.2	185.0	-18.9	-.19	-.06
47.8	178.7	225.0						68.	185.	21.0	185.0	-20.7	-.19	-.07
53.9	178.3	239.6						83.	185.					
59.6	178.0	253.2						72.	185.	17.2	185.0	-16.9	-.19	-.06
65.5	177.7	257.6						85.	185.					
71.9	177.3	259.1						80.	185.					
78.0	177.0	260.5						85.	185.					
84.1	176.7	262.0						75.	185.	13.9	185.0	-13.7	-.19	-.05
90.4	176.4	263.5						85.	185.					
96.6	176.2	264.6						82.	185.					
102.7	176.2	265.7						85.	185.					
108.7	176.1	266.8						68.	185.	21.1	185.0	-20.8	-.19	-.07
114.9	176.1	267.9						78.	185.	11.4	185.0	-11.2	-.20	-.04
121.1	176.0	269.1						85.	185.					
127.1	175.7	272.1						82.	185.	6.8	185.0	-6.7	-.20	-.02
133.2	175.3	275.6						75.	185.	14.3	185.0	-14.1	-.19	-.05
139.3	175.0	279.0						80.	185.	8.7	185.0	-8.6	-.20	-.03
145.4	174.6	282.5						81.	185.	7.3	185.0	-7.2	-.20	-.02
151.4	174.3	285.8						90.	185.					
157.6	174.1	287.7						85.	185.					
163.7	174.1	289.2						75.	185.	15.3	185.0	-15.1	-.19	-.05
168.7	174.0	290.4						87.	185.					
174.4	174.0	291.8						84.	185.	2.5	185.0	-2.4	-.20	-.01
181.0	173.9	293.4						83.	185.	4.4	185.0	-4.3	-.20	-.02
187.8	174.0	293.9						80.	185.	10.2	185.0	-10.0	-.20	-.03
193.4	174.2	293.8						68.	185.	23.2	185.0	-22.9	-.18	-.08
201.0	174.4	293.7						80.	185.	10.3	185.0	-10.1	-.20	-.04
208.0	174.6	293.7						82.	185.	7.9	185.0	-7.8	-.20	-.03
214.1	174.8	293.6						80.	185.	10.4	185.0	-10.2	-.20	-.04
220.4	175.0	293.8						81.	185.	9.3	185.0	-9.1	-.20	-.03
223.1	175.1	293.9						68.	185.	23.1	185.0	-22.8	-.18	-.08
226.9	175.2	294.0						80.	185.	10.5	185.0	-10.3	-.20	-.04
239.6	175.5	294.3						78.	185.	12.7	185.0	-12.5	-.20	-.04
245.5	175.6	295.0						72.	185.	19.0	185.0	-18.8	-.19	-.06
252.0	175.4	297.3						79.	185.	11.9	185.0	-11.7	-.20	-.04
257.8	175.3	299.4						78.	185.	13.2	185.0	-13.0	-.19	-.04
263.8	175.1	301.5						90.	185.					
269.5	175.0	303.6						71.	185.	20.9	185.0	-20.6	-.19	-.07
275.5	174.9	306.0						67.	185.	25.2	185.0	-24.9	-.18	-.08

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
281.0	175.0	309.4						79.	185.	13.0	185.0	-12.8	-.19	-.04
287.1	175.2	313.1						81.	185.	11.1	185.0	-11.0	-.20	-.04
292.5	175.3	316.4						81.	185.	11.4	185.0	-11.2	-.20	-.04
298.7	175.4	320.2						78.	185.	14.8	185.0	-14.6	-.19	-.05
304.9	175.5	324.0						66.	185.	27.2	185.0	-26.9	-.18	-.09
310.5	175.1	330.1						62.	185.	31.9	185.0	-31.5	-.17	-.10
316.1	174.6	336.3						82.	185.	12.3	185.0	-12.1	-.20	-.04
322.2	174.2	343.0						64.	185.	31.3	185.0	-30.9	-.17	-.10
328.4	173.7	349.7						90.	185.					
334.4	173.3	356.3						83.	185.	13.6	185.0	-13.4	-.19	-.05
340.4	172.9	359.2						85.	185.					
346.5	172.6	1.5						78.	185.	19.4	185.0	-19.1	-.19	-.07
352.5	172.2	3.8						78.	185.	19.8	185.0	-19.5	-.19	-.07
358.7	171.9	6.2						75.	185.	23.1	185.0	-22.8	-.18	-.08
364.8	171.6	8.5						84.	185.	2.4	185.0	-2.4	-.20	-.01
										14.4	185.0	-14.2	-.19	-.05
370.9	171.3	9.7						82.	185.	.7	185.0	-.7	-.20	-.00
										16.6	185.0	-16.4	-.19	-.06
377.1	171.1	10.9						85.	185.	3.9	190.9	-3.9	-.20	-.01
										13.9	190.9	-13.9	-.19	-.05
383.1	170.8	11.9						85.	185.	4.2	191.9	-4.2	-.20	-.01
										14.2	191.9	-14.2	-.19	-.05
389.2	170.6	13.0						80.	185.	19.2	185.0	-19.0	-.19	-.06
395.5	170.3	14.2						86.	185.	5.7	194.2	-5.7	-.20	-.02
										13.7	194.2	-13.7	-.19	-.05
401.4	170.0	17.1						85.	185.	5.0	197.1	-5.0	-.20	-.02
										15.0	197.1	-15.0	-.19	-.05
407.5	169.7	20.5						82.	185.	2.4	185.0	-2.4	-.20	-.01
										17.5	185.0	-17.2	-.19	-.06
413.6	169.4	23.8						75.	185.	24.7	185.0	-24.3	-.18	-.08
419.7	169.1	27.2						67.	185.	32.8	185.0	-32.4	-.17	-.11
426.1	168.8	30.7						75.	185.	24.3	185.0	-24.0	-.18	-.08
431.8	168.5	33.7						77.	185.	21.9	185.0	-21.6	-.19	-.07
438.0	168.1	37.0						70.	185.	29.2	185.0	-28.8	-.18	-.10
443.9	167.7	40.1						52.	185.	47.6	185.0	-47.1	-.14	-.15
450.2	167.3	43.4						75.	185.	22.8	185.0	-22.5	-.18	-.08
456.3	166.9	46.6						78.	185.	1.5	185.0	-1.5	-.20	-.01
										18.2	185.0	-18.0	-.19	-.06
462.4	166.8	46.0						78.	185.	1.7	185.0	-1.6	-.20	-.01
										18.4	185.0	-18.2	-.19	-.06
468.4	166.8	44.6						86.	185.	9.2	224.6	-8.0	-.20	-.03
										17.2	224.6	-15.1	-.19	-.05

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
DDH			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD AP-DIP		CA DIPD	DIP DIPD AP-DIP			H	V
474.4	166.8	43.3				86. 185.	9.2 223.3 -8.1			-.20	-.03
							17.2 223.3 -15.2			-.19	-.05
480.7	166.8	41.9				68. 185.	31.2 185.0 -30.8			-.17	-.10
486.7	166.8	40.6				68. 185.	31.5 185.0 -31.1			-.17	-.10
492.7	166.6	40.7				72. 185.	27.2 185.0 -26.9			-.18	-.09
498.9	166.3	41.0				52. 185.	48.4 185.0 -48.0			-.13	-.15
545.2	164.4	48.3				70. 185.	28.5 185.0 -28.2			-.18	-.09
564.0	162.9	50.1				78. 185.	12.2 185.0 -12.1			-.20	-.04
570.5	162.4	50.5				71. 185.	27.0 185.0 -26.6			-.18	-.09
576.2	161.9	50.8				68. 185.	30.8 185.0 -30.4			-.17	-.10
581.3	161.5	51.1				70. 185.	28.2 185.0 -27.8			-.18	-.09
587.4	161.1	51.2				63. 185.	36.9 185.0 -36.5			-.16	-.12
593.4	160.7	51.3				71. 185.	.4 185.0 -.4			-.20	-.00
							26.8 185.0 -26.4			-.18	-.09
599.5	160.3	51.5				82. 185.					
605.3	160.0	51.6				83. 185.					
611.7	160.0	51.6				82. 185.					

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*************************
*     DDH:  78-X-06     *    START PLOT NUMBER  3
*************************
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.88 - .16 (INCHES)
Y-AXIS BOREHOLE LENGTH: 23.85 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 614.8 METERS J = 1 - 197

MAX PAPER WIDTH REQUIRED: 27.0 INCHES

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
29.6	179.8	188.9						65.	185.	25.0	185.0	4.6	.20	.02
35.4	179.5	195.4						67.	185.	22.5	185.0	4.1	.20	.01
41.8	179.1	210.7						70.	185.	19.2	185.0	3.5	.20	.01
47.8	178.7	225.0						68.	185.	21.0	185.0	3.8	.20	.01
53.9	178.3	239.6						83.	185.					
59.6	178.0	253.2						72.	185.	17.2	185.0	3.1	.20	.01
65.5	177.7	257.6						85.	185.					
71.9	177.3	259.1						80.	185.					
78.0	177.0	260.5						85.	185.					
84.1	176.7	262.0						75.	185.	13.9	185.0	2.5	.20	.01
90.4	176.4	263.5						85.	185.					
96.6	176.2	264.6						82.	185.					
102.7	176.2	265.7						85.	185.					
108.7	176.1	266.8						68.	185.	21.1	185.0	3.8	.20	.01
114.9	176.1	267.9						78.	185.	11.4	185.0	2.0	.20	.01
121.1	176.0	269.1						85.	185.					
127.1	175.7	272.1						82.	185.	6.8	185.0	1.2	.20	.00
133.2	175.3	275.6						75.	185.	14.3	185.0	2.5	.20	.01
139.3	175.0	279.0						80.	185.	8.7	185.0	1.5	.20	.01
145.4	174.6	282.5						81.	185.	7.3	185.0	1.3	.20	.00
151.4	174.3	285.8						90.	185.					
157.6	174.1	287.7						85.	185.					
163.7	174.1	289.2						75.	185.	15.3	185.0	2.7	.20	.01
168.7	174.0	290.4						87.	185.					
174.4	174.0	291.8						84.	185.	2.5	185.0	.4	.20	.00
181.0	173.9	293.4						83.	185.	4.4	185.0	.8	.20	.00
187.8	174.0	293.9						80.	185.	10.2	185.0	1.8	.20	.01
193.4	174.2	293.8						68.	185.	23.2	185.0	4.3	.20	.01
201.0	174.4	293.7						80.	185.	10.3	185.0	1.8	.20	.01
208.0	174.6	293.7						82.	185.	7.9	185.0	1.4	.20	.00
214.1	174.8	293.6						80.	185.	10.4	185.0	1.8	.20	.01
220.4	175.0	293.8						81.	185.	9.3	185.0	1.6	.20	.01
223.1	175.1	293.9						68.	185.	23.1	185.0	4.2	.20	.01
226.9	175.2	294.0						80.	185.	10.5	185.0	1.8	.20	.01
239.6	175.5	294.3						78.	185.	12.7	185.0	2.2	.20	.01
245.5	175.6	295.0						72.	185.	19.0	185.0	3.4	.20	.01
252.0	175.4	297.3						79.	185.	11.9	185.0	2.1	.20	.01
257.8	175.3	299.4						78.	185.	13.2	185.0	2.3	.20	.01
263.8	175.1	301.5						90.	185.					
269.5	175.0	303.6						71.	185.	20.9	185.0	3.8	.20	.01
275.5	174.9	306.0						67.	185.	25.2	185.0	4.7	.20	.02

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
281.0	175.0	309.4						79.	185.	13.0	185.0	2.3	.20	.01
287.1	175.2	313.1						81.	185.	11.1	185.0	2.0	.20	.01
292.5	175.3	316.4						81.	185.	11.4	185.0	2.0	.20	.01
298.7	175.4	320.2						78.	185.	14.8	185.0	2.6	.20	.01
304.9	175.5	324.0						66.	185.	27.2	185.0	5.1	.20	.02
310.5	175.1	330.1						62.	185.	31.9	185.0	6.2	.20	.02
316.1	174.6	336.3						82.	185.	12.3	185.0	2.2	.20	.01
322.2	174.2	343.0						64.	185.	31.3	185.0	6.0	.20	.02
328.4	173.7	349.7						90.	185.					
334.4	173.3	356.3						83.	185.	13.6	185.0	2.4	.20	.01
340.4	172.9	359.2						85.	185.					
346.5	172.6	1.5						78.	185.	19.4	185.0	3.5	.20	.01
352.5	172.2	3.8						78.	185.	19.8	185.0	3.6	.20	.01
358.7	171.9	6.2						75.	185.	23.1	185.0	4.2	.20	.01
364.8	171.6	8.5						84.	185.	2.4	185.0	.4	.20	.00
										14.4	185.0	2.5	.20	.01
370.9	171.3	9.7						82.	185.	.7	185.0	.1	.20	.00
										16.6	185.0	3.0	.20	.01
377.1	171.1	10.9						85.	185.	3.9	190.9	.3	.20	.00
										13.9	190.9	1.0	.20	.00
383.1	170.8	11.9						85.	185.	4.2	191.9	.2	.20	.00
										14.2	191.9	.8	.20	.00
389.2	170.6	13.0						80.	185.	19.2	185.0	3.5	.20	.01
395.5	170.3	14.2						86.	185.	5.7	194.2	.1	.20	.00
										13.7	194.2	.2	.20	.00
401.4	170.0	17.1						85.	185.	5.0	197.1	-.2	-.20	-.00
										15.0	197.1	-.6	-.20	-.00
407.5	169.7	20.5						82.	185.	2.4	185.0	.4	.20	.00
										17.5	185.0	3.1	.20	.01
413.6	169.4	23.8						75.	185.	24.7	185.0	4.6	.20	.02
419.7	169.1	27.2						67.	185.	32.8	185.0	6.4	.20	.02
426.1	168.8	30.7						75.	185.	24.3	185.0	4.5	.20	.02
431.8	168.5	33.7						77.	185.	21.9	185.0	4.0	.20	.01
438.0	168.1	37.0						70.	185.	29.2	185.0	5.5	.20	.02
443.9	167.7	40.1						52.	185.	47.6	185.0	10.8	.20	.04
450.2	167.3	43.4						75.	185.	22.8	185.0	4.2	.20	.01
456.3	166.9	46.6						78.	185.	1.5	185.0	.3	.20	.00
										18.2	185.0	3.3	.20	.01
462.4	166.8	46.0						78.	185.	1.7	185.0	.3	.20	.00
										18.4	185.0	3.3	.20	.01
468.4	166.8	44.6						86.	185.	9.2	224.6	-4.6	-.20	-.02
										17.2	224.6	-8.7	-.20	-.03

****
* DDH: 78-X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
474.4	166.8	43.3						86.	185.	9.2	223.3	-4.4	-.20	-.02
										17.2	223.3	-8.3	-.20	-.03
480.7	166.8	41.9						68.	185.	31.2	185.0	6.0	.20	.02
486.7	166.8	40.6						68.	185.	31.5	185.0	6.1	.20	.02
492.7	166.6	40.7						72.	185.	27.2	185.0	5.1	.20	.02
498.9	166.3	41.0						52.	185.	48.4	185.0	11.1	.20	.04
545.2	164.4	48.3						70.	185.	28.5	185.0	5.4	.20	.02
564.0	162.9	50.1						78.	185.	12.2	185.0	2.2	.20	.01
570.5	162.4	50.5						71.	185.	27.0	185.0	5.1	.20	.02
576.2	161.9	50.8						68.	185.	30.8	185.0	5.9	.20	.02
581.3	161.5	51.1						70.	185.	28.2	185.0	5.3	.20	.02
587.4	161.1	51.2						63.	185.	36.9	185.0	7.4	.20	.03
593.4	160.7	51.3						71.	185.	.4	185.0	.1	.20	.00
										26.8	185.0	5.0	.20	.02
599.5	160.3	51.5						82.	185.					
605.3	160.0	51.6						83.	185.					
611.7	160.0	51.6						82.	185.					

***** PLOT NUMBER 3 FINISHED *****

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BY UNAUTHORIZED PERSONS IS PROHIBITED.

****
* DDH: 78-X-07 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 453
POINTS = 450 MAX DDH DEPTH = 719.6 METERS
MAX TRUE DEPTH = 716.2 METERS
EASTING: -21.8 - 6.1 METERS
NORTHING: -34.0 - 2.0 METERS

TYPE C DATA (CONTACTS) ----- 88
TYPE F DATA (PLANES) ------- 118
TYPE P DATA (SAMPLES) ------ 46
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 35
TYPE A DATA (SAMPLE MARKERS) 92
TYPE V DATA (ASSAY VALUES)-- 46

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	9.5	01 #	23	276.0	23 5B6	45	558.9	45 4C8	67	619.2	67 4C0
2	19.7	02 5C6	24	355.3	24 5B0	46	559.3	46 5D6	68	620.7	68 5B6
3	25.0	03 5D6	25	366.8	25 5B6	47	562.7	47 4EC	69	623.5	69 4C0
4	28.1	04 5C6	26	377.8	26 5B0	48	563.3	48 5D3	70	629.1	70 4A0
5	33.1	05 5D6	27	447.2	27 5B0	49	563.5	49 4E1	71	630.8	71 4G0
6	42.8	06 5B0	28	447.9	28 5D3	50	564.6	50 5D3	72	631.7	72 4E0
7	46.2	07 5D3	29	448.8	29 5B0	51	565.2	51 4EC	73	632.1	73 4E8
8	51.5	08 5B0	30	449.0	30 5D3	52	565.4	52 5D3	74	656.2	74 5D3
9	56.6	09 5B6	31	488.3	31 5B0	53	568.4	53 4E8	75	666.6	75 5B7
10	108.8	10 5B0	32	491.3	32 5B6	54	575.7	54 4C8	76	667.4	76 5D3
11	109.7	11 5D6	33	497.6	33 5B0	55	583.7	55 4C0	77	671.4	77 5DB
12	119.2	12 5C3	34	501.8	34 5B0	56	585.8	56 4A0	78	675.7	78 5B7
13	135.9	13 5C6	35	512.4	35 5B6	57	587.5	57 5A1	79	678.5	79 5D3
14	148.1	14 5D3	36	513.4	36 4K0	58	590.0	58 4A7	80	678.9	80 5B6
15	155.1	15 5B6	37	514.4	37 5D0	59	592.2	59 4L7	81	679.5	81 4L7
16	157.3	16 5D6	38	515.6	38 5B0	60	592.8	60 5A1	82	682.5	82 5B6
17	161.2	17 5C6	39	518.7	39 4K0	61	595.3	61 5D4	83	689.7	83 4A0
18	164.9	18 5D6	40	531.8	40 4C0	62	596.4	62 4C0	84	700.5	84 4L7
19	166.3	19 5B0	41	551.0	41 4C8	63	597.4	63 5D4	85	701.1	85 5D3
20	167.1	20 5D6	42	553.6	42 5D4	64	611.0	64 5B7	86	702.1	86 4L7
21	177.3	21 5B0	43	555.2	43 4E1	65	617.5	65 4L7	87	714.1	87 4L7
22	269.9	22 5B0	44	557.0	44 5D4	66	618.6	66 4A0	88	719.6	88 5B6

```
PROGRAM COMMAND:  PLOTA,1000,015


          **************************
          *     DDH:  78-X-07      *    START PLOT NUMBER  1
          **************************

               PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:  -1.44 -    .08 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  28.20 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   719.6 METERS     J =   1 - 450

               MAX PAPER WIDTH REQUIRED:   32.0 INCHES

          *****  PLOT NUMBER  1 FINISHED  *****

PROGRAM COMMAND:  PLOTB,1000,015


          **************************
          *     DDH:  78-X-07      *    START PLOT NUMBER  2
          **************************

               PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

               PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

               PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

               X-AXIS PLOT LIMITS:  -1.44 -    .08 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  28.20 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   719.6 METERS     J =   1 - 450

               MAX PAPER WIDTH REQUIRED:   32.0 INCHES
```

****
* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
9.8	179.8	348.7						69.	185.	21.0	185.0	-20.7	-.19	-.07
15.2	179.7	342.5						72.	185.	18.0	185.0	-17.7	-.19	-.06
20.5	179.6	336.4						84.	185.	6.0	185.0	-5.9	-.20	-.02
25.1	179.5	331.1						60.	185.	30.4	185.0	-30.0	-.17	-.10
30.2	179.4	325.2						75.	185.	15.0	185.0	-14.8	-.19	-.05
35.5	179.4	325.3						72.	185.	18.0	185.0	-17.7	-.19	-.06
41.3	179.4	325.7						60.	185.	30.5	185.0	-30.1	-.17	-.10
47.7	179.3	326.2						45.	185.	45.5	185.0	-45.1	-.14	-.14
52.8	179.3	326.6						70.	185.	20.5	185.0	-20.3	-.19	-.07
57.0	179.3	326.9						74.	185.	16.0	185.0	-15.8	-.19	-.05
63.0	179.3	331.0						80.	185.	10.0	185.0	-9.9	-.20	-.03
69.0	179.2	342.4						80.	185.	10.0	185.0	-9.9	-.20	-.03
75.4	179.1	354.6						76.	185.	14.9	185.0	-14.7	-.19	-.05
81.5	179.0	6.2						70.	185.	21.0	185.0	-20.7	-.19	-.07
87.2	179.0	17.1						75.	185.	16.0	185.0	-15.7	-.19	-.05
94.1	178.9	23.1						75.	185.	16.0	185.0	-15.8	-.19	-.05
100.3	178.8	18.6						75.	185.	16.2	185.0	-15.9	-.19	-.05
105.9	178.7	14.5						79.	185.	12.3	185.0	-12.1	-.20	-.04
111.9	178.6	10.0						60.	185.	31.4	185.0	-31.0	-.17	-.10
120.9	178.5	3.4						65.	185.	26.5	185.0	-26.2	-.18	-.09
135.9	178.7	38.6						58.	185.	33.1	185.0	-32.7	-.17	-.11
142.1	178.8	54.5						58.	185.	32.8	185.0	-32.4	-.17	-.11
148.2	178.9	70.1						73.	185.	17.0	185.0	-16.7	-.19	-.06
155.1	179.0	85.6						64.	185.	26.0	185.0	-25.6	-.18	-.09
160.6	179.1	95.0						73.	185.	17.0	185.0	-16.7	-.19	-.06
167.0	179.1	106.1						61.	185.	29.0	185.0	-28.6	-.18	-.10
173.8	179.1	117.8						60.	185.	29.6	185.0	-29.3	-.17	-.10
178.3	179.2	125.6						60.	185.	29.6	185.0	-29.2	-.17	-.10
185.0	179.1	134.0						73.	185.	17.0	185.0	-16.8	-.19	-.06
191.2	178.8	135.6						80.	185.					
197.1	178.5	137.2						56.	185.	33.0	185.0	-32.6	-.17	-.11
207.6	177.9	139.9						60.	185.	28.5	185.0	-28.1	-.18	-.09
213.2	177.6	141.3						69.	185.	19.2	185.0	-18.9	-.19	-.06
218.8	177.4	140.9						65.	185.	23.1	185.0	-22.8	-.18	-.08
224.7	177.2	140.4						61.	185.	26.9	185.0	-26.6	-.18	-.09
230.7	176.9	139.9						79.	185.	8.6	185.0	-8.5	-.20	-.03
236.8	176.7	139.4						79.	185.	8.4	185.0	-8.3	-.20	-.03
242.9	176.4	138.9						64.	185.	23.4	185.0	-23.1	-.18	-.08
248.5	176.2	142.8						67.	185.	20.0	185.0	-19.8	-.19	-.07
254.2	176.1	147.6						58.	185.	28.8	185.0	-28.5	-.18	-.10
258.8	175.9	151.4						69.	185.	17.5	185.0	-17.2	-.19	-.06

****
* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			H	V
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP		
264.2	175.7	156.0						70.	185.	16.1	185.0	-15.9	-.19	-.05
270.0	175.5	160.9						56.	185.	29.8	185.0	-29.5	-.17	-.10
276.5	175.2	164.0						63.	185.	22.5	185.0	-22.2	-.19	-.08
282.6	174.8	162.7						82.	185.	2.9	185.0	-2.9	-.20	-.01
288.0	174.5	161.5						85.	185.					
294.1	174.0	160.2						72.	185.	12.4	185.0	-12.2	-.20	-.04
300.8	173.6	158.8						75.	185.	9.0	185.0	-8.9	-.20	-.03
305.2	173.3	158.0						73.	185.	10.8	185.0	-10.6	-.20	-.04
310.1	173.2	159.6						67.	185.	16.7	185.0	-16.4	-.19	-.06
315.4	173.2	161.2						81.	185.	2.3	185.0	-2.3	-.20	-.01
321.3	173.1	163.0						88.	185.					
327.0	173.1	164.8						79.	185.	4.3	185.0	-4.2	-.20	-.01
334.4	173.0	167.1						61.	185.	22.3	185.0	-22.0	-.19	-.07
340.4	173.1	168.1						75.	185.	8.3	185.0	-8.1	-.20	-.03
346.6	173.1	169.0						73.	185.	10.3	185.0	-10.1	-.20	-.04
352.7	173.2	169.8						77.	185.	6.3	185.0	-6.2	-.20	-.02
358.4	173.3	170.6						73.	185.	10.4	185.0	-10.3	-.20	-.04
364.8	173.4	171.5						78.	185.	5.5	185.0	-5.4	-.20	-.02
370.3	173.5	175.6						66.	185.	17.6	185.0	-17.3	-.19	-.06
377.0	173.5	181.5						75.	185.	8.5	185.0	-8.4	-.20	-.03
383.2	173.6	186.9						78.	185.	5.6	185.0	-5.5	-.20	-.02
389.2	173.7	192.2						77.	185.	6.7	185.0	-6.6	-.20	-.02
395.3	173.8	197.5						78.	185.	5.9	185.0	-5.8	-.20	-.02
401.4	173.8	200.8						80.	185.	3.9	185.0	-3.8	-.20	-.01
407.5	173.9	203.6						83.	185.	.9	185.0	-.9	-.20	-.00
413.6	173.9	206.5						76.	185.	8.1	185.0	-8.0	-.20	-.03
419.7	174.0	209.4						81.	185.	3.2	185.0	-3.1	-.20	-.01
425.8	174.0	212.3						79.	185.	5.3	185.0	-5.2	-.20	-.02
431.9	174.0	213.4						59.	185.	25.6	185.0	-25.3	-.18	-.09
436.2	174.0	214.0						80.	185.	4.3	185.0	-4.3	-.20	-.01
442.0	174.1	214.8						79.	185.	5.5	185.0	-5.4	-.20	-.02
447.9	174.1	215.5						71.	185.	13.7	185.0	-13.5	-.19	-.05
454.7	174.1	216.5						82.	185.	2.4	185.0	-2.3	-.20	-.01
461.1	173.9	216.8						80.	185.	4.3	185.0	-4.2	-.20	-.01
466.9	173.7	216.8						72.	185.	12.3	185.0	-12.2	-.20	-.04
472.4	173.5	216.8						72.	185.	12.2	185.0	-12.0	-.20	-.04
478.1	173.2	216.8						81.	185.	2.5	185.0	-2.4	-.20	-.01
483.1	173.0	216.8						74.	185.	9.6	185.0	-9.5	-.20	-.03
489.7	172.8	217.3						85.	185.					
494.7	173.0	218.6						75.	185.	8.7	185.0	-8.5	-.20	-.03
500.6	173.1	220.2						90.	185.					

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* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
506.6	173.2	221.7						75.	185.	9.0	185.0	-8.9	-.20	-.03
512.3	173.4	223.2						67.	185.	17.5	185.0	-17.2	-.19	-.06
518.8	173.5	224.7						74.	185.	10.5	185.0	-10.3	-.20	-.04
524.0	173.6	224.4						50.	185.	34.9	185.0	-34.5	-.16	-.11
530.1	173.7	224.1						81.	185.	3.2	185.0	-3.1	-.20	-.01
535.7	173.7	223.9						77.	185.	7.5	185.0	-7.4	-.20	-.03
543.7	173.8	223.5						80.	185.	4.4	185.0	-4.3	-.20	-.02
550.1	173.8	224.1						80.	185.	4.4	185.0	-4.3	-.20	-.02
555.8	173.3	227.2						66.	185.	18.6	185.0	-18.4	-.19	-.06
561.3	172.8	230.1						75.	185.	9.0	185.0	-8.9	-.20	-.03
567.2	172.3	233.3						70.	185.	14.1	185.0	-13.8	-.19	-.05
573.6	171.8	236.7						75.	185.	8.5	185.0	-8.4	-.20	-.03
579.7	171.3	239.6						73.	185.	10.4	185.0	-10.3	-.20	-.04
585.8	171.6	239.0						62.	185.	22.3	185.0	-22.0	-.19	-.07
591.4	171.9	238.4						80.	185.	2.8	185.0	-2.7	-.20	-.01
596.5	172.2	237.8						75.	185.	8.9	185.0	-8.8	-.20	-.03
602.6	172.5	237.2						75.	185.	9.2	185.0	-9.1	-.20	-.03
608.7	172.8	236.5						55.	185.	30.1	185.0	-29.7	-.17	-.10
615.2	172.9	243.9						70.	185.	15.4	185.0	-15.2	-.19	-.05
620.8	173.0	251.4						78.	185.	7.4	185.0	-7.2	-.20	-.03
626.6	173.1	259.1						73.	185.	13.8	185.0	-13.6	-.19	-.05
632.4	173.2	266.9						54.	185.	34.5	185.0	-34.1	-.17	-.11
637.0	173.2	273.1						48.	185.	41.3	185.0	-40.9	-.15	-.13
643.9	173.1	280.7						62.	185.	27.9	185.0	-27.5	-.18	-.09
649.2	172.7	285.6						66.	185.	24.3	185.0	-24.0	-.18	-.08
655.5	172.3	291.4						84.	185.					
660.8	171.9	296.3						60.	185.	32.1	185.0	-31.7	-.17	-.11
667.2	171.5	302.2						63.	185.	29.9	185.0	-29.5	-.17	-.10
673.3	171.4	308.3						65.	185.	28.8	185.0	-28.4	-.18	-.10
679.3	171.5	315.0						72.	185.	22.3	185.0	-22.0	-.19	-.07
685.6	171.6	321.9						48.	185.	47.8	185.0	-47.4	-.14	-.15
692.2	171.8	329.2						69.	185.	27.1	185.0	-26.8	-.18	-.09
698.2	171.9	335.9						80.	185.	16.3	185.0	-16.1	-.19	-.06
704.7	172.0	339.0						55.	185.	42.0	185.0	-41.6	-.15	-.13
710.8	172.0	339.0						80.	185.	16.6	185.0	-16.3	-.19	-.06
717.3	172.0	339.0						60.	185.	37.0	185.0	-36.6	-.16	-.12

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  78-X-07     *    START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.56 - .37 (INCHES)
Y-AXIS BOREHOLE LENGTH: 28.20 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 719.6 METERS J = 1 - 450

MAX PAPER WIDTH REQUIRED: 32.0 INCHES

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* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
9.8	179.8	348.7						69.	185.	21.0	185.0	3.8	.20	.01
15.2	179.7	342.5						72.	185.	18.0	185.0	3.2	.20	.01
20.5	179.6	336.4						84.	185.	6.0	185.0	1.0	.20	.00
25.1	179.5	331.1						60.	185.	30.4	185.0	5.8	.20	.02
30.2	179.4	325.2						75.	185.	15.0	185.0	2.7	.20	.01
35.5	179.4	325.3						72.	185.	18.0	185.0	3.2	.20	.01
41.3	179.4	325.7						60.	185.	30.5	185.0	5.8	.20	.02
47.7	179.3	326.2						45.	185.	45.5	185.0	10.0	.20	.03
52.8	179.3	326.6						70.	185.	20.5	185.0	3.7	.20	.01
57.0	179.3	326.9						74.	185.	16.0	185.0	2.9	.20	.01
63.0	179.3	331.0						80.	185.	10.0	185.0	1.8	.20	.01
69.0	179.2	342.4						80.	185.	10.0	185.0	1.8	.20	.01
75.4	179.1	354.6						76.	185.	14.9	185.0	2.6	.20	.01
81.5	179.0	6.2						70.	185.	21.0	185.0	3.8	.20	.01
87.2	179.0	17.1						75.	185.	16.0	185.0	2.8	.20	.01
94.1	178.9	23.1						75.	185.	16.0	185.0	2.9	.20	.01
100.3	178.8	18.6						75.	185.	16.2	185.0	2.9	.20	.01
105.9	178.7	14.5						79.	185.	12.3	185.0	2.2	.20	.01
111.9	178.6	10.0						60.	185.	31.4	185.0	6.0	.20	.02
120.9	178.5	3.4						65.	185.	26.5	185.0	4.9	.20	.02
135.9	178.7	38.6						58.	185.	33.1	185.0	6.5	.20	.02
142.1	178.8	54.5						58.	185.	32.8	185.0	6.4	.20	.02
148.2	178.9	70.1						73.	185.	17.0	185.0	3.0	.20	.01
155.1	179.0	85.6						64.	185.	26.0	185.0	4.8	.20	.02
160.6	179.1	95.0						73.	185.	17.0	185.0	3.0	.20	.01
167.0	179.1	106.1						61.	185.	29.0	185.0	5.5	.20	.02
173.8	179.1	117.8						60.	185.	29.6	185.0	5.6	.20	.02
178.3	179.2	125.6						60.	185.	29.6	185.0	5.6	.20	.02
185.0	179.1	134.0						73.	185.	17.0	185.0	3.0	.20	.01
191.2	178.8	135.6						80.	185.					
197.1	178.5	137.2						56.	185.	33.0	185.0	6.4	.20	.02
207.6	177.9	139.9						60.	185.	28.5	185.0	5.4	.20	.02
213.2	177.6	141.3						69.	185.	19.2	185.0	3.5	.20	.01
218.8	177.4	140.9						65.	185.	23.1	185.0	4.2	.20	.01
224.7	177.2	140.4						61.	185.	26.9	185.0	5.0	.20	.02
230.7	176.9	139.9						79.	185.	8.6	185.0	1.5	.20	.01
236.8	176.7	139.4						79.	185.	8.4	185.0	1.5	.20	.01
242.9	176.4	138.9						64.	185.	23.4	185.0	4.3	.20	.01
248.5	176.2	142.8						67.	185.	20.0	185.0	3.6	.20	.01
254.2	176.1	147.6						58.	185.	28.8	185.0	5.5	.20	.02
258.8	175.9	151.4						69.	185.	17.5	185.0	3.1	.20	.01

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* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	OIPD	DIP	DIPD	AP-DIP	H	V
264.2	175.7	156.0						70.	185.	16.1	185.0	2.9	.20	.01
270.0	175.5	160.9						56.	185.	29.8	185.0	5.7	.20	.02
276.5	175.2	164.0						63.	185.	22.5	185.0	4.1	.20	.01
282.6	174.8	162.7						82.	185.	2.9	185.0	.5	.20	.00
288.0	174.5	161.5						85.	185.					
294.1	174.0	160.2						72.	185.	12.4	185.0	2.2	.20	.01
300.8	173.6	158.8						75.	185.	9.0	185.0	1.6	.20	.01
305.2	173.3	158.0						73.	185.	10.8	185.0	1.9	.20	.01
310.1	173.2	159.6						67.	185.	16.7	185.0	3.0	.20	.01
315.4	173.2	161.2						81.	185.	2.3	185.0	.4	.20	.00
321.3	173.1	163.0						88.	185.					
327.0	173.1	164.8						79.	185.	4.3	185.0	.7	.20	.00
334.4	173.0	167.1						61.	185.	22.3	185.0	4.1	.20	.01
340.4	173.1	168.1						75.	185.	8.3	185.0	1.4	.20	.01
346.6	173.1	169.0						73.	185.	10.3	185.0	1.8	.20	.01
352.7	173.2	169.8						77.	185.	6.3	185.0	1.1	.20	.00
358.4	173.3	170.6						73.	185.	10.4	185.0	1.8	.20	.01
364.8	173.4	171.5						78.	185.	5.5	185.0	1.0	.20	.00
370.3	173.5	175.6						66.	185.	17.6	185.0	3.1	.20	.01
377.0	173.5	181.5						75.	185.	8.5	185.0	1.5	.20	.01
383.2	173.6	186.9						78.	185.	5.6	185.0	1.0	.20	.00
389.2	173.7	192.2						77.	185.	6.7	185.0	1.2	.20	.00
395.3	173.8	197.5						78.	185.	5.9	185.0	1.0	.20	.00
401.4	173.8	200.8						80.	185.	3.9	185.0	.7	.20	.00
407.5	173.9	203.6						83.	185.	.9	185.0	.2	.20	.00
413.6	173.9	206.5						76.	185.	8.1	185.0	1.4	.20	.00
419.7	174.0	209.4						81.	185.	3.2	185.0	.6	.20	.00
425.8	174.0	212.3						79.	185.	5.3	185.0	.9	.20	.00
431.9	174.0	213.4						59.	185.	25.6	185.0	4.8	.20	.02
436.2	174.0	214.0						80.	185.	4.3	185.0	.8	.20	.00
442.0	174.1	214.8						79.	185.	5.5	185.0	1.0	.20	.00
447.9	174.1	215.5						71.	185.	13.7	185.0	2.4	.20	.01
454.7	174.1	216.5						82.	185.	2.4	185.0	.4	.20	.00
461.1	173.9	216.8						80.	185.	4.3	185.0	.7	.20	.00
466.9	173.7	216.8						72.	185.	12.3	185.0	2.2	.20	.01
472.4	173.5	216.8						72.	185.	12.2	185.0	2.1	.20	.01
478.1	173.2	216.8						81.	185.	2.5	185.0	.4	.20	.00
483.1	173.0	216.8						74.	185.	9.6	185.0	1.7	.20	.01
489.7	172.8	217.3						85.	185.					
494.7	173.0	218.6						75.	185.	8.7	185.0	1.5	.20	.01
500.6	173.1	220.2						90.	185.					

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* DDH: 78-X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H V
506.6	173.2	221.7						75.	185.	9.0	185.0	1.6	.20 .01
512.3	173.4	223.2						67.	185.	17.5	185.0	3.1	.20 .01
518.8	173.5	224.7						74.	185.	10.5	185.0	1.8	.20 .01
524.0	173.6	224.4						50.	185.	34.9	185.0	6.9	.20 .02
530.1	173.7	224.1						81.	185.	3.2	185.0	.6	.20 .00
535.7	173.7	223.9						77.	185.	7.5	185.0	1.3	.20 .00
543.7	173.8	223.5						80.	185.	4.4	185.0	.8	.20 .00
550.1	173.8	224.1						80.	185.	4.4	185.0	.8	.20 .00
555.8	173.3	227.2						66.	185.	18.6	185.0	3.3	.20 .01
561.3	172.8	230.1						75.	185.	9.0	185.0	1.6	.20 .01
567.2	172.3	233.3						70.	185.	14.1	185.0	2.5	.20 .01
573.6	171.8	236.7						75.	185.	8.5	185.0	1.5	.20 .01
579.7	171.3	239.6						73.	185.	10.4	185.0	1.8	.20 .01
585.8	171.6	239.0						62.	185.	22.3	185.0	4.1	.20 .01
591.4	171.9	238.4						80.	185.	2.8	185.0	.5	.20 .00
596.5	172.2	237.8						75.	185.	8.9	185.0	1.6	.20 .01
602.6	172.5	237.2						75.	185.	9.2	185.0	1.6	.20 .01
608.7	172.8	236.5						55.	185.	30.1	185.0	5.7	.20 .02
615.2	172.9	243.9						70.	185.	15.4	185.0	2.7	.20 .01
620.8	173.0	251.4						78.	185.	7.4	185.0	1.3	.20 .00
626.6	173.1	259.1						73.	185.	13.8	185.0	2.4	.20 .01
632.4	173.2	266.9						54.	185.	34.5	185.0	6.8	.20 .02
637.0	173.2	273.1						48.	185.	41.3	185.0	8.7	.20 .03
643.9	173.1	280.7						62.	185.	27.9	185.0	5.3	.20 .02
649.2	172.7	285.6						66.	185.	24.3	185.0	4.5	.20 .02
655.5	172.3	291.4						84.	185.				
660.8	171.9	296.3						60.	185.	32.1	185.0	6.2	.20 .02
667.2	171.5	302.2						63.	185.	29.9	185.0	5.7	.20 .02
673.3	171.4	308.3						65.	185.	28.8	185.0	5.4	.20 .02
679.3	171.5	315.0						72.	185.	22.3	185.0	4.1	.20 .01
685.6	171.6	321.9						48.	185.	47.8	185.0	10.9	.20 .04
692.2	171.8	329.2						69.	185.	27.1	185.0	5.1	.20 .02
698.2	171.9	335.9						80.	185.	16.3	185.0	2.9	.20 .01
704.7	172.0	339.0						55.	185.	42.0	185.0	8.9	.20 .03
710.8	172.0	339.0						80.	185.	16.6	185.0	3.0	.20 .01
717.3	172.0	339.0						60.	185.	37.0	185.0	7.5	.20 .03

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*     DDH:  78-X-05      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    597316.0  NORTH:  6901312.0
                      ELEV:     1114.9


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                1         2         3         4         5         6         7         8
      1.........0.........0.........0.........0.........0.........0.........0.........0.
    1 T78-X-05 01114.90690131200597316 METERS
    2 R78-X-05 00000         180.0 000.0 AT COLLAR
    3 R78-X-05 00305         176.3 221.0  GYROSCOPIC SURVEY
    4 R78-X-05 00610         171.4 226.8
    5 R78-X-05 00914         170.8 229.9
    6 R78-X-05 01219         171.8 238.7
    7 R78-X-05 01524         172.2 244.8
    8 R78-X-05 01829         172.0 251.8
    9 R78-X-05 02134         172.8 256.7
   10 R78-X-05 02438         172.9 261.4
   11 R78-X-05 02743         172.9 274.0
   12 R78-X-05 03048         171.3 283.9
   13 R78-X-05 03353         171.6 277.6
   14 R78-X-05 03657         171.2 266.9
   15 R78-X-05 03962         171.0 273.6
   16 R78-X-05 04267         170.1 302.4
   17 R78-X-05 04572         168.1 302.1
   18 C78-X-05  HOLE CEMENTED WITH 30 BAGS OF NORMAL
   19 C78-X-05    TYPE 10 PORTLAND CEMENT
   20 R78-X-05 04877         166.3 303.8  GYROSCOPIC SURVEY
   21 R78-X-05 05181         165.0 308.2
   22 R78-X-05 05486         165.2 316.0
   23 R78-X-05 05791         166.2 322.5
   24 R78-X-05 06096         168.2 336.8
   25 R78-X-05 06401         168.7 347.7
   26 R78-X-05 06705         167.2 337.6
   27 L78-X-05 00000 00455 01    #
   28 L78-X-05 00455 00722 02 5B2
   29 L78-X-05 00722 00772 03 5B0
   30 L78-X-05 00772 00859 04 5B2
   31 L78-X-05 00859 00932 05 5B0
   32 L78-X-05 00932 01166 06 5B2
   33 L78-X-05 01166 01217 07 5B0
   34 L78-X-05 01217 01277 08 5B6
   35 L78-X-05 01277 01294 09 5B0
   36 L78-X-05 01294 01385 10 5B6
      1.........1.........2.........3.........4.........5.........6.........7.........8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-05 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    37 L78-X-05 01385 01722 11 5B2
    38 L78-X-05 01722 01844 12 0F0
    39 L78-X-05 01844 01900 13 0E8
    40 L78-X-05 01900 01989 14 5B0
    41 L78-X-05 01989 01994 15 5D3
    42 L78-X-05 01994 02004 16 5B0
    43 L78-X-05 02004 02015 17 5D3
    44 L78-X-05 02015 02118 18 5B2
    45 L78-X-05 02118 02780 19 5B0
    46 L78-X-05 02780 02945 20 5B7
    47 L78-X-05 02945 02973 21 5B0
    48 L78-X-05 02973 02990 22 5D3
    49 L78-X-05 02990 03018 23 5B0
    50 L78-X-05 03018 03059 24 5D3
    51 L78-X-05 03059 03105 25 5B0
    52 L78-X-05 03105 03126 26 5D3
    53 L78-X-05 03126 03265 27 5B7
    54 L78-X-05 03265 03290 28 5D3
    55 L78-X-05 03290 03351 29 5B7
    56 L78-X-05 03351 03365 30 5D3
    57 L78-X-05 03365 03566 31 5B7
    58 L78-X-05 03566 03581 32 5D3
    59 L78-X-05 03581 03796 33 5B7
    60 L78-X-05 03796 03824 34 5D3
    61 L78-X-05 03824 04497 35 5B7
    62 L78-X-05 04497 04507 36 5D3
    63 L78-X-05 04507 04511 37 4C0
    64 L78-X-05 04511 04631 38 5B7
    65 L78-X-05 04631 04734 39 5D3
    66 L78-X-05 04734 04737 40 5E0
    67 L78-X-05 04737 04933 41 5D3
    68 L78-X-05 04933 04957 42 5D3
    69 L78-X-05 04957 05080 43 5B0
    70 L78-X-05 05080 05151 44 5D3
    71 L78-X-05 05151 05175 45 5B7
    72 L78-X-05 05175 05201 46 5D3
    73 L78-X-05 05201 05451 47 5B7
    74 L78-X-05 05451 05467 48 5D3
    75 L78-X-05 05467 05637 49 5B7
    76 L78-X-05 05637 05698 50 5DB
    77 L78-X-05 05698 05732 51 5B7
    78 L78-X-05 05732 05786 52 5DB
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-05 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 79   L78-X-05 05786 05810 53 5D6
 80   L78-X-05 05810 05863 54 5B6
 81   L78-X-05 05863 05898 55 4D0
 82   L78-X-05 05898 05911 56 4A3
 83   L78-X-05 05911 05918 57 4D0
 84   L78-X-05 05918 05923 58 4A3
 85   L78-X-05 05923 05927 59 4D0
 86   L78-X-05 05927 05938 60 4D0
 87   L78-X-05 05938 05962 61 4D0
 88   L78-X-05 05962 05980 62 4D0
 89   L78-X-05 05980 06032 63 4D0
 90   L78-X-05 06032 06039 64 5D6
 91   L78-X-05 06039 06042 65 4E6
 92   L78-X-05 06042 06059 66 5D6
 93   L78-X-05 06059 06083 67 5A6
 94   L78-X-05 06083 06092 68 4H0
 95   L78-X-05 06092 06098 69 5B6
 96   L78-X-05 06098 06132 70 5D6
 97   L78-X-05 06132 06216 71 5B7
 98   L78-X-05 06216 06227 72 5D3
 99   L78-X-05 06227 06363 73 5B6
100   L78-X-05 06363 06370 74 5D3
101   L78-X-05 06370 06454 75 5B7
102   L78-X-05 06454 06484 76 5A3
103   L78-X-05 06484 06489 77 4E0
104   L78-X-05 06489 06505 78 5A0
105   L78-X-05 06505 06602 79 5DB
106   L78-X-05 06602 06685 80 5B6
107   L78-X-05 06685 06688 81 5D3
108   L78-X-05 06688 07017 82 5B6
109   L78-X-05 07017 07024 83 5D3
110   L78-X-05 07024 07114 84 5B6
111   P78-X-05 05863 05881 002743
112   P78-X-05 05881 05898 002744
113   P78-X-05 05898 05911 002745
114   P78-X-05 05911 05923 002746
115   P78-X-05 05923 05938 002747
116   P78-X-05 05938 05948 002748
117   P78-X-05 05948 05962 002749
118   P78-X-05 05962 05980 002750
119   P78-X-05 05980 06000 002751
120   P78-X-05 06000 06020 002752
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-05 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
          1         2         3         4         5         6         7         8
     1....0....0....0....0....0....0....0....0....0....0....0....0....0....0....0.
121  P78-X-05 06020 06032 002753
122  P78-X-05 06032 06042 002754
123  P78-X-05 06083 06092 002755
124  S78-X-05       00475 CS2       83185
125  S78-X-05       00529 CS2       56185
126  S78-X-05       00593 CS2       75185
127  S78-X-05       00652 CS2       74185
128  S78-X-05       00719 CS2       59185
129  S78-X-05       00782 CS2       75185
130  S78-X-05       00845 CS2       78185
131  S78-X-05       00900 CS2       80185
132  S78-X-05       00960 CS2       74185
133  S78-X-05       01021 CS2       80185
134  S78-X-05       01084 CS2       70185
135  S78-X-05       01149 CS2       79185
136  S78-X-05       01210 CS2       78185
137  S78-X-05       01272 CS2       80185
138  S78-X-05       01334 CS2       79185
139  S78-X-05       01396 CS2       80185
140  S78-X-05       01456 CS2       85185
141  S78-X-05       01600 CS2       82185
142  S78-X-05       01570 CS2       78185
143  S78-X-05       01625 CS2       56185
144  S78-X-05       01688 CS2       74185
145  S78-X-05       01910 CS2       75185
146  S78-X-05       01966 CS2       82185
147  S78-X-05       02027 CS2       67185
148  S78-X-05       02085 CS2       81185
149  S78-X-05       02139 CS2       74185
150  S78-X-05       02206 CS2       82185
151  S78-X-05       02254 CS2       82185
152  S78-X-05       02317 CS2       78185
153  S78-X-05       02373 CS2       80185
154  S78-X-05       02431 CS2       75185
155  S78-X-05       02490 CS2       72185
156  S78-X-05       02539 CS2       63185
157  S78-X-05       02603 CS2       73185
158  S78-X-05       02664 CS2       75185
159  S78-X-05       02722 CS2       82185
160  S78-X-05       02790 CS2       68185
161  S78-X-05       02844 CS2       80185
162  S78-X-05       02902 CS2       83185
     1....1....2....3....4....5....6....7....8
          0    0    0    0    0    0    0    0
```

****
* DDH: 78-X-05 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

163	S78-X-05	02963 CS2	70185
164	S78-X-05	03027 CS2	87185
165	S78-X-05	03089 CS2	83185
166	S78-X-05	03155 CS2	72185
167	S78-X-05	03216 CS2	84185
168	S78-X-05	03289 CS2	80185
169	S78-X-05	03334 CS2	77185
170	S78-X-05	03397 CS2	85185
171	S78-X-05	03459 CS2	78185
172	S78-X-05	03520 CS2	75185
173	S78-X-05	03581 CS2	66185
174	S78-X-05	03642 CS2	78185
175	S78-X-05	03693 CS2	72185
176	S78-X-05	03759 CS2	75185
177	S78-X-05	03815 CS2	52185
178	S78-X-05	03881 CS2	70185
179	S78-X-05	03932 CS2	73185
180	S78-X-05	03968 CS2	58185
181	S78-X-05	04043 CS2	82185
182	S78-X-05	04095 CS2	78185
183	S78-X-05	04153 CS2	85185
184	S78-X-05	04209 CS2	82185
185	S78-X-05	04269 CS2	70185
186	S78-X-05	04335 CS2	75185
187	S78-X-05	04396 CS2	83185
188	S78-X-05	04459 CS2	74185
189	S78-X-05	04514 CS2	64185
190	S78-X-05	04570 CS2	77185
191	S78-X-05	04636 CS2	66185
192	S78-X-05	04697 CS2	70185
193	S78-X-05	04758 CS2	74185
194	S78-X-05	04822 CS2	79185
195	S78-X-05	04884 CS2	76185
196	S78-X-05	04947 CS2	73185
197	S78-X-05	05024 CS2	66185
198	S78-X-05	05075 CS2	74185
199	S78-X-05	05136 CS2	76185
200	S78-X-05	05197 CS2	80185
201	S78-X-05	05255 CS2	79185
202	S78-X-05	05317 CS2	73185
203	S78-X-05	05379 CS2	79185
204	S78-X-05	05440 CS2	80185

****
* DDH: 78-X-05 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205  S78-X-05       05501 CS2         76185
  206  S78-X-05       05562 CS2         78185
  207  S78-X-05       05622 CS2         79185
  208  S78-X-05       05684 CS2         75185
  209  S78-X-05       05738 CS2         86185
  210  S78-X-05       05816 CS2         46185
  211  S78-X-05       05899 CS2         74185
  212  S78-X-05       05962 CS2         73185
  213  S78-X-05       06029 CS2         65185
  214  S78-X-05       06100 CS2         72185
  215  S78-X-05       06156 CS2         75185
  216  S78-X-05       06219 CS2         60185
  217  S78-X-05       06279 CS2         66185
  218  S78-X-05       06339 CS2         76185
  219  S78-X-05       06401 CS2         80185
  220  S78-X-05       06462 CS2         66185
  221  S78-X-05       06513 CS2         75185
  222  S78-X-05       06564 CS2         76185
  223  S78-X-05       06624 CS2         78185
  224  S78-X-05       06689 CS2         75185
  225  S78-X-05       06741 CS2         73185
  226  S78-X-05       06794 CS2         80185
  227  S78-X-05       06856 CS2         70185
  228  S78-X-05       06912 CS2         77185
  229  S78-X-05       06970 CS2         79185
  230  S78-X-05       07024 CS2         53185
  231  S78-X-05       07089 CS2         73185
  232  A78-X-05 586.3 588.1  1.8 2743 1260 7.94 1354 2148     0.06
  233  A78-X-05 588.1 589.8  1.7 2744 95.0 6.87 9.86 1673     0.04
  234  A78-X-05 589.8 591.1  1.3 2745 48.0 2.60 4.75 7.35      0.03
  235  A78-X-05 591.1 592.3  1.2 2746 1020 6.59 1119 1778     0.08
  236  A78-X-05 592.3 593.8  1.5 2747 64.0 3.46 6.83 1029     0.04
  237  A78-X-05 593.8 594.8  1.0 2748 47.0 2.97 6.28 9.25     0.02
  238  A78-X-05 594.8 596.2  1.4 2749 51.0 3.34 6.43 9.77     0.04
  239  A78-X-05 596.2 598.0  1.8 2750 95.0 6.85 1472 2157     0.05
  240  A78-X-05 598.0 600.0  2.0 2751 57.0 2.85 7.40 1025     0.07
  241  A78-X-05 600.0 602.0  2.0 2752 40.0 2.16 4.72 6.88     0.03
  242  A78-X-05 602.0 603.2  1.2 2753 48.0 3.28 6.20 9.48     0.09
  243  A78-X-05 603.2 604.2  1.0 2754 47.0 2.87 3.62 6.49     0.09
  244  A78-X-05 608.3 609.2  0.9 2755 23.0 0.56 0.91          0.04
       1.....1.....2.....3.....4.....5.....6.....7.....8
             0     0     0     0     0     0     0     0
```

DDH: 78-X-05 -- SUMMARY OF DATA INPUT

RECORDS READ = 244 RELEASED TO SORT 305
TYPE-L = 84
TYPE-P = 13
TYPE-R = 23
TYPE-S = 108
TYPE-X = 35
TYPE-A = 26
TYPE-V = 13 (GENERATED TO DEPTH: 700.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 711.4 METERS

****
* DDH: 78-X-05 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597316.0 NORTH: 6901312.0
ELEV: 1114.9

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: TYPE 10 PORTLAND CEMENT

COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	176.30	
	AZIMUTH:	0.	-	221.00	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	176.30	-	171.40	
	AZIMUTH:	221.00	-	226.80	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	171.40	-	170.80	
	AZIMUTH:	226.80	-	229.90	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	170.80	-	171.80	
	AZIMUTH:	229.90	-	238.70	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	171.80	-	172.20	
	AZIMUTH:	238.70	-	244.80	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	172.20	-	172.00	
	AZIMUTH:	244.80	-	251.80	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	172.00	-	172.80	
	AZIMUTH:	251.80	-	256.70	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	172.80	-	172.90	
	AZIMUTH:	256.70	-	261.40	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	172.90	-	172.90	
	AZIMUTH:	261.40	-	274.00	

BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	172.90	-	171.30	
	AZIMUTH:	274.00	-	283.90	
BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	171.30	-	171.60	
	AZIMUTH:	283.90	-	277.60	
BOREHOLE SECTION 12 --	DEPTH:	335.30	-	365.70	METERS
	ZENITH ANG:	171.60	-	171.20	
	AZIMUTH:	277.60	-	266.90	
BOREHOLE SECTION 13 --	DEPTH:	365.70	-	396.20	METERS
	ZENITH ANG:	171.20	-	171.00	
	AZIMUTH:	266.90	-	273.60	
BOREHOLE SECTION 14 --	DEPTH:	396.20	-	426.70	METERS
	ZENITH ANG:	171.00	-	170.10	
	AZIMUTH:	273.60	-	302.40	
BOREHOLE SECTION 15 --	DEPTH:	426.70	-	457.20	METERS
	ZENITH ANG:	170.10	-	168.10	
	AZIMUTH:	302.40	-	302.10	
BOREHOLE SECTION 16 --	DEPTH:	457.20	-	487.70	METERS
	ZENITH ANG:	168.10	-	166.30	
	AZIMUTH:	302.10	-	303.80	
BOREHOLE SECTION 17 --	DEPTH:	487.70	-	518.10	METERS
	ZENITH ANG:	166.30	-	165.00	
	AZIMUTH:	303.80	-	308.20	
BOREHOLE SECTION 18 --	DEPTH:	518.10	-	548.60	METERS
	ZENITH ANG:	165.00	-	165.20	
	AZIMUTH:	308.20	-	316.00	
BOREHOLE SECTION 19 --	DEPTH:	548.60	-	579.10	METERS
	ZENITH ANG:	165.20	-	166.20	
	AZIMUTH:	316.00	-	322.50	
BOREHOLE SECTION 20 --	DEPTH:	579.10	-	609.60	METERS
	ZENITH ANG:	166.20	-	168.20	
	AZIMUTH:	322.50	-	336.80	
BOREHOLE SECTION 21 --	DEPTH:	609.60	-	640.10	METERS
	ZENITH ANG:	168.20	-	168.70	
	AZIMUTH:	336.80	-	347.70	
BOREHOLE SECTION 22 --	DEPTH:	640.10	-	670.50	METERS
	ZENITH ANG:	168.70	-	167.20	
	AZIMUTH:	347.70	-	337.60	
BOREHOLE SECTION 23 --	DEPTH:	670.50	-	711.40	METERS
	ZENITH ANG:	167.20	-	167.20	

AZIMUTH: 337.60 - 337.60

FINISHED -- BOREHOLE LENGTH = 711.40 METERS
FILE SIZE = 304

****
* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R									0.	0.	0.	180.0	0.
30.5	R									30.5	-.4	-.8	176.3	221.0
45.5	L	01 #								45.4	-1.3	-1.8	173.9	223.9
47.5	S				CS2				83. 185.	47.4	-1.5	-1.9	173.6	224.2
52.9	S				CS2				56. 185.	52.8	-1.9	-2.4	172.7	225.3
59.3	S				CS2				75. 185.	59.1	-2.5	-3.0	171.7	226.5
61.0	R									60.8	-2.7	-3.2	171.4	226.8
65.2	S				CS2				74. 185.	64.9	-3.2	-3.6	171.3	227.2
71.9	S				CS2				59. 185.	71.6	-3.9	-4.3	171.2	227.9
72.2	L	02 SB2								71.9	-4.0	-4.3	171.2	227.9
77.2	L	03 SB0								76.8	-4.5	-4.8	171.1	228.5
78.2	S				CS2				75. 185.	77.8	-4.7	-4.9	171.1	228.6
84.5	S				CS2				78. 185.	84.0	-5.4	-5.6	170.9	229.2
85.9	L	04 SB2								85.4	-5.6	-5.7	170.9	229.3
90.0	S				CS2				80. 185.	89.4	-6.1	-6.2	170.8	229.8
91.4	R									90.8	-6.2	-6.3	170.8	229.9
93.2	L	05 SB0								92.6	-6.5	-6.5	170.9	230.4
96.0	S				CS2				74. 185.	95.4	-6.8	-6.8	171.0	231.2
102.1	S				CS2				80. 185.	101.4	-7.5	-7.4	171.2	233.0
108.4	S				CS2				70. 185.	107.6	-8.3	-7.9	171.4	234.8
114.9	S				CS2				79. 185.	114.1	-9.1	-8.5	171.6	236.7
116.6	L	06 SB2								115.7	-9.3	-8.6	171.6	237.2
121.0	S				CS2				78. 185.	120.1	-9.9	-8.9	171.8	238.4
121.7	L	07 SB0								120.8	-9.9	-9.0	171.8	238.6

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
121.9	R							121.0	-10.0	-9.0	171.8	238.7
127.2	S			CS2			80. 185.	126.2	-10.6	-9.4	171.9	239.8
127.7	L	08 5B6						126.7	-10.7	-9.4	171.9	239.9
129.4	L	09 5B0						128.4	-10.9	-9.5	171.9	240.2
133.4	S			CS2			79. 185.	132.4	-11.4	-9.8	172.0	241.0
138.5	L	10 5B6						137.4	-12.0	-10.2	172.0	242.0
139.6	S			CS2			80. 185.	138.5	-12.1	-10.2	172.0	242.2
145.6	S			CS2			85. 185.	144.4	-12.9	-10.6	172.1	243.4
152.4	R							151.2	-13.7	-11.0	172.2	244.8
157.0	S			CS2			78. 185.	155.7	-14.3	-11.3	172.2	245.9
160.0	S			CS2			82. 185.	158.7	-14.7	-11.4	172.2	246.5
162.5	S			CS2			56. 185.	161.2	-15.0	-11.6	172.1	247.1
168.8	S			CS2			74. 185.	167.4	-15.8	-11.9	172.1	248.6
172.2	L	11 5B2						170.8	-16.2	-12.1	172.1	249.3
182.9	R							181.4	-17.6	-12.6	172.0	251.8
184.4	L	12 0F0						182.9	-17.8	-12.6	172.0	252.0
190.0	L	13 0E8						188.4	-18.5	-12.9	172.2	252.9
191.0	S			CS2			75. 185.	189.4	-18.7	-12.9	172.2	253.1
196.6	S			CS2			82. 185.	195.0	-19.4	-13.1	172.4	254.0
198.9	L	14 5B0						197.2	-19.7	-13.2	172.4	254.4
199.4	L	15 5D3						197.7	-19.7	-13.2	172.4	254.5
200.4	L	16 5B0						198.7	-19.9	-13.2	172.5	254.6
201.5	L	17 5D3						199.8	-20.0	-13.3	172.5	254.8
202.7	S			CS2			67. 185.	201.0	-20.2	-13.3	172.5	255.0
208.5	S			CS2			81. 185.	206.8	-20.9	-13.5	172.7	255.9
211.8	L	18 5B2						210.0	-21.3	-13.6	172.8	256.4

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
426.7	R									422.7	-51.5	-11.3	170.1	302.4
426.9	S				CS2				70. 185.	422.9	-51.5	-11.3	170.1	302.4
433.5	S				CS2				75. 185.	429.4	-52.5	-10.6	169.7	302.3
439.6	S				CS2				83. 185.	435.4	-53.5	-10.0	169.3	302.3
445.9	S				CS2				74. 185.	441.6	-54.5	-9.4	168.8	302.2
449.7	L	35 5B7								445.3	-55.1	-9.0	168.6	302.2
450.7	L	36 5D3								446.3	-55.3	-8.9	168.5	302.2
451.1	L	37 4C0								446.7	-55.3	-8.8	168.5	302.2
451.4	S				CS2				64. 185.	447.0	-55.4	-8.8	168.5	302.2
457.0	S				CS2				77. 185.	452.5	-56.3	-8.2	168.1	302.1
457.2	R									452.6	-56.4	-8.2	168.1	302.1
463.1	L	38 5B7								458.4	-57.4	-7.5	167.8	302.4
463.6	S				CS2				66. 185.	458.9	-57.5	-7.5	167.7	302.5
469.7	S				CS2				70. 185.	464.9	-58.6	-6.8	167.4	302.8
473.4	L	39 5D3								468.5	-59.3	-6.3	167.1	303.0
473.7	L	40 5E0								468.8	-59.4	-6.3	167.1	303.0
475.8	S				CS2				74. 185.	470.8	-59.8	-6.0	167.0	303.1
482.2	S				CS2				79. 185.	477.0	-61.0	-5.2	166.6	303.5
487.7	R									482.4	-62.0	-4.5	166.3	303.8
488.4	S				CS2				76. 185.	483.1	-62.2	-4.4	166.3	303.9
493.3	L	41 5D3								487.8	-63.2	-3.8	166.1	304.6
494.7	S				CS2				73. 185.	489.2	-63.4	-3.6	166.0	304.8
495.7	L	42 5D3								490.2	-63.6	-3.4	166.0	305.0
502.4	S				CS2				66. 185.	496.7	-65.0	-2.5	165.7	305.9
507.5	S				CS2				74. 185.	501.6	-66.0	-1.7	165.5	306.7
508.0	L	43 5B0								502.1	-66.1	-1.7	165.4	306.7
513.6	S				CS2				76. 185.	507.5	-67.2	-.8	165.2	307.5
515.1	L	44 5D3								508.9	-67.5	-.6	165.1	307.8
517.5	L	45 5B7								511.3	-68.0	-.2	165.0	308.1

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
426.7	R								422.7	-51.5	-11.3	170.1	302.4
426.9	S				CS2			70. 185.	422.9	-51.5	-11.3	170.1	302.4
433.5	S				CS2			75. 185.	429.4	-52.5	-10.6	169.7	302.3
439.6	S				CS2			83. 185.	435.4	-53.5	-10.0	169.3	302.3
445.9	S				CS2			74. 185.	441.6	-54.5	-9.4	168.8	302.2
449.7	L	35 5B7							445.3	-55.1	-9.0	168.6	302.2
450.7	L	36 5D3							446.3	-55.3	-8.9	168.5	302.2
451.1	L	37 4C0							446.7	-55.3	-8.8	168.5	302.2
451.4	S				CS2			64. 185.	447.0	-55.4	-8.8	168.5	302.2
457.0	S				CS2			77. 185.	452.5	-56.3	-8.2	168.1	302.1
457.2	R								452.6	-56.4	-8.2	168.1	302.1
463.1	L	38 5B7							458.4	-57.4	-7.5	167.8	302.4
463.6	S				CS2			66. 185.	458.9	-57.5	-7.5	167.7	302.5
469.7	S				CS2			70. 185.	464.9	-58.6	-6.8	167.4	302.8
473.4	L	39 5D3							468.5	-59.3	-6.3	167.1	303.0
473.7	L	40 5E0							468.8	-59.4	-6.3	167.1	303.0
475.8	S				CS2			74. 185.	470.8	-59.8	-6.0	167.0	303.1
482.2	S				CS2			79. 185.	477.0	-61.0	-5.2	166.6	303.5
487.7	R								482.4	-62.0	-4.5	166.3	303.8
488.4	S				CS2			76. 185.	483.1	-62.2	-4.4	166.3	303.9
493.3	L	41 5D3							487.8	-63.2	-3.8	166.1	304.6
494.7	S				CS2			73. 185.	489.2	-63.4	-3.6	166.0	304.8
495.7	L	42 5D3							490.2	-63.6	-3.4	166.0	305.0
502.4	S				CS2			66. 185.	496.7	-65.0	-2.5	165.7	305.9
507.5	S				CS2			74. 185.	501.6	-66.0	-1.7	165.5	306.7
508.0	L	43 580							502.1	-66.1	-1.7	165.4	306.7
513.6	S				CS2			76. 185.	507.5	-67.2	-.8	165.2	307.5
515.1	L	44 5D3							508.9	-67.5	-.6	165.1	307.8
517.5	L	45 5B7							511.3	-68.0	-.2	165.0	308.1

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

						STRUCTURAL LOG						
DDH			GEOCHM LOG			S1	S2	TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
518.1	R								511.8	-68.1	-.1	165.0	308.2
519.7	S				CS2			80. 185.	513.4	-68.5	.2	165.0	308.6
520.1	L	46 5D3							513.8	-68.5	.2	165.0	308.7
525.5	S				CS2			79. 185.	519.0	-69.6	1.1	165.0	310.1
531.7	S				CS2			73. 185.	525.0	-70.8	2.2	165.1	311.7
537.9	S				CS2			79. 185.	531.0	-72.0	3.2	165.1	313.3
544.0	S				CS2			80. 185.	536.9	-73.1	4.3	165.2	314.8
545.1	L	47 5B7							537.9	-73.3	4.5	165.2	315.1
546.7	L	48 5D3							539.5	-73.6	4.8	165.2	315.5
548.6	R								541.3	-74.0	5.2	165.2	316.0
550.1	S				CS2			76. 185.	542.8	-74.2	5.4	165.2	316.3
556.2	S				CS2			78. 185.	548.7	-75.3	6.6	165.4	317.6
562.2	S				CS2			79. 185.	554.5	-76.3	7.7	165.6	318.9
563.7	L	49 5B7							555.9	-76.5	8.0	165.7	319.2
568.4	S				CS2			75. 185.	560.5	-77.3	8.9	165.8	320.2
569.8	L	50 5DB							561.8	-77.5	9.1	165.9	320.5
573.2	L	51 5B7							565.1	-78.0	9.8	166.0	321.2
573.8	S				CS2			86. 185.	565.7	-78.1	9.9	166.0	321.4
578.6	L	52 5DB							570.4	-78.8	10.8	166.2	322.4
579.1	R								570.9	-78.9	10.9	166.2	322.5
581.0	L	53 5D6							572.7	-79.1	11.2	166.3	323.4
581.6	S				CS2			46. 185.	573.3	-79.2	11.3	166.4	323.7
586.3	L	54 5B6							577.9	-79.9	12.2	166.7	325.9
587.2	P		2743	2.					578.7	-80.0	12.4	166.7	326.3
589.0	P		2744	2.					580.4	-80.2	12.7	166.8	327.1
589.8	L	55 4D0							581.3	-80.3	12.9	166.9	327.5
589.9	S				CS2			74. 185.	581.4	-80.3	12.9	166.9	327.6
590.5	P		2745	1.					581.9	-80.4	13.0	166.9	327.8
591.1	L	56 4A3							582.5	-80.5	13.2	167.0	328.1
591.7	P		2746	1.					583.1	-80.5	13.3	167.0	328.4
591.8	L	57 4D0							583.2	-80.5	13.3	167.0	328.5
592.3	L	58 4A3							583.7	-80.6	13.4	167.1	328.7

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
592.7	L	59 4D0							584.1	-80.6	13.5	167.1	328.9
593.1	P		2747	2.					584.4	-80.7	13.5	167.1	329.0
593.8	L	60 4D0							585.2	-80.8	13.7	167.2	329.4
594.3	P		2748	1.					585.7	-80.8	13.8	167.2	329.6
595.5	P		2749	1.					586.8	-81.0	14.0	167.3	330.2
596.2	L	61 4D0							587.5	-81.0	14.1	167.3	330.5
596.2	S				CS2			73. 185.	587.5	-81.0	14.1	167.3	330.5
597.1	P		2750	2.					588.4	-81.1	14.3	167.4	330.9
598.0	L	62 4D0							589.3	-81.2	14.5	167.4	331.4
599.0	P		2751	2.					590.2	-81.3	14.7	167.5	331.8
601.0	P		2752	2.					592.2	-81.5	15.0	167.6	332.8
602.6	P		2753	1.					593.8	-81.7	15.4	167.7	333.5
602.9	S				CS2			65. 185.	594.1	-81.7	15.4	167.8	333.7
603.2	L	63 4D0							594.3	-81.7	15.5	167.8	333.8
603.7	P		2754	1.					594.8	-81.8	15.6	167.8	334.0
603.9	L	64 5D6							595.0	-81.8	15.6	167.8	334.1
604.2	L	65 4E6							595.3	-81.8	15.7	167.8	334.3
605.9	L	66 5D6							597.0	-82.0	16.0	168.0	335.1
608.3	L	67 5A6							599.3	-82.2	16.4	168.1	336.2
608.7	P		2755	1.					599.8	-82.2	16.5	168.1	336.4
609.2	L	68 4H0							600.2	-82.3	16.6	168.2	336.6
609.6	R								600.6	-82.3	16.7	168.2	336.8
609.8	L	69 5B6							600.8	-82.3	16.7	168.2	336.9
610.0	S				CS2			72. 185.	601.0	-82.3	16.7	168.2	336.9
613.2	L	70 5D6							604.1	-82.6	17.4	168.3	338.1
615.6	S				CS2			75. 185.	606.5	-82.8	17.8	168.3	338.9
621.6	L	71 5B7							612.4	-83.2	18.9	168.4	341.1
621.9	S				CS2			60. 185.	612.7	-83.2	19.0	168.4	341.2
622.7	L	72 5D3							613.4	-83.2	19.2	168.4	341.5
627.9	S				CS2			66. 185.	618.5	-83.6	20.1	168.5	343.3
633.9	S				CS2			76. 185.	624.4	-83.9	21.3	168.6	345.5
636.3	L	73 5B6							626.8	-84.0	21.8	168.6	346.3
637.0	L	74 5D3							627.5	-84.0	21.9	168.6	346.6
640.1	S				CS2			80. 185.	630.5	-84.2	22.5	168.7	347.7

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

COMMENT: TYPE 10 PORTLAND CEMENT
COMMENT: HOLE CEMENTED WITH 30 BAGS OF NORMAL

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
640.1	R							630.5	-84.2	22.5	168.7	347.7
645.4	L	75 5B7						635.7	-84.4	23.5	168.4	345.9
646.2	S			CS2			66. 185.	636.5	-84.4	23.7	168.4	345.7
648.4	L	76 5A3						638.6	-84.5	24.1	168.3	344.9
648.9	L	77 4E0						639.1	-84.6	24.2	168.3	344.8
650.5	L	78 5A0						640.7	-84.7	24.5	168.2	344.2
651.3	S			CS2			75. 185.	641.5	-84.7	24.7	168.1	344.0
656.4	S			CS2			76. 185.	646.5	-85.0	25.7	167.9	342.3
660.2	L	79 5DB						650.2	-85.3	26.4	167.7	341.0
662.4	S			CS2			78. 185.	652.3	-85.4	26.9	167.6	340.3
668.5	L	80 5B6						658.3	-85.9	28.1	167.3	338.3
668.8	L	81 5D3						658.6	-85.9	28.2	167.3	338.2
668.9	S			CS2			75. 185.	658.7	-85.9	28.2	167.3	338.1
670.5	R							660.2	-86.1	28.5	167.2	337.6
674.1	S			CS2			73. 185.	663.7	-86.4	29.3	167.2	337.6
679.4	S			CS2			80. 185.	668.9	-86.8	30.3	167.2	337.6
685.6	S			CS2			70. 185.	674.9	-87.3	31.6	167.2	337.6
691.2	S			CS2			77. 185.	680.4	-87.8	32.8	167.2	337.6
697.0	S			CS2			79. 185.	686.1	-88.3	34.0	167.2	337.6
701.7	L	82 5B6						690.6	-88.7	34.9	167.2	337.6
702.4	L	83 5D3						691.3	-88.8	35.1	167.2	337.6
702.4	S			CS2			53. 185.	691.3	-88.8	35.1	167.2	337.6
708.9	S			CS2			73. 185.	697.7	-89.3	36.4	167.2	337.6
711.4	L	84 5B6						700.1	-89.5	36.9	167.2	337.6
711.4	R							700.1	-89.5	36.9	167.2	337.6

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* DDH: 78-X-05 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597316.0 METERS NORTH: 6901312.0 METERS ELEV: 1114.9 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
587.2	1	274.3	126.0	7.94	13.54	21.48	0.	.06	0.	0.	0.	0.	0.
589.0	1	274.4	95.0	6.87	9.86	16.73	0.	.04	0.	0.	0.	0.	0.
590.5	1	274.5	48.0	2.60	4.75	7.35	0.	.03	0.	0.	0.	0.	0.
591.7	1	274.6	102.0	6.59	11.19	17.78	0.	.08	0.	0.	0.	0.	0.
593.1	1	274.7	64.0	3.46	6.83	10.29	0.	.04	0.	0.	0.	0.	0.
594.3	1	274.8	47.0	2.97	6.28	9.25	0.	.02	0.	0.	0.	0.	0.
595.5	1	274.9	51.0	3.34	6.43	9.77	0.	.04	0.	0.	0.	0.	0.
597.1	1	275.0	95.0	6.85	14.72	21.57	0.	.05	0.	0.	0.	0.	0.
599.0	2	275.1	57.0	2.85	7.40	10.25	0.	.07	0.	0.	0.	0.	0.
601.0	2	275.2	40.0	2.16	4.72	6.88	0.	.03	0.	0.	0.	0.	0.
602.6	1	275.3	48.0	3.28	6.20	9.48	0.	.09	0.	0.	0.	0.	0.
603.7	1	275.4	47.0	2.87	3.62	6.49	0.	.09	0.	0.	0.	0.	0.
608.7	0	275.5	23.0	.56	.91	0.	0.	.04	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 711.40 METERS ENTRIES = 304

```
**************************
*      DDH:  78-X-06     *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    597839.0   NORTH:   6900946.0
                      ELEV:       1009.1


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                 1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1 T78-X-06 01009.1069009460059783 9 METERS
     2 R78-X-06 00000        180.0 000.0 AT COLLAR
     3 R78-X-06 00305        179.8 183.7  GYROSCOPIC SURVEY
     4 R78-X-06 00610        177.9 256.5
     5 R78-X-06 00914        176.3 263.7
     6 R78-X-06 01219        176.0 269.2
     7 R78-X-06 01524        174.2 286.4
     8 R78-X-06 01829        173.9 293.9
     9 R78-X-06 02134        174.8 293.6
    10 R78-X-06 02438        175.6 294.4
    11 R78-X-06 02743        174.9 305.3
    12 R78-X-06 03048        175.5 323.9
    13 R78-X-06 03353        173.2 357.3
    14 R78-X-06 03657        171.5 008.8
    15 R78-X-06 03962        170.3 014.3
    16 R78-X-06 04267        168.8 031.0
    17 R78-X-06 04572        166.8 047.1
    18 R78-X-06 04877        166.8 040.4   GYROSCOPIC  SURVEY
    19 R78-X-06 05181        165.5 042.1
    20 R78-X-06 05486        164.3 049.1
    21 R78-X-06 05791        161.6 051.0
    22 R78-X-06 06050        160.0 051.6
    23 C78-X-06  NO ASSAYED SECTIONS
    24 L78-X-06 00000 00280 01   #
    25 L78-X-06 00280 00563 02 5B6
    26 L78-X-06 00563 01007 03 5B0
    27 L78-X-06 01007 01010 04 5D3
    28 L78-X-06 01010 01097 05 5B0
    29 L78-X-06 01097 01115 06 5D3
    30 L78-X-06 01115 01600 07 5B0
    31 L78-X-06 01600 01682 08 5B6
    32 L78-X-06 01682 01714 09 5B0
    33 L78-X-06 01714 01774 10 5B6
    34 L78-X-06 01774 01896 11 5B0
    35 L78-X-06 01896 02320 12 5B6
    36 L78-X-06 02320 02457 13 5B0
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-06 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                 1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
    37 L78-X-06 02457 02461 14 5D3
    38 L78-X-06 02461 02813 15 5B7
    39 L78-X-06 02813 02855 16 5D3
    40 L78-X-06 02855 02998 17 5B7
    41 L78-X-06 02998 03046 18 5D0
    42 L78-X-06 03046 03089 19 5B7
    43 L78-X-06 03089 03099 20 5D3
    44 L78-X-06 03099 03193 21 5B7
    45 L78-X-06 03193 03204 22 5D3
    46 L78-X-06 03204 03236 23 5B7
    47 L78-X-06 03236 03310 24 5D3
    48 L78-X-06 03310 03351 25 5BD
    49 L78-X-06 03351 03381 26 5B7
    50 L78-X-06 03381 03413 27 5D3
    51 L78-X-06 03413 03811 28 5B7
    52 L78-X-06 03811 03871 29 5BD
    53 L78-X-06 03871 04272 30 5B7
    54 L78-X-06 04272 04314 31 5D3
    55 L78-X-06 04314 04349 32 5B7
    56 L78-X-06 04349 04367 33 5D3
    57 L78-X-06 04367 04465 34 5B7
    58 L78-X-06 04465 04491 35 5D3
    59 L78-X-06 04491 04548 36 5B0
    60 L78-X-06 04548 04568 37 5D3
    61 L78-X-06 04568 04606 38 5B0
    62 L78-X-06 04606 04627 39 5D3
    63 L78-X-06 04627 04706 40 5B0
    64 L78-X-06 04706 04720 41 5D3
    65 L78-X-06 04720 04815 42 5BD
    66 L78-X-06 04815 04847 43 5A1
    67 L78-X-06 04847 04852 44 5D3
    68 L78-X-06 04852 04857 45 5A1
    69 L78-X-06 04857 04954 46 5B6
    70 L78-X-06 04954 04959 47 4E0
    71 L78-X-06 04959 04982 48 4A0
    72 L78-X-06 04982 04984 49 0D0
    73 L78-X-06 04984 05027 50 5B6
    74 L78-X-06 05027 05120 51 0D0
    75 L78-X-06 05120 05196 52 0F6
    76 L78-X-06 05196 05410 53 0D0
    77 L78-X-06 05410 05488 54 5A1
    78 L78-X-06 05488 05623 55 3D1
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-06 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 79   L78-X-06 05623 05947 56 3D4
 80   L78-X-06 05947 06148 57 3GO
 81   S78-X-06       00296 CS2         65185
 82   S78-X-06       00354 CS2         67185
 83   S78-X-06       00418 CS2         70185
 84   S78-X-06       00478 CS2         68185
 85   S78-X-06       00539 CS2         83185
 86   S78-X-06       00596 CS2         72185
 87   S78-X-06       00655 CS2         85185
 88   S78-X-06       00719 CS2         80185
 89   S78-X-06       00780 CS2         85185
 90   S78-X-06       00841 CS2         75185
 91   S78-X-06       00904 CS2         85185
 92   S78-X-06       00966 CS2         82185
 93   S78-X-06       01027 CS2         85185
 94   S78-X-06       01087 CS2         68185
 95   S78-X-06       01149 CS2         78185
 96   S78-X-06       01211 CS2         85185
 97   S78-X-06       01271 CS2         82185
 98   S78-X-06       01332 CS2         75185
 99   S78-X-06       01393 CS2         80185
100   S78-X-06       01454 CS2         81185
101   S78-X-06       01514 CS2         90185
102   S78-X-06       01576 CS2         85185
103   S78-X-06       01637 CS2         75185
104   S78-X-06       01687 CS2         87185
105   S78-X-06       01744 CS2         84185
106   S78-X-06       01810 CS2         83185
107   S78-X-06       01878 CS2         80185
108   S78-X-06       01934 CS2         68185
109   S78-X-06       02010 CS2         80185
110   S78-X-06       02080 CS2         82185
111   S78-X-06       02141 CS2         80185
112   S78-X-06       02204 CS2         81185
113   S78-X-06       02269 CS2         80185
114   S78-X-06       02231 CS2         68185
115   S78-X-06       02396 CS2         78185
116   S78-X-06       02455 CS2         72185
117   S78-X-06       02520 CS2         79185
118   S78-X-06       02578 CS2         78185
119   S78-X-06       02638 CS2         90185
120   S78-X-06       02695 CS2         71185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-06 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

121	S78-X-06	02755	CS2	67185
122	S78-X-06	02810	CS2	79185
123	S78-X-06	02871	CS2	81185
124	S78-X-06	02925	CS2	81185
125	S78-X-06	02987	CS2	78185
126	S78-X-06	03049	CS2	66185
127	S78-X-06	03105	CS2	62185
128	S78-X-06	03161	CS2	82185
129	S78-X-06	03222	CS2	64185
130	S78-X-06	03284	CS2	90185
131	S78-X-06	03344	CS2	83185
132	S78-X-06	03404	CS2	85185
133	S78-X-06	03465	CS2	78185
134	S78-X-06	03525	CS2	78185
135	S78-X-06	03587	CS2	75185
136	S78-X-06	03648	CS2	84185
137	S78-X-06	03709	CS2	82185
138	S78-X-06	03771	CS2	85185
139	S78-X-06	03831	CS2	85185
140	S78-X-06	03892	CS2	80185
141	S78-X-06	03955	CS2	86185
142	S78-X-06	04014	CS2	85185
143	S78-X-06	04075	CS2	82185
144	S78-X-06	04136	CS2	75185
145	S78-X-06	04197	CS2	67185
146	S78-X-06	04261	CS2	75185
147	S78-X-06	04318	CS2	77185
148	S78-X-06	04380	CS2	70185
149	S78-X-06	04439	CS2	52185
150	S78-X-06	04502	CS2	75185
151	S78-X-06	04563	CS2	78185
152	S78-X-06	04624	CS2	78185
153	S78-X-06	04684	CS2	86185
154	S78-X-06	04744	CS2	86185
155	S78-X-06	04807	CS2	68185
156	S78-X-06	04867	CS2	68185
157	S78-X-06	04927	CS2	72185
158	S78-X-06	04989	CS2	52185
159	S78-X-06	05452	PS2	70185
160	S78-X-06	05640	PS2	78185
161	S78-X-06	05705	PS2	71185
162	S78-X-06	05762	PS2	68185

0 0 0 0 0 0 0 0

****
* DDH: 78-X-06 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
            1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    163  S78-X-06        05813 PS2         70185
    164  S78-X-06        05874 PS2         63185
    165  S78-X-06        05934 PS2         71185
    166  S78-X-06        05995 PS2         82185
    167  S78-X-06        06053 PS2         83185
    168  S78-X-06        06117 PS2         82185
            1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

DDH: 78-X-06 -- SUMMARY OF DATA INPUT

RECORDS READ = 168   RELEASED TO SORT 198
TYPE-L = 57
TYPE-P = 0
TYPE-R = 21
TYPE-S = 88
TYPE-X = 30
TYPE-A = 0
TYPE-V = 0   (GENERATED TO DEPTH: 600.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 614.8 METERS

****
* DDH: 78-X-06 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597839.0 NORTH: 6900946.0
ELEV: 1009.1

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: NO ASSAYED SECTIONS

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.80	
	AZIMUTH:	0.	-	183.70	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.80	-	177.90	
	AZIMUTH:	183.70	-	256.50	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	177.90	-	176.30	
	AZIMUTH:	256.50	-	263.70	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	176.30	-	176.00	
	AZIMUTH:	263.70	-	269.20	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	176.00	-	174.20	
	AZIMUTH:	269.20	-	286.40	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	174.20	-	173.90	
	AZIMUTH:	286.40	-	293.90	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	173.90	-	174.80	
	AZIMUTH:	293.90	-	293.60	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	174.80	-	175.60	
	AZIMUTH:	293.60	-	294.40	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	175.60	-	174.90	
	AZIMUTH:	294.40	-	305.30	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	174.90	-	175.50	

		AZIMUTH:	305.30 -	323.90	
BOREHOLE SECTION 11	--	DEPTH:	304.80 -	335.30	METERS
		ZENITH ANG:	175.50 -	173.20	
		AZIMUTH:	323.90 -	357.30	
BOREHOLE SECTION 12	--	DEPTH:	335.30 -	365.70	METERS
		ZENITH ANG:	173.20 -	171.50	
		AZIMUTH:	357.30 -	8.80	
BOREHOLE SECTION 13	--	DEPTH:	365.70 -	396.20	METERS
		ZENITH ANG:	171.50 -	170.30	
		AZIMUTH:	8.80 -	14.30	
BOREHOLE SECTION 14	--	DEPTH:	396.20 -	426.70	METERS
		ZENITH ANG:	170.30 -	168.80	
		AZIMUTH:	14.30 -	31.00	
BOREHOLE SECTION 15	--	DEPTH:	426.70 -	457.20	METERS
		ZENITH ANG:	168.80 -	166.80	
		AZIMUTH:	31.00 -	47.10	
BOREHOLE SECTION 16	--	DEPTH:	457.20 -	487.70	METERS
		ZENITH ANG:	166.80 -	166.80	
		AZIMUTH:	47.10 -	40.40	
BOREHOLE SECTION 17	--	DEPTH:	487.70 -	518.10	METERS
		ZENITH ANG:	166.80 -	165.50	
		AZIMUTH:	40.40 -	42.10	
BOREHOLE SECTION 18	--	DEPTH:	518.10 -	548.60	METERS
		ZENITH ANG:	165.50 -	164.30	
		AZIMUTH:	42.10 -	49.10	
BOREHOLE SECTION 19	--	DEPTH:	548.60 -	579.10	METERS
		ZENITH ANG:	164.30 -	161.60	
		AZIMUTH:	49.10 -	51.00	
BOREHOLE SECTION 20	--	DEPTH:	579.10 -	605.00	METERS
		ZENITH ANG:	161.60 -	160.00	
		AZIMUTH:	51.00 -	51.60	
BOREHOLE SECTION 21	--	DEPTH:	605.00 -	614.80	METERS
		ZENITH ANG:	160.00 -	160.00	
		AZIMUTH:	51.60 -	51.60	

FINISHED -- BOREHOLE LENGTH = 614.80 METERS
FILE SIZE = 198

****
* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R							0.	0.	0.	180.0	0.
28.0	L	01 #						28.0	-.0	-.0	179.8	198.2
29.6	S			CS2			65. 185.	29.6	-.0	-.0	179.8	188.9
30.5	R							30.5	-.0	-.0	179.8	183.7
35.4	S			CS2			67. 185.	35.4	-.0	-.1	179.5	195.4
41.8	S			CS2			70. 185.	41.8	-.0	-.1	179.1	210.7
47.8	S			CS2			68. 185.	47.8	-.1	-.2	178.7	225.0
53.9	S			CS2			83. 185.	53.9	-.2	-.3	178.3	239.6
56.3	L	02 5B6						56.3	-.3	-.4	178.2	245.3
59.6	S			CS2			72. 185.	59.6	-.4	-.4	178.0	253.2
61.0	R							61.0	-.4	-.4	177.9	256.5
65.5	S			CS2			85. 185.	65.5	-.6	-.4	177.7	257.6
71.9	S			CS2			80. 185.	71.9	-.9	-.5	177.3	259.1
78.0	S			CS2			85. 185.	78.0	-1.2	-.6	177.0	260.5
84.1	S			CS2			75. 185.	84.1	-1.5	-.6	176.7	262.0
90.4	S			CS2			85. 185.	90.4	-1.9	-.7	176.4	263.5
91.4	R							91.4	-2.0	-.7	176.3	263.7
96.6	S			CS2			82. 185.	96.5	-2.3	-.7	176.2	264.6
100.7	L	03 5B0						100.6	-2.6	-.7	176.2	265.4
101.0	L	04 5D3						100.9	-2.6	-.7	176.2	265.4
102.7	S			CS2			85. 185.	102.6	-2.7	-.7	176.2	265.7
108.7	S			CS2			68. 185.	108.6	-3.1	-.8	176.1	266.8
109.7	L	05 5B0						109.6	-3.2	-.8	176.1	267.0
111.5	L	06 5D3						111.4	-3.3	-.8	176.1	267.3
114.9	S			CS2			78. 185.	114.8	-3.5	-.8	176.1	267.9
121.1	S			CS2			85. 185.	121.0	-4.0	-.8	176.0	269.1

****
* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
121.9	R							121.8	-4.0	-.8	176.0	269.2
127.1	S			CS2			82. 185.	127.0	-4.4	-.8	175.7	272.1
133.2	S			CS2			75. 185.	133.1	-4.9	-.7	175.3	275.6
139.3	S			CS2			80. 185.	139.1	-5.4	-.7	175.0	279.0
145.4	S			CS2			81. 185.	145.2	-5.9	-.6	174.6	282.5
151.4	S			CS2			90. 185.	151.2	-6.5	-.4	174.3	285.8
152.4	R							152.2	-6.6	-.4	174.2	286.4
157.6	S			CS2			85. 185.	157.3	-7.1	-.3	174.1	287.7
160.0	L	07 5B0						159.7	-7.3	-.2	174.1	288.3
163.7	S			CS2			75. 185.	163.4	-7.7	-.1	174.1	289.2
168.2	L	08 5B6						167.9	-8.1	.1	174.0	290.3
168.7	S			CS2			87. 185.	168.4	-8.2	.1	174.0	290.4
171.4	L	09 5B0						171.1	-8.4	.2	174.0	291.1
174.4	S			CS2			84. 185.	174.1	-8.7	.3	174.0	291.8
177.4	L	10 5B6						177.0	-9.0	.5	174.0	292.5
181.0	S			CS2			83. 185.	180.6	-9.4	.6	173.9	293.4
182.9	R							182.5	-9.5	.7	173.9	293.9
187.8	S			CS2			80. 185.	187.4	-10.0	.9	174.0	293.9
189.6	L	11 5B0						189.2	-10.2	1.0	174.1	293.8
193.4	S			CS2			68. 185.	193.0	-10.5	1.1	174.2	293.8
201.0	S			CS2			80. 185.	200.5	-11.2	1.4	174.4	293.7
208.0	S			CS2			82. 185.	207.5	-11.8	1.7	174.6	293.7
213.4	R							212.9	-12.3	1.9	174.8	293.6
214.1	S			CS2			80. 185.	213.6	-12.3	1.9	174.8	293.6
220.4	S			CS2			81. 185.	219.8	-12.9	2.1	175.0	293.8
223.1	S			CS2			68. 185.	222.5	-13.1	2.2	175.1	293.9
226.9	S			CS2			80. 185.	226.3	-13.4	2.4	175.2	294.0
232.0	L	12 5B6						231.4	-13.8	2.5	175.3	294.1
239.6	S			CS2			78. 185.	239.0	-14.3	2.8	175.5	294.3

****
* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
243.8	R								243.2	-14.6	2.9	175.6	294.4
245.5	S				CS2			72. 185.	244.8	-14.7	3.0	175.6	295.0
245.7	L	13 5B0							245.0	-14.7	3.0	175.6	295.1
246.1	L	14 5D3							245.4	-14.8	3.0	175.5	295.2
252.0	S				CS2			79. 185.	251.3	-15.2	3.2	175.4	297.3
257.8	S				CS2			78. 185.	257.1	-15.6	3.4	175.3	299.4
263.8	S				CS2			90. 185.	263.1	-16.0	3.7	175.1	301.5
269.5	S				CS2			71. 185.	268.8	-16.4	3.9	175.0	303.6
274.3	R								273.5	-16.8	4.2	174.9	305.3
275.5	S				CS2			67. 185.	274.7	-16.9	4.2	174.9	306.0
281.0	S				CS2			79. 185.	280.2	-17.3	4.5	175.0	309.4
281.3	L	15 5B7							280.5	-17.3	4.6	175.0	309.6
285.5	L	16 5D3							284.7	-17.6	4.8	175.1	312.1
287.1	S				CS2			81. 185.	286.3	-17.7	4.9	175.2	313.1
292.5	S				CS2			81. 185.	291.7	-18.0	5.2	175.3	316.4
298.7	S				CS2			78. 185.	297.9	-18.3	5.6	175.4	320.2
299.8	L	17 5B7							299.0	-18.4	5.6	175.4	320.9
304.6	L	18 5D0							303.7	-18.6	6.0	175.5	323.8
304.8	R								303.9	-18.6	6.0	175.5	323.9
304.9	S				CS2			66. 185.	304.0	-18.6	6.0	175.5	324.0
308.9	L	19 5B7							308.0	-18.8	6.2	175.2	328.4
309.9	L	20 5D3							309.0	-18.8	6.3	175.1	329.5
310.5	S				CS2			62. 185.	309.6	-18.9	6.4	175.1	330.1
316.1	S				CS2			82. 185.	315.2	-19.1	6.8	174.6	336.3
319.3	L	21 5B7							318.4	-19.2	7.1	174.4	339.8
320.4	L	22 5D3							319.5	-19.2	7.2	174.3	341.0
322.2	S				CS2			64. 185.	321.3	-19.3	7.4	174.2	343.0
323.6	L	23 5B7							322.7	-19.3	7.5	174.1	344.5
328.4	S				CS2			90. 185.	327.4	-19.5	8.0	173.7	349.7
331.0	L	24 5D3							330.0	-19.5	8.3	173.5	352.6
334.4	S				CS2			83. 185.	333.4	-19.5	8.7	173.3	356.3
335.1	L	25 5B0							334.1	-19.5	8.8	173.2	357.1

****
* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG	-------- STRUCTURAL LOG --------				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
335.3	R							334.3	-19.5	8.8	173.2	357.3
338.1	L	26 5B7						337.1	-19.6	9.1	173.0	358.4
340.4	S			CS2			85. 185.	339.4	-19.6	9.4	172.9	359.2
341.3	L	27 5D3						340.2	-19.6	9.5	172.9	359.6
346.5	S			CS2			78. 185.	345.4	-19.6	10.2	172.6	1.5
352.5	S			CS2			78. 185.	351.4	-19.5	11.0	172.2	3.8
358.7	S			CS2			75. 185.	357.5	-19.4	11.8	171.9	6.2
364.8	S			CS2			84. 185.	363.5	-19.3	12.7	171.6	8.5
365.7	R							364.4	-19.3	12.8	171.5	8.8
370.9	S			CS2			82. 185.	369.6	-19.2	13.6	171.3	9.7
377.1	S			CS2			85. 185.	375.7	-19.0	14.5	171.1	10.9
381.1	L	28 5B7						379.6	-18.9	15.1	170.9	11.6
383.1	S			CS2			85. 185.	381.6	-18.8	15.4	170.8	11.9
387.1	L	29 58D						385.6	-18.7	16.1	170.7	12.7
389.2	S			CS2			80. 185.	387.6	-18.6	16.4	170.6	13.0
395.5	S			CS2			86. 185.	393.8	-18.4	17.4	170.3	14.2
396.2	R							394.5	-18.3	17.5	170.3	14.3
401.4	S			CS2			85. 185.	399.7	-18.1	18.4	170.0	17.1
407.5	S			CS2			82. 185.	405.7	-17.8	19.4	169.7	20.5
413.6	S			CS2			75. 185.	411.7	-17.3	20.4	169.4	23.8
419.7	S			CS2			67. 185.	417.7	-16.9	21.4	169.1	27.2
426.1	S			CS2			75. 185.	423.9	-16.3	22.5	168.8	30.7
426.7	R							424.5	-16.2	22.6	168.8	31.0
427.2	L	30 5B7						425.0	-16.2	22.7	168.8	31.3
431.4	L	31 503						429.1	-15.7	23.4	168.5	33.5
431.8	S			CS2			77. 185.	429.5	-15.7	23.5	168.5	33.7
434.9	L	32 5B7						432.6	-15.3	24.0	168.3	35.3
436.7	L	33 5D3						434.3	-15.1	24.3	168.1	36.3
438.0	S			CS2			70. 185.	435.6	-14.9	24.5	168.1	37.0
443.9	S			CS2			52. 185.	441.4	-14.2	25.5	167.7	40.1
446.5	L	34 5B7						443.9	-13.8	25.9	167.5	41.5

****
* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
449.1	L	35 5D3							446.4	-13.4	26.3	167.3	42.8
450.2	S				CS2			75. 185.	447.5	-13.3	26.5	167.3	43.4
454.8	L	36 5B0							452.0	-12.5	27.2	167.0	45.8
456.3	S				CS2			78. 185.	453.5	-12.3	27.4	166.9	46.6
456.8	L	37 5D3							453.9	-12.2	27.5	166.8	46.9
457.2	R								454.3	-12.1	27.6	166.8	47.1
460.6	L	38 5B0							457.6	-11.6	28.1	166.8	46.4
462.4	S				CS2			78. 185.	459.4	-11.3	28.4	166.8	46.0
462.7	L	39 5D3							459.7	-11.2	28.4	166.8	45.9
468.4	S				CS2			86. 185.	465.2	-10.3	29.4	166.8	44.6
470.6	L	40 5B0							467.4	-9.9	29.7	166.8	44.2
472.0	L	41 5D3							468.7	-9.7	30.0	166.8	43.8
474.4	S				CS2			86. 185.	471.1	-9.3	30.4	166.8	43.3
480.7	S				CS2			68. 185.	477.2	-8.4	31.4	166.8	41.9
481.5	L	42 5BD							478.0	-8.3	31.5	166.8	41.8
484.7	L	43 5A1							481.1	-7.8	32.1	166.8	41.1
485.2	L	44 5D3							481.6	-7.7	32.2	166.8	40.9
485.7	L	45 5A1							482.1	-7.6	32.3	166.8	40.8
486.7	S				CS2			68. 185.	483.1	-7.5	32.4	166.8	40.6
487.7	R								484.0	-7.3	32.6	166.8	40.4
492.7	S				CS2			72. 185.	488.9	-6.6	33.5	166.6	40.7
495.4	L	46 5B6							491.5	-6.2	34.0	166.5	40.8
495.9	L	47 4E0							492.0	-6.1	34.1	166.4	40.9
498.2	L	48 4A0							494.2	-5.7	34.5	166.4	41.0
498.4	L	49 0D0							494.4	-5.7	34.5	166.3	41.0
498.9	S				CS2			52. 185.	494.9	-5.6	34.6	166.3	41.0
502.7	L	50 5B6							498.6	-5.0	35.3	166.2	41.2
512.0	L	51 0D0							507.6	-3.5	37.0	165.8	41.8
518.1	R								513.5	-2.5	38.1	165.5	42.1
519.6	L	52 0F6							515.0	-2.3	38.4	165.4	42.4
541.0	L	53 0D0							535.7	1.6	42.3	164.6	47.4
545.2	S				PS2			70. 185.	539.7	2.5	43.0	164.4	48.3

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* DDH: 78-X-06 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597839.0 METERS NORTH: 6900946.0 METERS ELEV: 1009.1 METERS

COMMENT: NO ASSAYED SECTIONS

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
548.6	R									543.0	3.2	43.6	164.3	49.1
548.8	L	54 5A1								543.2	3.2	43.7	164.3	49.1
562.3	L	55 3D1								556.1	6.1	46.1	163.1	50.0
564.0	S				PS2				78. 185.	557.8	6.5	46.4	162.9	50.1
570.5	S				PS2				71. 185.	564.0	8.0	47.7	162.4	50.5
576.2	S				PS2				68. 185.	569.4	9.3	48.8	161.9	50.8
579.1	R									572.1	10.0	49.4	161.6	51.0
581.3	S				PS2				70. 185.	574.2	10.6	49.8	161.5	51.1
587.4	S				PS2				63. 185.	580.0	12.1	51.0	161.1	51.2
593.4	S				PS2				71. 185.	585.7	13.6	52.3	160.7	51.3
594.7	L	56 3D4								586.9	13.9	52.5	160.6	51.4
599.5	S				PS2				82. 185.	591.4	15.2	53.5	160.3	51.5
605.0	R									596.6	16.7	54.7	160.0	51.6
605.3	S				PS2				83. 185.	596.9	16.7	54.8	160.0	51.6
611.7	S				PS2				82. 185.	602.9	18.5	56.1	160.0	51.6
614.8	L	57 3G0								605.8	19.3	56.8	160.0	51.6
614.8	R									605.8	19.3	56.8	160.0	51.6

FINISHED -- LENGTH = 614.80 METERS ENTRIES = 198

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*      DDH:  78-X-07     *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    597031.0  NORTH:  6901418.0
                      ELEV:      1168.9


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                 1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1 178-X-07 01168.906901418 00597031 METERS
     2 R78-X-07 00000        180.0 000.0 AT COLLAR
     3 R78-X-07 00305        179.4 324.9
     4 R78-X-07 00610        179.3 327.2
     5 R78-X-07 00914        178.9 025.1
     6 R78-X-07 01219        178.5 002.7
     7 R78-X-07 01524        179.0 080.9
     8 R78-X-07 01829        179.2 133.5
     9 R78-X-07 02134        177.6 141.4
    10 R78-X-07 02438        176.4 138.8
    11 R78-X-07 02743        175.4 164.5
    12 R78-X-07 03048        173.3 157.9
    13 R78-X-07 03353        173.0 167.4
    14 R78-X-07 03657        173.4 171.6
    15 R78-X-07 03962        173.8 198.3
    16 R78-X-07 04267        174.0 212.7
    17 R78-X-07 04572        174.1 216.8
    18 C78-X-07 CEMENTED WITH THIRTY BAGS TYPE 10
    19 C78-X-07   PORTLAND CEMENT
    20 R78-X-07 04877        172.8 216.8
    21 R78-X-07 05181        173.5 224.7
    22 R78-X-07 05486        173.9 223.3
    23 R78-X-07 05791        171.3 239.7
    24 R78-X-07 06096        172.8 236.4
    25 R78-X-07 06401        173.3 277.2
    26 R78-X-07 06705        171.3 305.2
    27 R78-X-07 07010        172.0 339.0
    28 L78-X-07 00000 00095 01   #
    29 L78-X-07 00095 00197 02 5C6
    30 L78-X-07 00197 00250 03 5D6
    31 L78-X-07 00250 00281 04 5C6
    32 L78-X-07 00281 00331 05 5D6
    33 L78-X-07 00331 00428 06 5B0
    34 L78-X-07 00428 00462 07 5D3
    35 L78-X-07 00462 00515 08 5B0
    36 L78-X-07 00515 00566 09 5B6
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
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* DDH: 78-X-07 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 37   L78-X-07 00566 01088 10 5B0
 38   L78-X-07 01088 01097 11 5D6
 39   L78-X-07 01097 01192 12 5C3
 40   L78-X-07 01192 01359 13 5C6
 41   L78-X-07 01359 01481 14 5D3
 42   L78-X-07 01481 01551 15 5B6
 43   L78-X-07 01551 01573 16 5D6
 44   L78-X-07 01573 01612 17 5C6
 45   L78-X-07 01612 01649 18 5D6
 46   L78-X-07 01649 01663 19 5B0
 47   L78-X-07 01663 01671 20 5D6
 48   L78-X-07 01671 01773 21 5B0
 49   L78-X-07 01773 02699 22 5B0
 50   L78-X-07 02699 02760 23 5B6
 51   L78-X-07 02760 03553 24 5B0
 52   L78-X-07 03553 03668 25 5B6
 53   L78-X-07 03668 03778 26 5B0
 54   L78-X-07 03778 04472 27 5B0
 55   L78-X-07 04472 04479 28 5D3
 56   L78-X-07 04479 04488 29 5B0
 57   L78-X-07 04488 04490 30 5D3
 58   L78-X-07 04490 04883 31 5B0
 59   L78-X-07 04883 04913 32 5B6
 60   L78-X-07 04913 04976 33 5B0
 61   L78-X-07 04976 05018 34 5B0
 62   L78-X-07 05018 05124 35 5B6
 63   L78-X-07 05124 05134 36 4K0
 64   L78-X-07 05134 05144 37 5D0
 65   L78-X-07 05144 05156 38 5B0
 66   L78-X-07 05156 05187 39 4K0
 67   L78-X-07 05187 05318 40 4C0
 68   L78-X-07 05318 05510 41 4C8
 69   L78-X-07 05510 05536 42 5D4
 70   L78-X-07 05536 05552 43 4E1
 71   L78-X-07 05552 05570 44 5D4
 72   L78-X-07 05570 05589 45 4C8
 73   L78-X-07 05589 05593 46 5D6
 74   L78-X-07 05593 05627 47 4EC
 75   L78-X-07 05627 05633 48 5D3
 76   L78-X-07 05633 05635 49 4E1
 77   L78-X-07 05635 05646 50 5D3
 78   L78-X-07 05646 05652 51 4EC
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
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* DDH: 78-X-07 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79 L78-X-07 05652 05654 52 5D3
   80 L78-X-07 05654 05684 53 4E8
   81 L78-X-07 05684 05757 54 4C8
   82 L78-X-07 05757 05837 55 4C0
   83 L78-X-07 05837 05858 56 4A0
   84 L78-X-07 05858 05875 57 5A1
   85 L78-X-07 05875 05900 58 4A7
   86 L78-X-07 05900 05922 59 4L7
   87 L78-X-07 05922 05928 60 5A1
   88 L78-X-07 05928 05953 61 5D4
   89 L78-X-07 05953 05964 62 4C0
   90 L78-X-07 05964 05974 63 5D4
   91 L78-X-07 05974 06110 64 5B7
   92 L78-X-07 06110 06175 65 4L7
   93 L78-X-07 06175 06186 66 4A0
   94 L78-X-07 06186 06192 67 4C0
   95 L78-X-07 06192 06207 68 5B6
   96 L78-X-07 06207 06235 69 4C0
   97 L78-X-07 06235 06291 70 4A0
   98 L78-X-07 06291 06308 71 4G0
   99 L78-X-07 06308 06317 72 4E0
  100 L78-X-07 06317 06321 73 4E8
  101 L78-X-07 06321 06562 74 5D3
  102 L78-X-07 06562 06666 75 5B7
  103 L78-X-07 06666 06674 76 5D3
  104 L78-X-07 06674 06714 77 5DB
  105 L78-X-07 06714 06757 78 5B7
  106 L78-X-07 06757 06785 79 5D3
  107 L78-X-07 06785 06789 80 5B6
  108 L78-X-07 06789 06795 81 4L7
  109 L78-X-07 06795 06825 82 5B6
  110 L78-X-07 06825 06897 83 4A0
  111 L78-X-07 06897 07005 84 4L7
  112 L78-X-07 07005 07011 85 5D3
  113 L78-X-07 07011 07021 86 4L7
  114 L78-X-07 07021 07141 87 4L7
  115 L78-X-07 07141 07196 88 5B6
  116 S78-X-07       00098 PS2       69185
  117 S78-X-07       00152 PS2       72185
  118 S78-X-07       00205 CS2       84185
  119 S78-X-07       00251 PS2       60185
  120 S78-X-07       00302 CS2       75185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
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* DDH: 78-X-07 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

	1	2	3	4
	1.....0.....0.....0.....0			
121	S78-X-07	00355 CS2	72185	
122	S78-X-07	00413 CS2	60185	
123	S78-X-07	00477 CS2	45185	
124	S78-X-07	00528 CS2	70185	
125	S78-X-07	00570 CS2	74185	
126	S78-X-07	00630 CS2	80185	
127	S78-X-07	00690 CS2	80185	
128	S78-X-07	00754 CS2	76185	
129	S78-X-07	00815 CS2	70185	
130	S78-X-07	00872 CS2	75185	
131	S78-X-07	00941 CS2	75185	
132	S78-X-07	01003 CS2	75185	
133	S78-X-07	01059 CS2	79185	
134	S78-X-07	01119 PS2	60185	
135	S78-X-07	01209 PS2	65185	
136	S78-X-07	01359 PS2	58185	
137	S78-X-07	01421 CS2	58185	
138	S78-X-07	01482 CS2	73185	
139	S78-X-07	01551 CS2	64185	
140	S78-X-07	01606 CS2	73185	
141	S78-X-07	01670 CS2	61185	
142	S78-X-07	01738 CS2	60185	
143	S78-X-07	01783 CS2	60185	
144	S78-X-07	01850 CS2	73185	
145	S78-X-07	01912 CS2	80185	
146	S78-X-07	01971 CS2	56185	
147	S78-X-07	02076 CS2	60185	
148	S78-X-07	02132 CS2	69185	
149	S78-X-07	02188 CS2	65185	
150	S78-X-07	02247 CS2	61185	
151	S78-X-07	02307 CS2	79185	
152	S78-X-07	02368 CS2	79185	
153	S78-X-07	02429 CS2	64185	
154	S78-X-07	02485 CS2	67185	
155	S78-X-07	02542 CS2	58185	
156	S78-X-07	02588 CS2	69185	
157	S78-X-07	02642 CS2	70185	
158	S78-X-07	02700 CS2	56185	
159	S78-X-07	02765 CS2	63185	
160	S78-X-07	02826 CS2	82185	
161	S78-X-07	02880 CS2	85185	
162	S78-X-07	02941 CS2	72185	
	1.....1.....2.....3.....4			
	0 0 0 0			

	5	6	7	8
	5.....0.....0.....0.....0			
	5.....6.....7.....8			
	0 0 0 0			

****
* DDH: 78-X-07 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
           1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    163  S78-X-07       03008 CS2       75185
    164  S78-X-07       03052 CS2       73185
    165  S78-X-07       03101 CS2       67185
    166  S78-X-07       03154 CS2       81185
    167  S78-X-07       03213 CS2       88185
    168  S78-X-07       03270 CS2       79185
    169  S78-X-07       03344 CS2       61185
    170  S78-X-07       03404 CS2       75185
    171  S78-X-07       03466 CS2       73185
    172  S78-X-07       03527 CS2       77185
    173  S78-X-07       03584 CS2       73185
    174  S78-X-07       03648 CS2       78185
    175  S78-X-07       03703 CS2       66185
    176  S78-X-07       03770 CS2       75185
    177  S78-X-07       03832 CS2       78185
    178  S78-X-07       03892 CS2       77185
    179  S78-X-07       03953 CS2       78185
    180  S78-X-07       04014 CS2       80185
    181  S78-X-07       04075 CS2       83185
    182  S78-X-07       04136 CS2       76185
    183  S78-X-07       04197 CS2       81185
    184  S78-X-07       04258 CS2       79185
    185  S78-X-07       04319 CS2       59185
    186  S78-X-07       04362 CS2       80185
    187  S78-X-07       04420 CS2       79185
    188  S78-X-07       04479 CS2       71185
    189  S78-X-07       04547 CS2       82185
    190  S78-X-07       04611 CS2       80185
    191  S78-X-07       04669 CS2       72185
    192  S78-X-07       04724 CS2       72185
    193  S78-X-07       04781 CS2       81185
    194  S78-X-07       04831 CS2       74185
    195  S78-X-07       04897 CS2       85185
    196  S78-X-07       04947 CS2       75185
    197  S78-X-07       05006 CS2       90185
    198  S78-X-07       05066 CS2       75185
    199  S78-X-07       05123 PS2       67185
    200  S78-X-07       05188 PS2       74185
    201  S78-X-07       05240 PS2       50185
    202  S78-X-07       05301 PS2       81185
    203  S78-X-07       05357 PS2       77185
    204  S78-X-07       05437 PS2       80185
           1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-07 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205 S78-X-07        05501 CS2         80185
  206 S78-X-07        05558 CS2         66185
  207 S78-X-07        05613 PS2         75185
  208 S78-X-07        05672 PS2         70185
  209 S78-X-07        05736 PS2         75185
  210 S78-X-07        05797 CS2         73185
  211 S78-X-07        05858 CS2         62185
  212 S78-X-07        05914 CS2         80185
  213 S78-X-07        05965 CS2         75185
  214 S78-X-07        06026 CS2         75185
  215 S78-X-07        06087 CS2         55185
  216 S78-X-07        06152 CS2         70185
  217 S78-X-07        06208 CS2         78185
  218 S78-X-07        06266 CS2         73185
  219 S78-X-07        06324 CS2         54185
  220 S78-X-07        06370 CS2         48185
  221 S78-X-07        06439 CS2         62185
  222 S78-X-07        06492 CS2         66185
  223 S78-X-07        06555 CS2         84185
  224 S78-X-07        06608 CS2         60185
  225 S78-X-07        06672 CS2         63185
  226 S78-X-07        06733 CS2         65185
  227 S78-X-07        06793 CS2         72185
  228 S78-X-07        06856 CS2         48185
  229 S78-X-07        06922 CS2         69185
  230 S78-X-07        06982 CS2         80185
  231 S78-X-07        07047 CS2         55185
  232 S78-X-07        07108 CS2         80185
  233 S78-X-07        07173 CS2         60185
  234 P78-X-07 05124 05134 002762
  235 P78-X-07 05156 05176 002763
  236 P78-X-07 05176 05196 002764
  237 P78-X-07 05196 05216 002765
  238 P78-X-07 05216 05236 002766
  239 P78-X-07 05236 05256 002767
  240 P78-X-07 05256 05276 002768
  241 P78-X-07 05276 05296 002769
  242 P78-X-07 05296 05316 002770
  243 P78-X-07 05316 05336 002771
  244 P78-X-07 05336 05356 002772
  245 P78-X-07 05356 05376 002773
  246 P78-X-07 05376 05396 002774
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-07 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  247  P78-X-07 05396 05416 002775
  248  P78-X-07 05416 05436 002776
  249  P78-X-07 05436 05456 002777
  250  P78-X-07 05456 05476 002778
  251  P78-X-07 05476 05496 002779
  252  P78-X-07 05496 05510 002780
  253  P78-X-07 05536 05552 002781
  254  P78-X-07 05552 05570 002782
  255  P78-X-07 05570 05589 002783
  256  P78-X-07 05593 05613 002784
  257  P78-X-07 05613 05627 002785
  258  P78-X-07 05633 05652 002786
  259  P78-X-07 05654 05674 002787
  260  P78-X-07 05674 05694 002788
  261  P78-X-07 05694 05714 002789
  262  P78-X-07 05714 05734 002790
  263  P78-X-07 05734 05754 002791
  264  P78-X-07 05754 05774 002792
  265  P78-X-07 05774 05794 002793
  266  P78-X-07 05794 05814 002794
  267  P78-X-07 05814 05834 002795
  268  P78-X-07 05834 05844 002796
  269  P78-X-07 05844 05858 002797
  270  P78-X-07 05875 05885 002798
  271  P78-X-07 05885 05900 002799
  272  P78-X-07 05953 05964 002800
  273  P78-X-07 06175 06192 002801
  274  P78-X-07 06207 06217 002802
  275  P78-X-07 06217 06235 002803
  276  P78-X-07 06235 06279 002804
  277  P78-X-07 06279 06291 002805
  278  P78-X-07 06291 06308 002806
  279  P78-X-07 06308 06321 002807
  280  A78-X-07 512.4 513.4  1.0  2762 21.0 0.66 0.17        0.32
  281  A78-X-07 515.6 517.6  2.0  2763  8.0 0.05 0.02        0.34
  282  A78-X-07 517.6 519.6  2.0  2764  7.0 0.03 0.01        0.41
  283  A78-X-07 519.6 521.6  2.0  2765 10.0 0.02 0.01        0.77
  284  A78-X-07 521.6 523.6  2.0  2766  7.0 0.01 0.01        0.46
  285  A78-X-07 523.6 525.6  2.0  2767  8.0 0.03 0.04        0.43
  286  A78-X-07 525.6 527.5  1.9  2768 10.0 0.06 0.34        0.45
  287  A78-X-07 527.5 529.4  1.9  2769  7.0 0.05 1.07        0.27
  288  A78-X-07 529.4 531.4  2.0  2770  9.0 0.08 0.17        0.35
       1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-07 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

	1	2	3	4	5	6	7	8		
	1.....0.....0.....0.....0.....0.....0.....0.....0.									
289	A78-X-07	531.4	533.6	2.2	2771	11.0	0.05	0.02		0.58
290	A78-X-07	533.6	535.6	2.0	2772	10.0	0.08	0.03		0.39
291	A78-X-07	535.6	537.6	2.0	2773	15.0	0.34	0.28		0.33
292	A78-X-07	537.6	539.6	2.0	2774	15.0	0.67	0.65		0.34
293	A78-X-07	539.6	541.6	2.0	2775	13.0	0.71	0.54		0.17
294	A78-X-07	541.6	543.6	2.0	2776	18.0	0.83	0.64		0.30
295	A78-X-07	543.6	545.6	2.0	2777	10.0	0.08	0.04		0.37
296	A78-X-07	545.6	547.6	2.0	2778	28.0	1.27	1.04		0.48
297	A78-X-07	547.6	549.6	2.0	2779	27.0	1.39	0.87		0.33
298	A78-X-07	549.6	550.9	1.3	2780	28.0	1.77	1.23		0.28
299	A78-X-07	553.6	555.2	1.6	2781	33.0	1.52	0.87		0.36
300	A78-X-07	555.2	557.0	1.8	2782	12.0	0.52	0.48		0.14
301	A78-X-07	557.0	558.9	1.9	2783	36.0	2.04	0.17		0.26
302	A78-X-07	559.3	561.3	2.0	2784	22.0	0.33	0.09		0.26
303	A78-X-07	561.3	562.6	1.3	2785	17.0	0.23	0.07		0.35
304	A78-X-07	563.2	565.2	2.0	2786	18.0	0.48	0.15		0.21
305	A78-X-07	565.4	567.4	2.0	2787	26.0	0.73	1.01		0.61
306	A78-X-07	567.4	569.4	2.0	2788	27.0	1.05	1.01		0.36
307	A78-X-07	569.4	571.4	2.0	2789	49.0	5.49	1.88	7.37	0.18
308	A78-X-07	571.4	573.4	2.0	2790	15.0	0.69	0.19		0.27
309	A78-X-07	573.4	575.4	2.0	2791	15.0	0.30	0.45		0.29
310	A78-X-07	575.4	577.4	2.0	2792	6.0	0.14	0.07		0.14
311	A78-X-07	577.4	579.4	2.0	2793	16.2	0.71	1.51		0.17
312	A78-X-07	579.4	581.4	2.0	2794	6.0	0.12	0.23		0.09
313	A78-X-07	581.4	583.4	2.0	2795	8.0	0.23	0.23		0.14
314	A78-X-07	583.4	584.4	1.0	2796	6.0	0.27	0.30		0.10
315	A78-X-07	584.4	585.8	1.4	2797	8.0	0.64	1.42		0.08
316	A78-X-07	587.5	588.4	0.9	2798	2.0	0.14	0.43		0.04
317	A78-X-07	588.4	590.7	1.7	2799	6.0	0.32	0.81		0.06
318	A78-X-07	595.3	596.4	1.1	2800	9.1	0.31	0.22		0.37
319	A78-X-07	617.5	619.2	1.7	2801	2.0	0.23	1.24		0.03
320	A78-X-07	620.7	621.7	1.0	2802	10.1	0.90	0.05		0.06
321	A78-X-07	621.7	623.5	1.8	2803	9.6	0.16	0.07		0.12
322	A78-X-07	623.5	627.9	4.4	2804	10.1	0.87	1.43		0.07
323	A78-X-07	627.9	629.1	1.2	2805	2.0	0.12	0.24		0.15
324	A78-X-07	629.1	630.7	1.6	2806	68.6	4.52	2.54	7.06	0.17
325	A78-X-07	630.7	632.1	1.4	2807	42.9	0.78	0.33		0.39
	1.....1.....2.....3.....4.....5.....6.....7.....8									
	0	0	0	0	0	0	0	0		

DDH: 78-X-07 -- SUMMARY OF DATA INPUT

RECORDS READ = 325 RELEASED TO SORT 452
TYPE-L = 88
TYPE-P = 46
TYPE-R = 24
TYPE-S = 118
TYPE-X = 35
TYPE-A = 92
TYPE-V = 46 (GENERATED TO DEPTH: 700.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 719.6 METERS

****
* DDH: 78-X-07 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597031.0 NORTH: 6901418.0
ELEV: 1168.9

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: PORTLAND CEMENT

COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.40	
	AZIMUTH:	0.	-	324.90	
BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.40	-	179.30	
	AZIMUTH:	324.90	-	327.20	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	179.30	-	178.90	
	AZIMUTH:	327.20	-	25.10	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	178.90	-	178.50	
	AZIMUTH:	25.10	-	2.70	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	178.50	-	179.00	
	AZIMUTH:	2.70	-	80.90	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	179.00	-	179.20	
	AZIMUTH:	80.90	-	133.50	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	179.20	-	177.60	
	AZIMUTH:	133.50	-	141.40	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	177.60	-	176.40	
	AZIMUTH:	141.40	-	138.80	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	176.40	-	175.40	
	AZIMUTH:	138.80	-	164.50	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	175.40	-	173.30	

		AZIMUTH:	164.50	- 157.90	
BOREHOLE SECTION 11	--	DEPTH:	304.80	- 335.30	METERS
		ZENITH ANG:	173.30	- 173.00	
		AZIMUTH:	157.90	- 167.40	
BOREHOLE SECTION 12	--	DEPTH:	335.30	- 365.70	METERS
		ZENITH ANG:	173.00	- 173.40	
		AZIMUTH:	167.40	- 171.60	
BOREHOLE SECTION 13	--	DEPTH:	365.70	- 396.20	METERS
		ZENITH ANG:	173.40	- 173.80	
		AZIMUTH:	171.60	- 198.30	
BOREHOLE SECTION 14	--	DEPTH:	396.20	- 426.70	METERS
		ZENITH ANG:	173.80	- 174.00	
		AZIMUTH:	198.30	- 212.70	
BOREHOLE SECTION 15	--	DEPTH:	426.70	- 457.20	METERS
		ZENITH ANG:	174.00	- 174.10	
		AZIMUTH:	212.70	- 216.80	
BOREHOLE SECTION 16	--	DEPTH:	457.20	- 487.70	METERS
		ZENITH ANG:	174.10	- 172.80	
		AZIMUTH:	216.80	- 216.80	
BOREHOLE SECTION 17	--	DEPTH:	487.70	- 518.10	METERS
		ZENITH ANG:	172.80	- 173.50	
		AZIMUTH:	216.80	- 224.70	
BOREHOLE SECTION 18	--	DEPTH:	518.10	- 548.60	METERS
		ZENITH ANG:	173.50	- 173.90	
		AZIMUTH:	224.70	- 223.30	
BOREHOLE SECTION 19	--	DEPTH:	548.60	- 579.10	METERS
		ZENITH ANG:	173.90	- 171.30	
		AZIMUTH:	223.30	- 239.70	
BOREHOLE SECTION 20	--	DEPTH:	579.10	- 609.60	METERS
		ZENITH ANG:	171.30	- 172.80	
		AZIMUTH:	239.70	- 236.40	
BOREHOLE SECTION 21	--	DEPTH:	609.60	- 640.10	METERS
		ZENITH ANG:	172.80	- 173.30	
		AZIMUTH:	236.40	- 277.20	
BOREHOLE SECTION 22	--	DEPTH:	640.10	- 670.50	METERS
		ZENITH ANG:	173.30	- 171.30	
		AZIMUTH:	277.20	- 305.20	
BOREHOLE SECTION 23	--	DEPTH:	670.50	- 701.00	METERS
		ZENITH ANG:	171.30	- 172.00	
		AZIMUTH:	305.20	- 339.00	

```
BOREHOLE SECTION 24  --  DEPTH:        701.00 -  719.60 METERS
                         ZENITH ANG:   172.00 -  172.00
                         AZIMUTH:      339.00 -  339.00

FINISHED -- BOREHOLE LENGTH =    719.60 METERS
            FILE SIZE =      451
```

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R										0.	0.	0.	180.0	0.
9.5	L	01 #									9.5	-.0	.0	179.8	349.1
9.8	S				PS2				69.	185.	9.8	-.0	.0	179.8	348.7
15.2	S				PS2				72.	185.	15.2	-.0	.0	179.7	342.5
19.7	L	02 5C6									19.7	-.0	.1	179.6	337.3
20.5	S				CS2				84.	185.	20.5	-.0	.1	179.6	336.4
25.0	L	03 5D6									25.0	-.0	.1	179.5	331.2
25.1	S				PS2				60.	185.	25.1	-.0	.1	179.5	331.1
28.1	L	04 5C6									28.1	-.0	.1	179.4	327.7
30.2	S				CS2				75.	185.	30.2	-.1	.1	179.4	325.2
30.5	R										30.5	-.1	.1	179.4	324.9
33.1	L	05 5D6									33.1	-.1	.2	179.4	325.1
35.5	S				CS2				72.	185.	35.5	-.1	.2	179.4	325.3
41.3	S				CS2				60.	185.	41.3	-.1	.2	179.4	325.7
42.8	L	06 5B0									42.8	-.1	.3	179.4	325.8
46.2	L	07 5D3									46.2	-.2	.3	179.3	326.1
47.7	S				CS2				45.	185.	47.7	-.2	.3	179.3	326.2
51.5	L	08 5B0									51.5	-.2	.3	179.3	326.5
52.8	S				CS2				70.	185.	52.8	-.2	.3	179.3	326.6
56.6	L	09 5B6									56.6	-.2	.4	179.3	326.9
57.0	S				CS2				74.	185.	57.0	-.2	.4	179.3	326.9
61.0	R										61.0	-.3	.4	179.3	327.2
63.0	S				CS2				80.	185.	63.0	-.3	.5	179.3	331.0
69.0	S				CS2				80.	185.	69.0	-.3	.5	179.2	342.4
75.4	S				CS2				76.	185.	75.4	-.3	.6	179.1	354.6
81.5	S				CS2				70.	185.	81.5	-.3	.7	179.0	6.2
87.2	S				CS2				75.	185.	87.2	-.3	.8	179.0	17.1

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
91.4	R										91.4	-.3	.9	178.9	25.1
94.1	S				CS2				75.	185.	94.1	-.2	.9	178.9	23.1
100.3	S				CS2				75.	185.	100.3	-.2	1.1	178.8	18.6
105.9	S				CS2				79.	185.	105.9	-.2	1.2	178.7	14.5
108.8	L	10 5B0									108.8	-.2	1.2	178.7	12.3
109.7	L	11 5D6									109.7	-.1	1.3	178.7	11.7
111.9	S				PS2				60.	185.	111.9	-.1	1.3	178.6	10.0
119.2	L	12 5C3									119.2	-.1	1.5	178.5	4.7
120.9	S				PS2				65.	185.	120.9	-.1	1.5	178.5	3.4
121.9	R										121.9	-.1	1.6	178.5	2.7
121.9	R										121.9	-.1	1.6	178.5	2.7
135.9	L	13 5C6									135.9	.0	1.9	178.7	38.6
135.9	S				PS2				58.	185.	135.9	.0	1.9	178.7	38.6
142.1	S				CS2				58.	185.	142.1	.1	2.0	178.8	54.5
148.1	L	14 5D3									148.1	.2	2.0	178.9	69.9
148.2	S				CS2				73.	185.	148.2	.2	2.0	178.9	70.1
152.4	R										152.4	.3	2.0	179.0	80.9
155.1	L	15 5B6									155.1	.3	2.0	179.0	85.6
155.1	S				CS2				64.	185.	155.1	.3	2.0	179.0	85.6
157.3	L	16 5D6									157.3	.4	2.0	179.0	89.4
160.6	S				CS2				73.	185.	160.6	.4	2.0	179.1	95.0
161.2	L	17 5C6									161.2	.4	2.0	179.1	96.1
164.9	L	18 5D6									164.9	.5	2.0	179.1	102.5
166.3	L	19 5B0									166.3	.5	2.0	179.1	104.9
167.0	S				CS2				61.	185.	167.0	.5	2.0	179.1	106.1
167.1	L	20 5D6									167.1	.5	2.0	179.1	106.3
173.8	S				CS2				60.	185.	173.8	.6	2.0	179.1	117.8
177.3	L	21 5B0									177.3	.7	2.0	179.2	123.8
178.3	S				CS2				60.	185.	178.3	.7	1.9	179.2	125.6

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* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA	STRUCTURAL LOG S1 DIPD	STRUCTURAL LOG S2 CA	STRUCTURAL LOG S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
182.9	R										182.9	.7	1.9	179.2	133.5
185.0	S				CS2				73.	185.	185.0	.7	1.9	179.1	134.0
191.2	S				CS2				80.	185.	191.2	.8	1.8	178.8	135.6
197.1	S				CS2				56.	185.	197.1	.9	1.7	178.5	137.2
207.6	S				CS2				60.	185.	207.6	1.1	1.4	177.9	139.9
213.2	S				CS2				69.	185.	213.2	1.3	1.3	177.6	141.3
213.4	R										213.4	1.3	1.3	177.6	141.4
218.8	S				CS2				65.	185.	218.8	1.4	1.1	177.4	140.9
224.7	S				CS2				61.	185.	224.6	1.6	.9	177.2	140.4
230.7	S				CS2				79.	185.	230.6	1.8	.6	176.9	139.9
236.8	S				CS2				79.	185.	236.7	2.0	.4	176.7	139.4
242.9	S				CS2				64.	185.	242.8	2.3	.1	176.4	138.9
243.8	R										243.7	2.3	.1	176.4	138.8
248.5	S				CS2				67.	185.	248.4	2.5	-.2	176.2	142.8
254.2	S				CS2				58.	185.	254.1	2.7	-.5	176.1	147.6
258.8	S				CS2				69.	185.	258.7	2.9	-.8	175.9	151.4
264.2	S				CS2				70.	185.	264.1	3.1	-1.1	175.7	156.0
269.9	L	22 5B0									269.8	3.2	-1.5	175.5	160.8
270.0	S				CS2				56.	185.	269.9	3.2	-1.5	175.5	160.9
274.3	R										274.1	3.3	-1.9	175.4	164.5
276.0	L	23 5B6									275.8	3.4	-2.0	175.3	164.1
276.5	S				CS2				63.	185.	276.3	3.4	-2.0	175.2	164.0
282.6	S				CS2				82.	185.	282.4	3.5	-2.5	174.8	162.7
288.0	S				CS2				85.	185.	287.8	3.7	-3.0	174.5	161.5
294.1	S				CS2				72.	185.	293.9	3.9	-3.6	174.0	160.2
300.8	S				CS2				75.	185.	300.5	4.1	-4.3	173.6	158.8

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* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
304.8	R								304.5	4.3	-4.7	173.3	157.9
305.2	S				CS2			73. 185.	304.9	4.3	-4.7	173.3	158.0
310.1	S				CS2			67. 185.	309.8	4.5	-5.3	173.2	159.6
315.4	S				CS2			81. 185.	315.0	4.7	-5.9	173.2	161.2
321.3	S				CS2			88. 185.	320.9	4.9	-6.5	173.1	163.0
327.0	S				CS2			79. 185.	326.5	5.1	-7.2	173.1	164.8
334.4	S				CS2			61. 185.	333.9	5.4	-8.1	173.0	167.1
335.3	R								334.8	5.4	-8.2	173.0	167.4
340.4	S				CS2			75. 185.	339.8	5.5	-8.8	173.1	168.1
346.6	S				CS2			73. 185.	346.0	5.7	-9.5	173.1	169.0
352.7	S				CS2			77. 185.	352.0	5.8	-10.2	173.2	169.8
355.3	L	24 5B0							354.6	5.8	-10.5	173.3	170.2
358.4	S				CS2			73. 185.	357.7	5.9	-10.9	173.3	170.6
364.8	S				CS2			78. 185.	364.1	6.0	-11.6	173.4	171.5
365.7	R								365.0	6.0	-11.7	173.4	171.6
366.8	L	25 5B6							366.1	6.1	-11.8	173.4	172.6
370.3	S				CS2			66. 185.	369.5	6.1	-12.2	173.5	175.6
377.0	S				CS2			75. 185.	376.2	6.1	-13.0	173.5	181.5
377.8	L	26 5B0							377.0	6.1	-13.1	173.6	182.2
383.2	S				CS2			78. 185.	382.3	6.1	-13.7	173.6	186.9
389.2	S				CS2			77. 185.	388.3	6.0	-14.3	173.7	192.2
395.3	S				CS2			78. 185.	394.4	5.8	-15.0	173.8	197.5
396.2	R								395.3	5.8	-15.1	173.8	198.3
401.4	S				CS2			80. 185.	400.4	5.6	-15.6	173.8	200.8
407.5	S				CS2			83. 185.	406.5	5.3	-16.2	173.9	203.6
413.6	S				CS2			76. 185.	412.6	5.0	-16.8	173.9	206.5
419.7	S				CS2			81. 185.	418.6	4.7	-17.3	174.0	209.4
425.8	S				CS2			79. 185.	424.7	4.4	-17.9	174.0	212.3

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* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG		S1	S2	TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
426.7	R								425.6	4.4	-18.0	174.0	212.7
431.9	S				CS2			59. 185.	430.8	4.1	-18.4	174.0	213.4
436.2	S				CS2			80. 185.	435.0	3.8	-18.8	174.0	214.0
442.0	S				CS2			79. 185.	440.8	3.5	-19.3	174.1	214.8
447.2	L	27 5B0							446.0	3.2	-19.8	174.1	215.5
447.9	L	28 5D3							446.7	3.1	-19.8	174.1	215.5
447.9	S				CS2			71. 185.	446.7	3.1	-19.8	174.1	215.5
448.8	L	29 5B0							447.6	3.1	-19.9	174.1	215.7
449.0	L	30 5D3							447.8	3.1	-19.9	174.1	215.7
454.7	S				CS2			82. 185.	453.4	2.7	-20.4	174.1	216.5
457.2	R								455.9	2.5	-20.6	174.1	216.8
461.1	S				CS2			80. 185.	459.8	2.3	-20.9	173.9	216.8
466.9	S				CS2			72. 185.	465.6	1.9	-21.4	173.7	216.8
472.4	S				CS2			72. 185.	471.0	1.6	-21.9	173.5	216.8
478.1	S				CS2			81. 185.	476.7	1.2	-22.4	173.2	216.8
483.1	S				CS2			74. 185.	481.7	.8	-22.9	173.0	216.8
487.7	R								486.2	.5	-23.4	172.8	216.8
488.3	L	31 5B0							486.8	.4	-23.4	172.8	217.0
489.7	S				CS2			85. 185.	488.2	.3	-23.6	172.8	217.3
491.3	L	32 5B6							489.8	.2	-23.7	172.9	217.7
494.7	S				CS2			75. 185.	493.2	-.1	-24.1	173.0	218.6
497.6	L	33 5B0							496.1	-.3	-24.3	173.0	219.4
500.6	S				CS2			90. 185.	499.0	-.5	-24.6	173.1	220.2
501.8	L	34 5B0							500.2	-.6	-24.7	173.1	220.5
506.6	S				CS2			75. 185.	505.0	-1.0	-25.2	173.2	221.7
512.3	S				PS2			67. 185.	510.7	-1.4	-25.7	173.4	223.2
512.4	L	35 5B6							510.8	-1.4	-25.7	173.4	223.2
512.9	P		2762	1.					511.2	-1.5	-25.7	173.4	223.3
513.4	L	36 4K0							511.7	-1.5	-25.7	173.4	223.5
514.4	L	37 5D0							512.7	-1.6	-25.8	173.4	223.7
515.6	L	38 5B0							513.9	-1.7	-25.9	173.4	224.1
516.6	P		2763	2.					514.9	-1.8	-26.0	173.5	224.3

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* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
518.1	R										516.4	-1.9	-26.1	173.5	224.7
518.6	P		2764	2.							516.9	-1.9	-26.2	173.5	224.7
518.7	L	39 4K0									517.0	-1.9	-26.2	173.5	224.7
518.8	S				PS2				74.	185.	517.1	-2.0	-26.2	173.5	224.7
520.6	P		2765	2.							518.9	-2.1	-26.3	173.5	224.6
522.6	P		2766	2.							520.9	-2.3	-26.5	173.6	224.5
524.0	S				PS2				50.	185.	522.3	-2.4	-26.6	173.6	224.4
524.6	P		2767	2.							522.9	-2.4	-26.7	173.6	224.4
526.6	P		2768	2.							524.9	-2.6	-26.8	173.6	224.3
528.6	P		2769	2.							526.8	-2.7	-27.0	173.6	224.2
530.1	S				PS2				81.	185.	528.3	-2.8	-27.1	173.7	224.1
530.6	P		2770	2.							528.8	-2.9	-27.1	173.7	224.1
531.8	L	40 4C0									530.0	-3.0	-27.2	173.7	224.1
532.6	P		2771	2.							530.8	-3.0	-27.3	173.7	224.0
534.6	P		2772	2.							532.8	-3.2	-27.4	173.7	223.9
535.7	S				PS2				77.	185.	533.9	-3.3	-27.5	173.7	223.9
536.6	P		2773	2.							534.8	-3.3	-27.6	173.7	223.9
538.6	P		2774	2.							536.8	-3.5	-27.8	173.8	223.8
540.6	P		2775	2.							538.8	-3.6	-27.9	173.8	223.7
542.6	P		2776	2.							540.8	-3.8	-28.1	173.8	223.6
543.7	S				PS2				80.	185.	541.9	-3.9	-28.2	173.8	223.5
544.6	P		2777	2.							542.8	-3.9	-28.2	173.8	223.5
546.6	P		2778	2.							544.7	-4.1	-28.4	173.9	223.4
548.6	P		2779	2.							546.7	-4.2	-28.5	173.9	223.3
548.6	R										546.7	-4.2	-28.5	173.9	223.3
550.1	S				CS2				80.	185.	548.2	-4.3	-28.7	173.8	224.1
550.3	P		2780	1.							548.4	-4.3	-28.7	173.8	224.2
551.0	L	41 4C8									549.1	-4.4	-28.7	173.7	224.6
553.6	L	42 5D4									551.7	-4.6	-28.9	173.5	226.0
554.4	P		2781	2.							552.5	-4.7	-29.0	173.4	226.4
555.2	L	43 4E1									553.3	-4.7	-29.1	173.3	226.8
555.8	S				CS2				66.	185.	553.9	-4.8	-29.1	173.3	227.2
556.1	P		2782	2.							554.2	-4.8	-29.1	173.3	227.3
557.0	L	44 5D4									555.1	-4.9	-29.2	173.2	227.8

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* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH METERS	CODE	LITH	GEOCHM NO	LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
558.0	P		2783	2.							556.0	-5.0	-29.3	173.1	228.3
558.9	L	45 4C8									557.0	-5.1	-29.3	173.0	228.8
559.3	L	46 5D6									557.4	-5.1	-29.4	173.0	229.1
560.3	P		2784	2.							558.4	-5.2	-29.5	172.9	229.6
561.3	S				PS2				75.	185.	559.3	-5.3	-29.5	172.8	230.1
562.0	P		2785	1.							560.0	-5.4	-29.6	172.8	230.5
562.7	L	47 4EC									560.7	-5.4	-29.7	172.7	230.9
563.3	L	48 5D3									561.3	-5.5	-29.7	172.6	231.2
563.5	L	49 4E1									561.5	-5.5	-29.7	172.6	231.3
564.2	P		2786	2.							562.3	-5.6	-29.8	172.6	231.7
564.6	L	50 5D3									562.6	-5.6	-29.8	172.5	231.9
565.2	L	51 4EC									563.2	-5.7	-29.9	172.5	232.2
565.4	L	52 5D3									563.4	-5.7	-29.9	172.5	232.3
566.4	P		2787	2.							564.4	-5.8	-30.0	172.4	232.9
567.2	S				PS2				70.	185.	565.2	-5.9	-30.0	172.3	233.3
568.4	L	53 4E8									566.4	-6.0	-30.1	172.2	233.9
568.4	P		2788	2.							566.4	-6.0	-30.1	172.2	233.9
570.4	P		2789	2.							568.4	-6.2	-30.3	172.0	235.0
572.4	P		2790	2.							570.3	-6.5	-30.4	171.9	236.1
573.6	S				PS2				75.	185.	571.5	-6.6	-30.5	171.8	236.7
574.4	P		2791	2.							572.3	-6.7	-30.6	171.7	237.2
575.7	L	54 4C8									573.6	-6.9	-30.7	171.6	237.9
576.4	P		2792	2.							574.3	-7.0	-30.7	171.5	238.2
578.4	P		2793	2.							576.3	-7.2	-30.9	171.4	239.3
579.1	R										577.0	-7.3	-30.9	171.3	239.7
579.7	S				CS2				73.	185.	577.6	-7.4	-31.0	171.3	239.6
580.4	P		2794	2.							578.3	-7.5	-31.0	171.4	239.6
582.4	P		2795	2.							580.2	-7.7	-31.2	171.5	239.3
583.7	L	55 4C0									581.5	-7.9	-31.3	171.5	239.2
583.9	P		2796	1.							581.7	-7.9	-31.3	171.5	239.2
585.1	P		2797	1.							582.9	-8.1	-31.4	171.6	239.1
585.8	L	56 4A0									583.6	-8.2	-31.5	171.6	239.0
585.8	S				CS2				62.	185.	583.6	-8.2	-31.5	171.6	239.0
587.5	L	57 5A1									585.3	-8.4	-31.6	171.7	238.8
588.0	P		2798	1.							585.8	-8.4	-31.6	171.7	238.7
589.3	P		2799	2.							587.0	-8.6	-31.7	171.8	238.6

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	INT	FEAT	SYM	S1 CA	DIPD	S2 CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
590.0	L	58 4A7									587.8	-8.7	-31.8	171.8	238.5
591.4	S				CS2				80.	185.	589.1	-8.8	-31.9	171.9	238.4
592.2	L	59 4L7									589.9	-8.9	-31.9	171.9	238.3
592.8	L	60 5A1									590.5	-9.0	-32.0	172.0	238.2
595.3	L	61 5D4									593.0	-9.3	-32.2	172.1	237.9
595.8	P		2800	1.							593.5	-9.4	-32.2	172.1	237.9
596.4	L	62 4C0									594.1	-9.4	-32.2	172.2	237.8
596.5	S				CS2				75.	185.	594.2	-9.4	-32.2	172.2	237.8
597.4	L	63 5D4									595.1	-9.6	-32.3	172.2	237.7
602.6	S				CS2				75.	185.	600.2	-10.1	-32.7	172.5	237.2
608.7	S				CS2				55.	185.	606.3	-10.8	-33.1	172.8	236.5
609.6	R										607.2	-10.9	-33.2	172.8	236.4
611.0	L	64 5B7									608.6	-11.0	-33.3	172.8	238.3
615.2	S				CS2				70.	185.	612.7	-11.5	-33.5	172.9	243.9
617.5	L	65 4L7									615.0	-11.7	-33.6	172.9	247.0
618.4	P		2801	2.							615.9	-11.8	-33.7	172.9	248.1
618.6	L	66 4A0									616.1	-11.9	-33.7	172.9	248.4
619.2	L	67 4C0									616.7	-11.9	-33.7	173.0	249.2
620.7	L	68 5B6									618.2	-12.1	-33.8	173.0	251.2
620.8	S				CS2				78.	185.	618.3	-12.1	-33.8	173.0	251.4
621.2	P		2802	1.							618.7	-12.2	-33.8	173.0	251.9
622.6	P		2803	2.							620.1	-12.3	-33.9	173.0	253.8
623.5	L	69 4C0									621.0	-12.4	-33.9	173.0	255.0
625.7	P		2804	4.							623.2	-12.7	-33.9	173.1	257.9
626.6	S				CS2				73.	185.	624.0	-12.8	-34.0	173.1	259.1
628.5	P		2805	1.							625.9	-13.0	-34.0	173.1	261.7
629.1	L	70 4A0									626.5	-13.1	-34.0	173.1	262.5
630.0	P		2806	2.							627.4	-13.2	-34.0	173.1	263.6
630.8	L	71 4G0									628.2	-13.3	-34.0	173.1	264.8
631.5	P		2807	1.							628.9	-13.4	-34.0	173.2	265.6
631.7	L	72 4E0									629.1	-13.4	-34.0	173.2	266.0
632.1	L	73 4E8									629.5	-13.5	-34.0	173.2	266.5
632.4	S				CS2				54.	185.	629.8	-13.5	-34.0	173.2	266.9
637.0	S				CS2				48.	185.	634.4	-14.0	-34.0	173.2	273.1

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

-------- STRUCTURAL LOG --------

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
719.6	R										716.2	-21.8	-26.7	172.0	339.0

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
512.9	1	276.2	21.0	.66	.17	0.	0.	.32	0.	0.	0.	0.	0.
516.6	2	276.3	8.0	.05	.02	0.	0.	.34	0.	0.	0.	0.	0.
518.6	2	276.4	7.0	.03	.01	0.	0.	.41	0.	0.	0.	0.	0.
520.6	2	276.5	10.0	.02	.01	0.	0.	.77	0.	0.	0.	0.	0.
522.6	2	276.6	7.0	.01	.01	0.	0.	.46	0.	0.	0.	0.	0.
524.6	2	276.7	8.0	.03	.04	0.	0.	.43	0.	0.	0.	0.	0.
526.6	1	276.8	10.0	.06	.34	0.	0.	.45	0.	0.	0.	0.	0.
528.5	1	276.9	7.0	.05	1.07	0.	0.	.27	0.	0.	0.	0.	0.
530.4	2	277.0	9.0	.08	.17	0.	0.	.35	0.	0.	0.	0.	0.
532.5	2	277.1	11.0	.05	.02	0.	0.	.58	0.	0.	0.	0.	0.
534.6	2	277.2	10.0	.08	.03	0.	0.	.39	0.	0.	0.	0.	0.
536.6	2	277.3	15.0	.34	.28	0.	0.	.33	0.	0.	0.	0.	0.
538.6	2	277.4	15.0	.67	.65	0.	0.	.34	0.	0.	0.	0.	0.
540.6	2	277.5	13.0	.71	.54	0.	0.	.17	0.	0.	0.	0.	0.
542.6	2	277.6	18.0	.83	.64	0.	0.	.30	0.	0.	0.	0.	0.
544.6	2	277.7	10.0	.08	.04	0.	0.	.37	0.	0.	0.	0.	0.
546.6	2	277.8	28.0	1.27	1.04	0.	0.	.48	0.	0.	0.	0.	0.
548.6	2	277.9	27.0	1.39	.87	0.	0.	.33	0.	0.	0.	0.	0.
550.2	1	278.0	28.0	1.77	1.23	0.	0.	.28	0.	0.	0.	0.	0.
554.4	1	278.1	33.0	1.52	.87	0.	0.	.36	0.	0.	0.	0.	0.
556.1	1	278.2	12.0	.52	.48	0.	0.	.14	0.	0.	0.	0.	0.
558.0	1	278.3	36.0	2.04	.17	0.	0.	.26	0.	0.	0.	0.	0.
560.3	2	278.4	22.0	.33	.09	0.	0.	.26	0.	0.	0.	0.	0.
562.0	1	278.5	17.0	.23	.07	0.	0.	.35	0.	0.	0.	0.	0.
564.2	2	278.6	18.0	.48	.15	0.	0.	.21	0.	0.	0.	0.	0.
566.4	2	278.7	26.0	.73	1.01	0.	0.	.61	0.	0.	0.	0.	0.
568.4	2	278.8	27.0	1.05	1.01	0.	0.	.36	0.	0.	0.	0.	0.
570.4	2	278.9	49.0	5.49	1.88	7.37	0.	.18	0.	0.	0.	0.	0.
572.4	2	279.0	15.0	.69	.19	0.	0.	.27	0.	0.	0.	0.	0.
574.4	2	279.1	15.0	.30	.45	0.	0.	.29	0.	0.	0.	0.	0.
576.4	2	279.2	6.0	.14	.07	0.	0.	.14	0.	0.	0.	0.	0.
578.4	2	279.3	16.2	.71	1.51	0.	0.	.17	0.	0.	0.	0.	0.
580.4	2	279.4	6.0	.12	.23	0.	0.	.09	0.	0.	0.	0.	0.
582.4	2	279.5	8.0	.23	.23	0.	0.	.14	0.	0.	0.	0.	0.
583.9	1	279.6	6.0	.27	.30	0.	0.	.10	0.	0.	0.	0.	0.
585.1	1	279.7	8.0	.64	1.42	0.	0.	.08	0.	0.	0.	0.	0.
588.0	0	279.8	2.0	.14	.43	0.	0.	.04	0.	0.	0.	0.	0.
589.6	1	279.9	6.0	.32	.81	0.	0.	.06	0.	0.	0.	0.	0.
595.8	1	280.0	9.1	.31	.22	0.	0.	.37	0.	0.	0.	0.	0.
618.4	1	280.1	2.0	.23	1.24	0.	0.	.03	0.	0.	0.	0.	0.

****
* DDH: 78-X-07 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597031.0 METERS NORTH: 6901418.0 METERS ELEV: 1168.9 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
621.2	1	280.2	10.1	.90	.05	0.	0.	.06	0.	0.	0.	0.	0.
622.6	1	280.3	9.6	.16	.07	0.	0.	.12	0.	0.	0.	0.	0.
625.7	4	280.4	10.1	.87	1.43	0.	0.	.07	0.	0.	0.	0.	0.
628.5	1	280.5	2.0	.12	.24	0.	0.	.15	0.	0.	0.	0.	0.
629.9	1	280.6	68.6	4.52	2.54	7.06	0.	.17	0.	0.	0.	0.	0.
631.4	1	280.7	42.9	.78	.33	0.	0.	.39	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 719.60 METERS ENTRIES = 451

****
* DDH: 78-X-08 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 312
POINTS = 308 MAX DDH DEPTH = 738.8 METERS
MAX TRUE DEPTH = 736.0 METERS
EASTING: 0. - 13.8 METERS
NORTHING: -46.7 - 0. METERS

TYPE C DATA (CONTACTS) ----- 114
TYPE F DATA (PLANES) ------- 119
TYPE P DATA (SAMPLES) ------ 6
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 36
TYPE A DATA (SAMPLE MARKERS) 12
TYPE V DATA (ASSAY VALUES)-- 6

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	27.2	01 #	30	402.2	30 5D3	59	509.0	59 5D0	88	642.5	88 4A4
2	28.1	02 5B0	31	409.4	31 5G3	60	517.4	60 5B7	89	647.1	89 5B2
3	46.5	03 5B6	32	413.5	32 5D3	61	519.7	61 5D0	90	663.0	90 5D3
4	85.5	04 5B0	33	414.8	33 5B7	62	525.6	62 5B7	91	664.3	91 5B6
5	91.5	05 5B2	34	415.1	34 5D3	63	526.4	63 5D3	92	667.2	92 5D3
6	127.1	06 5B2	35	418.7	35 5B7	64	530.0	64 5B0	93	672.1	93 5B6
7	131.6	07 5B6	36	421.8	36 5D3	65	533.3	65 5BD	94	674.6	94 5B0
8	142.1	08 5B0	37	422.5	37 5E8	66	535.8	66 5D3	95	682.8	95 5D3
9	149.6	09 5B6	38	426.0	38 5BD	67	537.9	67 5B0	96	683.8	96 5B6
10	151.0	10 5B2	39	429.6	39 5B7	68	540.4	68 5D3	97	685.1	97 5D3
11	151.9	11 5B6	40	430.9	40 5D3	69	584.5	69 5B0	98	687.2	98 5B6
12	154.8	12 5B6	41	435.0	41 5B7	70	586.9	70 5D3	99	688.5	99 5D6
13	182.4	13 5B2	42	437.6	42 5D3	71	595.9	71 5B2	100	691.5	00 4L7
14	209.2	14 5B2	43	439.4	43 5B7	72	603.0	72 5B6	101	702.2	01 5D6
15	209.8	15 5D3	44	440.2	44 5D3	73	605.2	73 5B2	102	710.3	02 5A*
16	220.8	16 5B2	45	443.3	45 5B7	74	608.7	74 5B6	103	711.3	03 3D1
17	249.8	17 5B0	46	443.7	46 5D3	75	614.1	75 5A1	104	712.1	04 0C5
18	253.9	18 5B0	47	453.6	47 5B7	76	624.5	76 5B2	105	717.8	05 3D1
19	268.5	19 5B0	48	457.4	48 5D3	77	630.2	77 5B6	106	718.9	06 0C5
20	269.3	20 5B0	49	467.2	49 5B7	78	630.9	78 5D3	107	720.9	07 3D1
21	339.7	21 5B0	50	472.3	50 5D3	79	632.9	79 5B6	108	724.8	08 3D1
22	341.8	22 5D3	51	475.5	51 5B7	80	633.2	80 5A1	109	728.4	09 0C5
23	350.3	23 5B0	52	488.0	52 5D3	81	634.1	81 4E4	110	729.4	10 3D1
24	352.0	24 0Q0	53	490.1	53 5B7	82	634.3	82 5A1	111	730.5	11 0C3
25	383.0	25 5B0	54	497.3	54 5D3	83	634.9	83 4E4	112	735.9	12 3D1
26	387.7	26 5D3	55	498.4	55 5B7	84	635.8	84 5A1	113	738.0	13 3C3
27	401.1	27 5B7	56	498.7	56 0E6	85	636.0	85 4E4	114	738.8	14 3F0
28	401.4	28 5D3	57	500.8	57 5D3	86	636.6	86 5A1			
29	402.0	29 5B7	58	506.5	58 5B7	87	636.9	87 4E1			

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  78-X-08      *    START PLOT NUMBER  1
**************************

     PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:  -1.70 -   0.   (INCHES)
     Y-AXIS BOREHOLE LENGTH:  28.98 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   738.8 METERS     J =   1 - 308

     MAX PAPER WIDTH REQUIRED:   32.0 INCHES


***** PLOT NUMBER  1 FINISHED  *****
```

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  78-X-08      *    START PLOT NUMBER  2
**************************

     PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

     PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

     PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

     X-AXIS PLOT LIMITS:  -1.70 -   0.   (INCHES)
     Y-AXIS BOREHOLE LENGTH:  28.98 (INCHES)

     BOREHOLE LIMITS FOR PLOTTING:    0.  -   738.8 METERS     J =   1 - 308

     MAX PAPER WIDTH REQUIRED:   32.0 INCHES
```

****
* DDH: 78-X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
265.5	172.2	154.3						79.	185.	3.5	185.0	-3.5	-.20	-.01
270.4	172.2	153.0						75.	185.	7.8	185.0	-7.7	-.20	-.03
276.1	172.1	151.5						74.	185.	8.8	185.0	-8.7	-.20	-.03
282.2	172.0	149.7						79.	185.	3.5	185.0	-3.4	-.20	-.01
288.3	172.0	147.9						81.	185.	1.2	185.0	-1.2	-.20	-.00
294.3	172.0	146.1						63.	185.	20.3	185.0	-20.0	-.19	-.07
300.3	171.9	144.3						80.	185.	2.4	185.0	-2.3	-.20	-.01
306.6	171.9	143.5						79.	185.	3.5	185.0	-3.5	-.20	-.01
312.7	172.1	145.0						85.	185.					
318.8	172.2	146.6						75.	185.	8.1	185.0	-8.0	-.20	-.03
324.7	172.3	148.2						55.	185.	28.6	185.0	-28.2	-.18	-.09
329.6	172.5	149.4						74.	185.	9.3	185.0	-9.2	-.20	-.03
335.6	172.6	151.0						85.	185.					
341.8	172.7	152.6						90.	185.					
348.1	172.9	154.2						70.	185.	13.6	185.0	-13.4	-.19	-.05
352.3	173.0	155.3						76.	185.	7.5	185.0	-7.4	-.20	-.03
358.1	173.1	156.8						78.	185.	5.5	185.0	-5.4	-.20	-.02
364.2	173.2	158.4						82.	185.	1.3	185.0	-1.3	-.20	-.00
368.8	173.3	159.6						81.	185.	2.5	185.0	-2.4	-.20	-.01
374.3	173.5	161.0						85.	185.					
380.0	173.6	162.5						65.	185.	19.0	185.0	-18.7	-.19	-.06
386.0	173.7	164.0						78.	185.	5.9	185.0	-5.8	-.20	-.02
392.0	173.8	165.6						72.	185.	12.0	185.0	-11.9	-.20	-.04
398.0	174.0	167.2						84.	185.					
404.1	174.1	168.7						85.	185.					
409.3	174.2	170.1						79.	185.	5.3	185.0	-5.2	-.20	-.02
415.1	174.4	171.6						80.	185.	4.5	185.0	-4.4	-.20	-.02
421.2	174.5	173.2						75.	185.	9.6	185.0	-9.4	-.20	-.03
427.5	174.6	174.8						88.	185.					
433.7	174.8	176.4						82.	185.	2.8	185.0	-2.8	-.20	-.01
440.0	174.9	178.0						69.	185.	15.9	185.0	-15.7	-.19	-.05
446.2	175.1	179.6						79.	185.	6.1	185.0	-6.0	-.20	-.02
452.3	175.2	181.2						67.	185.	18.2	185.0	-17.9	-.19	-.06
458.1	175.3	182.9						63.	185.	22.3	185.0	-22.0	-.19	-.07
463.3	175.4	185.2						75.	185.	10.4	185.0	-10.2	-.20	-.04
469.4	175.5	187.8						70.	185.	15.5	185.0	-15.3	-.19	-.05
475.8	175.6	190.6						90.	185.					
482.2	175.7	193.4						80.	185.	5.7	185.0	-5.6	-.20	-.02
488.6	175.9	196.2						87.	185.					
494.9	176.0	199.0						82.	185.	4.1	185.0	-4.0	-.20	-.01
501.0	176.1	201.6						77.	185.	9.2	185.0	-9.1	-.20	-.03

****
* DDH: 78-X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
507.2	176.2	204.3						84.	185.	2.3	185.0	-2.2	-.20	-.01
513.4	176.3	207.0						80.	185.	6.5	185.0	-6.4	-.20	-.02
519.7	176.4	209.8						78.	185.	8.6	185.0	-8.5	-.20	-.03
525.9	176.5	212.5						85.	185.					
531.9	176.6	215.1						75.	185.	12.0	185.0	-11.8	-.20	-.04
537.9	176.7	217.7						75.	185.	12.1	185.0	-11.9	-.20	-.04
543.7	176.8	220.2						78.	185.	9.2	185.0	-9.1	-.20	-.03
545.5	176.9	221.0	90.	0.				65.	185.	22.4	185.0	-22.1	-.19	-.08
552.9	177.0	224.3						72.	185.	15.6	185.0	-15.4	-.19	-.05
560.7	177.1	227.7						85.	185.					
567.0	177.2	230.4						83.	185.	4.7	185.0	-4.7	-.20	-.02
573.2	177.4	233.1						85.	185.					
579.0	177.5	235.6						76.	185.	12.3	185.0	-12.1	-.20	-.04
584.9	177.6	238.2						75.	185.	13.4	185.0	-13.2	-.19	-.05
591.0	177.7	240.9						78.	185.	10.6	185.0	-10.4	-.20	-.04
598.9	177.8	244.3						70.	185.	18.8	185.0	-18.5	-.19	-.06
603.1	177.9	246.2						73.	185.	15.9	185.0	-15.7	-.19	-.05
610.6	178.0	249.6						70.	185.	19.1	185.0	-18.8	-.19	-.06
616.7	177.8	253.1						80.	185.					
622.7	177.7	256.6						66.	185.	23.2	185.0	-22.9	-.18	-.08
627.7	177.6	259.5						75.	185.					
634.1	177.4	263.2						60.	185.	29.4	185.0	-29.0	-.17	-.10
639.9	177.3	266.6						68.	185.	21.8	185.0	-21.5	-.19	-.07
646.1	177.2	270.2						80.	185.	9.6	185.0	-9.5	-.20	-.03
650.7	177.1	272.9						67.	185.	22.8	185.0	-22.5	-.18	-.08
657.1	176.9	276.6						84.	185.	5.1	185.0	-5.1	-.20	-.02
663.2	176.8	280.1						86.	185.					
669.2	176.7	283.6						60.	185.	30.3	185.0	-30.0	-.17	-.10
674.5	176.5	286.7						76.	185.	13.6	185.0	-13.4	-.19	-.05
681.8	176.4	291.0						65.	185.	25.8	185.0	-25.4	-.18	-.09
686.0	176.3	293.4						52.	185.	39.0	185.0	-38.6	-.16	-.12
690.9	176.2	296.2						80.	185.	10.7	185.0	-10.6	-.20	-.04
697.0	176.0	299.8						79.	185.	12.1	185.0	-11.9	-.20	-.04
702.1	175.9	302.7						60.	185.	31.7	185.0	-31.3	-.17	-.10
721.0	175.6	311.0						62.	185.	30.4	185.0	-30.0	-.17	-.10
729.3	175.6	311.0						57.	185.	35.4	185.0	-35.0	-.16	-.11
735.6	175.6	311.0						71.	185.	21.3	185.0	-21.0	-.19	-.07

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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**************************
*      DDH:  78-X-08     *    START PLOT NUMBER  3
**************************
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: 0. - .93 (INCHES)
Y-AXIS BOREHOLE LENGTH: 28.98 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 738.8 METERS J = 1 - 308

MAX PAPER WIDTH REQUIRED: 32.0 INCHES

****
* DDH: 78-X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
27.5	179.1	98.3						84.	185.	5.9	185.0	1.0	.20	.00
33.5	178.9	111.2						78.	185.	12.0	185.0	2.1	.20	.01
39.4	178.6	115.6						62.	185.	27.5	185.0	5.2	.20	.02
44.7	178.3	119.5						70.	185.	19.2	185.0	3.5	.20	.01
50.8	178.0	124.0						71.	185.	18.0	185.0	3.2	.20	.01
56.8	177.7	128.4						69.	185.	19.6	185.0	3.5	.20	.01
62.5	177.5	133.1						75.	185.	13.3	185.0	2.4	.20	.01
68.6	177.4	139.5						68.	185.	20.1	185.0	3.6	.20	.01
73.3	177.3	144.4						78.	185.	9.8	185.0	1.7	.20	.01
79.6	177.2	151.1						74.	185.	13.6	185.0	2.4	.20	.01
85.3	177.1	157.1						72.	185.	15.4	185.0	2.7	.20	.01
91.4	177.0	163.5						75.	185.	12.2	185.0	2.1	.20	.01
97.4	176.7	164.4						82.	185.	4.8	185.0	.8	.20	.00
102.7	176.4	165.2						77.	185.	9.6	185.0	1.7	.20	.01
107.9	176.2	165.9						70.	185.	16.4	185.0	2.9	.20	.01
114.1	175.9	166.8						67.	185.	19.1	185.0	3.4	.20	.01
120.3	175.6	167.8						80.	185.	5.7	185.0	1.0	.20	.00
125.4	175.5	168.6						80.	185.	5.6	185.0	1.0	.20	.00
134.0	175.3	170.2						69.	185.	16.4	185.0	2.9	.20	.01
139.6	175.3	171.2						90.	185.					
144.8	175.2	172.1						63.	185.	22.3	185.0	4.1	.20	.01
150.9	175.1	173.2						87.	185.					
156.5	174.9	173.7						85.	185.					
162.7	174.7	173.9						82.	185.	2.7	185.0	.5	.20	.00
168.8	174.4	174.2						68.	185.	16.5	185.0	2.9	.20	.01
175.3	174.1	174.5						78.	185.	6.2	185.0	1.1	.20	.00
181.5	173.9	174.7						82.	185.	1.9	185.0	.3	.20	.00
185.8	173.8	174.2						83.	185.	.8	185.0	.1	.20	.00
191.2	173.7	173.2						87.	185.					
197.2	173.6	172.0						75.	185.	8.7	185.0	1.5	.20	.01
203.6	173.5	170.7						85.	185.					
208.8	173.5	169.7						50.	185.	33.7	185.0	6.6	.20	.02
214.7	173.4	168.4						60.	185.	23.6	185.0	4.3	.20	.02
218.6	173.2	167.3						83.	185.	.2	185.0	.0	.20	.00
224.3	173.1	165.6						61.	185.	22.4	185.0	4.1	.20	.01
229.4	172.9	164.2						78.	185.	5.1	185.0	.9	.20	.00
235.8	172.7	162.3						72.	185.	11.0	185.0	1.9	.20	.01
242.3	172.5	160.4						78.	185.	4.8	185.0	.8	.20	.00
248.8	172.4	158.7						72.	185.	10.9	185.0	1.9	.20	.01
253.9	172.4	157.4						73.	185.	9.9	185.0	1.7	.20	.01
260.0	172.3	155.8						73.	185.	9.9	185.0	1.7	.20	.01

****
* DDH: 78-X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
265.5	172.2	154.3						79.	185.	3.5	185.0	.6	.20	.00
270.4	172.2	153.0						75.	185.	7.8	185.0	1.4	.20	.00
276.1	172.1	151.5						74.	185.	8.8	185.0	1.5	.20	.01
282.2	172.0	149.7						79.	185.	3.5	185.0	.6	.20	.00
288.3	172.0	147.9						81.	185.	1.2	185.0	.2	.20	.00
294.3	172.0	146.1						63.	185.	20.3	185.0	3.7	.20	.01
300.3	171.9	144.3						80.	185.	2.4	185.0	.4	.20	.00
306.6	171.9	143.5						79.	185.	3.5	185.0	.6	.20	.00
312.7	172.1	145.0						85.	185.					
318.8	172.2	146.6						75.	185.	8.1	185.0	1.4	.20	.00
324.7	172.3	148.2						55.	185.	28.6	185.0	5.4	.20	.02
329.6	172.5	149.4						74.	185.	9.3	185.0	1.6	.20	.01
335.6	172.6	151.0						85.	185.					
341.8	172.7	152.6						90.	185.					
348.1	172.9	154.2						70.	185.	13.6	185.0	2.4	.20	.01
352.3	173.0	155.3						76.	185.	7.5	185.0	1.3	.20	.00
358.1	173.1	156.8						78.	185.	5.5	185.0	1.0	.20	.00
364.2	173.2	158.4						82.	185.	1.3	185.0	.2	.20	.00
368.8	173.3	159.6						81.	185.	2.5	185.0	.4	.20	.00
374.3	173.5	161.0						85.	185.					
380.0	173.6	162.5						65.	185.	19.0	185.0	3.4	.20	.01
386.0	173.7	164.0						78.	185.	5.9	185.0	1.0	.20	.00
392.0	173.8	165.6						72.	185.	12.0	185.0	2.1	.20	.01
398.0	174.0	167.2						84.	185.					
404.1	174.1	168.7						85.	185.					
409.3	174.2	170.1						79.	185.	5.3	185.0	.9	.20	.00
415.1	174.4	171.6						80.	185.	4.5	185.0	.8	.20	.00
421.2	174.5	173.2						75.	185.	9.6	185.0	1.7	.20	.01
427.5	174.6	174.8						88.	185.					
433.7	174.8	176.4						82.	185.	2.8	185.0	.5	.20	.00
440.0	174.9	178.0						69.	185.	15.9	185.0	2.8	.20	.01
446.2	175.1	179.6						79.	185.	6.1	185.0	1.1	.20	.00
452.3	175.2	181.2						67.	185.	18.2	185.0	3.3	.20	.01
458.1	175.3	182.9						63.	185.	22.3	185.0	4.1	.20	.01
463.3	175.4	185.2						75.	185.	10.4	185.0	1.8	.20	.01
469.4	175.5	187.8						70.	185.	15.5	185.0	2.8	.20	.01
475.8	175.6	190.6						90.	185.					
482.2	175.7	193.4						80.	185.	5.7	185.0	1.0	.20	.00
488.6	175.9	196.2						87.	185.					
494.9	176.0	199.0						82.	185.	4.1	185.0	.7	.20	.00
501.0	176.1	201.6						77.	185.	9.2	185.0	1.6	.20	.01

****
* DDH: 78-X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
507.2	176.2	204.3						84.	185.	2.3	185.0	.4	.20	.00
513.4	176.3	207.0						80.	185.	6.5	185.0	1.1	.20	.00
519.7	176.4	209.8						78.	185.	8.6	185.0	1.5	.20	.01
525.9	176.5	212.5						85.	185.					
531.9	176.6	215.1						75.	185.	12.0	185.0	2.1	.20	.01
537.9	176.7	217.7						75.	185.	12.1	185.0	2.1	.20	.01
543.7	176.8	220.2						78.	185.	9.2	185.0	1.6	.20	.01
545.5	176.9	221.0	90.	0.				65.	185.	22.4	185.0	4.1	.20	.01
552.9	177.0	224.3						72.	185.	15.6	185.0	2.8	.20	.01
560.7	177.1	227.7						85.	185.					
567.0	177.2	230.4						83.	185.	4.7	185.0	.8	.20	.00
573.2	177.4	233.1						85.	185.					
579.0	177.5	235.6						76.	185.	12.3	185.0	2.2	.20	.01
584.9	177.6	238.2						75.	185.	13.4	185.0	2.4	.20	.01
591.0	177.7	240.9						78.	185.	10.6	185.0	1.9	.20	.01
598.9	177.8	244.3						70.	185.	18.8	185.0	3.4	.20	.01
603.1	177.9	246.2						73.	185.	15.9	185.0	2.8	.20	.01
610.6	178.0	249.6						70.	185.	19.1	185.0	3.4	.20	.01
616.7	177.8	253.1						80.	185.					
622.7	177.7	256.6						66.	185.	23.2	185.0	4.3	.20	.01
627.7	177.6	259.5						75.	185.					
634.1	177.4	263.2						60.	185.	29.4	185.0	5.6	.20	.02
639.9	177.3	266.6						68.	185.	21.8	185.0	4.0	.20	.01
646.1	177.2	270.2						80.	185.	9.6	185.0	1.7	.20	.01
650.7	177.1	272.9						67.	185.	22.8	185.0	4.2	.20	.01
657.1	176.9	276.6						84.	185.	5.1	185.0	.9	.20	.00
663.2	176.8	280.1						86.	185.					
669.2	176.7	283.6						60.	185.	30.3	185.0	5.8	.20	.02
674.5	176.5	286.7						76.	185.	13.6	185.0	2.4	.20	.01
681.8	176.4	291.0						65.	185.	25.8	185.0	4.8	.20	.02
686.0	176.3	293.4						52.	185.	39.0	185.0	8.0	.20	.03
690.9	176.2	296.2						80.	185.	10.7	185.0	1.9	.20	.01
697.0	176.0	299.8						79.	185.	12.1	185.0	2.1	.20	.01
702.1	175.9	302.7						60.	185.	31.7	185.0	6.1	.20	.02
721.0	175.6	311.0						62.	185.	30.4	185.0	5.8	.20	.02
729.3	175.6	311.0						57.	185.	35.4	185.0	7.0	.20	.02
735.6	175.6	311.0						71.	185.	21.3	185.0	3.9	.20	.01

***** PLOT NUMBER 3 FINISHED *****

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*      DDH:  78-X-08     *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    596771.0  NORTH:  6901594.0
                      ELEV:      1180.5


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                 1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
     1  T78-X-08 01180.5069015940059677 1 METERS
     2  R78-X-08 00000        180.0 000.0 AT COLLAR
     3  R78-X-08 00305        179.0 109.0 GYROSCOPIC SURVEY
     4  R78-X-08 00610        177.5 131.5
     5  R78-X-08 00914        177.0 163.5
     6  R78-X-08 01219        175.5 168.0
     7  R78-X-08 01524        175.1 173.5
     8  R78-X-08 01829        173.8 174.8
     9  R78-X-08 02134        173.4 168.8
    10  R78-X-08 02438        172.5 160.0
    11  R78-X-08 02743        172.1 152.0
    12  R78-X-08 03048        171.9 143.0
    13  R78-X-08 04572        175.3 182.5
    14  R78-X-08 06096        178.0 249.0
    15  R78-X-08 07163        175.6 311.0
    16  C78-X-08 GYRO CRAPPED OUT AT 1000 FEET THEN
    17  C78-X-08 STABILIZED AT BOTTOM OF HOLE BEFORE
    18  C78-X-08 OUT RUN
    19  L78-X-08 00000 00272 01   #
    20  L78-X-08 00272 00281 02 5B0
    21  L78-X-08 00281 00465 03 5B6
    22  L78-X-08 00465 00855 04 5B0
    23  L78-X-08 00855 00915 05 5B2
    24  L78-X-08 00915 01271 06 5B2
    25  L78-X-08 01271 01316 07 5B6
    26  L78-X-08 01316 01421 08 5B0
    27  L78-X-08 01421 01496 09 5B6
    28  L78-X-08 01496 01510 10 5B2
    29  L78-X-08 01510 01519 11 5B6
    30  L78-X-08 01519 01548 12 5B6
    31  L78-X-08 01548 01824 13 5B2
    32  L78-X-08 01824 02092 14 5B2
    33  L78-X-08 02092 02098 15 5D3
    34  L78-X-08 02098 02208 16 5B2
    35  L78-X-08 02208 02498 17 5B0
    36  L78-X-08 02498 02539 18 5B0
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0           0           0           0           0           0           0           0
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* DDH: 78-X-08 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78-X-08 02539 02685 19 5B0
   38 L78-X-08 02685 02693 20 5B0
   39 L78-X-08 02693 03397 21 5B0
   40 L78-X-08 03397 03418 22 5D3
   41 L78-X-08 03418 03503 23 5B0
   42 L78-X-08 03503 03520 24 0Q0
   43 L78-X-08 03520 03830 25 5B0
   44 L78-X-08 03830 03877 26 5D3
   45 L78-X-08 03877 04011 27 5B7
   46 L78-X-08 04011 04014 28 5D3
   47 L78-X-08 04014 04020 29 5B7
   48 L78-X-08 04020 04022 30 5D3
   49 L78-X-08 04022 04094 31 5G3
   50 L78-X-08 04094 04135 32 5D3
   51 L78-X-08 04135 04148 33 5B7
   52 L78-X-08 04148 04151 34 5D3
   53 L78-X-08 04151 04187 35 5B7
   54 L78-X-08 04187 04218 36 5D3
   55 L78-X-08 04218 04225 37 5E8
   56 L78-X-08 04225 04260 38 5BD
   57 L78-X-08 04260 04296 39 5B7
   58 L78-X-08 04296 04309 40 5D3
   59 L78-X-08 04309 04350 41 5B7
   60 L78-X-08 04350 04376 42 5D3
   61 L78-X-08 04376 04394 43 5B7
   62 L78-X-08 04394 04402 44 5D3
   63 L78-X-08 04402 04433 45 5B7
   64 L78-X-08 04433 04437 46 5D3
   65 L78-X-08 04437 04536 47 5B7
   66 L78-X-08 04536 04574 48 5D3
   67 L78-X-08 04574 04672 49 5B7
   68 L78-X-08 04672 04723 50 5D3
   69 L78-X-08 04723 04755 51 5B7
   70 L78-X-08 04755 04880 52 5D3
   71 L78-X-08 04880 04901 53 5B7
   72 L78-X-08 04901 04973 54 5D3
   73 L78-X-08 04973 04984 55 5B7
   74 L78-X-08 04984 04987 56 0E6
   75 L78-X-08 04987 05008 57 5D3
   76 L78-X-08 05008 05065 58 5B7
   77 L78-X-08 05065 05090 59 5D0
   78 L78-X-08 05090 05174 60 5B7
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
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* DDH: 78-X-08 *
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---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 79   L78-X-08 05174 05197 61 5D0
 80   L78-X-08 05197 05256 62 5B7
 81   L78-X-08 05256 05264 63 5D3
 82   L78-X-08 05264 05300 64 5B0
 83   L78-X-08 05300 05333 65 5BD
 84   L78-X-08 05333 05358 66 5D3
 85   L78-X-08 05358 05379 67 5B0
 86   L78-X-08 05379 05404 68 5D3
 87   L78-X-08 05404 05845 69 5B0
 88   L78-X-08 05845 05869 70 5D3
 89   L78-X-08 05869 05959 71 5B2
 90   L78-X-08 05959 06030 72 5B6
 91   L78-X-08 06030 06052 73 5B2
 92   L78-X-08 06052 06087 74 5B6
 93   L78-X-08 06087 06141 75 5A1
 94   L78-X-08 06141 06245 76 5B2
 95   L78-X-08 06245 06302 77 5B6
 96   L78-X-08 06302 06309 78 5D3
 97   L78-X-08 06309 06329 79 5B6
 98   L78-X-08 06329 06332 80 5A1
 99   L78-X-08 06332 06341 81 4E4
100   L78-X-08 06341 06343 82 5A1
101   L78-X-08 06343 06349 83 4E4
102   L78-X-08 06349 06358 84 5A1
103   L78-X-08 06358 06360 85 4E4
104   L78-X-08 06360 06366 86 5A1
105   L78-X-08 06366 06369 87 4E1
106   L78-X-08 06369 06425 88 4A4
107   L78-X-08 06425 06471 89 5B2
108   L78-X-08 06471 06630 90 5D3
109   L78-X-08 06630 06643 91 5B6
110   L78-X-08 06643 06672 92 5D3
111   L78-X-08 06672 06721 93 5B6
112   L78-X-08 06721 06746 94 5B0
113   L78-X-08 06746 06828 95 5D3
114   L78-X-08 06828 06838 96 5B6
115   L78-X-08 06838 06851 97 5D3
116   L78-X-08 06851 06872 98 5B6
117   L78-X-08 06872 06885 99 5D6
118   L78-X-08 06885 06915 00 4L7
119   L78-X-08 06915 07022 01 5D6
120   L78-X-08 07022 07103 02 5A*
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-08 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121 L78-X-08 07103 07113 03 3D1
  122 L78-X-08 07113 07121 04 0C5
  123 L78-X-08 07121 07178 05 3D1
  124 L78-X-08 07178 07189 06 0C5
  125 L78-X-08 07189 07209 07 3D1
  126 L78-X-08 07209 07248 08 3D1
  127 L78-X-08 07248 07284 09 0C5
  128 L78-X-08 07284 07294 10 3D1
  129 L78-X-08 07294 07305 11 0C3
  130 L78-X-08 07305 07359 12 3D1
  131 L78-X-08 07359 07380 13 3C3
  132 L78-X-08 07380 07388 14 3F0
  133 S78-X-08       00275 CS2        84185
  134 S78-X-08       00335 CS2        78185
  135 S78-X-08       00394 CS2        62185
  136 S78-X-08       00447 CS2        70185
  137 S78-X-08       00508 CS2        71185
  138 S78-X-08       00568 CS2        69185
  139 S78-X-08       00625 CS2        75185
  140 S78-X-08       00686 CS2        68185
  141 S78-X-08       00733 CS2        78185
  142 S78-X-08       00796 CS2        74185
  143 S78-X-08       00853 CS2        72185
  144 S78-X-08       00914 CS2        75185
  145 S78-X-08       00974 CS2        82185
  146 S78-X-08       01027 CS2        77185
  147 S78-X-08       01079 CS2        70185
  148 S78-X-08       01141 CS2        67185
  149 S78-X-08       01203 CS2        80185
  150 S78-X-08       01254 CS2        80185
  151 S78-X-08       01340 CS2        69185
  152 S78-X-08       01396 CS2        90185
  153 S78-X-08       01448 CS2        63185
  154 S78-X-08       01509 CS2        87185
  155 S78-X-08       01565 CS2        85185
  156 S78-X-08       01627 CS2        82185
  157 S78-X-08       01688 CS2        68185
  158 S78-X-08       01753 CS2        78185
  159 S78-X-08       01815 CS2        82185
  160 S78-X-08       01858 CS2        83185
  161 S78-X-08       01912 CS2        87185
  162 S78-X-08       01972 CS2        75185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-08 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 S78-X-08        02036 CS2       85185
  164 S78-X-08        02088 CS2       50185
  165 S78-X-08        02147 CS2       60185
  166 S78-X-08        02186 CS2       83185
  167 S78-X-08        02243 CS2       61185
  168 S78-X-08        02294 CS2       78185
  169 S78-X-08        02358 CS2       72185
  170 S78-X-08        02423 CS2       78185
  171 S78-X-08        02488 CS2       72185
  172 S78-X-08        02539 CS2       73185
  173 S78-X-08        02600 CS2       73185
  174 S78-X-08        02655 CS2       79185
  175 S78-X-08        02704 CS2       75185
  176 S78-X-08        02761 CS2       74185
  177 S78-X-08        02822 CS2       79185
  178 S78-X-08        02883 CS2       81185
  179 S78-X-08        02943 CS2       63185
  180 S78-X-08        03003 CS2       80185
  181 S78-X-08        03066 CS2       79185
  182 S78-X-08        03127 CS2       85185
  183 S78-X-08        03188 CS2       75185
  184 S78-X-08        03247 CS2       55185
  185 S78-X-08        03296 CS2       74185
  186 S78-X-08        03356 CS2       85185
  187 S78-X-08        03418 CS2       90185
  188 S78-X-08        03481 CS2       70185
  189 S78-X-08        03523 CS2       76185
  190 S78-X-08        03581 CS2       78185
  191 S78-X-08        03642 CS2       82185
  192 S78-X-08        03688 CS2       81185
  193 S78-X-08        03743 CS2       85185
  194 S78-X-08        03800 CS2       65185
  195 S78-X-08        03860 CS2       78185
  196 S78-X-08        03920 CS2       72185
  197 S78-X-08        03980 CS2       84185
  198 S78-X-08        04041 CS2       85185
  199 S78-X-08        04093 CS2       79185
  200 S78-X-08        04151 CS2       80185
  201 S78-X-08        04212 CS2       75185
  202 S78-X-08        04275 CS2       88185
  203 S78-X-08        04337 CS2       82185
  204 S78-X-08        04400 CS2       69185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-08 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  205 S78-X-08      04462 CS2       79185
  206 S78-X-08      04523 CS2       67185
  207 S78-X-08      04581 CS2       63185
  208 S78-X-08      04633 CS2       75185
  209 S78-X-08      04694 CS2       70185
  210 S78-X-08      04758 CS2       90185
  211 S78-X-08      04822 CS2       80185
  212 S78-X-08      04886 CS2       87185
  213 S78-X-08      04949 CS2       82185
  214 S78-X-08      05010 CS2       77185
  215 S78-X-08      05072 CS2       84185
  216 S78-X-08      05134 CS2       80185
  217 S78-X-08      05197 CS2       78185
  218 S78-X-08      05259 CS2       85185
  219 S78-X-08      05319 CS2       75185
  220 S78-X-08      05379 CS2       75185
  221 S78-X-08      05437 CS2       78185
  222 S78-X-08      05455 CS2   90  65185
  223 S78-X-08      05529 CS2       72185
  224 S78-X-08      05607 CS2       85185
  225 S78-X-08      05670 CS2       83185
  226 S78-X-08      05732 CS2       85185
  227 S78-X-08      05790 CS2       76185
  228 S78-X-08      05849 CS2       75185
  229 S78-X-08      05910 CS2       78185
  230 S78-X-08      05989 CS2       70185
  231 S78-X-08      06031 CS2       73185
  232 S78-X-08      06106 CS2       70185
  233 S78-X-08      06167 CS2       80185
  234 S78-X-08      06227 CS2       66185
  235 S78-X-08      06277 CS2       75185
  236 S78-X-08      06341 CS2       60185
  237 S78-X-08      06399 CS2       68185
  238 S78-X-08      06461 CS2       80185
  239 S78-X-08      06507 CS2       67185
  240 S78-X-08      06571 CS2       84185
  241 S78-X-08      06632 CS2       86185
  242 S78-X-08      06692 CS2       60185
  243 S78-X-08      06745 CS2       76185
  244 S78-X-08      06818 CS2       65185
  245 S78-X-08      06860 CS2       52185
  246 S78-X-08      06909 CS2       80185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-08 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                 1         2         3         4         5         6         7         8
        1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
247   S78-X-08        06970 CS2         79185
248   S78-X-08        07021 CS2         60185
249   S78-X-08        07210 PS2         62185
250   S78-X-08        07293 PS2         57185
251   S78-X-08        07356 PS2         71185
252   P78-X-08 06332 06341 002756
253   P78-X-08 06341 06360 002757
254   P78-X-08 06360 06369 002758
255   P78-X-08 06369 06389 002759
256   P78-X-08 06389 06409 002760
257   P78-X-08 06409 06425 002761
258   A78-X-08 633.2 634.1  0.9  2756 1500 7.83 1789 2572     0.08
259   A78-X-08 634.1 636.0  1.9  2757 77.0 4.27 8.89 1316     0.05
260   A78-X-08 636.0 636.9  0.9  2758 17.0 0.37 0.72          0.05
261   A78-X-08 636.9 638.9  2.0  2759 57.0 2.80 4.06 6.86     0.07
262   A78-X-08 638.9 640.9  2.0  2760 38.0 2.01 2.37 4.38     0.05
263   A78-X-08 640.9 642.5  1.4  2761 42.0 2.20 3.69 5.89     0.04
        1.....1.....2.....3.....4.....5.....6.....7.....8
                 0         0         0         0         0         0         0         0
```

DDH: 78-X-08 -- SUMMARY OF DATA INPUT

```
                RECORDS READ =  263   RELEASED TO SORT  311
                TYPE-L =  114
                TYPE-P =    6
                TYPE-R =   14
                TYPE-S =  119
                TYPE-X =   36
                TYPE-A =   12
                TYPE-V =    6   (GENERATED TO DEPTH:  720.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =   738.8 METERS
```

****
* DDH: 78-X-08 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 596771.0 NORTH: 6901594.0
ELEV: 1180.5

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN

COMMENT: OUT RUN

COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	0.	-	109.00	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.00	-	177.50	
	AZIMUTH:	109.00	-	131.50	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	177.50	-	177.00	
	AZIMUTH:	131.50	-	163.50	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	177.00	-	175.50	
	AZIMUTH:	163.50	-	168.00	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	175.50	-	175.10	
	AZIMUTH:	168.00	-	173.50	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	175.10	-	173.80	
	AZIMUTH:	173.50	-	174.80	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	173.80	-	173.40	
	AZIMUTH:	174.80	-	168.80	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	173.40	-	172.50	
	AZIMUTH:	168.80	-	160.00	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	172.50	-	172.10	

	AZIMUTH:	160.00 -	152.00	
BOREHOLE SECTION 10 --	DEPTH:	274.30 -	304.80	METERS
	ZENITH ANG:	172.10 -	171.90	
	AZIMUTH:	152.00 -	143.00	
BOREHOLE SECTION 11 --	DEPTH:	304.80 -	457.20	METERS
	ZENITH ANG:	171.90 -	175.30	
	AZIMUTH:	143.00 -	182.50	
BOREHOLE SECTION 12 --	DEPTH:	457.20 -	609.60	METERS
	ZENITH ANG:	175.30 -	178.00	
	AZIMUTH:	182.50 -	249.00	
BOREHOLE SECTION 13 --	DEPTH:	609.60 -	716.30	METERS
	ZENITH ANG:	178.00 -	175.60	
	AZIMUTH:	249.00 -	311.00	
BOREHOLE SECTION 14 --	DEPTH:	716.30 -	738.80	METERS
	ZENITH ANG:	175.60 -	175.60	
	AZIMUTH:	311.00 -	311.00	

FINISHED -- BOREHOLE LENGTH = 738.80 METERS
FILE SIZE = 309

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R									0.	0.	0.	180.0	0.
27.2	L	01 #								27.2	.1	-.1	179.1	97.2
27.5	S				CS2				84. 185.	27.5	.1	-.1	179.1	98.3
28.1	L	02 5B0								28.1	.1	-.1	179.1	100.4
30.5	R									30.5	.2	-.2	179.0	109.0
33.5	S				CS2				78. 185.	33.5	.2	-.2	178.9	111.2
39.4	S				CS2				62. 185.	39.4	.3	-.2	178.6	115.6
44.7	S				CS2				70. 185.	44.7	.5	-.3	178.3	119.5
46.5	L	03 5B6								46.5	.5	-.3	178.2	120.8
50.8	S				CS2				71. 185.	50.8	.6	-.4	178.0	124.0
56.8	S				CS2				69. 185.	56.8	.8	-.5	177.7	128.4
61.0	R									61.0	1.0	-.6	177.5	131.5
62.5	S				CS2				75. 185.	62.5	1.0	-.7	177.5	133.1
68.6	S				CS2				68. 185.	68.6	1.2	-.9	177.4	139.5
73.3	S				CS2				78. 185.	73.3	1.3	-1.1	177.3	144.4
79.6	S				CS2				74. 185.	79.6	1.5	-1.3	177.2	151.1
85.3	S				CS2				72. 185.	85.3	1.6	-1.6	177.1	157.1
85.5	L	04 5B0								85.5	1.6	-1.6	177.1	157.3
91.4	S				CS2				75. 185.	91.3	1.7	-1.9	177.0	163.5
91.4	R									91.3	1.7	-1.9	177.0	163.5
91.5	L	05 5B2								91.4	1.7	-1.9	177.0	163.5
97.4	S				CS2				82. 185.	97.3	1.8	-2.2	176.7	164.4
102.7	S				CS2				77. 185.	102.6	1.9	-2.5	176.4	165.2
107.9	S				CS2				70. 185.	107.8	2.0	-2.8	176.2	165.9
114.1	S				CS2				67. 185.	114.0	2.1	-3.2	175.9	166.8
120.3	S				CS2				80. 185.	120.2	2.2	-3.7	175.6	167.8

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG								
							S1		S2				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
121.9	R										121.8	2.2	-3.8	175.5	168.0
125.4	S				CS2				80.	185.	125.3	2.3	-4.1	175.5	168.6
127.1	L	06 5B2									127.0	2.3	-4.2	175.4	168.9
131.6	L	07 5B6									131.5	2.4	-4.6	175.4	169.7
134.0	S				CS2				69.	185.	133.8	2.4	-4.8	175.3	170.2
139.6	S				CS2				90.	185.	139.4	2.5	-5.2	175.3	171.2
142.1	L	08 5B0									141.9	2.5	-5.4	175.2	171.6
144.8	S				CS2				63.	185.	144.6	2.5	-5.6	175.2	172.1
149.6	L	09 5B6									149.4	2.6	-6.0	175.1	173.0
150.9	S				CS2				87.	185.	150.7	2.6	-6.1	175.1	173.2
151.0	L	10 5B2									150.8	2.6	-6.2	175.1	173.2
151.9	L	11 5B6									151.7	2.6	-6.2	175.1	173.4
152.4	R										152.2	2.6	-6.3	175.1	173.5
154.8	L	12 5B6									154.6	2.6	-6.5	175.0	173.6
156.5	S				CS2				85.	185.	156.3	2.6	-6.6	174.9	173.7
162.7	S				CS2				82.	185.	162.4	2.7	-7.2	174.7	173.9
168.8	S				CS2				68.	185.	168.5	2.8	-7.8	174.4	174.2
175.3	S				CS2				78.	185.	175.0	2.8	-8.4	174.1	174.5
181.5	S				CS2				82.	185.	181.1	2.9	-9.1	173.9	174.7
182.4	L	13 5B2									182.0	2.9	-9.1	173.8	174.8
182.9	R										182.5	2.9	-9.2	173.8	174.8
185.8	S				CS2				83.	185.	185.4	2.9	-9.5	173.8	174.2
191.2	S				CS2				87.	185.	190.8	3.0	-10.1	173.7	173.2
197.2	S				CS2				75.	185.	196.8	3.1	-10.8	173.6	172.0
203.6	S				CS2				85.	185.	203.1	3.2	-11.5	173.5	170.7
208.8	S				CS2				50.	185.	208.3	3.3	-12.0	173.5	169.7
209.2	L	14 5B2									208.7	3.3	-12.1	173.5	169.6
209.8	L	15 5D3									209.3	3.3	-12.2	173.4	169.5

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
213.4	R									212.8	3.4	-12.6	173.4	168.8
214.7	S				CS2				60. 185.	214.1	3.4	-12.7	173.4	168.4
218.6	S				CS2				83. 185.	218.0	3.5	-13.2	173.2	167.3
220.8	L	16 5B2								220.2	3.6	-13.4	173.2	166.7
224.3	S				CS2				61. 185.	223.7	3.7	-13.8	173.1	165.6
229.4	S				CS2				78. 185.	228.7	3.8	-14.4	172.9	164.2
235.8	S				CS2				72. 185.	235.1	4.1	-15.2	172.7	162.3
242.3	S				CS2				78. 185.	241.5	4.3	-16.0	172.5	160.4
243.8	R									243.0	4.4	-16.2	172.5	160.0
243.8	R									243.0	4.4	-16.2	172.5	160.0
248.8	S				CS2				72. 185.	248.0	4.6	-16.8	172.4	158.7
249.8	L	17 5B0								249.0	4.7	-16.9	172.4	158.4
253.9	L	18 5B0								253.0	4.9	-17.4	172.4	157.4
253.9	S				CS2				73. 185.	253.0	4.9	-17.4	172.4	157.4
260.0	S				CS2				73. 185.	259.1	5.2	-18.1	172.3	155.8
265.5	S				CS2				79. 185.	264.5	5.5	-18.8	172.2	154.3
268.5	L	19 5B0								267.5	5.7	-19.2	172.2	153.5
269.3	L	20 5B0								268.3	5.8	-19.3	172.2	153.3
270.4	S				CS2				75. 185.	269.4	5.8	-19.4	172.2	153.0
274.3	R									273.2	6.1	-19.9	172.1	152.0
276.1	S				CS2				74. 185.	275.0	6.2	-20.1	172.1	151.5
282.2	S				CS2				79. 185.	281.1	6.6	-20.8	172.0	149.7
288.3	S				CS2				81. 185.	287.1	7.0	-21.6	172.0	147.9
294.3	S				CS2				63. 185.	293.0	7.5	-22.3	172.0	146.1
300.3	S				CS2				80. 185.	299.0	8.0	-23.0	171.9	144.3
304.8	R									303.4	8.3	-23.5	171.9	143.0
306.6	S				CS2				79. 185.	305.2	8.5	-23.7	171.9	143.5
312.7	S				CS2				85. 185.	311.3	9.0	-24.4	172.1	145.0
318.8	S				CS2				75. 185.	317.3	9.5	-25.0	172.2	146.6
324.7	S				CS2				55. 185.	323.2	9.9	-25.7	172.3	148.2

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
329.6	S			CS2			74. 185.	328.0	10.2	-26.3	172.5	149.4
335.6	S			CS2			85. 185.	334.0	10.6	-26.9	172.6	151.0
339.7	L	21 5B0						338.0	10.9	-27.4	172.7	152.0
341.8	L	22 5D3						340.1	11.0	-27.6	172.7	152.6
341.8	S			CS2			90. 185.	340.1	11.0	-27.6	172.7	152.6
348.1	S			CS2			70. 185.	346.4	11.3	-28.3	172.9	154.2
350.3	L	23 5B0						348.5	11.5	-28.6	172.9	154.8
352.0	L	24 0Q0						350.2	11.5	-28.8	173.0	155.2
352.3	S			CS2			76. 185.	350.5	11.6	-28.8	173.0	155.3
358.1	S			CS2			78. 185.	356.3	11.8	-29.5	173.1	156.8
364.2	S			CS2			82. 185.	362.3	12.1	-30.1	173.2	158.4
368.8	S			CS2			81. 185.	366.9	12.3	-30.6	173.3	159.6
374.3	S			CS2			85. 185.	372.4	12.5	-31.2	173.5	161.0
380.0	S			CS2			65. 185.	378.0	12.7	-31.8	173.6	162.5
383.0	L	25 5B0						381.0	12.8	-32.2	173.6	163.3
386.0	S			CS2			78. 185.	384.0	12.9	-32.5	173.7	164.0
387.7	L	26 5D3						385.7	13.0	-32.7	173.7	164.5
392.0	S			CS2			72. 185.	390.0	13.1	-33.1	173.8	165.6
398.0	S			CS2			84. 185.	395.9	13.2	-33.7	174.0	167.2
401.1	L	27 5B7						399.0	13.3	-34.0	174.0	168.0
401.4	L	28 5D3						399.3	13.3	-34.1	174.1	168.0
402.0	L	29 5B7						399.9	13.3	-34.1	174.1	168.2
402.2	L	30 5D3						400.1	13.3	-34.1	174.1	168.2
404.1	S			CS2			85. 185.	402.0	13.4	-34.3	174.1	168.7
409.3	S			CS2			79. 185.	407.2	13.5	-34.9	174.2	170.1
409.4	L	31 5G3						407.3	13.5	-34.9	174.2	170.1
413.5	L	32 5D3						411.4	13.5	-35.3	174.3	171.2
414.8	L	33 5B7						412.6	13.6	-35.4	174.4	171.5
415.1	L	34 5D3						412.9	13.6	-35.4	174.4	171.6
415.1	S			CS2			80. 185.	412.9	13.6	-35.4	174.4	171.6
418.7	L	35 5B7						416.5	13.6	-35.8	174.4	172.5
421.2	S			CS2			75. 185.	419.0	13.6	-36.0	174.5	173.2
421.8	L	36 5D3						419.6	13.6	-36.1	174.5	173.3
422.5	L	37 5E8						420.3	13.7	-36.1	174.5	173.5
426.0	L	38 5BD						423.8	13.7	-36.5	174.6	174.4
427.5	S			CS2			88. 185.	425.3	13.7	-36.6	174.6	174.8
429.6	L	39 5B7						427.4	13.7	-36.8	174.7	175.3

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
430.9	L	40 SD3								428.7	13.7	-36.9	174.7	175.7
433.7	S				CS2				82. 185.	431.5	13.7	-37.2	174.8	176.4
435.0	L	41 SB7								432.8	13.8	-37.3	174.8	176.7
437.6	L	42 SD3								435.3	13.8	-37.5	174.9	177.4
439.4	L	43 SB7								437.1	13.8	-37.7	174.9	177.9
440.0	S				CS2				69. 185.	437.7	13.8	-37.7	174.9	178.0
440.2	L	44 SD3								437.9	13.8	-37.8	174.9	178.1
443.3	L	45 SB7								441.0	13.8	-38.0	175.0	178.9
443.7	L	46 SD3								441.4	13.8	-38.1	175.0	179.0
446.2	S				CS2				79. 185.	443.9	13.8	-38.3	175.1	179.6
452.3	S				CS2				67. 185.	450.0	13.8	-38.8	175.2	181.2
453.6	L	47 SB7								451.3	13.8	-38.9	175.2	181.6
457.2	R									454.9	13.8	-39.2	175.3	182.5
457.4	L	48 SD3								455.1	13.8	-39.2	175.3	182.6
458.1	S				CS2				63. 185.	455.8	13.8	-39.3	175.3	182.9
463.3	S				CS2				75. 185.	461.0	13.7	-39.7	175.4	185.2
467.2	L	49 SB7								464.8	13.7	-40.0	175.5	186.9
469.4	S				CS2				70. 185.	467.0	13.7	-40.2	175.5	187.8
472.3	L	50 SD3								469.9	13.6	-40.4	175.6	189.1
475.5	L	51 SB7								473.1	13.6	-40.6	175.6	190.5
475.8	S				CS2				90. 185.	473.4	13.6	-40.7	175.6	190.6
482.2	S				CS2				80. 185.	479.8	13.5	-41.1	175.7	193.4
488.0	L	52 SD3								485.6	13.4	-41.6	175.8	195.9
488.6	S				CS2				87. 185.	486.2	13.4	-41.6	175.9	196.2
490.1	L	53 SB7								487.7	13.4	-41.7	175.9	196.9
494.9	S				CS2				82. 185.	492.5	13.2	-42.0	176.0	199.0
497.3	L	54 SD3								494.9	13.2	-42.2	176.0	200.0
498.4	L	55 SB7								496.0	13.2	-42.3	176.0	200.5
498.7	L	56 QE6								496.3	13.2	-42.3	176.0	200.6
500.8	L	57 SD3								498.3	13.1	-42.4	176.1	201.5
501.0	S				CS2				77. 185.	498.5	13.1	-42.4	176.1	201.6
506.5	L	58 SB7								504.0	13.0	-42.8	176.2	204.0
507.2	S				CS2				84. 185.	504.7	12.9	-42.8	176.2	204.3
509.0	L	59 SDO								506.5	12.9	-42.9	176.2	205.1
513.4	S				CS2				80. 185.	510.9	12.8	-43.2	176.3	207.0

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG	STRUCTURAL LOG					TRUE				
						S1		S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
517.4	L	60 5B7							514.9	12.6	-43.4	176.4	208.8
519.7	L	61 5D0							517.2	12.6	-43.5	176.4	209.8
519.7	S			CS2				78. 185.	517.2	12.6	-43.5	176.4	209.8
525.6	L	62 5B7							523.1	12.4	-43.8	176.5	212.3
525.9	S			CS2				85. 185.	523.4	12.4	-43.9	176.5	212.5
526.4	L	63 5D3							523.9	12.4	-43.9	176.5	212.7
530.0	L	64 5B0							527.5	12.2	-44.1	176.6	214.3
531.9	S			CS2				75. 185.	529.4	12.2	-44.1	176.6	215.1
533.3	L	65 5BD							530.8	12.1	-44.2	176.6	215.7
535.8	L	66 5D3							533.3	12.0	-44.3	176.7	216.8
537.9	L	67 5B0							535.4	12.0	-44.4	176.7	217.7
537.9	S			CS2				75. 185.	535.4	12.0	-44.4	176.7	217.7
540.4	L	68 5D3							537.9	11.9	-44.5	176.8	218.8
543.7	S			CS2				78. 185.	541.2	11.8	-44.7	176.8	220.2
545.5	S			CS2		90. 0.		65. 185.	543.0	11.7	-44.8	176.9	221.0
552.9	S			CS2				72. 185.	550.4	11.4	-45.0	177.0	224.3
560.7	S			CS2				85. 185.	558.1	11.1	-45.3	177.1	227.7
567.0	S			CS2				83. 185.	564.4	10.9	-45.5	177.2	230.4
573.2	S			CS2				85. 185.	570.6	10.7	-45.7	177.4	233.1
579.0	S			CS2				76. 185.	576.4	10.5	-45.9	177.5	235.6
584.5	L	69 5B0							581.9	10.3	-46.0	177.6	238.0
584.9	S			CS2				75. 185.	582.3	10.3	-46.0	177.6	238.2
586.9	L	70 5D3							584.3	10.2	-46.0	177.6	239.1
591.0	S			CS2				78. 185.	588.4	10.0	-46.1	177.7	240.9
595.9	L	71 5B2							593.3	9.9	-46.2	177.8	243.0
598.9	S			CS2				70. 185.	596.3	9.8	-46.3	177.8	244.3
603.0	L	72 5B6							600.4	9.6	-46.3	177.9	246.1
603.1	S			CS2				73. 185.	600.5	9.6	-46.3	177.9	246.2
605.2	L	73 5B2							602.6	9.5	-46.4	177.9	247.1
608.7	L	74 5B6							606.1	9.4	-46.4	178.0	248.6
609.6	R								607.0	9.4	-46.4	178.0	249.0
610.6	S			CS2				70. 185.	608.0	9.4	-46.4	178.0	249.6
614.1	L	75 5A1							611.5	9.2	-46.5	177.9	251.6
616.7	S			CS2				80. 185.	614.1	9.2	-46.5	177.8	253.1
622.7	S			CS2				66. 185.	620.1	8.9	-46.6	177.7	256.6

****
* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
624.5	L	76 5B2							621.9	8.9	-46.6	177.7	257.7
627.7	S				CS2			75. 185.	625.1	8.7	-46.6	177.6	259.5
630.2	L	77 5B6							627.6	8.6	-46.6	177.5	261.0
630.9	L	78 5D3							628.3	8.6	-46.6	177.5	261.4
632.9	L	79 5B6							630.3	8.5	-46.7	177.5	262.5
633.2	L	80 5A1							630.6	8.5	-46.7	177.5	262.7
633.6	P		2756	1.					631.0	8.5	-46.7	177.5	263.0
634.1	L	81 4E4							631.5	8.5	-46.7	177.4	263.2
634.1	S				CS2			60. 185.	631.5	8.5	-46.7	177.4	263.2
634.3	L	82 5A1							631.7	8.4	-46.7	177.4	263.4
634.9	L	83 4E4							632.3	8.4	-46.7	177.4	263.7
635.1	P		2757	2.					632.4	8.4	-46.7	177.4	263.8
635.8	L	84 5A1							633.2	8.4	-46.7	177.4	264.2
636.0	L	85 4E4							633.4	8.4	-46.7	177.4	264.3
636.5	P		2758	1.					633.8	8.4	-46.7	177.4	264.6
636.6	L	86 5A1							634.0	8.3	-46.7	177.4	264.7
636.9	L	87 4E1							634.3	8.3	-46.7	177.4	264.9
637.9	P		2759	2.					635.3	8.3	-46.7	177.4	265.4
639.9	P		2760	2.					637.3	8.2	-46.7	177.3	266.6
639.9	S				CS2			68. 185.	637.3	8.2	-46.7	177.3	266.6
641.7	P		2761	2.					639.1	8.1	-46.7	177.3	267.7
642.5	L	88 4A4							639.9	8.1	-46.7	177.3	268.1
646.1	S				CS2			80. 185.	643.5	7.9	-46.7	177.2	270.2
647.1	L	89 5B2							644.5	7.8	-46.7	177.2	270.8
650.7	S				CS2			67. 185.	648.1	7.7	-46.7	177.1	272.9
657.1	S				CS2			84. 185.	654.5	7.3	-46.7	176.9	276.6
663.0	L	90 5D3							660.3	7.0	-46.6	176.8	280.0
663.2	S				CS2			86. 185.	660.5	7.0	-46.6	176.8	280.1
664.3	L	91 5B6							661.6	6.9	-46.6	176.8	280.8
667.2	L	92 5D3							664.5	6.8	-46.6	176.7	282.5
669.2	S				CS2			60. 185.	666.5	6.7	-46.5	176.7	283.6
672.1	L	93 5B6							669.4	6.5	-46.5	176.6	285.3
674.5	S				CS2			76. 185.	671.8	6.4	-46.5	176.5	286.7
674.6	L	94 5B0							671.9	6.4	-46.5	176.5	286.8
681.8	S				CS2			65. 185.	679.1	5.9	-46.3	176.4	291.0
682.8	L	95 5D3							680.1	5.9	-46.3	176.4	291.5
683.8	L	96 5B6							681.1	5.8	-46.3	176.3	292.1

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* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

COMMENT: GYRO CRAPPED OUT AT 1000 FEET THEN
COMMENT: OUT RUN
COMMENT: STABILIZED AT BOTTOM OF HOLE BEFORE

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
685.1	L	97 5D3								682.4	5.7	-46.2	176.3	292.9
686.0	S				CS2				52. 185.	683.3	5.7	-46.2	176.3	293.4
687.2	L	98 5B6								684.5	5.6	-46.2	176.3	294.1
688.5	L	99 5D6								685.8	5.5	-46.1	176.2	294.8
690.9	S				CS2				80. 185.	688.2	5.4	-46.1	176.2	296.2
691.5	L	00 4L7								688.8	5.4	-46.1	176.2	296.6
697.0	S				CS2				79. 185.	694.3	5.0	-45.9	176.0	299.8
702.1	S				CS2				60. 185.	699.4	4.7	-45.7	175.9	302.7
702.2	L	01 5D6								699.5	4.7	-45.7	175.9	302.8
710.3	L	02 5A*								707.5	4.2	-45.3	175.7	307.5
711.3	L	03 3D1								708.5	4.2	-45.3	175.7	308.1
712.1	L	04 0C5								709.3	4.1	-45.3	175.7	308.6
716.3	R									713.5	3.9	-45.1	175.6	311.0
717.8	L	05 3D1								715.0	3.8	-45.0	175.6	311.0
718.9	L	06 0C5								716.1	3.7	-44.9	175.6	311.0
720.9	L	07 3D1								718.1	3.6	-44.8	175.6	311.0
721.0	S				PS2				62. 185.	718.2	3.6	-44.8	175.6	311.0
724.8	L	08 3D1								722.0	3.4	-44.6	175.6	311.0
728.4	L	09 0C5								725.6	3.2	-44.5	175.6	311.0
729.3	S				PS2				57. 185.	726.5	3.1	-44.4	175.6	311.0
729.4	L	10 3D1								726.6	3.1	-44.4	175.6	311.0
730.5	L	11 0C3								727.7	3.1	-44.3	175.6	311.0
735.6	S				PS2				71. 185.	732.8	2.8	-44.1	175.6	311.0
735.9	L	12 3D1								733.1	2.7	-44.1	175.6	311.0
738.0	L	13 3C3								735.2	2.6	-44.0	175.6	311.0
738.8	L	14 3F0								736.0	2.6	-43.9	175.6	311.0
738.8	R									736.0	2.6	-43.9	175.6	311.0

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* DDH: 78-X-08 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 596771.0 METERS NORTH: 6901594.0 METERS ELEV: 1180.5 METERS

------ ASSAY DATA ------

DDH METERS	SAMPLE	INTERVAL	AG GMS/MT	PB %	ZN %	PB + ZN %	S.G.	CU %	BA %	AU GMS/MT	FE(SOL) %	FE(INSOL) %	HG %
633.6	0	275.6	150.0	7.83	17.89	25.72	0.	.08	0.	0.	0.	0.	0.
635.1	1	275.7	77.0	4.27	8.89	13.16	0.	.05	0.	0.	0.	0.	0.
636.5	0	275.8	17.0	.37	.72	0.	0.	.05	0.	0.	0.	0.	0.
637.9	2	275.9	57.0	2.80	4.06	6.86	0.	.07	0.	0.	0.	0.	0.
639.9	2	276.0	38.0	2.01	2.37	4.38	0.	.05	0.	0.	0.	0.	0.
641.7	1	276.1	42.0	2.20	3.69	5.89	0.	.04	0.	0.	0.	0.	0.

FINISHED -- LENGTH = 738.80 METERS ENTRIES = 309

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* DDH: 78-X-09 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 291
POINTS = 287 MAX DDH DEPTH = 684.2 METERS
MAX TRUE DEPTH = 673.0 METERS
EASTING: -105.4 - .6 METERS
NORTHING: -4.6 - 9.5 METERS

TYPE C DATA (CONTACTS) ----- 109
TYPE F DATA (PLANES) ------- 109
TYPE P DATA (SAMPLES) ------ 11
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 34
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

DDH			DDH			DDH			DDH		
SEQ	METERS	RKUNIT	SEQ	METERS	RKUNIT	SEQ	METERS	RKUNIT	SEQ	METERS	RKUNIT
1	12.5	01 #	29	267.6	29 SB0	57	403.5	57 SD3	85	553.9	85 SDB
2	17.2	02 SD0	30	270.6	30 SB0	58	404.9	58 SB0	86	556.3	86 SB6
3	19.3	03 SC3	31	284.4	31 SB0	59	407.5	59 SD3	87	557.6	87 4G4
4	21.6	04 SD0	32	296.8	32 SE0	60	420.0	60 SB0	88	559.0	88 SB6
5	26.1	05 SC3	33	299.4	33 SD3	61	425.9	61 SB0	89	562.1	89 4G0
6	29.0	06 SD0	34	302.3	34 SB0	62	428.7	62 SB0	90	575.2	90 SB6
7	50.2	07 SB2	35	304.2	35 SD3	63	446.7	63 SB7	91	580.2	91 4D4
8	67.0	08 SB2	36	316.4	36 SB0	64	449.3	64 SD3	92	580.9	92 4E4
9	74.7	09 SB2	37	317.1	37 SD3	65	465.8	65 SB7	93	581.4	93 4H0
10	78.7	10 0Q0	38	325.4	38 SB0	66	470.9	66 SD3	94	583.4	94 5A6
11	103.0	11 SB2	39	327.0	39 SB0	67	480.5	67 SB0	95	585.8	95 4K0
12	124.9	12 SB2	40	332.0	40 SD3	68	482.8	68 SD3	96	587.1	96 4K4
13	128.2	13 SB2	41	339.2	41 SD3	69	493.8	69 SB0	97	593.8	97 SB6
14	129.5	14 SB2	42	340.8	42 SB0	70	494.5	70 SD3	98	598.0	98 SD3
15	130.1	15 SB2	43	342.5	43 SD3	71	503.2	71 SB0	99	601.1	99 SD3
16	142.3	16 SB2	44	343.1	44 SB0	72	505.7	72 SD3	100	609.1	00 SD3
17	165.2	17 SB2	45	343.6	45 SD3	73	510.7	73 SB2	101	629.6	01 SB6
18	177.6	18 SB0	46	345.0	46 SB0	74	514.9	74 SGD	102	637.2	02 SD3
19	178.3	19 SB0	47	346.5	47 SD3	75	517.9	75 SD3	103	640.8	03 SB6
20	182.3	20 SB0	48	354.7	48 SB7	76	519.0	76 SG3	104	642.5	04 SD3
21	183.2	21 SB0	49	366.4	49 SB0	77	526.8	77 SB2	105	645.6	05 SB6
22	203.7	22 SB0	50	372.2	50 SB0	78	528.8	78 4L7	106	649.3	06 SD3
23	204.5	23 0F0	51	373.1	51 SD3	79	530.8	79 SD3	107	653.9	07 SB6
24	205.0	24 SB0	52	379.6	52 SB7	80	531.9	80 SG6	108	664.1	08 SA6
25	209.6	25 0E8	53	382.1	53 SD3	81	537.3	81 SD0	109	684.2	09 SB6
26	225.8	26 0F0	54	386.5	54 SB7	82	539.9	82 SD0			
27	259.0	27 SB0	55	388.5	55 SD3	83	548.3	83 SD0			
28	263.9	28 SB0	56	389.4	56 SB7	84	549.7	84 SG0			

PROGRAM COMMAND: PLOTA,1000,015

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**************************
*     DDH:  78-X-09      *    START PLOT NUMBER  1
**************************

      PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =    25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.79 -    0.   (INCHES)
      Y-AXIS BOREHOLE LENGTH:  26.50 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:     0.  -   684.2 METERS      J =   1 - 287

      MAX PAPER WIDTH REQUIRED:   30.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
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PROGRAM COMMAND: PLOTB,1000,105

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**************************
*     DDH:  78-X-09      *    START PLOT NUMBER  2
**************************

      PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

      PROJECTION PLANE BEARS  105. DEGREES -- VIEW AZIMUTH:  15. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =    25.4 METERS/INCH

      X-AXIS PLOT LIMITS:  -4.11 -     .03 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  26.50 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:     0.  -   684.2 METERS      J =   1 - 287

      MAX PAPER WIDTH REQUIRED:   30.0 INCHES
```

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED		CALCULATED		OBSERVED		CALCULATED			
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD AP-DIP	CA	DIPD	DIP	DIPD AP-DIP	H	V
12.7	179.6	48.2					75.	185.	15.0	185.0 2.7	.20	.01
18.4	179.4	69.9					82.	185.	8.0	185.0 1.4	.20	.00
24.4	179.2	92.6					72.	185.	18.0	185.0 3.2	.20	.01
30.0	179.0	113.9					80.	185.	10.0	185.0 1.7	.20	.01
36.0	179.0	122.4					88.	185.				
42.0	179.0	129.5					82.	185.	8.0	185.0 1.4	.20	.00
49.2	179.0	138.1					82.	185.				
55.8	179.0	146.0					77.	185.				
61.9	179.0	154.0					87.	185.				
67.9	178.8	166.2					69.	185.	19.9	185.0 3.6	.20	.01
72.2	178.6	174.9					69.	185.	19.6	185.0 3.5	.20	.01
78.0	178.4	186.7					75.	185.	13.4	185.0 2.4	.20	.01
84.4	178.2	199.7					65.	185.	23.3	185.0 4.3	.20	.01
90.5	178.0	212.1					71.	185.	17.2	185.0 3.1	.20	.01
96.6	177.7	219.2					76.	185.	12.0	185.0 2.1	.20	.01
102.7	177.4	225.3					73.	185.	14.9	185.0 2.7	.20	.01
108.8	177.1	231.5					72.	185.	15.9	185.0 2.8	.20	.01
114.0	176.9	236.7					79.	185.	8.8	185.0 1.5	.20	.01
120.2	176.6	243.0					68.	185.	20.0	185.0 3.6	.20	.01
125.0	176.3	245.8					73.	185.	14.9	185.0 2.6	.20	.01
130.7	176.1	247.8					69.	185.	18.9	185.0 3.4	.20	.01
136.2	175.8	249.8					72.	185.	15.8	185.0 2.8	.20	.01
142.3	175.5	251.9					79.	185.	8.4	185.0 1.5	.20	.01
148.4	175.2	254.1					83.	185.				
154.5	174.8	255.9					73.	185.	14.6	185.0 2.6	.20	.01
160.6	174.2	257.0					80.	185.	6.6	185.0 1.1	.20	.00
166.7	173.7	258.1					65.	185.	22.5	185.0 4.1	.20	.01
172.7	173.1	259.2					80.	185.	5.6	185.0 1.0	.20	.00
178.4	172.6	260.2					75.	185.	11.3	185.0 2.0	.20	.01
184.1	172.1	261.2					75.	185.	11.0	185.0 1.9	.20	.01
190.4	171.9	262.5					65.	185.	22.0	185.0 4.0	.20	.01
196.6	171.6	263.8					80.	185.				
202.8	171.3	265.1					68.	185.	18.8	185.0 3.4	.20	.01
228.3	170.7	266.8					71.	185.	15.4	185.0 2.7	.20	.01
233.7	170.6	266.6					69.	185.	17.5	185.0 3.1	.20	.01
239.6	170.5	266.4					87.	185.				
246.0	170.6	266.5					77.	185.	7.7	185.0 1.3	.20	.00
252.0	170.8	267.2					73.	185.	13.2	185.0 2.3	.20	.01
258.2	171.0	267.9					80.	185.				
263.8	171.2	268.6					80.	185.				
269.9	171.4	269.3					82.	185.				

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
275.8	171.5	269.8					87. 185.					
281.9	171.6	269.7					84. 185.					
288.0	171.6	269.6					77. 185.					
294.1	171.7	269.5					85. 185.					
300.5	171.8	269.4					75. 185.					
306.0	171.8	269.5					71. 185.	16.4	185.0	2.9	.20	.01
310.8	171.6	270.3					80. 185.					
317.1	171.5	271.4					81. 185.	3.1	185.0	.5	.20	.00
323.4	171.3	272.5					70. 185.	18.1	185.0	3.2	.20	.01
329.5	171.2	273.5					82. 185.					
335.6	171.0	274.5					80. 185.	4.4	185.0	.8	.20	.00
341.9	170.8	274.6					67. 185.	21.2	185.0	3.8	.20	.01
348.1	170.7	274.7					74. 185.	13.1	185.0	2.3	.20	.01
354.5	170.5	274.8					78. 185.	7.4	185.0	1.3	.20	.00
361.0	170.3	274.9					81. 185.					
367.3	170.2	274.9					74. 185.	12.7	185.0	2.2	.20	.01
373.7	170.3	274.4					80. 185.	2.4	185.0	.4	.20	.00
380.1	170.3	274.0					73. 185.	14.0	185.0	2.5	.20	.01
386.2	170.4	273.5					80. 185.	2.8	185.0	.5	.20	.00
392.1	170.5	273.1					70. 185.	17.7	185.0	3.2	.20	.01
399.1	170.5	272.4					77. 185.	8.9	185.0	1.6	.20	.01
405.3	170.4	271.7					77. 185.	8.8	185.0	1.5	.20	.01
410.3	170.4	271.0					83. 185.					
415.6	170.3	270.4					80. 185.					
422.1	170.2	269.6					90. 185.					
428.0	170.1	269.2					76. 185.					
434.8	169.4	270.1					77. 185.					
441.2	168.7	271.0					80. 185.					
447.3	168.0	271.8					78. 185.					
453.5	167.4	272.7					86. 185.					
459.9	166.9	273.8					63. 185.	23.8	185.0	4.4	.20	.02
466.3	166.7	275.2					65. 185.	21.4	185.0	3.9	.20	.01
472.6	166.5	276.5					79. 185.					
477.6	166.3	277.6					79. 185.					
483.8	166.1	279.0					90. 185.					
490.0	166.0	280.0					90. 185.					
496.5	166.1	280.5					75. 186.	5.9	186.0	.9	.20	.00
503.2	166.1	281.1					85. 185.					
509.3	166.1	281.6					70. 185.	16.2	185.0	2.9	.20	.01
515.7	166.2	282.1					87. 185.					
521.9	166.1	282.6					75. 185.	7.9	185.0	1.4	.20	.00

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	OBSERVED DIPD	CALCULATED DIP	CALCULATED DIPD	CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
528.0	165.8	283.0						75.	185.	7.3	185.0	1.3	.20	.00
534.2	165.6	283.4						85.	185.					
540.1	165.3	283.8						81.	185.					
546.5	165.1	284.3						75.	185.	3.9	185.0	.7	.20	.00
552.6	165.0	283.3						65.	185.	22.6	185.0	4.1	.20	.01
556.0	165.0	282.4						66.	185.	21.0	185.0	3.8	.20	.01
562.5	165.0	280.6						73.	185.	9.7	185.0	1.7	.20	.01
566.9	165.0	279.4						75.	185.	1.7	185.0	.3	.20	.00
573.0	165.0	277.7						78.	185.					
579.2	165.0	276.0						70.	185.	13.4	185.0	2.4	.20	.01
583.1	165.0	276.5						78.	185.					
588.7	165.0	277.3						64.	185.	22.1	185.0	4.0	.20	.01
594.8	165.0	278.1						75.	185.	1.2	185.0	.2	.20	.00
601.0	165.0	278.9						82.	185.					
607.4	165.0	279.7						74.	185.	5.9	185.0	1.0	.20	.00
613.7	165.0	281.2						76.	185.					
620.5	165.1	283.2						76.	185.					
626.6	165.1	285.0						80.	185.					
632.7	165.2	286.8						75.	185.	7.0	185.0	1.2	.20	.00
638.8	165.2	288.6						80.	185.					
644.9	165.2	290.2						74.	185.	11.3	185.0	2.0	.20	.01
651.3	165.3	291.8						78.	185.					
657.7	165.4	293.3						76.	185.	5.1	185.0	.9	.20	.00
664.1	165.4	294.9						81.	185.					
670.3	165.5	296.4						78.	185.					
676.8	165.5	296.5						75.	185.	12.1	185.0	2.1	.20	.01
682.7	165.5	296.5						75.	185.	12.1	185.0	2.1	.20	.01

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOT8,1000,015

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**************************
*     DDH:  78-X-09      *     START PLOT NUMBER  3
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PLOT-8 -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -.79 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 26.50 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 684.2 METERS J = 1 - 287

MAX PAPER WIDTH REQUIRED: 30.0 INCHES

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED		CALCULATED		OBSERVED		CALCULATED			
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD AP-DIP	CA	DIPD	DIP	DIPD AP-DIP	H	V
12.7	179.6	48.2					75.	185.	15.0	185.0 -14.8	-.19	-.05
18.4	179.4	69.9					82.	185.	8.0	185.0 -7.9	-.20	-.03
24.4	179.2	92.6					72.	185.	18.0	185.0 -17.7	-.19	-.06
30.0	179.0	113.9					80.	185.	10.0	185.0 -9.8	-.20	-.03
36.0	179.0	122.4					88.	185.				
42.0	179.0	129.5					82.	185.	8.0	185.0 -7.9	-.20	-.03
49.2	179.0	138.1					82.	185.				
55.8	179.0	146.0					77.	185.				
61.9	179.0	154.0					87.	185.				
67.9	178.8	166.2					69.	185.	19.9	185.0 -19.6	-.19	-.07
72.2	178.6	174.9					69.	185.	19.6	185.0 -19.3	-.19	-.07
78.0	178.4	186.7					75.	185.	13.4	185.0 -13.2	-.19	-.05
84.4	178.2	199.7					65.	185.	23.3	185.0 -22.9	-.18	-.08
90.5	178.0	212.1					71.	185.	17.2	185.0 -17.0	-.19	-.06
96.6	177.7	219.2					76.	185.	12.0	185.0 -11.9	-.20	-.04
102.7	177.4	225.3					73.	185.	14.9	185.0 -14.7	-.19	-.05
108.8	177.1	231.5					72.	185.	15.9	185.0 -15.7	-.19	-.05
114.0	176.9	236.7					79.	185.	8.8	185.0 -8.7	-.20	-.03
120.2	176.6	243.0					68.	185.	20.0	185.0 -19.7	-.19	-.07
125.0	176.3	245.8					73.	185.	14.9	185.0 -14.7	-.19	-.05
130.7	176.1	247.8					69.	185.	18.9	185.0 -18.7	-.19	-.06
136.2	175.8	249.8					72.	185.	15.8	185.0 -15.6	-.19	-.05
142.3	175.5	251.9					79.	185.	8.4	185.0 -8.3	-.20	-.03
148.4	175.2	254.1					83.	185.				
154.5	174.8	255.9					73.	185.	14.6	185.0 -14.4	-.19	-.05
160.6	174.2	257.0					80.	185.	6.6	185.0 -6.5	-.20	-.02
166.7	173.7	258.1					65.	185.	22.5	185.0 -22.2	-.19	-.08
172.7	173.1	259.2					80.	185.	5.6	185.0 -5.5	-.20	-.02
178.4	172.6	260.2					75.	185.	11.3	185.0 -11.2	-.20	-.04
184.1	172.1	261.2					75.	185.	11.0	185.0 -10.9	-.20	-.04
190.4	171.9	262.5					65.	185.	22.0	185.0 -21.7	-.19	-.07
196.6	171.6	263.8					80.	185.				
202.8	171.3	265.1					68.	185.	18.8	185.0 -18.6	-.19	-.06
228.3	170.7	266.8					71.	185.	15.4	185.0 -15.1	-.19	-.05
233.7	170.6	266.6					69.	185.	17.5	185.0 -17.3	-.19	-.06
239.6	170.5	266.4					87.	185.				
246.0	170.6	266.5					77.	185.	7.7	185.0 -7.6	-.20	-.03
252.0	170.8	267.2					73.	185.	13.2	185.0 -13.0	-.19	-.04
258.2	171.0	267.9					80.	185.				
263.8	171.2	268.6					80.	185.				
269.9	171.4	269.3					82.	185.				

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
275.8	171.5	269.8					87. 185.					
281.9	171.6	269.7					84. 185.					
288.0	171.6	269.6					77. 185.					
294.1	171.7	269.5					85. 185.					
300.5	171.8	269.4					75. 185.					
306.0	171.8	269.5					71. 185.	16.4	185.0	-16.2	-.19	-.06
310.8	171.6	270.3					80. 185.					
317.1	171.5	271.4					81. 185.	3.1	185.0	-3.0	-.20	-.01
323.4	171.3	272.5					70. 185.	18.1	185.0	-17.8	-.19	-.06
329.5	171.2	273.5					82. 185.					
335.6	171.0	274.5					80. 185.	4.4	185.0	-4.3	-.20	-.02
341.9	170.8	274.6					67. 185.	21.2	185.0	-20.9	-.19	-.07
348.1	170.7	274.7					74. 185.	13.1	185.0	-12.9	-.19	-.04
354.5	170.5	274.8					78. 185.	7.4	185.0	-7.3	-.20	-.03
361.0	170.3	274.9					81. 185.					
367.3	170.2	274.9					74. 185.	12.7	185.0	-12.5	-.20	-.04
373.7	170.3	274.4					80. 185.	2.4	185.0	-2.4	-.20	-.01
380.1	170.3	274.0					73. 185.	14.0	185.0	-13.8	-.19	-.05
386.2	170.4	273.5					80. 185.	2.8	185.0	-2.8	-.20	-.01
392.1	170.5	273.1					70. 185.	17.7	185.0	-17.4	-.19	-.06
399.1	170.5	272.4					77. 185.	8.9	185.0	-8.8	-.20	-.03
405.3	170.4	271.7					77. 185.	8.8	185.0	-8.7	-.20	-.03
410.3	170.4	271.0					83. 185.					
415.6	170.3	270.4					80. 185.					
422.1	170.2	269.6					90. 185.					
428.0	170.1	269.2					76. 185.					
434.8	169.4	270.1					77. 185.					
441.2	168.7	271.0					80. 185.					
447.3	168.0	271.8					78. 185.					
453.5	167.4	272.7					86. 185.					
459.9	166.9	273.8					63. 185.	23.8	185.0	-23.5	-.18	-.08
466.3	166.7	275.2					65. 185.	21.4	185.0	-21.1	-.19	-.07
472.6	166.5	276.5					79. 185.					
477.6	166.3	277.6					79. 185.					
483.8	166.1	279.0					90. 185.					
490.0	166.0	280.0					90. 185.					
496.5	166.1	280.5					75. 186.	5.9	186.0	-5.8	-.20	-.02
503.2	166.1	281.1					85. 185.					
509.3	166.1	281.6					70. 185.	16.2	185.0	-16.0	-.19	-.06
515.7	166.2	282.1					87. 185.					
521.9	166.1	282.6					75. 185.	7.9	185.0	-7.8	-.20	-.03

****
* DDH: 78-X-09 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
528.0	165.8	283.0					75. 185.	7.3	185.0	-7.2	-.20	-.03
534.2	165.6	283.4					85. 185.					
540.1	165.3	283.8					81. 185.					
546.5	165.1	284.3					75. 185.	3.9	185.0	-3.8	-.20	-.01
552.6	165.0	283.3					65. 185.	22.6	185.0	-22.3	-.19	-.08
556.0	165.0	282.4					66. 185.	21.0	185.0	-20.7	-.19	-.07
562.5	165.0	280.6					73. 185.	9.7	185.0	-9.6	-.20	-.03
566.9	165.0	279.4					75. 185.	1.7	185.0	-1.6	-.20	-.01
573.0	165.0	277.7					78. 185.					
579.2	165.0	276.0					70. 185.	13.4	185.0	-13.2	-.19	-.05
583.1	165.0	276.5					78. 185.					
588.7	165.0	277.3					64. 185.	22.1	185.0	-21.8	-.19	-.07
594.8	165.0	278.1					75. 185.	1.2	185.0	-1.2	-.20	-.00
601.0	165.0	278.9					82. 185.					
607.4	165.0	279.7					74. 185.	5.9	185.0	-5.8	-.20	-.02
613.7	165.0	281.2					76. 185.					
620.5	165.1	283.2					76. 185.					
626.6	165.1	285.0					80. 185.					
632.7	165.2	286.8					75. 185.	7.0	185.0	-6.9	-.20	-.02
638.8	165.2	288.6					80. 185.					
644.9	165.2	290.2					74. 185.	11.3	185.0	-11.1	-.20	-.04
651.3	165.3	291.8					78. 185.					
657.7	165.4	293.3					76. 185.	5.1	185.0	-5.0	-.20	-.02
664.1	165.4	294.9					81. 185.					
670.3	165.5	296.4					78. 185.					
676.8	165.5	296.5					75. 185.	12.1	185.0	-11.9	-.20	-.04
682.7	165.5	296.5					75. 185.	12.1	185.0	-11.9	-.20	-.04

***** PLOT NUMBER 3 FINISHED *****

```
**************************
*     DDH:  78-X-09      *
**************************

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST:    597465.8  NORTH:  6901274.0
                      ELEV:      1084.3


----  THE DRILLHOLE DATA FOLLOWS  ( DEPTHS ARE IN METERS )  ----

                  1         2         3         4         5         6         7         8
        1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
      1 T78-X-09  1084.36901274.597465.8 METERS
      2 R78-X-09 00000        180.0 000.0 AT COLLAR
      3 R78-X-09 00305        179.0 115.8
      4 R78-X-09 00610        179.0 152.2
      5 R78-X-09 00914        178.0 213.9
      6 R78-X-09 01219        176.5 244.7
      7 R78-X-09 01524        175.0 255.5
      8 R78-X-09 01829        172.2 261.0
      9 R78-X-09 02134        170.8 267.3
     10 R78-X-09 02438        170.5 266.2
     11 R78-X-09 02743        171.5 269.8
     12 R78-X-09 03048        171.8 269.3
     13 R78-X-09 03353        171.0 274.5
     14 R78-X-09 03658        170.2 275.0
     15 R78-X-09 03962        170.5 272.8
     16 R78-X-09 04267        170.2 269.0
     17 R78-X-09 04572        167.0 273.2
     18 R78-X-09 04877        166.0 279.8
     19 R78-X-09 05182        166.2 282.3
     20 R78-X-09 05486        165.0 284.4
     21 R78-X-09 05791        165.0 276.0
     22 R78-X-09 06096        165.0 280.0
     23 R78-X-09 06401        165.2 289.0
     24 R78-X-09 06706        165.5 296.5
     25 C78-X-09 CEMENTED WITH THIRTY BAGS TYPE 10
     26 C78-X-09   PORTLAND CEMENT
     27 C78-X-09  NB DEC N = .58   DEC E = .51
     28 L78-X-09 00000 00125 01   #
     29 L78-X-09 00125 00172 02 5D0
     30 L78-X-09 00172 00193 03 5C3
     31 L78-X-09 00193 00216 04 5D0
     32 L78-X-09 00216 00261 05 5C3
     33 L78-X-09 00261 00290 06 5D0
     34 L78-X-09 00290 00502 07 5B2
     35 L78-X-09 00502 00670 08 5B2
     36 L78-X-09 00670 00747 09 5B2
        1.....1.....2.....3.....4.....5.....6.....7.....8
                  0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 37   L78-X-09 00747 00787 10 0Q0
 38   L78-X-09 00787 01030 11 5B2
 39   L78-X-09 01030 01249 12 5B2
 40   L78-X-09 01249 01282 13 5B2
 41   L78-X-09 01282 01295 14 5B2
 42   L78-X-09 01295 01301 15 5B2
 43   L78-X-09 01301 01423 16 5B2
 44   L78-X-09 01423 01652 17 5B2
 45   L78-X-09 01652 01776 18 5B0
 46   L78-X-09 01776 01783 19 5B0
 47   L78-X-09 01783 01823 20 5B0
 48   L78-X-09 01823 01832 21 5B0
 49   L78-X-09 01832 02037 22 5B0
 50   L78-X-09 02037 02045 23 0F0
 51   L78-X-09 02045 02050 24 5B0
 52   L78-X-09 02050 02096 25 0E8
 53   L78-X-09 02096 02258 26 0F0
 54   L78-X-09 02258 02590 27 5B0
 55   L78-X-09 02590 02639 28 5B0
 56   L78-X-09 02639 02676 29 5B0
 57   L78-X-09 02676 02706 30 5B0
 58   L78-X-09 02706 02844 31 5B0
 59   L78-X-09 02844 02968 32 5E0
 60   L78-X-09 02968 02994 33 5D3
 61   L78-X-09 02994 03023 34 5B0
 62   L78-X-09 03023 03042 35 5D3
 63   L78-X-09 03042 03164 36 5B0
 64   L78-X-09 03164 03171 37 5D3
 65   L78-X-09 03171 03254 38 5B0
 66   L78-X-09 03254 03270 39 5B0
 67   L78-X-09 03270 03320 40 5D3
 68   L78-X-09 03320 03392 41 5D3
 69   L78-X-09 03392 03408 42 5B0
 70   L78-X-09 03408 03425 43 5D3
 71   L78-X-09 03425 03431 44 5B0
 72   L78-X-09 03431 03436 45 5D3
 73   L78-X-09 03436 03450 46 5B0
 74   L78-X-09 03450 03465 47 5D3
 75   L78-X-09 03465 03547 48 5B7
 76   L78-X-09 03547 03664 49 5B0
 77   L78-X-09 03664 03722 50 5B0
 78   L78-X-09 03722 03731 51 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   79 L78-X-09 03731 03796 52 5B7
   80 L78-X-09 03796 03821 53 5D3
   81 L78-X-09 03821 03865 54 5B7
   82 L78-X-09 03865 03885 55 5D3
   83 L78-X-09 03885 03894 56 5B7
   84 L78-X-09 03894 04035 57 5D3
   85 L78-X-09 04035 04049 58 5B0
   86 L78-X-09 04049 04075 59 5D3
   87 L78-X-09 04075 04200 60 5B0
   88 L78-X-09 04200 04259 61 5B0
   89 L78-X-09 04259 04287 62 5B0
   90 L78-X-09 04287 04467 63 5B7
   91 L78-X-09 04467 04493 64 5D3
   92 L78-X-09 04493 04658 65 5B7
   93 L78-X-09 04658 04709 66 5D3
   94 L78-X-09 04709 04805 67 5B0
   95 L78-X-09 04805 04828 68 5D3
   96 L78-X-09 04828 04938 69 5B0
   97 L78-X-09 04938 04945 70 5D3
   98 L78-X-09 04945 05032 71 5B0
   99 L78-X-09 05032 05057 72 5D3
  100 L78-X-09 05057 05107 73 5B2
  101 L78-X-09 05107 05149 74 5GD
  102 L78-X-09 05149 05179 75 5D3
  103 L78-X-09 05179 05190 76 5G3
  104 L78-X-09 05190 05268 77 5B2
  105 L78-X-09 05268 05288 78 4L7
  106 L78-X-09 05288 05308 79 5D3
  107 L78-X-09 05308 05319 80 5G6
  108 L78-X-09 05319 05373 81 5D0
  109 L78-X-09 05373 05399 82 5D0
  110 L78-X-09 05399 05483 83 5D0
  111 L78-X-09 05483 05497 84 5G0
  112 L78-X-09 05497 05539 85 5DB
  113 L78-X-09 05539 05563 86 5B6
  114 L78-X-09 05563 05576 87 4G4
  115 L78-X-09 05576 05590 88 5B6
  116 L78-X-09 05590 05621 89 4G0
  117 L78-X-09 05621 05752 90 5B6
  118 L78-X-09 05752 05802 91 4D4
  119 L78-X-09 05802 05809 92 4E4
  120 L78-X-09 05809 05814 93 4H0
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  121 L78-X-09 05814 05834 94 5A6
  122 L78-X-09 05834 05858 95 4K0
  123 L78-X-09 05858 05871 96 4K4
  124 L78-X-09 05871 05938 97 5B6
  125 L78-X-09 05938 05980 98 5D3
  126 L78-X-09 05980 06011 99 5D3
  127 L78-X-09 06011 06091 00 5D3
  128 L78-X-09 06091 06296 01 5B6
  129 L78-X-09 06296 06372 02 5D3
  130 L78-X-09 06372 06408 03 5B6
  131 L78-X-09 06408 06425 04 5D3
  132 L78-X-09 06425 06456 05 5B6
  133 L78-X-09 06456 06493 06 5D3
  134 L78-X-09 06493 06539 07 5B6
  135 L78-X-09 06539 06641 08 5A6
  136 L78-X-09 06641 06842 09 5B6
  137 S78-X-09       00127 CS2       75185
  138 S78-X-09       00184 CS2       82185
  139 S78-X-09       00244 CS2       72185
  140 S78-X-09       00300 CS2       80185
  141 S78-X-09       00360 CS2       88185
  142 S78-X-09       00420 CS2       82185
  143 S78-X-09       00492 CS2       82185
  144 S78-X-09       00558 CS2       77185
  145 S78-X-09       00619 CS2       87185
  146 S78-X-09       00679 CS2       69185
  147 S78-X-09       00722 CS2       69185
  148 S78-X-09       00780 CS2       75185
  149 S78-X-09       00844 CS2       65185
  150 S78-X-09       00905 CS2       71185
  151 S78-X-09       00966 CS2       76185
  152 S78-X-09       01027 CS2       73185
  153 S78-X-09       01088 CS2       72185
  154 S78-X-09       01140 CS2       79185
  155 S78-X-09       01202 CS2       68185
  156 S78-X-09       01250 CS2       73185
  157 S78-X-09       01307 CS2       69185
  158 S78-X-09       01362 CS2       72185
  159 S78-X-09       01423 CS2       79185
  160 S78-X-09       01484 CS2       83185
  161 S78-X-09       01545 CS2       73185
  162 S78-X-09       01606 CS2       80185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
         1         2         3         4         5         6         7         8
    1....0....+....0....+....0....+....0....+....0....+....0....+....0....+....0.
163 S78-X-09      01667 CS2      65185
164 S78-X-09      01727 CS2      80185
165 S78-X-09      01784 CS2      75185
166 S78-X-09      01841 CS2      75185
167 S78-X-09      01904 CS2      65185
168 S78-X-09      01966 CS2      80185
169 S78-X-09      02028 CS2      68185
170 S78-X-09      02283 CS2      71185
171 S78-X-09      02337 CS2      69185
172 S78-X-09      02396 CS2      87185
173 S78-X-09      02460 CS2      77185
174 S78-X-09      02520 CS2      73185
175 S78-X-09      02582 CS2      80185
176 S78-X-09      02638 CS2      80185
177 S78-X-09      02699 CS2      82185
178 S78-X-09      02758 CS2      87185
179 S78-X-09      02819 CS2      84185
180 S78-X-09      02880 CS2      77185
181 S78-X-09      02941 CS2      85185
182 S78-X-09      03005 CS2      75185
183 S78-X-09      03060 CS2      71185
184 S78-X-09      03108 CS2      80185
185 S78-X-09      03171 CS2      81185
186 S78-X-09      03234 CS2      70185
187 S78-X-09      03295 CS2      82185
188 S78-X-09      03356 CS2      80185
189 S78-X-09      03419 CS2      67185
190 S78-X-09      03481 CS2      74185
191 S78-X-09      03545 CS2      78185
192 S78-X-09      03610 CS2      81185
193 S78-X-09      03673 CS2      74185
194 S78-X-09      03737 CS2      80185
195 S78-X-09      03801 CS2      73185
196 S78-X-09      03862 CS2      80185
197 S78-X-09      03921 CS2      70185
198 S78-X-09      03991 CS2      77185
199 S78-X-09      04053 CS2      77185
200 S78-X-09      04103 CS2      83185
201 S78-X-09      04156 CS2      80185
202 S78-X-09      04221 CS2      90185
203 S78-X-09      04280 CS2      76185
204 S78-X-09      04348 CS2      77185
    1....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8
              0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
        1.........0.........0.........0.........0.........0.........0.........0.........0.
    205 S78-X-09        04412 CS2         80185
    206 S78-X-09        04473 CS2         78185
    207 S78-X-09        04535 CS2         86185
    208 S78-X-09        04599 CS2         63185
    209 S78-X-09        04663 CS2         65185
    210 S78-X-09        04726 CS2         79185
    211 S78-X-09        04776 CS2         79185
    212 S78-X-09        04838 CS2         90185
    213 S78-X-09        04900 CS2         90185
    214 S78-X-09        04965 CS2         75186
    215 S78-X-09        05032 CS2         85185
    216 S78-X-09        05093 CS2         70185
    217 S78-X-09        05157 CS2         87185
    218 S78-X-09        05219 CS2         75185
    219 S78-X-09        05280 CS2         75185
    220 S78-X-09        05342 CS2         85185
    221 S78-X-09        05401 CS2         81185
    222 S78-X-09        05465 CS2         75185
    223 S78-X-09        05526 CS2         65185
    224 S78-X-09        05560 CS2         66185
    225 S78-X-09        05625 CS2         73185
    226 S78-X-09        05669 CS2         75185
    227 S78-X-09        05730 CS2         78185
    228 S78-X-09        05792 CS2         70185
    229 S78-X-09        05831 CS2         78185
    230 S78-X-09        05887 CS2         64185
    231 S78-X-09        05948 CS2         75185
    232 S78-X-09        06010 CS2         82185
    233 S78-X-09        06074 CS2         74185
    234 S78-X-09        06137 CS2         76185
    235 S78-X-09        06205 CS2         76185
    236 S78-X-09        06266 CS2         80185
    237 S78-X-09        06327 CS2         75185
    238 S78-X-09        06388 CS2         80185
    239 S78-X-09        06449 CS2         74185
    240 S78-X-09        06513 CS2         78185
    241 S78-X-09        06577 CS2         76185
    242 S78-X-09        06641 CS2         81185
    243 S78-X-09        06703 CS2         78185
    244 S78-X-09        06768 CS2         75185
    245 S78-X-09        06827 CS2         75185
    246 P78-X-09 05563 05576 002808
        1.........1.........2.........3.........4.........5.........6.........7.........8
                  0         0         0         0         0         0         0         0
```

		AZIMUTH:	266.20	269.80	
BOREHOLE SECTION 10	--	DEPTH:	274.30	304.80	METERS
		ZENITH ANG:	171.50	171.80	
		AZIMUTH:	269.80	269.30	
BOREHOLE SECTION 11	--	DEPTH:	304.80	335.30	METERS
		ZENITH ANG:	171.80	171.00	
		AZIMUTH:	269.30	274.50	
BOREHOLE SECTION 12	--	DEPTH:	335.30	365.80	METERS
		ZENITH ANG:	171.00	170.20	
		AZIMUTH:	274.50	275.00	
BOREHOLE SECTION 13	--	DEPTH:	365.80	396.20	METERS
		ZENITH ANG:	170.20	170.50	
		AZIMUTH:	275.00	272.80	
BOREHOLE SECTION 14	--	DEPTH:	396.20	426.70	METERS
		ZENITH ANG:	170.50	170.20	
		AZIMUTH:	272.80	269.00	
BOREHOLE SECTION 15	--	DEPTH:	426.70	457.20	METERS
		ZENITH ANG:	170.20	167.00	
		AZIMUTH:	269.00	273.20	
BOREHOLE SECTION 16	--	DEPTH:	457.20	487.70	METERS
		ZENITH ANG:	167.00	166.00	
		AZIMUTH:	273.20	279.80	
BOREHOLE SECTION 17	--	DEPTH:	487.70	518.20	METERS
		ZENITH ANG:	166.00	166.20	
		AZIMUTH:	279.80	282.30	
BOREHOLE SECTION 18	--	DEPTH:	518.20	548.60	METERS
		ZENITH ANG:	166.20	165.00	
		AZIMUTH:	282.30	284.40	
BOREHOLE SECTION 19	--	DEPTH:	548.60	579.10	METERS
		ZENITH ANG:	165.00	165.00	
		AZIMUTH:	284.40	276.00	
BOREHOLE SECTION 20	--	DEPTH:	579.10	609.60	METERS
		ZENITH ANG:	165.00	165.00	
		AZIMUTH:	276.00	280.00	
BOREHOLE SECTION 21	--	DEPTH:	609.60	640.10	METERS
		ZENITH ANG:	165.00	165.20	
		AZIMUTH:	280.00	289.00	
BOREHOLE SECTION 22	--	DEPTH:	640.10	670.60	METERS
		ZENITH ANG:	165.20	165.50	
		AZIMUTH:	289.00	296.50	

BOREHOLE SECTION 23 -- DEPTH: 670.60 - 684.20 METERS
ZENITH ANG: 165.50 - 165.50
AZIMUTH: 296.50 - 296.50

FINISHED -- BOREHOLE LENGTH = 684.20 METERS
FILE SIZE = 288

****
* DDH: 78-X-09 *
****

---- DRILLHOLE DATA (CONTINUED): DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
           1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
      247  P78-X-09 05576 05590 002809
      248  P78-X-09 05590 05605 002810
      249  P78-X-09 05605 05621 002811
      250  P78-X-09 05752 05772 002812
      251  P78-X-09 05772 05792 002813
      252  P78-X-09 05792 05802 002814
      253  P78-X-09 05802 05814 002815
      254  P78-X-09 05834 05844 002816
      255  P78-X-09 05844 05858 002817
      256  P78-X-09 05858 05871 002818
           1.....1.....2.....3.....4.....5.....6.....7.....8
                     0         0         0         0         0         0         0         0
```

DDH: 78-X-09 -- SUMMARY OF DATA INPUT

RECORDS READ = 256 RELEASED TO SORT 290
TYPE-L = 109
TYPE-P = 11
TYPE-R = 23
TYPE-S = 109
TYPE-X = 34
TYPE-A = 0
TYPE-V = 0 (GENERATED TO DEPTH: 680.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 684.2 METERS

****
* DDH: 78-X-09 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597465.8 NORTH: 6901274.0
ELEV: 1084.3

---- UNITS OF MEASUREMENT ARE METERS ----

COMMENT: NB DEC N = .58 DEC E = .51

COMMENT: PORTLAND CEMENT

COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	0.	-	115.80	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.00	-	179.00	
	AZIMUTH:	115.80	-	152.20	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	179.00	-	178.00	
	AZIMUTH:	152.20	-	213.90	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	178.00	-	176.50	
	AZIMUTH:	213.90	-	244.70	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	176.50	-	175.00	
	AZIMUTH:	244.70	-	255.50	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	175.00	-	172.20	
	AZIMUTH:	255.50	-	261.00	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	172.20	-	170.80	
	AZIMUTH:	261.00	-	267.30	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	170.80	-	170.50	
	AZIMUTH:	267.30	-	266.20	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R							0.	0.	0.	180.0	0.
12.5	L	01 #						12.5	.0	-.0	179.6	47.5
12.7	S			CS2			75. 185.	12.7	.0	-.0	179.6	48.2
17.2	L	02 5D0						17.2	.0	-.1	179.4	65.3
18.4	S			CS2			82. 185.	18.4	.0	-.1	179.4	69.9
19.3	L	03 5C3						19.3	.0	-.1	179.4	73.3
21.6	L	04 5D0						21.6	.1	-.1	179.3	82.0
24.4	S			CS2			72. 185.	24.4	.1	-.1	179.2	92.6
26.1	L	05 5C3						26.1	.1	-.1	179.1	99.1
29.0	L	06 5D0						29.0	.1	-.2	179.0	110.1
30.0	S			CS2			80. 185.	30.0	.2	-.2	179.0	113.9
30.5	R							30.5	.2	-.2	179.0	115.8
36.0	S			CS2			88. 185.	36.0	.2	-.2	179.0	122.4
42.0	S			CS2			82. 185.	42.0	.3	-.3	179.0	129.5
49.2	S			CS2			82. 185.	49.2	.4	-.4	179.0	138.1
50.2	L	07 5B2						50.2	.4	-.4	179.0	139.3
55.8	S			CS2			77. 185.	55.8	.5	-.5	179.0	146.0
61.0	R							61.0	.5	-.5	179.0	152.2
61.9	S			CS2			87. 185.	61.9	.5	-.6	179.0	154.0
67.0	L	08 5B2						67.0	.6	-.6	178.8	164.4
67.9	S			CS2			69. 185.	67.9	.6	-.7	178.8	166.2
72.2	S			CS2			69. 185.	72.2	.6	-.8	178.6	174.9
74.7	L	09 5B2						74.7	.6	-.8	178.5	180.0
78.0	S			CS2			75. 185.	78.0	.6	-.9	178.4	186.7
78.7	L	10 0Q0						78.7	.6	-.9	178.4	188.1
84.4	S			CS2			65. 185.	84.4	.6	-1.1	178.2	199.7
90.5	S			CS2			71. 185.	90.5	.5	-1.3	178.0	212.1

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	DEPTH	EASTING	NORTHING	Z	AZ
91.4	R										91.4	.5	-1.3	178.0	213.9
96.6	S				CS2				76.	185.	96.6	.3	-1.4	177.7	219.2
102.7	S				CS2				73.	185.	102.7	.2	-1.6	177.4	225.3
103.0	L	11 SB2									103.0	.2	-1.6	177.4	225.6
108.8	S				CS2				72.	185.	108.8	-.1	-1.8	177.1	231.5
114.0	S				CS2				79.	185.	114.0	-.3	-2.0	176.9	236.7
120.2	S				CS2				68.	185.	120.2	-.6	-2.2	176.6	243.0
121.9	R										121.8	-.7	-2.2	176.5	244.7
124.9	L	12 SB2									124.8	-.8	-2.3	176.4	245.8
125.0	S				CS2				73.	185.	124.9	-.8	-2.3	176.3	245.8
128.2	L	13 SB2									128.1	-1.0	-2.4	176.2	246.9
129.5	L	14 SB2									129.4	-1.1	-2.4	176.1	247.4
130.1	L	15 SB2									130.0	-1.2	-2.4	176.1	247.6
130.7	S				CS2				69.	185.	130.6	-1.2	-2.4	176.1	247.8
136.2	S				CS2				72.	185.	136.1	-1.6	-2.6	175.8	249.8
142.3	L	16 SB2									142.2	-2.0	-2.7	175.5	251.9
142.3	S				CS2				79.	185.	142.2	-2.0	-2.7	175.5	251.9
148.4	S				CS2				83.	185.	148.3	-2.5	-2.9	175.2	254.1
152.4	R										152.3	-2.8	-3.0	175.0	255.5
154.5	S				CS2				73.	185.	154.4	-3.0	-3.0	174.8	255.9
160.6	S				CS2				80.	185.	160.4	-3.5	-3.1	174.2	257.0
165.2	L	17 SB2									165.0	-4.0	-3.3	173.8	257.8
166.7	S				CS2				65.	185.	166.5	-4.2	-3.3	173.7	258.1
172.7	S				CS2				80.	185.	172.5	-4.8	-3.4	173.1	259.2
177.6	L	18 SB0									177.3	-5.4	-3.5	172.7	260.0
178.3	L	19 SB0									178.0	-5.5	-3.5	172.6	260.2
178.4	S				CS2				75.	185.	178.1	-5.5	-3.5	172.6	260.2
182.3	L	20 SB0									182.0	-6.0	-3.6	172.3	260.9

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	STRUCTURAL LOG SYM	STRUCTURAL LOG S1 CA DIPD	STRUCTURAL LOG S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
182.9	R								182.6	-6.1	-3.6	172.2	261.0
183.2	L	21 SBO							182.9	-6.2	-3.7	172.2	261.1
184.1	S				CS2			75. 185.	183.8	-6.3	-3.7	172.1	261.2
190.4	S				CS2			65. 185.	190.0	-7.2	-3.8	171.9	262.5
196.6	S				CS2			80. 185.	196.1	-8.0	-3.9	171.6	263.8
202.8	S				CS2			68. 185.	202.3	-9.0	-4.0	171.3	265.1
203.7	L	22 SBO							203.2	-9.1	-4.0	171.2	265.3
204.5	L	23 OFO							203.9	-9.2	-4.0	171.2	265.5
205.0	L	24 SBO							204.4	-9.3	-4.0	171.2	265.6
209.6	L	25 OES							209.0	-10.0	-4.1	171.0	266.5
213.4	R								212.7	-10.6	-4.1	170.8	267.3
225.8	L	26 OFO							225.0	-12.6	-4.2	170.7	266.9
228.3	S				CS2			71. 185.	227.4	-13.0	-4.2	170.7	266.8
233.7	S				CS2			69. 185.	232.8	-13.9	-4.3	170.6	266.6
239.6	S				CS2			87. 185.	238.6	-14.8	-4.3	170.5	266.4
243.8	R								242.7	-15.5	-4.4	170.5	266.2
246.0	S				CS2			77. 185.	244.9	-15.9	-4.4	170.6	266.5
252.0	S				CS2			73. 185.	250.8	-16.9	-4.5	170.8	267.2
258.2	S				CS2			80. 185.	256.9	-17.9	-4.5	171.0	267.9
259.0	L	27 SBO							257.7	-18.0	-4.5	171.0	268.0
263.8	S				CS2			80. 185.	262.5	-18.7	-4.5	171.2	268.6
263.9	L	28 SBO							262.6	-18.7	-4.5	171.2	268.6
267.6	L	29 SBO							266.2	-19.3	-4.5	171.3	269.0
269.9	S				CS2			82. 185.	268.5	-19.6	-4.5	171.4	269.3
270.6	L	30 SBO							269.2	-19.8	-4.5	171.4	269.4

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* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
274.3	R								272.9	-20.3	-4.5	171.5	269.8
275.8	S				CS2			87. 185.	274.3	-20.5	-4.5	171.5	269.8
281.9	S				CS2			84. 185.	280.4	-21.4	-4.6	171.6	269.7
284.4	L	31 SBO							282.8	-21.8	-4.6	171.6	269.6
288.0	S				CS2			77. 185.	286.4	-22.3	-4.6	171.6	269.6
294.1	S				CS2			85. 185.	292.4	-23.2	-4.6	171.7	269.5
296.8	L	32 SEO							295.1	-23.6	-4.6	171.7	269.4
299.4	L	33 SD3							297.7	-24.0	-4.6	171.7	269.4
300.5	S				CS2			75. 185.	298.8	-24.1	-4.6	171.8	269.4
302.3	L	34 SBO							300.6	-24.4	-4.6	171.8	269.3
304.2	L	35 SD3							302.4	-24.6	-4.6	171.8	269.3
304.8	R								303.0	-24.7	-4.6	171.8	269.3
306.0	S				CS2			71. 185.	304.2	-24.9	-4.6	171.8	269.5
310.8	S				CS2			80. 185.	309.0	-25.6	-4.6	171.6	270.3
316.4	L	36 SBO							314.5	-26.4	-4.6	171.5	271.3
317.1	L	37 SD3							315.2	-26.5	-4.6	171.5	271.4
317.1	S				CS2			81. 185.	315.2	-26.5	-4.6	171.5	271.4
323.4	S				CS2			70. 185.	321.4	-27.5	-4.5	171.3	272.5
325.4	L	38 SBO							323.4	-27.8	-4.5	171.3	272.8
327.0	L	39 SBO							325.0	-28.0	-4.5	171.2	273.1
329.5	S				CS2			82. 185.	327.5	-28.4	-4.5	171.2	273.5
332.0	L	40 SD3							329.9	-28.8	-4.5	171.1	273.9
335.3	R								333.2	-29.3	-4.4	171.0	274.5
335.6	S				CS2			80. 185.	333.5	-29.3	-4.4	171.0	274.5
339.2	L	41 SD3							337.0	-29.9	-4.4	170.9	274.6
340.8	L	42 SBO							338.6	-30.2	-4.4	170.9	274.6
341.9	S				CS2			67. 185.	339.7	-30.3	-4.3	170.8	274.6
342.5	L	43 SD3							340.3	-30.4	-4.3	170.8	274.6
343.1	L	44 SBO							340.9	-30.5	-4.3	170.8	274.6
343.6	L	45 SD3							341.4	-30.6	-4.3	170.8	274.6
345.0	L	46 SBO							342.8	-30.8	-4.3	170.7	274.7

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
346.5	L	47 SD3							344.2	-31.1	-4.3	170.7	274.7
348.1	S				CS2			74. 185.	345.8	-31.3	-4.3	170.7	274.7
354.5	S				CS2			78. 185.	352.1	-32.4	-4.2	170.5	274.8
354.7	L	48 SB7							352.3	-32.4	-4.2	170.5	274.8
361.0	S				CS2			81. 185.	358.5	-33.4	-4.1	170.3	274.9
365.8	R								363.3	-34.3	-4.0	170.2	275.0
366.4	L	49 SB0							363.9	-34.4	-4.0	170.2	275.0
367.3	S				CS2			74. 185.	364.8	-34.5	-4.0	170.2	274.9
372.2	L	50 SB0							369.6	-35.3	-3.9	170.3	274.5
373.1	L	51 SD3							370.5	-35.5	-3.9	170.3	274.5
373.7	S				CS2			80. 185.	371.1	-35.6	-3.9	170.3	274.4
379.6	L	52 SB7							376.9	-36.6	-3.8	170.3	274.0
380.1	S				CS2			73. 185.	377.4	-36.7	-3.8	170.3	274.0
382.1	L	53 SD3							379.3	-37.0	-3.8	170.4	273.8
386.2	S				CS2			80. 185.	383.4	-37.7	-3.8	170.4	273.5
386.5	L	54 SB7							383.7	-37.7	-3.8	170.4	273.5
388.5	L	55 SD3							385.7	-38.1	-3.7	170.4	273.4
389.4	L	56 SB7							386.5	-38.2	-3.7	170.4	273.3
392.1	S				CS2			70. 185.	389.2	-38.7	-3.7	170.5	273.1
396.2	R								393.2	-39.3	-3.7	170.5	272.8
399.1	S				CS2			77. 185.	396.1	-39.8	-3.6	170.5	272.4
403.5	L	57 SD3							400.4	-40.5	-3.6	170.4	271.9
404.9	L	58 SB0							401.8	-40.8	-3.6	170.4	271.7
405.3	S				CS2			77. 185.	402.2	-40.8	-3.6	170.4	271.7
407.5	L	59 SD3							404.4	-41.2	-3.6	170.4	271.4
410.3	S				CS2			83. 185.	407.2	-41.7	-3.6	170.4	271.0
415.6	S				CS2			80. 185.	412.4	-42.6	-3.6	170.3	270.4
420.0	L	60 SB0							416.7	-43.3	-3.6	170.3	269.8
422.1	S				CS2			90. 185.	418.8	-43.7	-3.6	170.2	269.6
425.9	L	61 SB0							422.5	-44.3	-3.6	170.2	269.1

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
426.7	R								423.3	-44.4	-3.6	170.2	269.0
428.0	S				CS2			76. 185.	424.6	-44.7	-3.6	170.1	269.2
428.7	L	62 5B0							425.3	-44.8	-3.6	170.0	269.3
434.8	S				CS2			77. 185.	431.3	-45.9	-3.6	169.4	270.1
441.2	S				CS2			80. 185.	437.6	-47.1	-3.6	168.7	271.0
446.7	L	63 5B7							443.0	-48.2	-3.6	168.1	271.8
447.3	S				CS2			78. 185.	443.5	-48.3	-3.6	168.0	271.8
449.3	L	64 5D3							445.5	-48.8	-3.5	167.8	272.1
453.5	S				CS2			86. 185.	449.6	-49.7	-3.5	167.4	272.7
457.2	R								453.2	-50.5	-3.5	167.0	273.2
459.9	S				CS2			63. 185.	455.8	-51.1	-3.4	166.9	273.8
465.8	L	65 5B7							461.6	-52.4	-3.3	166.7	275.1
466.3	S				CS2			65. 185.	462.1	-52.5	-3.3	166.7	275.2
470.9	L	66 5D3							466.5	-53.6	-3.2	166.6	276.2
472.6	S				CS2			79. 185.	468.2	-54.0	-3.2	166.5	276.5
477.6	S				CS2			79. 185.	473.1	-55.2	-3.0	166.3	277.6
480.5	L	67 5B0							475.9	-55.8	-2.9	166.2	278.2
482.8	L	68 5D3							478.1	-56.4	-2.8	166.2	278.7
483.8	S				CS2			90. 185.	479.1	-56.6	-2.8	166.1	279.0
487.7	R								482.9	-57.5	-2.7	166.0	279.8
490.0	S				CS2			90. 185.	485.1	-58.1	-2.6	166.0	280.0
493.8	L	69 5B0							488.8	-59.0	-2.4	166.0	280.3
494.5	L	70 5D3							489.5	-59.2	-2.4	166.0	280.4
496.5	S				CS2			75. 186.	491.4	-59.6	-2.3	166.1	280.5
503.2	L	71 5B0							497.9	-61.2	-2.0	166.1	281.1
503.2	S				CS2			85. 185.	497.9	-61.2	-2.0	166.1	281.1
505.7	L	72 5D3							500.3	-61.8	-1.9	166.1	281.3
509.3	S				CS2			70. 185.	503.8	-62.7	-1.7	166.1	281.6
510.7	L	73 5B2							505.2	-63.0	-1.6	166.2	281.7
514.9	L	74 5GD							509.3	-64.0	-1.4	166.2	282.0
515.7	S				CS2			87. 185.	510.0	-64.2	-1.4	166.2	282.1

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
517.9	L	75 5D3								512.2	-64.7	-1.3	166.2	282.3
518.2	R									512.5	-64.7	-1.2	166.2	282.3
519.0	L	76 5G3								513.3	-64.9	-1.2	166.2	282.4
521.9	S				CS2				75. 185.	516.1	-65.6	-1.1	166.1	282.6
526.8	L	77 5B2								520.8	-66.8	-.8	165.9	282.9
528.0	S				CS2				75. 185.	522.0	-67.0	-.7	165.8	283.0
528.8	L	78 4L7								522.8	-67.2	-.7	165.8	283.0
530.8	L	79 5D3								524.7	-67.7	-.6	165.7	283.2
531.9	L	80 5G6								525.8	-68.0	-.5	165.7	283.2
534.2	S				CS2				85. 185.	528.0	-68.5	-.4	165.6	283.4
537.3	L	81 5D0								531.0	-69.3	-.2	165.4	283.6
539.9	L	82 5D0								533.5	-69.9	-.0	165.3	283.8
540.1	S				CS2				81. 185.	533.7	-70.0	-.0	165.3	283.8
546.5	S				CS2				75. 185.	539.9	-71.6	.4	165.1	284.3
548.3	L	83 5D0								541.6	-72.0	.5	165.0	284.4
548.6	R									541.9	-72.1	.5	165.0	284.4
549.7	L	84 5G0								543.0	-72.4	.6	165.0	284.1
552.6	S				CS2				65. 185.	545.8	-73.1	.7	165.0	283.3
553.9	L	85 5D8								547.0	-73.4	.8	165.0	282.9
556.0	S				CS2				66. 185.	549.1	-74.0	.9	165.0	282.4
556.3	L	86 5B6								549.4	-74.0	1.0	165.0	282.3
557.0	P		2808	1.						550.0	-74.2	1.0	165.0	282.1
557.6	L	87 4G4								550.6	-74.4	1.0	165.0	281.9
558.3	P		2809	1.						551.3	-74.5	1.1	165.0	281.7
559.0	L	88 5B6								552.0	-74.7	1.1	165.0	281.5
559.8	P		2810	2.						552.7	-74.9	1.1	165.0	281.3
561.3	P		2811	2.						554.2	-75.3	1.2	165.0	280.9
562.1	L	89 4G0								555.0	-75.5	1.3	165.0	280.7
562.5	S				CS2				73. 185.	555.3	-75.6	1.3	165.0	280.6
566.9	S				CS2				75. 185.	559.6	-76.7	1.5	165.0	279.4
573.0	S				CS2				78. 185.	565.5	-78.3	1.7	165.0	277.7
575.2	L	90 5B6								567.6	-78.8	1.8	165.0	277.1
576.2	P		2812	2.						568.6	-79.1	1.8	165.0	276.8

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
578.2	P		2813	2.						570.5	-79.6	1.9	165.0	276.2
579.1	R									571.4	-79.9	1.9	165.0	276.0
579.2	S				CS2				70. 185.	571.5	-79.9	1.9	165.0	276.0
579.7	P		2814	1.						572.0	-80.0	1.9	165.0	276.1
580.2	L	91 4D4								572.4	-80.1	1.9	165.0	276.1
580.8	P		2815	1.						573.0	-80.3	1.9	165.0	276.2
580.9	L	92 4E4								573.1	-80.3	1.9	165.0	276.2
581.4	L	93 4H0								573.6	-80.4	2.0	165.0	276.3
583.1	S				CS2				78. 185.	575.2	-80.9	2.0	165.0	276.5
583.4	L	94 5A6								575.5	-81.0	2.0	165.0	276.6
583.9	P		2816	1.						576.0	-81.1	2.0	165.0	276.6
585.1	P		2817	1.						577.2	-81.4	2.1	165.0	276.8
585.8	L	95 4K0								577.9	-81.6	2.1	165.0	276.9
586.5	P		2818	1.						578.5	-81.7	2.1	165.0	277.0
587.1	L	96 4K4								579.1	-81.9	2.1	165.0	277.0
588.7	S				CS2				64. 185.	580.7	-82.3	2.2	165.0	277.3
593.8	L	97 5B6								585.6	-83.6	2.4	165.0	277.9
594.8	S				CS2				75. 185.	586.5	-83.9	2.4	165.0	278.1
598.0	L	98 5D3								589.6	-84.7	2.5	165.0	278.5
601.0	S				CS2				82. 185.	592.5	-85.5	2.6	165.0	278.9
601.1	L	99 5D3								592.6	-85.5	2.6	165.0	278.9
607.4	S				CS2				74. 185.	598.7	-87.1	2.9	165.0	279.7
609.1	L	00 5D3								600.4	-87.5	3.0	165.0	279.9
609.6	R									600.8	-87.7	3.0	165.0	280.0
613.7	S				CS2				76. 185.	604.8	-88.7	3.2	165.0	281.2
620.5	S				CS2				76. 185.	611.4	-90.4	3.6	165.1	283.2
626.6	S				CS2				80. 185.	617.3	-91.9	3.9	165.1	285.0
629.6	L	01 5B6								620.2	-92.7	4.1	165.1	285.9
632.7	S				CS2				75. 185.	623.2	-93.5	4.4	165.2	286.8
637.2	L	02 5D3								627.5	-94.6	4.7	165.2	288.1
638.8	S				CS2				80. 185.	629.1	-94.9	4.8	165.2	288.6

****
* DDH: 78-X-09 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597465.8 METERS NORTH: 6901274.0 METERS ELEV: 1084.3 METERS

COMMENT: NB DEC N = .58 DEC E = .51
COMMENT: PORTLAND CEMENT
COMMENT: CEMENTED WITH THIRTY BAGS TYPE 10

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
640.1	R							630.3	-95.3	5.0	165.2	289.0
640.8	L	03 5B6						631.0	-95.4	5.0	165.2	289.2
642.5	L	04 5D3						632.6	-95.8	5.2	165.2	289.6
644.9	S			CS2			74. 185.	635.0	-96.4	5.4	165.2	290.2
645.6	L	05 5B6						635.6	-96.6	5.4	165.3	290.4
649.3	L	06 5D3						639.2	-97.5	5.8	165.3	291.3
651.3	S			CS2		78. 185.		641.1	-97.9	5.9	165.3	291.8
653.9	L	07 5B6						643.7	-98.5	6.2	165.3	292.4
657.7	S			CS2		76. 185.		647.3	-99.4	6.6	165.4	293.3
664.1	L	08 5A6						653.5	-100.9	7.2	165.4	294.9
664.1	S			CS2		81. 185.		653.5	-100.9	7.2	165.4	294.9
670.3	S			CS2		78. 185.		659.5	-102.3	7.9	165.5	296.4
670.6	R							659.8	-102.4	7.9	165.5	296.5
676.8	S			CS2		75. 185.		665.8	-103.8	8.6	165.5	296.5
682.7	S			CS2		75. 185.		671.5	-105.1	9.3	165.5	296.5
684.2	L	09 5B6						673.0	-105.4	9.5	165.5	296.5
684.2	R							673.0	-105.4	9.5	165.5	296.5

FINISHED -- LENGTH = 684.20 METERS ENTRIES = 288

****
* DDH: 78-X-10 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 267
POINTS = 266 MAX DDH DEPTH = 705.0 METERS
MAX TRUE DEPTH = 695.5 METERS
EASTING: -59.7 - .3 METERS
NORTHING: -15.7 - 40.5 METERS

TYPE C DATA (CONTACTS) ----- 97
TYPE F DATA (PLANES) ------- 109
TYPE P DATA (SAMPLES) ------ 0
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 35
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT		SEQ	DDH METERS	RKUNIT		SEQ	DDH METERS	RKUNIT		SEQ	DDH METERS	RKUNIT	
1	3.7	01	#	26	121.8	26	5D3	51	403.4	51	5D3	76	564.8	76	5DB
2	25.0	02	#	27	127.8	27	5B0	52	408.4	52	5B7	77	570.2	77	5D6
3	25.8	03	5D3	28	128.2	28	5D3	53	424.4	53	5D3	78	576.7	78	5B7
4	43.1	04	5B0	29	129.7	29	5B7	54	427.2	54	5B7	79	578.1	79	5D0
5	44.6	05	5D3	30	133.8	30	5D3	55	433.7	55	5B2	80	581.1	80	5B7
6	46.8	06	5C3	31	138.4	31	5B7	56	439.9	56	5B7	81	583.2	81	5D3
7	47.2	07	5D3	32	141.4	32	5B6	57	448.7	57	5D3	82	586.2	82	5B7
8	48.4	08	5B2	33	164.4	33	5B2	58	460.5	58	5B7	83	591.4	83	5D6
9	48.7	09	5D3	34	184.6	34	5B7	59	465.8	59	5D3	84	593.0	84	5B7
10	49.8	10	5C3	35	231.0	35	5B0	60	483.4	60	5B0	85	596.2	85	5D6
11	50.7	11	5D3	36	237.0	36	5B7	61	485.5	61	5D3	86	599.5	86	5D6
12	72.6	12	5B0	37	252.0	37	5B0	62	493.4	62	5B7	87	601.2	87	5D6
13	73.4	13	5D3	38	282.2	38	5B0	63	507.0	63	5B0	88	603.0	88	5D6
14	75.4	14	5C3	39	308.0	39	5B7	64	507.3	64	5D3	89	603.8	89	5A0
15	75.8	15	5D3	40	321.1	40	5B7	65	522.0	65	5B0	90	605.6	90	5D3
16	77.6	16	5C3	41	328.6	41	5BD	66	522.7	66	5B0	91	607.8	91	5B6
17	82.1	17	5D3	42	332.8	42	5B0	67	536.9	67	5B0	92	610.9	92	5BD
18	82.7	18	5B6	43	335.0	43	5D6	68	537.4	68	5GD	93	620.2	93	5D3
19	86.9	19	5C6	44	337.5	44	5B7	69	540.8	69	5B0	94	620.9	94	5B7
20	95.6	20	5C6	45	339.8	45	5B7	70	544.7	70	5B7	95	626.6	95	5D3
21	104.6	21	5C6	46	355.1	46	5B7	71	547.1	71	5B6	96	703.9	96	5B7
22	113.7	22	5C6	47	356.0	47	5D3	72	549.2	72	5A0	97	705.0	97	5D3
23	115.0	23	5C3	48	369.5	48	5B0	73	550.8	73	5D6				
24	115.5	24	5D6	49	379.4	49	5D3	74	559.3	74	5A0				
25	120.8	25	5B7	50	390.0	50	5B7	75	559.6	75	4C7				

PROGRAM COMMAND: PLOTA,1000,015

```
**************************
*     DDH:  78-X-10     *    START PLOT NUMBER  1
**************************

      PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.67 -    .93 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  27.38 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   705.0 METERS     J =   1 - 266

      MAX PAPER WIDTH REQUIRED:   31.0 INCHES

*****  PLOT NUMBER  1 FINISHED  *****
```

PROGRAM COMMAND: PLOTB,1000,015

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**************************
*     DDH:  78-X-10     *    START PLOT NUMBER  2
**************************

      PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

      PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

      PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

      X-AXIS PLOT LIMITS:   -.67 -    .93 (INCHES)
      Y-AXIS BOREHOLE LENGTH:  27.38 (INCHES)

      BOREHOLE LIMITS FOR PLOTTING:    0.  -   705.0 METERS     J =   1 - 266

      MAX PAPER WIDTH REQUIRED:   31.0 INCHES
```

****
* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
25.2	179.2	115.2						66.	185.	24.0	185.0	-23.7	-.18	-.08
32.0	178.9	142.4						66.	185.	23.2	185.0	-22.9	-.18	-.08
38.4	178.5	155.0						72.	185.	16.7	185.0	-16.4	-.19	-.06
44.5	178.1	167.0						67.	185.	21.2	185.0	-20.9	-.19	-.07
50.6	177.7	179.1						67.	185.	20.7	185.0	-20.4	-.19	-.07
56.7	177.3	191.1						73.	185.	14.3	185.0	-14.1	-.19	-.05
62.6	176.9	199.6						68.	185.	19.0	185.0	-18.7	-.19	-.06
68.8	176.4	199.6						64.	185.	22.5	185.0	-22.2	-.19	-.08
74.9	175.9	199.6						73.	185.	13.0	185.0	-12.8	-.20	-.04
80.9	175.4	199.6						72.	185.	13.5	185.0	-13.3	-.19	-.05
85.4	175.0	199.6						68.	185.	17.1	185.0	-16.9	-.19	-.06
96.6	174.6	199.3						55.	185.	29.7	185.0	-29.4	-.17	-.10
101.5	174.7	199.0						42.	185.	42.8	185.0	-42.4	-.15	-.13
108.0	174.8	198.6						48.	185.	36.9	185.0	-36.5	-.16	-.12
115.2	174.9	198.1						60.	185.	25.0	185.0	-24.7	-.18	-.08
119.0	175.0	197.9						63.	185.	22.1	185.0	-21.8	-.19	-.07
126.5	174.8	197.1						72.	185.	12.9	185.0	-12.7	-.20	-.04
132.9	174.6	196.2						78.	185.	6.7	185.0	-6.6	-.20	-.02
142.0	174.2	194.9						70.	185.	14.3	185.0	-14.1	-.19	-.05
148.1	174.0	194.1						64.	185.	20.1	185.0	-19.8	-.19	-.07
154.2	173.8	194.0						80.	185.	3.8	185.0	-3.8	-.20	-.01
160.3	174.0	195.5						79.	185.	5.0	185.0	-5.0	-.20	-.02
166.4	174.1	197.1						74.	185.	10.2	185.0	-10.0	-.20	-.03
172.2	174.3	198.6						64.	185.	20.4	185.0	-20.1	-.19	-.07
178.5	174.4	200.2						74.	185.	10.5	185.0	-10.4	-.20	-.04
184.7	174.6	201.7						72.	185.	12.8	185.0	-12.6	-.20	-.04
190.8	174.9	203.2						73.	185.	12.1	185.0	-11.9	-.20	-.04
196.9	175.3	204.7						90.	185.					
203.0	175.6	206.2						85.	185.					
209.1	176.0	207.7						85.	185.					
215.1	176.2	210.8						68.	185.	18.5	185.0	-18.3	-.19	-.06
221.3	176.3	218.4						70.	185.	16.8	185.0	-16.6	-.19	-.06
226.8	176.3	225.2						83.	185.	3.8	185.0	-3.7	-.20	-.01
232.9	176.4	232.8						83.	185.	4.1	185.0	-4.0	-.20	-.01
238.9	176.5	240.2						73.	185.	14.8	185.0	-14.5	-.19	-.05
244.1	176.5	246.5						80.	185.	7.8	185.0	-7.7	-.20	-.03
250.2	176.6	252.5						80.	185.	8.2	185.0	-8.1	-.20	-.03
256.6	176.7	258.8						60.	185.	28.9	185.0	-28.6	-.18	-.10
263.1	176.8	265.2						67.	185.	22.2	185.0	-21.9	-.19	-.07
269.8	176.9	271.9						72.	185.	17.7	185.0	-17.5	-.19	-.06
276.0	176.9	277.0						75.	185.	14.7	185.0	-14.5	-.19	-.05

****
* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
282.0	176.7	279.5						54.	185.	36.1	185.0	-35.7	-.16	-.12
288.5	176.5	282.3						75.	185.	14.6	185.0	-14.4	-.19	-.05
294.2	176.3	284.7						76.	185.	13.5	185.0	-13.3	-.19	-.05
300.5	176.1	287.3						85.	185.					
306.4	176.0	289.2						79.	185.	10.3	185.0	-10.2	-.20	-.04
311.5	176.2	289.7						78.	185.	12.4	185.0	-12.2	-.20	-.04
317.7	176.3	290.2						69.	185.	21.7	185.0	-21.4	-.19	-.07
324.9	176.5	290.8						65.	185.	25.7	185.0	-25.4	-.18	-.09
331.0	176.7	291.3						85.	185.					
337.5	176.9	292.9						75.	185.	15.7	185.0	-15.4	-.19	-.05
342.0	177.0	295.3						83.	185.	6.5	185.0	-6.4	-.20	-.02
348.0	177.2	298.6						78.	185.	12.8	185.0	-12.7	-.20	-.04
354.5	177.4	302.1						77.	185.	14.0	185.0	-13.8	-.19	-.05
360.6	177.6	305.4						82.	185.	7.8	185.0	-7.7	-.20	-.03
366.3	177.7	308.2						80.	185.	11.1	185.0	-10.9	-.20	-.04
372.8	177.0	308.4						76.	185.	15.4	185.0	-15.2	-.19	-.05
379.8	176.1	308.7						77.	185.	14.8	185.0	-14.5	-.19	-.05
385.7	175.4	308.9						76.	185.	16.0	185.0	-15.8	-.19	-.05
392.0	174.7	309.1						73.	185.	19.4	185.0	-19.1	-.19	-.07
398.0	174.0	309.3						65.	185.	27.9	185.0	-27.6	-.18	-.09
404.1	173.3	309.6						75.	185.	17.8	185.0	-17.5	-.19	-.06
410.5	172.6	309.9						67.	185.	26.5	185.0	-26.1	-.18	-.09
416.3	172.0	310.1						63.	185.	30.9	185.0	-30.5	-.17	-.10
422.4	171.3	310.4						74.	185.	19.4	185.0	-19.2	-.19	-.07
427.9	170.7	310.6						73.	185.	20.7	185.0	-20.4	-.19	-.07
434.6	170.3	310.9						74.	185.	19.7	185.0	-19.4	-.19	-.07
440.7	170.0	311.1						71.	185.	23.2	185.0	-22.9	-.18	-.08
446.7	169.6	311.3						78.	185.	14.8	185.0	-14.6	-.19	-.05
452.9	169.3	311.5						78.	185.	14.8	185.0	-14.6	-.19	-.05
458.9	168.8	311.7						79.	185.	.3	185.0	-.3	-.20	-.00
										13.2	185.0	-13.0	-.19	-.04
465.1	168.2	311.9						74.	185.	20.1	185.0	-19.9	-.19	-.07
471.2	167.5	312.0						75.	185.	18.9	185.0	-18.6	-.19	-.06
477.3	166.9	312.1						80.	185.					
483.4	166.3	312.2						78.	185.	3.3	185.0	-3.2	-.20	-.01
										13.5	185.0	-13.3	-.19	-.05
489.2	165.8	312.4						75.	185.	18.7	185.0	-18.5	-.19	-.06
495.4	165.6	312.9						79.	185.					
501.5	165.4	313.3						75.	185.	19.0	185.0	-18.7	-.19	-.06
507.6	165.3	313.8						73.	185.	22.0	185.0	-21.7	-.19	-.07
512.9	165.1	314.2						80.	185.					

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* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
519.0	165.0	314.7					72. 185.	23.7	185.0	-23.3	-.18	-.08
526.0	164.7	315.3					81. 185.					
532.2	164.4	315.8					74. 185.	21.3	185.0	-21.0	-.19	-.07
538.3	164.2	316.4					78. 185.	8.3	185.0	-8.2	-.20	-.03
								12.9	185.0	-12.7	-.20	-.04
544.2	164.0	316.9					71. 185.	25.8	185.0	-25.5	-.18	-.09
559.5	164.2	318.0					80. 185.					
564.8	164.4	318.3					82. 185.					
576.9	164.9	319.1					49. 185.	50.4	185.0	-50.0	-.13	-.15
582.1	165.1	319.5					65. 185.	33.4	185.0	-33.0	-.17	-.11
587.0	165.3	319.9					72. 185.	25.3	185.0	-25.0	-.18	-.08
592.2	165.5	320.4					75. 185.	21.6	185.0	-21.3	-.19	-.07
598.0	165.7	320.9					67. 185.	31.2	185.0	-30.9	-.17	-.10
604.1	166.0	321.4					80. 185.	7.4	185.0	-7.3	-.20	-.03
								13.0	185.0	-12.8	-.19	-.04
610.2	166.2	322.0					76. 185.	20.6	185.0	-20.4	-.19	-.07
616.0	166.4	323.0					78. 185.	2.3	185.0	-2.2	-.20	-.01
								18.1	185.0	-17.8	-.19	-.06
622.1	166.5	324.1					81. 185.	8.4	185.0	-8.2	-.20	-.03
								12.2	185.0	-12.0	-.20	-.04
628.5	166.7	325.2					73. 185.	25.1	185.0	-24.8	-.18	-.08
634.6	166.9	326.2					77. 185.	.1	185.0	-.1	-.20	-.00
								20.4	185.0	-20.1	-.19	-.07
641.0	167.0	327.2					72. 185.	26.6	185.0	-26.2	-.18	-.09
647.2	166.8	327.5					73. 185.	25.6	185.0	-25.3	-.18	-.09
654.1	166.5	327.8					77. 185.	.6	185.0	-.6	-.20	-.00
								21.0	185.0	-20.7	-.19	-.07
660.2	166.3	328.1					73. 185.	26.0	185.0	-25.6	-.18	-.09
666.3	166.1	328.4					64. 185.	36.0	185.0	-35.6	-.16	-.12
672.4	165.9	328.7					62. 185.	38.3	185.0	-37.9	-.16	-.12
678.5	165.6	329.1					72. 185.	27.7	185.0	-27.4	-.18	-.09
684.5	165.4	329.4					82. 185.					
689.7	165.1	329.7					71. 185.	29.3	185.0	-28.9	-.18	-.10
695.5	164.9	330.1					80. 185.	7.3	185.0	-7.2	-.20	-.03
								17.6	185.0	-17.4	-.19	-.06
701.9	164.6	330.4					80. 185.	7.8	185.0	-7.7	-.20	-.03
								17.8	185.0	-17.5	-.19	-.06

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

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*     DDH:  78-X-10     *     START PLOT NUMBER  3
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PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -2.68 - .02 (INCHES)
Y-AXIS BOREHOLE LENGTH: 27.38 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 705.0 METERS J = 1 - 266

MAX PAPER WIDTH REQUIRED: 31.0 INCHES

****
* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)					
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP	CA DIPD	DIP DIPD		AP-DIP	H	V
25.2	179.2	115.2									
32.0	178.9	142.4				66. 185.	24.0	185.0	4.4	.20	.02
38.4	178.5	155.0				66. 185.	23.2	185.0	4.3	.20	.01
44.5	178.1	167.0				72. 185.	16.7	185.0	3.0	.20	.01
50.6	177.7	179.1				67. 185.	21.2	185.0	3.9	.20	.01
56.7	177.3	191.1				67. 185.	20.7	185.0	3.8	.20	.01
62.6	176.9	199.6				73. 185.	14.3	185.0	2.5	.20	.01
68.8	176.4	199.6				68. 185.	19.0	185.0	3.4	.20	.01
74.9	175.9	199.6				64. 185.	22.5	185.0	4.1	.20	.01
80.9	175.4	199.6				73. 185.	13.0	185.0	2.3	.20	.01
85.4	175.0	199.6				72. 185.	13.5	185.0	2.4	.20	.01
96.6	174.6	199.3				68. 185.	17.1	185.0	3.1	.20	.01
101.5	174.7	199.0				55. 185.	29.7	185.0	5.7	.20	.02
108.0	174.8	198.6				42. 185.	42.8	185.0	9.1	.20	.03
115.2	174.9	198.1				48. 185.	36.9	185.0	7.4	.20	.03
119.0	175.0	197.9				60. 185.	25.0	185.0	4.6	.20	.02
126.5	174.8	197.1				63. 185.	22.1	185.0	4.0	.20	.01
132.9	174.6	196.2				72. 185.	12.9	185.0	2.3	.20	.01
142.0	174.2	194.9				78. 185.	6.7	185.0	1.2	.20	.00
148.1	174.0	194.1				70. 185.	14.3	185.0	2.5	.20	.01
154.2	173.8	194.0				64. 185.	20.1	185.0	3.6	.20	.01
160.3	174.0	195.5				80. 185.	3.8	185.0	.7	.20	.00
166.4	174.1	197.1				79. 185.	5.0	185.0	.9	.20	.00
172.2	174.3	198.6				74. 185.	10.2	185.0	1.8	.20	.01
178.5	174.4	200.2				64. 185.	20.4	185.0	3.7	.20	.01
184.7	174.6	201.7				74. 185.	10.5	185.0	1.8	.20	.01
190.8	174.9	203.2				72. 185.	12.8	185.0	2.3	.20	.01
196.9	175.3	204.7				73. 185.	12.1	185.0	2.1	.20	.01
203.0	175.6	206.2				90. 185.					
209.1	176.0	207.7				85. 185.					
215.1	176.2	210.8				85. 185.					
221.3	176.3	218.4				68. 185.	18.5	185.0	3.3	.20	.01
226.8	176.3	225.2				70. 185.	16.8	185.0	3.0	.20	.01
232.9	176.4	232.8				83. 185.	3.8	185.0	.7	.20	.00
238.9	176.5	240.2				83. 185.	4.1	185.0	.7	.20	.00
244.1	176.5	246.5				73. 185.	14.8	185.0	2.6	.20	.01
250.2	176.6	252.5				80. 185.	7.8	185.0	1.4	.20	.00
256.6	176.7	258.8				80. 185.	8.2	185.0	1.4	.20	.01
263.1	176.8	265.2				60. 185.	28.9	185.0	5.5	.20	.02
269.8	176.9	271.9				67. 185.	22.2	185.0	4.1	.20	.01
276.0	176.9	277.0				72. 185.	17.7	185.0	3.2	.20	.01
						75. 185.	14.7	185.0	2.6	.20	.01

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* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
282.0	176.7	279.5					54. 185.	36.1	185.0	7.2	.20	.03
288.5	176.5	282.3					75. 185.	14.6	185.0	2.6	.20	.01
294.2	176.3	284.7					76. 185.	13.5	185.0	2.4	.20	.01
300.5	176.1	287.3					85. 185.					
306.4	176.0	289.2					79. 185.	10.3	185.0	1.8	.20	.01
311.5	176.2	289.7					78. 185.	12.4	185.0	2.2	.20	.01
317.7	176.3	290.2					69. 185.	21.7	185.0	3.9	.20	.01
324.9	176.5	290.8					65. 185.	25.7	185.0	4.8	.20	.02
331.0	176.7	291.3					85. 185.					
337.5	176.9	292.9					75. 185.	15.7	185.0	2.8	.20	.01
342.0	177.0	295.3					83. 185.	6.5	185.0	1.1	.20	.00
348.0	177.2	298.6					78. 185.	12.8	185.0	2.3	.20	.01
354.5	177.4	302.1					77. 185.	14.0	185.0	2.5	.20	.01
360.6	177.6	305.4					82. 185.	7.8	185.0	1.4	.20	.00
366.3	177.7	308.2					80. 185.	11.1	185.0	1.9	.20	.01
372.8	177.0	308.4					76. 185.	15.4	185.0	2.7	.20	.01
379.8	176.1	308.7					77. 185.	14.8	185.0	2.6	.20	.01
385.7	175.4	308.9					76. 185.	16.0	185.0	2.9	.20	.01
392.0	174.7	309.1					73. 185.	19.4	185.0	3.5	.20	.01
398.0	174.0	309.3					65. 185.	27.9	185.0	5.3	.20	.02
404.1	173.3	309.6					75. 185.	17.8	185.0	3.2	.20	.01
410.5	172.6	309.9					67. 185.	26.5	185.0	4.9	.20	.02
416.3	172.0	310.1					63. 185.	30.9	185.0	5.9	.20	.02
422.4	171.3	310.4					74. 185.	19.4	185.0	3.5	.20	.01
427.9	170.7	310.6					73. 185.	20.7	185.0	3.8	.20	.01
434.6	170.3	310.9					74. 185.	19.7	185.0	3.6	.20	.01
440.7	170.0	311.1					71. 185.	23.2	185.0	4.3	.20	.01
446.7	169.6	311.3					78. 185.	14.8	185.0	2.6	.20	.01
452.9	169.3	311.5					78. 185.	14.8	185.0	2.6	.20	.01
458.9	168.8	311.7					79. 185.	.3	185.0	.1	.20	.00
								13.2	185.0	2.3	.20	.01
465.1	168.2	311.9					74. 185.	20.1	185.0	3.6	.20	.01
471.2	167.5	312.0					75. 185.	18.9	185.0	3.4	.20	.01
477.3	166.9	312.1					80. 185.					
483.4	166.3	312.2					78. 185.	3.3	185.0	.6	.20	.00
								13.5	185.0	2.4	.20	.01
489.2	165.8	312.4					75. 185.	18.7	185.0	3.4	.20	.01
495.4	165.6	312.9					79. 185.					
501.5	165.4	313.3					75. 185.	19.0	185.0	3.4	.20	.01
507.6	165.3	313.8					73. 185.	22.0	185.0	4.0	.20	.01
512.9	165.1	314.2					80. 185.					

****
* DDH: 78-X-10 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)				S2 PLANE (PLOTTED)				PLOT PARAMETERS	
			OBSERVED	CALCULATED			OBSERVED	CALCULATED				
METERS	Z-ANG	AZ	CA DIPD	DIP	DIPD	AP-DIP	CA DIPD	DIP	DIPD	AP-DIP	H	V
519.0	165.0	314.7					72. 185.	23.7	185.0	4.4	.20	.02
526.0	164.7	315.3					81. 185.					
532.2	164.4	315.8					74. 185.	21.3	185.0	3.9	.20	.01
538.3	164.2	316.4					78. 185.	8.3	185.0	1.5	.20	.01
								12.9	185.0	2.3	.20	.01
544.2	164.0	316.9					71. 185.	25.8	185.0	4.8	.20	.02
559.5	164.2	318.0					80. 185.					
564.8	164.4	318.3					82. 185.					
576.9	164.9	319.1					49. 185.	50.4	185.0	11.9	.20	.04
582.1	165.1	319.5					65. 185.	33.4	185.0	6.5	.20	.02
587.0	165.3	319.9					72. 185.	25.3	185.0	4.7	.20	.02
592.2	165.5	320.4					75. 185.	21.6	185.0	3.9	.20	.01
598.0	165.7	320.9					67. 185.	31.2	185.0	6.0	.20	.02
604.1	166.0	321.4					80. 185.	7.4	185.0	1.3	.20	.00
								13.0	185.0	2.3	.20	.01
610.2	166.2	322.0					76. 185.	20.6	185.0	3.7	.20	.01
616.0	166.4	323.0					78. 185.	2.3	185.0	.4	.20	.00
								18.1	185.0	3.2	.20	.01
622.1	166.5	324.1					81. 185.	8.4	185.0	1.5	.20	.01
								12.2	185.0	2.2	.20	.01
628.5	166.7	325.2					73. 185.	25.1	185.0	4.6	.20	.02
634.6	166.9	326.2					77. 185.	.1	185.0	.0	.20	.00
								20.4	185.0	3.7	.20	.01
641.0	167.0	327.2					72. 185.	26.6	185.0	5.0	.20	.02
647.2	166.8	327.5					73. 185.	25.6	185.0	4.8	.20	.02
654.1	166.5	327.8					77. 185.	.6	185.0	.1	.20	.00
								21.0	185.0	3.8	.20	.01
660.2	166.3	328.1					73. 185.	26.0	185.0	4.8	.20	.02
666.3	166.1	328.4					64. 185.	36.0	185.0	7.2	.20	.03
672.4	165.9	328.7					62. 185.	38.3	185.0	7.8	.20	.03
678.5	165.6	329.1					72. 185.	27.7	185.0	5.2	.20	.02
684.5	165.4	329.4					82. 185.					
689.7	165.1	329.7					71. 185.	29.3	185.0	5.6	.20	.02
695.5	164.9	330.1					80. 185.	7.3	185.0	1.3	.20	.00
								17.6	185.0	3.2	.20	.01
701.9	164.6	330.4					80. 185.	7.8	185.0	1.4	.20	.00
								17.8	185.0	3.2	.20	.01

***** PLOT NUMBER 3 FINISHED *****

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*      DDH:  78-X-10     *
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CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597334.5 NORTH: 6901383.0
ELEV: 1106.3

---- THE DRILLHOLE DATA FOLLOWS (DEPTHS ARE IN METERS) ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
    1 T78-X-10 01106.36901383.597334.5 METERS
    2 R78-X-10 00000        180.0 000.0 AT COLLAR
    3 R78-X-10 00305        179.0 139.4
    4 R78-X-10 00610        177.0 199.6
    5 R78-X-10 00914        174.5 199.6
    6 R78-X-10 01219        175.0 197.7
    7 R78-X-10 01524        173.8 193.5
    8 R78-X-10 01829        174.5 201.3
    9 R78-X-10 02134        176.2 208.7
   10 R78-X-10 02438        176.5 246.2
   11 R78-X-10 02743        177.0 276.3
   12 R78-X-10 03048        176.0 289.1
   13 R78-X-10 03353        176.8 291.7
   14 R78-X-10 03658        177.8 308.2
   15 R78-X-10 03962        174.2 309.2
   16 R78-X-10 04267        170.8 310.6
   17 R78-X-10 04572        169.0 311.7
   18 R78-X-10 04877        165.8 312.3
   19 R78-X-10 05182        165.0 314.6
   20 R78-X-10 05486        163.8 317.3
   21 R78-X-10 05791        165.0 319.2
   22 R78-X-10 06096        166.2 321.9
   23 R78-X-10 06401        167.0 327.2
   24 R78-X-10 06706        166.0 328.6
   25 R78-X-10 07010        164.6 330.4
   26 L78-X-10 00000 00037 01    #
   27 L78-X-10 00037 00250 02    #
   28 L78-X-10 00250 00258 03 5D3
   29 L78-X-10 00258 00431 04 5B0
   30 L78-X-10 00431 00446 05 5D3
   31 L78-X-10 00446 00468 06 5C3
   32 L78-X-10 00468 00472 07 5D3
   33 L78-X-10 00472 00484 08 5B2
   34 L78-X-10 00484 00487 09 5D3
   35 L78-X-10 00487 00498 10 5C3
   36 L78-X-10 00498 00507 11 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
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* DDH: 78-X-10 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
   37 L78-X-10 00507 00726 12 5B0
   38 L78-X-10 00726 00734 13 5D3
   39 L78-X-10 00734 00754 14 5C3
   40 L78-X-10 00754 00758 15 5D3
   41 L78-X-10 00758 00776 16 5C3
   42 L78-X-10 00776 00821 17 5D3
   43 L78-X-10 00821 00827 18 5B6
   44 L78-X-10 00827 00869 19 5C6
   45 L78-X-10 00869 00956 20 5C6
   46 L78-X-10 00956 01046 21 5C6
   47 L78-X-10 01046 01137 22 5C6
   48 L78-X-10 01137 01150 23 5C3
   49 L78-X-10 01150 01155 24 5D6
   50 L78-X-10 01155 01208 25 5B7
   51 L78-X-10 01208 01218 26 5D3
   52 L78-X-10 01218 01278 27 5B0
   53 L78-X-10 01278 01282 28 5D3
   54 L78-X-10 01282 01297 29 5B7
   55 L78-X-10 01297 01338 30 5D3
   56 L78-X-10 01338 01384 31 5B7
   57 L78-X-10 01384 01414 32 5B6
   58 L78-X-10 01414 01644 33 5B2
   59 L78-X-10 01644 01846 34 5B7
   60 L78-X-10 01846 02310 35 5B0
   61 L78-X-10 02310 02370 36 5B7
   62 L78-X-10 02370 02520 37 5B0
   63 L78-X-10 02520 02822 38 5B0
   64 L78-X-10 02822 03080 39 5B7
   65 L78-X-10 03080 03211 40 5B7
   66 L78-X-10 03211 03286 41 5BD
   67 L78-X-10 03286 03328 42 5B0
   68 L78-X-10 03328 03350 43 5D6
   69 L78-X-10 03350 03375 44 5B7
   70 L78-X-10 03375 03398 45 5B7
   71 L78-X-10 03398 03551 46 5B7
   72 L78-X-10 03551 03560 47 5D3
   73 L78-X-10 03560 03695 48 5B0
   74 L78-X-10 03695 03794 49 5D3
   75 L78-X-10 03794 03900 50 5B7
   76 L78-X-10 03900 04034 51 5D3
   77 L78-X-10 04034 04084 52 5B7
   78 L78-X-10 04084 04244 53 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

```
**************************
*      DDH:  78-X-10     *
**************************
```

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                  1         2         3         4         5         6         7         8
        1.........0.........0.........0.........0.........0.........0.........0.........0.
   79   L78-X-10 04244 04272 54 5B7
   80   L78-X-10 04272 04337 55 5B2
   81   L78-X-10 04337 04399 56 5B7
   82   L78-X-10 04399 04487 57 5D3
   83   L78-X-10 04487 04605 58 5B7
   84   L78-X-10 04605 04658 59 5D3
   85   L78-X-10 04658 04834 60 5B0
   86   L78-X-10 04834 04855 61 5D3
   87   L78-X-10 04855 04934 62 5B7
   88   L78-X-10 04934 05070 63 5B0
   89   L78-X-10 05070 05073 64 5D3
   90   L78-X-10 05073 05220 65 5B0
   91   L78-X-10 05220 05227 66 5B0
   92   L78-X-10 05227 05369 67 5B0
   93   L78-X-10 05369 05374 68 5GD
   94   L78-X-10 05374 05408 69 5B0
   95   L78-X-10 05408 05447 70 5B7
   96   L78-X-10 05447 05471 71 5B6
   97   L78-X-10 05471 05492 72 5A0
   98   L78-X-10 05492 05508 73 5D6
   99   L78-X-10 05508 05593 74 5A0
  100   L78-X-10 05593 05596 75 4C7
  101   L78-X-10 05596 05648 76 5D8
  102   L78-X-10 05648 05702 77 5D6
  103   L78-X-10 05702 05767 78 5B7
  104   L78-X-10 05767 05781 79 5D0
  105   L78-X-10 05781 05811 80 5B7
  106   L78-X-10 05811 05832 81 5D3
  107   L78-X-10 05832 05862 82 5B7
  108   L78-X-10 05862 05914 83 5D6
  109   L78-X-10 05914 05930 84 5B7
  110   L78-X-10 05930 05962 85 5D6
  111   L78-X-10 05962 05995 86 5D6
  112   L78-X-10 05995 06012 87 5D6
  113   L78-X-10 06012 06030 88 5D6
  114   L78-X-10 06030 06038 89 5A0
  115   L78-X-10 06038 06056 90 5D3
  116   L78-X-10 06056 06078 91 5B6
  117   L78-X-10 06078 06109 92 5BD
  118   L78-X-10 06109 06202 93 5D3
  119   L78-X-10 06202 06209 94 5B7
  120   L78-X-10 06209 06266 95 5D3
        1.........1.........2.........3.........4.........5.........6.........7.........8
                  0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-10 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
  121  L78-X-10 06266 07039 96 5B7
  122  L78-X-10 07039 07050 97 5D3
  123  S78-X-10       00252 CS2        66185
  124  S78-X-10       00320 CS2        66185
  125  S78-X-10       00384 CS2        72185
  126  S78-X-10       00445 CS2        67185
  127  S78-X-10       00506 CS2        67185
  128  S78-X-10       00567 CS2        73185
  129  S78-X-10       00626 CS2        68185
  130  S78-X-10       00688 CS2        64185
  131  S78-X-10       00749 CS2        73185
  132  S78-X-10       00809 CS2        72185
  133  S78-X-10       00854 CS2        68185
  134  S78-X-10       00966 CS2        55185
  135  S78-X-10       01015 CS2        42185
  136  S78-X-10       01080 CS2        48185
  137  S78-X-10       01152 CS2        60185
  138  S78-X-10       01190 CS2        63185
  139  S78-X-10       01265 CS2        72185
  140  S78-X-10       01329 CS2        78185
  141  S78-X-10       01420 CS2        70185
  142  S78-X-10       01481 CS2        64185
  143  S78-X-10       01542 CS2        80185
  144  S78-X-10       01603 CS2        79185
  145  S78-X-10       01664 CS2        74185
  146  S78-X-10       01722 CS2        64185
  147  S78-X-10       01785 CS2        74185
  148  S78-X-10       01847 CS2        72185
  149  S78-X-10       01908 CS2        73185
  150  S78-X-10       01969 CS2        90185
  151  S78-X-10       02030 CS2        85185
  152  S78-X-10       02091 CS2        85185
  153  S78-X-10       02151 CS2        68185
  154  S78-X-10       02213 CS2        70185
  155  S78-X-10       02268 CS2        83185
  156  S78-X-10       02329 CS2        83185
  157  S78-X-10       02389 CS2        73185
  158  S78-X-10       02441 CS2        80185
  159  S78-X-10       02502 CS2        80185
  160  S78-X-10       02566 CS2        60185
  161  S78-X-10       02631 CS2        67185
  162  S78-X-10       02698 CS2        72185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-10 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1.....0.....0.....0.....0.....0.....0.....0.....0.
  163  S78-X-10       02760 CS2       75185
  164  S78-X-10       02820 CS2       54185
  165  S78-X-10       02885 CS2       75185
  166  S78-X-10       02942 CS2       76185
  167  S78-X-10       03005 CS2       85185
  168  S78-X-10       03064 CS2       79185
  169  S78-X-10       03115 CS2       78185
  170  S78-X-10       03177 CS2       69185
  171  S78-X-10       03249 CS2       65185
  172  S78-X-10       03310 CS2       85185
  173  S78-X-10       03375 CS2       75185
  174  S78-X-10       03420 CS2       83185
  175  S78-X-10       03480 CS2       78185
  176  S78-X-10       03545 CS2       77185
  177  S78-X-10       03606 CS2       82185
  178  S78-X-10       03663 CS2       80185
  179  S78-X-10       03728 CS2       76185
  180  S78-X-10       03798 CS2       77185
  181  S78-X-10       03857 CS2       76185
  182  S78-X-10       03920 CS2       73185
  183  S78-X-10       03980 CS2       65185
  184  S78-X-10       04041 CS2       75185
  185  S78-X-10       04105 CS2       67185
  186  S78-X-10       04163 CS2       63185
  187  S78-X-10       04224 CS2       74185
  188  S78-X-10       04279 CS2       73185
  189  S78-X-10       04346 CS2       74185
  190  S78-X-10       04407 CS2       71185
  191  S78-X-10       04467 CS2       78185
  192  S78-X-10       04529 CS2       78185
  193  S78-X-10       04589 CS2       79185
  194  S78-X-10       04651 CS2       74185
  195  S78-X-10       04712 CS2       75185
  196  S78-X-10       04773 CS2       80185
  197  S78-X-10       04834 CS2       78185
  198  S78-X-10       04892 CS2       75185
  199  S78-X-10       04954 CS2       79185
  200  S78-X-10       05015 CS2       75185
  201  S78-X-10       05076 CS2       73185
  202  S78-X-10       05129 CS2       80185
  203  S78-X-10       05190 CS2       72185
  204  S78-X-10       05260 CS2       81185
       1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-10 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
           1....0....0....0....0....0....0....0....0....0....0....0....0....0....0....0.
    205  S78-X-10        05322 CS2         74185
    206  S78-X-10        05383 CS2         78185
    207  S78-X-10        05442 CS2         71185
    208  S78-X-10        05595 CS2         80185
    209  S78-X-10        05648 CS2         82185
    210  S78-X-10        05769 CS2         49185
    211  S78-X-10        05821 CS2         65185
    212  S78-X-10        05870 CS2         72185
    213  S78-X-10        05922 CS2         75185
    214  S78-X-10        05980 CS2         67185
    215  S78-X-10        06041 CS2         80185
    216  S78-X-10        06102 CS2         76185
    217  S78-X-10        06160 CS2         78185
    218  S78-X-10        06221 CS2         81185
    219  S78-X-10        06285 CS2         73185
    220  S78-X-10        06346 CS2         77185
    221  S78-X-10        06410 CS2         72185
    222  S78-X-10        06472 CS2         73185
    223  S78-X-10        06541 CS2         77185
    224  S78-X-10        06602 CS2         73185
    225  S78-X-10        06663 CS2         64185
    226  S78-X-10        06724 CS2         62185
    227  S78-X-10        06785 CS2         72185
    228  S78-X-10        06845 CS2         82185
    229  S78-X-10        06897 CS2         71185
    230  S78-X-10        06955 CS2         80185
    231  S78-X-10        07019 CS2         80185
           1....1....2....3....4....5....6....7....8
                0    0    0    0    0    0    0    0
```

DDH: 78-X-10 -- SUMMARY OF DATA INPUT

RECORDS READ = 231   RELEASED TO SORT 266
TYPE-L = 97
TYPE-P = 0
TYPE-R = 24
TYPE-S = 109
TYPE-X = 35
TYPE-A = 0
TYPE-V = 0   (GENERATED TO DEPTH: 700.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 705.0 METERS

****
* DDH: 78-X-10 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597334.5 NORTH: 6901383.0
ELEV: 1106.3

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	0.	-	139.40	

HOLE ASSUMED VERTICAL AT DEPTH .00

BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.00	-	177.00	
	AZIMUTH:	139.40	-	199.60	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	177.00	-	174.50	
	AZIMUTH:	199.60	-	199.60	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	174.50	-	175.00	
	AZIMUTH:	199.60	-	197.70	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	175.00	-	173.80	
	AZIMUTH:	197.70	-	193.50	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	173.80	-	174.50	
	AZIMUTH:	193.50	-	201.30	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	174.50	-	176.20	
	AZIMUTH:	201.30	-	208.70	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	176.20	-	176.50	
	AZIMUTH:	208.70	-	246.20	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	176.50	-	177.00	
	AZIMUTH:	246.20	-	276.30	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	177.00	-	176.00	
	AZIMUTH:	276.30	-	289.10	

BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	176.00	-	176.80	
	AZIMUTH:	289.10	-	291.70	
BOREHOLE SECTION 12 --	DEPTH:	335.30	-	365.80	METERS
	ZENITH ANG:	176.80	-	177.80	
	AZIMUTH:	291.70	-	308.20	
BOREHOLE SECTION 13 --	DEPTH:	365.80	-	396.20	METERS
	ZENITH ANG:	177.80	-	174.20	
	AZIMUTH:	308.20	-	309.20	
BOREHOLE SECTION 14 --	DEPTH:	396.20	-	426.70	METERS
	ZENITH ANG:	174.20	-	170.80	
	AZIMUTH:	309.20	-	310.60	
BOREHOLE SECTION 15 --	DEPTH:	426.70	-	457.20	METERS
	ZENITH ANG:	170.80	-	169.00	
	AZIMUTH:	310.60	-	311.70	
BOREHOLE SECTION 16 --	DEPTH:	457.20	-	487.70	METERS
	ZENITH ANG:	169.00	-	165.80	
	AZIMUTH:	311.70	-	312.30	
BOREHOLE SECTION 17 --	DEPTH:	487.70	-	518.20	METERS
	ZENITH ANG:	165.80	-	165.00	
	AZIMUTH:	312.30	-	314.60	
BOREHOLE SECTION 18 --	DEPTH:	518.20	-	548.60	METERS
	ZENITH ANG:	165.00	-	163.80	
	AZIMUTH:	314.60	-	317.30	
BOREHOLE SECTION 19 --	DEPTH:	548.60	-	579.10	METERS
	ZENITH ANG:	163.80	-	165.00	
	AZIMUTH:	317.30	-	319.20	
BOREHOLE SECTION 20 --	DEPTH:	579.10	-	609.60	METERS
	ZENITH ANG:	165.00	-	166.20	
	AZIMUTH:	319.20	-	321.90	
BOREHOLE SECTION 21 --	DEPTH:	609.60	-	640.10	METERS
	ZENITH ANG:	166.20	-	167.00	
	AZIMUTH:	321.90	-	327.20	
BOREHOLE SECTION 22 --	DEPTH:	640.10	-	670.60	METERS
	ZENITH ANG:	167.00	-	166.00	
	AZIMUTH:	327.20	-	328.60	
BOREHOLE SECTION 23 --	DEPTH:	670.60	-	701.00	METERS
	ZENITH ANG:	166.00	-	164.60	
	AZIMUTH:	328.60	-	330.40	
BOREHOLE SECTION 24 --	DEPTH:	701.00	-	705.00	METERS
	ZENITH ANG:	164.60	-	164.60	

AZIMUTH: 330.40 - 330.40

FINISHED -- BOREHOLE LENGTH = 705.00 METERS
FILE SIZE = 267

****
* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R							0.	0.	0.	180.0	0.
3.7	L	01 #						3.7	.0	-.0	179.9	16.9
25.0	L	02 #						25.0	.1	-.2	179.2	114.3
25.2	S			CS2			66. 185.	25.2	.1	-.2	179.2	115.2
25.8	L	03 5D3						25.8	.1	-.2	179.2	117.9
30.5	R							30.5	.1	-.2	179.0	139.4
32.0	S			CS2			66. 185.	32.0	.1	-.2	178.9	142.4
38.4	S			CS2			72. 185.	38.4	.2	-.4	178.5	155.0
43.1	L	04 5B0						43.1	.2	-.5	178.2	164.3
44.5	S			CS2			67. 185.	44.5	.3	-.5	178.1	167.0
44.6	L	05 5D3						44.6	.3	-.5	178.1	167.2
46.8	L	06 5C3						46.8	.3	-.6	177.9	171.6
47.2	L	07 5D3						47.2	.3	-.6	177.9	172.4
48.4	L	08 5B2						48.4	.3	-.7	177.8	174.7
48.7	L	09 5D3						48.7	.3	-.7	177.8	175.3
49.8	L	10 5C3						49.8	.3	-.7	177.7	177.5
50.6	S			CS2			67. 185.	50.6	.3	-.8	177.7	179.1
50.7	L	11 5D3						50.7	.3	-.8	177.7	179.3
56.7	S			CS2			73. 185.	56.7	.3	-1.0	177.3	191.1
61.0	R							61.0	.2	-1.2	177.0	199.6
62.6	S			CS2			68. 185.	62.6	.2	-1.3	176.9	199.6
68.8	S			CS2			64. 185.	68.8	.1	-1.7	176.4	199.6
72.6	L	12 5B0						72.6	-.0	-1.9	176.0	199.6
73.4	L	13 5D3						73.4	-.0	-1.9	176.0	199.6
74.9	S			CS2			73. 185.	74.9	-.1	-2.0	175.9	199.6
75.4	L	14 5C3						75.3	-.1	-2.1	175.8	199.6
75.8	L	15 5D3						75.7	-.1	-2.1	175.8	199.6
77.6	L	16 5C3						77.5	-.2	-2.2	175.6	199.6
80.9	S			CS2			72. 185.	80.8	-.2	-2.5	175.4	199.6
82.1	L	17 5D3						82.0	-.3	-2.6	175.3	199.6
82.7	L	18 5B6						82.6	-.3	-2.6	175.2	199.6
85.4	S			CS2			68. 185.	85.3	-.4	-2.8	175.0	199.6
86.9	L	19 5C6						86.8	-.4	-3.0	174.9	199.6

****
* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
91.4	R							91.3	-.5	-3.4	174.5	199.6
95.6	L	20 5C6						95.5	-.7	-3.7	174.6	199.3
96.6	S			CS2			55. 185.	96.5	-.7	-3.8	174.6	199.3
101.5	S			CS2			42. 185.	101.3	-.9	-4.3	174.7	199.0
104.6	L	21 5C6						104.4	-1.0	-4.5	174.7	198.8
108.0	S			CS2			48. 185.	107.8	-1.1	-4.8	174.8	198.6
113.7	L	22 5C6						113.5	-1.2	-5.3	174.9	198.2
115.0	L	23 5C3						114.8	-1.3	-5.4	174.9	198.1
115.2	S			CS2			60. 185.	115.0	-1.3	-5.4	174.9	198.1
115.5	L	24 5D6						115.3	-1.3	-5.5	174.9	198.1
119.0	S			CS2			63. 185.	118.8	-1.4	-5.8	175.0	197.9
120.8	L	25 5B7						120.6	-1.4	-5.9	175.0	197.8
121.8	L	26 5D3						121.6	-1.4	-6.0	175.0	197.7
121.9	R							121.7	-1.4	-6.0	175.0	197.7
126.5	S			CS2			72. 185.	126.2	-1.6	-6.4	174.8	197.1
127.8	L	27 5B0						127.5	-1.6	-6.5	174.8	196.9
128.2	L	28 5D3						127.9	-1.6	-6.5	174.8	196.8
129.7	L	29 5B7						129.4	-1.6	-6.7	174.7	196.6
132.9	S			CS2			78. 185.	132.6	-1.7	-7.0	174.6	196.2
133.8	L	30 5D3						133.5	-1.8	-7.0	174.5	196.1
138.4	L	31 5B7						138.1	-1.9	-7.5	174.4	195.4
141.4	L	32 5B6						141.1	-2.0	-7.8	174.2	195.0
142.0	S			CS2			70. 185.	141.7	-2.0	-7.8	174.2	194.9
148.1	S			CS2			64. 185.	147.7	-2.1	-8.4	174.0	194.1
152.4	R							152.0	-2.2	-8.9	173.8	193.5
154.2	S			CS2			80. 185.	153.8	-2.3	-9.1	173.8	194.0
160.3	S			CS2			79. 185.	159.9	-2.4	-9.7	174.0	195.5
164.4	L	33 5B2						164.0	-2.6	-10.1	174.1	196.6
166.4	S			CS2			74. 185.	165.9	-2.6	-10.3	174.1	197.1
172.2	S			CS2			64. 185.	171.7	-2.8	-10.8	174.3	198.6
178.5	S			CS2			74. 185.	178.0	-3.0	-11.4	174.4	200.2

****
* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------				TRUE				
							S1	S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
182.9	R								182.4	-3.2	-11.8	174.5	201.3
184.6	L	34 5B7							184.1	-3.2	-12.0	174.6	201.7
184.7	S				CS2			72. 185.	184.2	-3.2	-12.0	174.6	201.7
190.8	S				CS2			73. 185.	190.2	-3.4	-12.5	174.9	203.2
196.9	S				CS2			90. 185.	196.3	-3.7	-13.0	175.3	204.7
203.0	S				CS2			85. 185.	202.4	-3.9	-13.4	175.6	206.2
209.1	S				CS2			85. 185.	208.5	-4.1	-13.8	176.0	207.7
213.4	R								212.8	-4.2	-14.1	176.2	208.7
215.1	S				CS2			68. 185.	214.5	-4.3	-14.2	176.2	210.8
221.3	S				CS2			70. 185.	220.6	-4.5	-14.5	176.3	218.4
226.8	S				CS2			83. 185.	226.1	-4.7	-14.8	176.3	225.2
231.0	L	35 5B0							230.3	-4.9	-14.9	176.4	230.4
232.9	S				CS2			83. 185.	232.2	-5.0	-15.0	176.4	232.8
237.0	L	36 5B7							236.3	-5.2	-15.2	176.4	237.8
238.9	S				CS2			73. 185.	238.2	-5.3	-15.2	176.5	240.2
243.8	R								243.1	-5.6	-15.4	176.5	246.2
244.1	S				CS2			80. 185.	243.4	-5.6	-15.4	176.5	246.5
250.2	S				CS2			80. 185.	249.5	-6.0	-15.5	176.6	252.5
252.0	L	37 5B0							251.3	-6.1	-15.5	176.6	254.3
256.6	S				CS2			60. 185.	255.9	-6.3	-15.6	176.7	258.8
263.1	S				CS2			67. 185.	262.4	-6.7	-15.6	176.8	265.2
269.8	S				CS2			72. 185.	269.1	-7.0	-15.7	176.9	271.9
274.3	R								273.5	-7.3	-15.6	177.0	276.3
276.0	S				CS2			75. 185.	275.2	-7.4	-15.6	176.9	277.0
282.0	S				CS2			54. 185.	281.2	-7.7	-15.6	176.7	279.5
282.2	L	38 5B0							281.4	-7.7	-15.6	176.7	279.6
288.5	S				CS2			75. 185.	287.7	-8.1	-15.5	176.5	282.3
294.2	S				CS2			76. 185.	293.4	-8.4	-15.4	176.3	284.7
300.5	S				CS2			85. 185.	299.7	-8.8	-15.3	176.1	287.3

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* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG	STRUCTURAL LOG		S1	S2	TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
304.8	R							304.0	-9.1	-15.2	176.0	289.1
306.4	S			CS2			79. 185.	305.6	-9.2	-15.2	176.0	289.2
308.0	L	39 5B7						307.2	-9.3	-15.1	176.1	289.4
311.5	S			CS2			78. 185.	310.7	-9.5	-15.1	176.2	289.7
317.7	S			CS2			69. 185.	316.9	-9.9	-14.9	176.3	290.2
321.1	L	40 5B7						320.3	-10.1	-14.9	176.4	290.5
324.9	S			CS2			65. 185.	324.0	-10.3	-14.8	176.5	290.8
328.6	L	41 5BD						327.7	-10.5	-14.7	176.6	291.1
331.0	S			CS2			85. 185.	330.1	-10.7	-14.6	176.7	291.3
332.8	L	42 5B0						331.9	-10.8	-14.6	176.7	291.5
335.0	L	43 5D6						334.1	-10.9	-14.6	176.8	291.7
335.3	R							334.4	-10.9	-14.6	176.8	291.7
337.5	L	44 5B7						336.6	-11.0	-14.5	176.9	292.9
337.5	S			CS2			75. 185.	336.6	-11.0	-14.5	176.9	292.9
339.8	L	45 5B7						338.9	-11.1	-14.5	176.9	294.1
342.0	S			CS2			83. 185.	341.1	-11.2	-14.4	177.0	295.3
348.0	S			CS2			78. 185.	347.1	-11.5	-14.3	177.2	298.6
354.5	S			CS2			77. 185.	353.6	-11.7	-14.1	177.4	302.1
355.1	L	46 5B7						354.2	-11.8	-14.1	177.4	302.4
356.0	L	47 5D3						355.1	-11.8	-14.1	177.5	302.9
360.6	S			CS2			82. 185.	359.7	-12.0	-14.0	177.6	305.4
365.8	R							364.9	-12.1	-13.8	177.8	308.2
366.3	S			CS2			80. 185.	365.4	-12.1	-13.8	177.7	308.2
369.5	L	48 5B0						368.6	-12.3	-13.8	177.4	308.3
372.8	S			CS2			76. 185.	371.9	-12.4	-13.7	177.0	308.4
379.4	L	49 5D3						378.5	-12.7	-13.4	176.2	308.6
379.8	S			CS2			77. 185.	378.9	-12.7	-13.4	176.1	308.7
385.7	S			CS2			76. 185.	384.8	-13.1	-13.1	175.4	308.9
390.0	L	50 5B7						389.0	-13.3	-12.9	174.9	309.0
392.0	S			CS2			73. 185.	391.0	-13.5	-12.8	174.7	309.1

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* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
396.2	R								395.2	-13.8	-12.5	174.2	309.2
398.0	S				CS2		65. 185.		397.0	-13.9	-12.4	174.0	309.3
403.4	L	51 5D3							402.4	-14.4	-12.0	173.4	309.5
404.1	S				CS2		75. 185.		403.1	-14.5	-12.0	173.3	309.6
408.4	L	52 5B7							407.3	-14.8	-11.6	172.8	309.8
410.5	S				CS2		67. 185.		409.4	-15.1	-11.5	172.6	309.9
416.3	S				CS2		63. 185.		415.2	-15.7	-11.0	172.0	310.1
422.4	S				CS2		74. 185.		421.2	-16.3	-10.4	171.3	310.4
424.4	L	53 5D3							423.2	-16.6	-10.2	171.1	310.5
426.7	R								425.5	-16.8	-10.0	170.8	310.6
427.2	L	54 5B7							425.9	-16.9	-9.9	170.8	310.6
427.9	S				CS2		73. 185.		426.6	-17.0	-9.8	170.7	310.6
433.7	L	55 5B2							432.4	-17.7	-9.2	170.4	310.9
434.6	S				CS2		74. 185.		433.2	-17.8	-9.1	170.3	310.9
439.9	L	56 5B7							438.5	-18.5	-8.5	170.0	311.1
440.7	S				CS2		71. 185.		439.3	-18.6	-8.4	170.0	311.1
446.7	S				CS2		78. 185.		445.2	-19.4	-7.7	169.6	311.3
448.7	L	57 5D3							447.1	-19.7	-7.5	169.5	311.4
452.9	S				CS2		78. 185.		451.3	-20.3	-7.0	169.3	311.5
457.2	R								455.5	-20.9	-6.4	169.0	311.7
458.9	S				CS2		79. 185.		457.1	-21.1	-6.2	168.8	311.7
460.5	L	58 5B7							458.7	-21.3	-6.0	168.7	311.8
465.1	S				CS2		74. 185.		463.2	-22.0	-5.4	168.2	311.9
465.8	L	59 5D3							463.9	-22.1	-5.3	168.1	311.9
471.2	S				CS2		75. 185.		469.2	-23.0	-4.5	167.5	312.0
477.3	S				CS2		80. 185.		475.1	-24.0	-3.6	166.9	312.1
483.4	L	60 5B0							481.1	-25.0	-2.7	166.3	312.2
483.4	S				CS2		78. 185.		481.1	-25.0	-2.7	166.3	312.2
485.5	L	61 5D3							483.1	-25.4	-2.4	166.0	312.3
487.7	R								485.2	-25.8	-2.0	165.8	312.3
489.2	S				CS2		75. 185.		486.7	-26.1	-1.7	165.8	312.4
493.4	L	62 5B7							490.8	-26.8	-1.0	165.7	312.7
495.4	S				CS2		79. 185.		492.7	-27.2	-.7	165.6	312.9
501.5	S				CS2		75. 185.		498.6	-28.3	.3	165.4	313.3

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* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG	STRUCTURAL LOG				TRUE				
						S1	S2					
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
507.0	L	63 5B0						503.9	-29.3	1.3	165.3	313.8
507.3	L	64 5D3						504.2	-29.4	1.3	165.3	313.8
507.6	S			CS2			73. 185.	504.5	-29.4	1.4	165.3	313.8
512.9	S			CS2			80. 185.	509.6	-30.4	2.3	165.1	314.2
518.2	R							514.8	-31.4	3.3	165.0	314.6
519.0	S			CS2			72. 185.	515.5	-31.5	3.4	165.0	314.7
522.0	L	65 5B0						518.4	-32.1	4.0	164.9	314.9
522.7	L	66 5B0						519.1	-32.2	4.1	164.8	315.0
526.0	S			CS2			81. 185.	522.3	-32.8	4.7	164.7	315.3
532.2	S			CS2			74. 185.	528.3	-34.0	5.9	164.4	315.8
536.9	L	67 5B0						532.8	-34.9	6.8	164.3	316.3
537.4	L	68 5GD						533.3	-35.0	6.9	164.2	316.3
538.3	S			CS2			78. 185.	534.1	-35.1	7.1	164.2	316.4
540.8	L	69 5B0						536.5	-35.6	7.6	164.1	316.6
544.2	S			CS2			71. 185.	539.8	-36.2	8.3	164.0	316.9
544.7	L	70 5B7						540.3	-36.3	8.4	164.0	317.0
547.1	L	71 5B6						542.6	-36.8	8.9	163.9	317.2
548.6	R							544.0	-37.1	9.2	163.8	317.3
549.2	L	72 5A0						544.6	-37.2	9.3	163.8	317.3
550.8	L	73 5D6						546.1	-37.5	9.6	163.9	317.4
559.3	L	74 5A0						554.3	-39.1	11.4	164.2	318.0
559.5	S			CS2			80. 185.	554.5	-39.1	11.4	164.2	318.0
559.6	L	75 4C7						554.6	-39.1	11.4	164.2	318.0
564.8	L	76 5DB						559.6	-40.0	12.5	164.4	318.3
564.8	S			CS2			82. 185.	559.6	-40.0	12.5	164.4	318.3
570.2	L	77 5D6						564.8	-41.0	13.5	164.6	318.6
576.7	L	78 5B7						571.1	-42.1	14.8	164.9	319.1
576.9	S			CS2			49. 185.	571.3	-42.2	14.9	164.9	319.1
578.1	L	79 5D0						572.4	-42.4	15.1	165.0	319.1
579.1	R							573.4	-42.5	15.3	165.0	319.2
581.1	L	80 5B7						575.3	-42.9	15.7	165.1	319.4
582.1	S			CS2			65. 185.	576.3	-43.0	15.9	165.1	319.5
583.2	L	81 5D3						577.4	-43.2	16.1	165.2	319.6
586.2	L	82 5B7						580.3	-43.7	16.7	165.3	319.8
587.0	S			CS2			72. 185.	581.0	-43.8	16.8	165.3	319.9
591.4	L	83 5D6						585.3	-44.6	17.7	165.5	320.3

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* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG	STRUCTURAL LOG -- S1			STRUCTURAL LOG -- S2		TRUE				
METERS	CODE	LITH	NO INT	FEAT	SYM	CA DIPD	CA DIPD		DEPTH	EASTING	NORTHING	Z	AZ
592.2	S			CS2			75. 185.		586.1	-44.7	17.8	165.5	320.4
593.0	L	84 5B7							586.9	-44.8	18.0	165.5	320.4
596.2	L	85 5D6							590.0	-45.3	18.6	165.7	320.7
598.0	S			CS2			67. 185.		591.7	-45.6	18.9	165.7	320.9
599.5	L	86 5D6							593.1	-45.8	19.2	165.8	321.0
601.2	L	87 5D6							594.8	-46.1	19.6	165.9	321.2
603.0	L	88 5D6							596.5	-46.4	19.9	165.9	321.3
603.8	L	89 5A0							597.3	-46.5	20.1	166.0	321.4
604.1	S			CS2			80. 185.		597.6	-46.5	20.1	166.0	321.4
605.6	L	90 5D3							599.1	-46.8	20.4	166.0	321.5
607.8	L	91 5B6							601.2	-47.1	20.8	166.1	321.7
609.6	R								602.9	-47.4	21.1	166.2	321.9
610.2	S			CS2			76. 185.		603.5	-47.4	21.3	166.2	322.0
610.9	L	92 5BD							604.2	-47.5	21.4	166.2	322.1
616.0	S			CS2			78. 185.		609.2	-48.3	22.3	166.4	323.0
620.2	L	93 5D3							613.3	-48.9	23.1	166.5	323.7
620.9	L	94 5B7							613.9	-49.0	23.3	166.5	323.9
622.1	S			CS2			81. 185.		615.1	-49.1	23.5	166.5	324.1
626.6	L	95 5D3							619.5	-49.7	24.3	166.6	324.9
628.5	S			CS2			73. 185.		621.3	-50.0	24.7	166.7	325.2
634.6	S			CS2			77. 185.		627.3	-50.8	25.9	166.9	326.2
640.1	R								632.6	-51.5	26.9	167.0	327.2
641.0	S			CS2			72. 185.		633.5	-51.6	27.1	167.0	327.2
647.2	S			CS2			73. 185.		639.5	-52.3	28.3	166.8	327.5
654.1	S			CS2			77. 185.		646.2	-53.2	29.6	166.5	327.8
660.2	S			CS2			73. 185.		652.2	-53.9	30.8	166.3	328.1
666.3	S			CS2			64. 185.		658.1	-54.7	32.0	166.1	328.4
670.6	R								662.3	-55.2	32.9	166.0	328.6
672.4	S			CS2			62. 185.		664.0	-55.5	33.3	165.9	328.7
678.5	S			CS2			72. 185.		669.9	-56.2	34.6	165.6	329.1
684.5	S			CS2			82. 185.		675.7	-57.0	35.9	165.4	329.4
689.7	S			CS2			71. 185.		680.8	-57.7	37.0	165.1	329.7
695.5	S			CS2			80. 185.		686.4	-58.4	38.3	164.9	330.1

****
* DDH: 78-X-10 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597334.5 METERS NORTH: 6901383.0 METERS ELEV: 1106.3 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD		DEPTH	EASTING	NORTHING	Z	AZ
701.0	R										691.7	-59.1	39.6	164.6	330.4
701.9	S				CS2				80. 185.		692.5	-59.3	39.8	164.6	330.4
703.9	L	96 SB7									694.5	-59.5	40.2	164.6	330.4
705.0	L	97 SD3									695.5	-59.7	40.5	164.6	330.4
705.0	R										695.5	-59.7	40.5	164.6	330.4

FINISHED -- LENGTH = 705.00 METERS ENTRIES = 267

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* DDH: 78-X-11 * PLOT OF CORRECTED DRILLHOLE DATA
****

DATA READ COMPLETED -- CARDS = 320
POINTS = 319 MAX DDH DEPTH = 716.2 METERS
MAX TRUE DEPTH = 703.4 METERS
EASTING: -79.7 - 0. METERS
NORTHING: 0. - 83.4 METERS

TYPE C DATA (CONTACTS) ----- 107
TYPE F DATA (PLANES) ------- 115
TYPE P DATA (SAMPLES) ------ 38
TYPE S DATA (SYMMETRY) ----- 0
TYPE X DATA (REF MARKERS) -- 35
TYPE A DATA (SAMPLE MARKERS) 0
TYPE V DATA (ASSAY VALUES)-- 0

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.7	01 #	28	344.1	28 5D3	55	467.2	55 4E0	82	596.8	82 5A1
2	17.4	02 5B2	29	347.5	29 5B7	56	468.6	56 5D3	83	597.9	83 5D3
3	19.0	03 5B2	30	350.9	30 5DB	57	479.4	57 4E"	84	609.3	84 4A0
4	35.7	04 5B2	31	356.9	31 5B0	58	494.5	58 5B7	85	617.2	85 4A0
5	41.3	05 5B6	32	357.9	32 5D3	59	496.3	59 5D3	86	618.3	86 4E0
6	46.0	06 5B0	33	360.2	33 5B0	60	502.8	60 5BD	87	619.6	87 4G4
7	56.8	07 5B6	34	364.9	34 5D3	61	510.6	61 5B7	88	625.2	88 4D4
8	61.1	08 5B2	35	366.3	35 5B7	62	534.5	62 5B6	89	634.1	89 4AD
9	74.3	09 5B0	36	368.3	36 5D3	63	536.6	63 5B2	90	636.0	90 5A1
10	76.5	10 5B6	37	371.8	37 5B7	64	538.9	64 5B6	91	641.0	91 4A0
11	85.9	11 5B6	38	374.1	38 0E8	65	541.4	65 5A3	92	644.5	92 5B6
12	148.4	12 5B0	39	396.0	39 0F0	66	550.2	66 5B6	93	646.6	93 5B0
13	149.7	13 5B0	40	397.6	40 0E8	67	560.1	67 4A0	94	654.2	94 5B6
14	151.3	14 5B0	41	401.1	41 5B7	68	562.3	68 4A0	95	655.1	95 5D6
15	151.9	15 5D0	42	403.6	42 5D3	69	564.1	69 5D3	96	669.8	96 5B6
16	155.5	16 5B0	43	404.8	43 5B7	70	565.7	70 5AD	97	671.1	97 5D3
17	162.9	17 5B6	44	415.8	44 5B0	71	567.2	71 4A0	98	673.3	98 5B7
18	165.3	18 5B6	45	418.1	45 5D3	72	568.7	72 5D6	99	674.5	99 5D3
19	185.5	19 5B0	46	424.0	46 5B7	73	569.7	73 4A0	100	675.5	00 5B7
20	188.8	20 5B6	47	425.6	47 5D3	74	573.9	74 5D6	101	676.3	01 5D3
21	200.8	21 5B0	48	432.2	48 5B7	75	574.8	75 4A0	102	681.0	02 5B6
22	220.2	22 5B2	49	433.9	49 5D3	76	576.0	76 5D6	103	684.3	03 5D3
23	309.1	23 5B0	50	449.5	50 5B7	77	583.1	77 5A1	104	687.3	04 5B2
24	310.5	24 5D3	51	460.7	51 5B0	78	587.5	78 4A0	105	690.6	05 5D3
25	332.8	25 5B0	52	461.1	52 0Q0	79	594.2	79 4A0	106	693.6	06 5B0
26	334.4	26 5E0	53	463.8	53 5D4	80	594.9	80 5A1	107	716.2	07 5B7
27	342.7	27 5B0	54	464.9	54 5D3	81	595.8	81 5D3			

```
PROGRAM COMMAND:  PLOTA,1000,015


                  **************************
                  *      DDH:  78-X-11     *     START PLOT NUMBER  1
                  **************************

                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

                        PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

                        X-AXIS PLOT LIMITS:   0.    -   2.36 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  27.69 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   716.2 METERS     J =   1 - 319

                        MAX PAPER WIDTH REQUIRED:   31.0 INCHES


                  *****  PLOT NUMBER  1 FINISHED  *****

PROGRAM COMMAND:  PLOTB,1000,015


                  **************************
                  *      DDH:  78-X-11     *     START PLOT NUMBER  2
                  **************************

                        PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

                        PROJECTION PLANE BEARS   15. DEGREES -- VIEW AZIMUTH: 285. DEGREES

                        PLOT SCALE IS AT A RATIO OF:  1:1000. =   25.4 METERS/INCH

                        X-AXIS PLOT LIMITS:   0.    -   2.36 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  27.69 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   716.2 METERS     J =   1 - 319

                        MAX PAPER WIDTH REQUIRED:   31.0 INCHES
```

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
5.4	179.8	344.8						78.	185.	12.0	185.0	-11.8	-.20	-.04
15.7	179.5	315.9						55.	185.	35.3	185.0	-34.9	-.16	-.11
20.0	179.3	303.9						66.	185.	24.0	185.0	-23.7	-.18	-.08
25.9	179.2	287.3						57.	185.	33.0	185.0	-32.6	-.17	-.11
33.0	178.9	276.5						70.	185.	20.0	185.0	-19.7	-.19	-.07
38.5	178.8	281.2						65.	185.	25.0	185.0	-24.6	-.18	-.08
43.0	178.7	285.0						60.	185.	30.0	185.0	-29.6	-.17	-.10
49.1	178.5	290.1						67.	185.	23.0	185.0	-22.6	-.18	-.08
56.2	178.3	296.1						78.	185.	11.9	185.0	-11.7	-.20	-.04
61.3	178.2	300.2						82.	185.	7.9	185.0	-7.8	-.20	-.03
66.4	178.2	299.8						76.	185.	14.7	185.0	-14.4	-.19	-.05
72.6	178.1	299.2						70.	185.	20.7	185.0	-20.4	-.19	-.07
77.1	178.1	298.9						65.	185.	25.7	185.0	-25.4	-.18	-.09
83.5	178.1	298.3						75.	185.	15.7	185.0	-15.4	-.19	-.05
90.8	178.0	297.7						72.	185.	18.7	185.0	-18.4	-.19	-.06
96.9	177.5	299.9						74.	185.	16.9	185.0	-16.7	-.19	-.06
103.0	176.9	302.4						74.	185.	17.2	185.0	-16.9	-.19	-.06
109.1	176.3	304.9						75.	185.	16.5	185.0	-16.3	-.19	-.06
115.2	175.7	307.4						70.	185.	22.0	185.0	-21.7	-.19	-.07
121.3	175.1	309.9						71.	185.	21.4	185.0	-21.1	-.19	-.07
127.4	174.6	310.5						79.	185.	13.2	185.0	-13.0	-.19	-.05
133.5	174.2	310.9						79.	185.	13.4	185.0	-13.2	-.19	-.05
139.6	173.8	311.3						79.	185.	13.5	185.0	-13.3	-.19	-.05
145.6	173.4	311.7						89.	185.					
152.8	173.0	312.3						80.	185.	12.6	185.0	-12.4	-.20	-.04
164.0	173.0	314.0						71.	185.	22.7	185.0	-22.3	-.18	-.08
170.1	173.0	315.0						62.	185.	32.0	185.0	-31.6	-.17	-.10
176.2	173.0	315.9						82.	185.	10.6	185.0	-10.5	-.20	-.04
182.3	173.0	316.9						79.	185.	14.4	185.0	-14.2	-.19	-.05
188.4	172.9	317.1						80.	185.	13.3	185.0	-13.1	-.19	-.05
194.5	172.8	317.2						83.	185.	.3	185.0	-.3	-.20	-.00
										9.4	185.0	-9.3	-.20	-.03
200.1	172.7	317.2						80.	185.	13.3	185.0	-13.2	-.19	-.05
206.5	172.6	317.3						75.	185.	19.0	185.0	-18.7	-.19	-.06
212.7	172.5	317.4						87.	185.					
218.7	172.4	317.4						70.	185.	24.4	185.0	-24.0	-.18	-.08
224.9	172.3	317.4						86.	185.					
231.0	172.2	317.4						69.	185.	25.5	185.0	-25.2	-.18	-.09
237.1	172.1	317.4						83.	185.	1.5	185.0	-1.4	-.20	-.01
										9.2	185.0	-9.1	-.20	-.03
243.1	172.0	317.4						79.	185.	14.7	185.0	-14.5	-.19	-.05

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
249.3	172.0	317.3						75.	185.	19.2	185.0	-18.9	-.19	-.06
255.4	171.9	317.2						89.	185.					
261.5	171.9	317.1						82.	185.	.1	185.0	-.1	-.20	-.00
										10.8	185.0	-10.6	-.20	-.04
267.6	171.8	317.0						85.	185.					
273.6	171.8	316.9						85.	185.					
279.6	171.6	315.8						75.	185.	19.1	185.0	-18.9	-.19	-.06
285.9	171.4	314.4						84.	185.					
292.0	171.2	313.1						85.	185.					
298.1	171.0	311.7						81.	185.	.0	185.0	-.0	-.20	-.00
										10.8	185.0	-10.7	-.20	-.04
304.2	170.8	310.4						83.	185.					
310.3	170.8	311.2						82.	185.	2.4	185.0	-2.4	-.20	-.01
										8.5	185.0	-8.4	-.20	-.03
316.4	170.9	312.2						77.	185.	16.4	185.0	-16.1	-.19	-.06
322.5	170.9	313.3						79.	185.	14.1	185.0	-13.9	-.19	-.05
328.6	171.0	314.3						78.	185.	15.5	185.0	-15.3	-.19	-.05
334.7	171.0	315.3						82.	185.	1.7	185.0	-1.7	-.20	-.01
										10.0	185.0	-9.8	-.20	-.03
339.8	171.2	315.4						86.	185.					
345.8	171.5	315.4						84.	185.					
352.3	171.8	315.3						84.	185.	5.0	185.0	-5.0	-.20	-.02
358.7	172.2	315.3						72.	185.	22.1	185.0	-21.8	-.19	-.07
365.3	172.5	315.3						81.	185.	11.8	185.0	-11.7	-.20	-.04
371.2	172.5	314.5						85.	185.					
371.8	172.5	314.4						40.	95.	55.6	95.0	14.3	.19	.05
397.6	172.6	310.8						28.	185.	66.2	185.0	-65.9	-.08	-.18
400.5	172.6	310.7						74.	185.	19.2	185.0	-18.9	-.19	-.06
404.9	172.6	310.7						77.	185.	15.9	185.0	-15.7	-.19	-.05
411.7	172.5	310.5						78.	185.	14.7	185.0	-14.5	-.19	-.05
416.6	172.5	310.5						87.	185.					
422.7	172.5	310.4						85.	185.					
428.4	172.5	310.3						75.	185.	18.1	185.0	-17.8	-.19	-.06
434.4	172.6	310.5						80.	185.	12.3	185.0	-12.1	-.20	-.04
440.0	172.6	310.6						66.	185.	27.6	185.0	-27.2	-.18	-.09
445.9	172.7	310.8						65.	185.	28.6	185.0	-28.3	-.18	-.09
452.0	172.7	311.0						85.	185.					
459.6	172.7	311.3						85.	185.					
465.6	172.6	311.8						60.	185.	33.9	185.0	-33.5	-.17	-.11
471.8	172.4	312.4						66.	185.	27.9	185.0	-27.5	-.18	-.09
477.8	172.3	312.9						65.	185.	29.0	185.0	-28.7	-.18	-.10

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)			S2 PLANE (PLOTTED)			PLOT PARAMETERS	
			OBSERVED	CALCULATED		OBSERVED	CALCULATED			
METERS	Z-ANG	AZ	CA DIPD	DIP DIPD	AP-DIP	CA DIPD	DIP DIPD	AP-DIP	H	V
484.1	172.1	313.5				55. 185.	39.5 185.0	-39.0	-.16	-.13
490.1	171.7	313.2				75. 185.	18.7 185.0	-18.4	-.19	-.06
496.2	170.9	311.6				80. 185.	12.3 185.0	-12.1	-.20	-.04
502.2	170.1	310.1				78. 185.	14.6 185.0	-14.4	-.19	-.05
508.4	169.3	308.5				74. 185.	19.3 185.0	-19.0	-.19	-.07
514.3	168.5	307.0				70. 185.	23.7 185.0	-23.4	-.18	-.08
520.5	167.8	306.4				72. 185.	21.2 185.0	-20.9	-.19	-.07
526.7	167.4	307.5				73. 185.	20.2 185.0	-19.9	-.19	-.07
532.8	167.0	308.5				70. 185.	24.2 185.0	-23.9	-.18	-.08
538.9	166.6	309.5				72. 185.	22.0 185.0	-21.7	-.19	-.07
544.3	166.3	310.5				69. 185.	26.0 185.0	-25.6	-.18	-.09
550.6	165.8	311.0				61. 185.	35.3 185.0	-34.9	-.16	-.11
556.5	165.2	310.2				75. 185.	17.7 185.0	-17.4	-.19	-.06
562.5	164.5	309.5				68. 185.	27.0 185.0	-26.7	-.18	-.09
568.7	163.9	308.7				80. 185.				
574.7	163.3	307.9				68. 185.	26.4 185.0	-26.1	-.18	-.09
580.9	162.8	308.2				64. 185.	31.6 185.0	-31.2	-.17	-.10
586.8	162.6	310.8				75. 185.	5.0 185.0	-5.0	-.20	-.02
							15.7 185.0	-15.5	-.19	-.05
592.2	162.5	313.2				66. 185.	31.0 185.0	-30.6	-.17	-.10
598.5	162.4	315.9				68. 185.	29.5 185.0	-29.1	-.17	-.10
604.4	162.3	318.5				72. 185.	25.2 185.0	-24.9	-.18	-.08
610.2	162.2	320.9				66. 185.	33.8 185.0	-33.4	-.17	-.11
616.0	162.1	322.1				57. 185.	44.3 185.0	-43.8	-.14	-.14
621.9	162.0	323.3				55. 185.	46.8 185.0	-46.4	-.14	-.14
628.0	162.0	324.6				85. 185.				
634.1	161.9	325.9				61. 185.	41.1 185.0	-40.7	-.15	-.13
641.5	161.8	327.1				62. 185.	40.4 185.0	-40.0	-.15	-.13
646.1	161.6	327.2				84. 185.				
652.3	161.4	327.3				84. 185.				
658.2	161.2	327.3				65. 185.	37.5 185.0	-37.1	-.16	-.12
663.5	161.0	327.4				79. 185.				
669.8	160.8	327.5				75. 185.	5.8 185.0	-5.7	-.20	-.02
							25.1 185.0	-24.7	-.18	-.08
675.8	160.8	327.5				75. 185.	5.8 185.0	-5.7	-.20	-.02
							25.1 185.0	-24.7	-.18	-.08
684.7	160.8	327.5				67. 185.	35.5 185.0	-35.1	-.16	-.11
689.8	160.8	327.5				80. 185.				
696.7	160.8	327.5				72. 185.	1.5 185.0	-1.5	-.20	-.01
							29.3 185.0	-29.0	-.17	-.10
702.8	160.8	327.5				71. 185.	.3 185.0	-.2	-.20	-.00
							30.6 185.0	-30.3	-.17	-.10

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 15.0 VIEW AZIMUTH = 285.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
708.9	160.8	327.5						73.	185.	2.9	185.0	-2.8	-.20	-.01
										28.0	185.0	-27.6	-.18	-.09
713.8	160.8	327.5						83.	185.					

***** PLOT NUMBER 2 FINISHED *****

PROGRAM COMMAND: PLOTB,1000,105

****
* DDH: 78-X-11 * START PLOT NUMBER 3
****

PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

PROJECTION PLANE BEARS 105. DEGREES -- VIEW AZIMUTH: 15. DEGREES

PLOT SCALE IS AT A RATIO OF: 1:1000. = 25.4 METERS/INCH

X-AXIS PLOT LIMITS: -3.88 - 0. (INCHES)
Y-AXIS BOREHOLE LENGTH: 27.69 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 716.2 METERS J = 1 - 319

MAX PAPER WIDTH REQUIRED: 31.0 INCHES

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
5.4	179.8	344.8						78.	185.	12.0	185.0	2.1	.20	.01
15.7	179.5	315.9						55.	185.	35.3	185.0	7.0	.20	.02
20.0	179.3	303.9						66.	185.	24.0	185.0	4.4	.20	.02
25.9	179.2	287.3						57.	185.	33.0	185.0	6.4	.20	.02
33.0	178.9	276.5						70.	185.	20.0	185.0	3.6	.20	.01
38.5	178.8	281.2						65.	185.	25.0	185.0	4.6	.20	.02
43.0	178.7	285.0						60.	185.	30.0	185.0	5.7	.20	.02
49.1	178.5	290.1						67.	185.	23.0	185.0	4.2	.20	.01
56.2	178.3	296.1						78.	185.	11.9	185.0	2.1	.20	.01
61.3	178.2	300.2						82.	185.	7.9	185.0	1.4	.20	.00
66.4	178.2	299.8						76.	185.	14.7	185.0	2.6	.20	.01
72.6	178.1	299.2						70.	185.	20.7	185.0	3.8	.20	.01
77.1	178.1	298.9						65.	185.	25.7	185.0	4.8	.20	.02
83.5	178.1	298.3						75.	185.	15.7	185.0	2.8	.20	.01
90.8	178.0	297.7						72.	185.	18.7	185.0	3.4	.20	.01
96.9	177.5	299.9						74.	185.	16.9	185.0	3.0	.20	.01
103.0	176.9	302.4						74.	185.	17.2	185.0	3.1	.20	.01
109.1	176.3	304.9						75.	185.	16.5	185.0	2.9	.20	.01
115.2	175.7	307.4						70.	185.	22.0	185.0	4.0	.20	.01
121.3	175.1	309.9						71.	185.	21.4	185.0	3.9	.20	.01
127.4	174.6	310.5						79.	185.	13.2	185.0	2.3	.20	.01
133.5	174.2	310.9						79.	185.	13.4	185.0	2.4	.20	.01
139.6	173.8	311.3						79.	185.	13.5	185.0	2.4	.20	.01
145.6	173.4	311.7						89.	185.					
152.8	173.0	312.3						80.	185.	12.6	185.0	2.2	.20	.01
164.0	173.0	314.0						71.	185.	22.7	185.0	4.1	.20	.01
170.1	173.0	315.0						62.	185.	32.0	185.0	6.2	.20	.02
176.2	173.0	315.9						82.	185.	10.6	185.0	1.9	.20	.01
182.3	173.0	316.9						79.	185.	14.4	185.0	2.6	.20	.01
188.4	172.9	317.1						80.	185.	13.3	185.0	2.3	.20	.01
194.5	172.8	317.2						83.	185.	.3	185.0	.1	.20	.00
										9.4	185.0	1.6	.20	.01
200.1	172.7	317.2						80.	185.	13.3	185.0	2.4	.20	.01
206.5	172.6	317.3						75.	185.	19.0	185.0	3.4	.20	.01
212.7	172.5	317.4						87.	185.					
218.7	172.4	317.4						70.	185.	24.4	185.0	4.5	.20	.02
224.9	172.3	317.4						86.	185.					
231.0	172.2	317.4						69.	185.	25.5	185.0	4.7	.20	.02
237.1	172.1	317.4						83.	185.	1.5	185.0	.3	.20	.00
										9.2	185.0	1.6	.20	.01
243.1	172.0	317.4						79.	185.	14.7	185.0	2.6	.20	.01

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
249.3	172.0	317.3						75.	185.	19.2	185.0	3.5	.20	.01
255.4	171.9	317.2						89.	185.					
261.5	171.9	317.1						82.	185.	.1	185.0	.0	.20	.00
										10.8	185.0	1.9	.20	.01
267.6	171.8	317.0						85.	185.					
273.6	171.8	316.9						85.	185.					
279.6	171.6	315.8						75.	185.	19.1	185.0	3.4	.20	.01
285.9	171.4	314.4						84.	185.					
292.0	171.2	313.1						85.	185.					
298.1	171.0	311.7						81.	185.	.0	185.0	.0	.20	.00
										10.8	185.0	1.9	.20	.01
304.2	170.8	310.4						83.	185.					
310.3	170.8	311.2						82.	185.	2.4	185.0	.4	.20	.00
										8.5	185.0	1.5	.20	.01
316.4	170.9	312.2						77.	185.	16.4	185.0	2.9	.20	.01
322.5	170.9	313.3						79.	185.	14.1	185.0	2.5	.20	.01
328.6	171.0	314.3						78.	185.	15.5	185.0	2.8	.20	.01
334.7	171.0	315.3						82.	185.	1.7	185.0	.3	.20	.00
										10.0	185.0	1.8	.20	.01
339.8	171.2	315.4						86.	185.					
345.8	171.5	315.4						84.	185.					
352.3	171.8	315.3						84.	185.	5.0	185.0	.9	.20	.00
358.7	172.2	315.3						72.	185.	22.1	185.0	4.0	.20	.01
365.3	172.5	315.3						81.	185.	11.8	185.0	2.1	.20	.01
371.2	172.5	314.5						85.	185.					
371.8	172.5	314.4						40.	95.	55.6	95.0	55.2	.11	.16
397.6	172.6	310.8						28.	185.	66.2	185.0	21.5	.19	.07
400.5	172.6	310.7						74.	185.	19.2	185.0	3.5	.20	.01
404.9	172.6	310.7						77.	185.	15.9	185.0	2.8	.20	.01
411.7	172.5	310.5						78.	185.	14.7	185.0	2.6	.20	.01
416.6	172.5	310.5						87.	185.					
422.7	172.5	310.4						85.	185.					
428.4	172.5	310.3						75.	185.	18.1	185.0	3.2	.20	.01
434.4	172.6	310.5						80.	185.	12.3	185.0	2.2	.20	.01
440.0	172.6	310.6						66.	185.	27.6	185.0	5.2	.20	.02
445.9	172.7	310.8						65.	185.	28.6	185.0	5.4	.20	.02
452.0	172.7	311.0						85.	185.					
459.6	172.7	311.3						85.	185.					
465.6	172.6	311.8						60.	185.	33.9	185.0	6.7	.20	.02
471.8	172.4	312.4						66.	185.	27.9	185.0	5.3	.20	.02
477.8	172.3	312.9						65.	185.	29.0	185.0	5.5	.20	.02

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
484.1	172.1	313.5						55.	185.	39.5	185.0	8.1	.20	.03
490.1	171.7	313.2						75.	185.	18.7	185.0	3.4	.20	.01
496.2	170.9	311.6						80.	185.	12.3	185.0	2.2	.20	.01
502.2	170.1	310.1						78.	185.	14.6	185.0	2.6	.20	.01
508.4	169.3	308.5						74.	185.	19.3	185.0	3.5	.20	.01
514.3	168.5	307.0						70.	185.	23.7	185.0	4.4	.20	.02
520.5	167.8	306.4						72.	185.	21.2	185.0	3.9	.20	.01
526.7	167.4	307.5						73.	185.	20.2	185.0	3.7	.20	.01
532.8	167.0	308.5						70.	185.	24.2	185.0	4.5	.20	.02
538.9	166.6	309.5						72.	185.	22.0	185.0	4.0	.20	.01
544.3	166.3	310.5						69.	185.	26.0	185.0	4.8	.20	.02
550.6	165.8	311.0						61.	185.	35.3	185.0	7.0	.20	.02
556.5	165.2	310.2						75.	185.	17.7	185.0	3.2	.20	.01
562.5	164.5	309.5						68.	185.	27.0	185.0	5.1	.20	.02
568.7	163.9	308.7						80.	185.					
574.7	163.3	307.9						68.	185.	26.4	185.0	4.9	.20	.02
580.9	162.8	308.2						64.	185.	31.6	185.0	6.1	.20	.02
586.8	162.6	310.8						75.	185.	5.0	185.0	.9	.20	.00
										15.7	185.0	2.8	.20	.01
592.2	162.5	313.2						66.	185.	31.0	185.0	5.9	.20	.02
598.5	162.4	315.9						68.	185.	29.5	185.0	5.6	.20	.02
604.4	162.3	318.5						72.	185.	25.2	185.0	4.7	.20	.02
610.2	162.2	320.9						66.	185.	33.8	185.0	6.6	.20	.02
616.0	162.1	322.1						57.	185.	44.3	185.0	9.6	.20	.03
621.9	162.0	323.3						55.	185.	46.8	185.0	10.5	.20	.04
628.0	162.0	324.6						85.	185.					
634.1	161.9	325.9						61.	185.	41.1	185.0	8.6	.20	.03
641.5	161.8	327.1						62.	185.	40.4	185.0	8.4	.20	.03
646.1	161.6	327.2						84.	185.					
652.3	161.4	327.3						84.	185.					
658.2	161.2	327.3						65.	185.	37.5	185.0	7.6	.20	.03
663.5	161.0	327.4						79.	185.					
669.8	160.8	327.5						75.	185.	5.8	185.0	1.0	.20	.00
										25.1	185.0	4.6	.20	.02
675.8	160.8	327.5						75.	185.	5.8	185.0	1.0	.20	.00
										25.1	185.0	4.6	.20	.02
684.7	160.8	327.5						67.	185.	35.5	185.0	7.1	.20	.02
689.8	160.8	327.5						80.	185.					
696.7	160.8	327.5						72.	185.	1.5	185.0	.3	.20	.00
										29.3	185.0	5.6	.20	.02
702.8	160.8	327.5						71.	185.	.3	185.0	.0	.20	.00
										30.6	185.0	5.9	.20	.02

****
* DDH: 78-X-11 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 105.0 VIEW AZIMUTH = 15.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 PLANE (NOT PLOTTED) OBSERVED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED DIP	S1 PLANE (NOT PLOTTED) CALCULATED DIPD	S1 PLANE (NOT PLOTTED) CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 PLANE (PLOTTED) OBSERVED DIPD	S2 PLANE (PLOTTED) CALCULATED DIP	S2 PLANE (PLOTTED) CALCULATED DIPD	S2 PLANE (PLOTTED) CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
708.9	160.8	327.5						73.	185.	2.9	185.0	.5	.20	.00
										28.0	185.0	5.3	.20	.02
713.8	160.8	327.5						83.	185.					

***** PLOT NUMBER 3 FINISHED *****

```
 STOP ALL PLOTS FINISHED
SRU'S:39.1
!*
!OFF
USAGE ON 08/16/78 AT 17:36:39
SRU'S:208.6     ELAPSED TIME: 00:01:21
```

```
08/16/78 17:44:07-00 014
!EQUATE 11 78X05.PF
!EQUATE 12 78X06.PF
!EQUATE 13 78X07.PF
!EQUATE 14 78X08.PF
!EQUATE 15 78X10.PF
!EQUATE 16 78X11.PF
!*
!TAPE$
***TAPE$*** VERSION 6, APRIL 2, 1975

!VOLUME #2 U00159W
# 2 ASGD. AS U00159W  7-TRK, 800, ODD


!COPY 1 FILE FROM  $11 TO #2
ENDFILE $11
FILE 1 CONTAINS 30 BLOCKS
TAPEMARK WRITTEN ON #2
FILE 1 CONTAINS 30 BLOCKS


!COPY 1 FILE FROM  $12 TO #2
ENDFILE $12
FILE 1 CONTAINS 23 BLOCKS
TAPEMARK WRITTEN ON #2
FILE 2 CONTAINS 23 BLOCKS


!COPY 1 FILE FROM  $13 TO #2
ENDFILE $13
FILE 1 CONTAINS 36 BLOCKS
TAPEMARK WRITTEN ON #2
FILE 3 CONTAINS 36 BLOCKS


!COPY 1 FILE FROM  $14 TO #2
ENDFILE $14
FILE 1 CONTAINS 31 BLOCKS
TAPEMARK WRITTEN ON #2
FILE 4 CONTAINS 31 BLOCKS


!COPY 1 FILE FROM  $15 TO #2
ENDFILE $15
FILE 1 CONTAINS 29 BLOCKS
TAPEMARK WRITTEN ON #2
FILE 5 CONTAINS 29 BLOCKS


!COPY 1 FILE FROM  $16 TO #2
ENDFILE $16
FILE 1 CONTAINS 35 BLOCKS
```

```
TAPEMARK WRITTEN ON #2
FILE 6 CONTAINS 35 BLOCKS


!REWIND ALL
$11 REWOUND
$12 REWOUND
$13 REWOUND
$14 REWOUND
$15 REWOUND
$16 REWOUND
#2 REWOUND


!QUIT
 STOP
SRU'S:16.7
!EXIT
FMD014 E IN$  EOF
GPS208 I CMND SOURCE IS IN$
USAGE ON 08/16/78 AT 17:46:28
SRU'S:19.6      ELAPSED TIME: 00:02:21
```

```
**************************
*      DDH:  78-X-11     *
**************************
```

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597572.0 NORTH: 6901090.0
ELEV: 1073.1

---- THE DRILLHOLE DATA FOLLOWS (DEPTHS ARE IN METERS) ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 1  T78-X-11 1073.10 6901090  597572 METERS
 2  R78-X-11 00000        180.0 000.0 AT COLLAR
 3  R78-X-11 00305        179.0 274.4
 4  R78-X-11 00610        178.2 300.2
 5  R78-X-11 00914        178.0 297.7
 6  R78-X-11 01219        175.0 310.1
 7  R78-X-11 01524        173.0 312.2
 8  R78-X-11 01829        173.0 317.0
 9  R78-X-11 02134        172.5 317.4
10  R78-X-11 02438        172.0 317.4
11  R78-X-11 02743        171.8 316.9
12  R78-X-11 03048        170.8 310.3
13  R78-X-11 03353        171.0 315.4
14  R78-X-11 03658        172.5 315.3
15  R78-X-11 03962        172.6 310.8
16  R78-X-11 04267        172.5 310.3
17  R78-X-11 04572        172.8 311.1
18  R78-X-11 04877        172.0 313.8
19  R78-X-11 05182        168.0 306.0
20  R78-X-11 05486        166.0 311.2
21  R78-X-11 05791        162.8 307.4
22  R78-X-11 06096        162.2 320.8
23  R78-X-11 06401        161.8 327.1
24  R78-X-11 06706        160.8 327.5
25  L78-X-11 00000 00037 01  #
26  L78-X-11 00037 00174 02 5B2
27  L78-X-11 00174 00190 03 5B2
28  L78-X-11 00190 00357 04 5B2
29  L78-X-11 00357 00413 05 5B6
30  L78-X-11 00413 00460 06 5B0
31  L78-X-11 00460 00568 07 5B6
32  L78-X-11 00568 00611 08 5B2
33  L78-X-11 00611 00743 09 5B0
34  L78-X-11 00743 00765 10 5B6
35  L78-X-11 00765 00859 11 5B6
36  L78-X-11 00859 01484 12 5B0
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
 37   L78-X-11 01484 01497 13 5B0
 38   L78-X-11 01497 01513 14 5B0
 39   L78-X-11 01513 01519 15 5D0
 40   L78-X-11 01519 01555 16 5B0
 41   L78-X-11 01555 01629 17 5B6
 42   L78-X-11 01629 01653 18 5B6
 43   L78-X-11 01653 01855 19 5B0
 44   L78-X-11 01855 01888 20 5B6
 45   L78-X-11 01888 02008 21 5B0
 46   L78-X-11 02008 02202 22 5B2
 47   L78-X-11 02202 03091 23 5B0
 48   L78-X-11 03091 03105 24 5D3
 49   L78-X-11 03105 03328 25 5B0
 50   L78-X-11 03328 03344 26 5E0
 51   L78-X-11 03344 03427 27 5B0
 52   L78-X-11 03427 03441 28 5D3
 53   L78-X-11 03441 03475 29 5B7
 54   L78-X-11 03475 03509 30 5DB
 55   L78-X-11 03509 03569 31 5B0
 56   L78-X-11 03569 03579 32 5D3
 57   L78-X-11 03579 03602 33 5B0
 58   L78-X-11 03602 03649 34 5D3
 59   L78-X-11 03649 03663 35 5B7
 60   L78-X-11 03663 03683 36 5D3
 61   L78-X-11 03683 03718 37 5B7
 62   L78-X-11 03718 03741 38 0E8
 63   L78-X-11 03741 03960 39 0F0
 64   L78-X-11 03960 03976 40 0E8
 65   L78-X-11 03976 04011 41 5B7
 66   L78-X-11 04011 04036 42 5D3
 67   L78-X-11 04036 04048 43 5B7
 68   L78-X-11 04048 04158 44 5B0
 69   L78-X-11 04158 04181 45 5D3
 70   L78-X-11 04181 04240 46 5B7
 71   L78-X-11 04240 04256 47 5D3
 72   L78-X-11 04256 04322 48 5B7
 73   L78-X-11 04322 04339 49 5D3
 74   L78-X-11 04339 04495 50 5B7
 75   L78-X-11 04495 04607 51 5B0
 76   L78-X-11 04607 04611 52 0Q0
 77   L78-X-11 04611 04638 53 5D4
 78   L78-X-11 04638 04649 54 5D3
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.
 79   L78-X-11 04649 04672 55 4E0
 80   L78-X-11 04672 04686 56 5D3
 81   L78-X-11 04686 04794 57 4E"
 82   L78-X-11 04794 04945 58 5B7
 83   L78-X-11 04945 04963 59 5D3
 84   L78-X-11 04963 05028 60 5BD
 85   L78-X-11 05028 05106 61 5B7
 86   L78-X-11 05106 05345 62 5B6
 87   L78-X-11 05345 05366 63 5B2
 88   L78-X-11 05366 05389 64 5B6
 89   L78-X-11 05389 05414 65 5A3
 90   L78-X-11 05414 05502 66 5B6
 91   L78-X-11 05502 05601 67 4A0
 92   L78-X-11 05601 05623 68 4A0
 93   L78-X-11 05623 05641 69 5D3
 94   L78-X-11 05641 05657 70 5AD
 95   L78-X-11 05657 05672 71 4A0
 96   L78-X-11 05672 05687 72 5D6
 97   L78-X-11 05687 05697 73 4A0
 98   L78-X-11 05697 05739 74 5D6
 99   L78-X-11 05739 05748 75 4A0
100   L78-X-11 05748 05760 76 5D6
101   L78-X-11 05760 05831 77 5A1
102   L78-X-11 05831 05875 78 4A0
103   L78-X-11 05875 05942 79 4A0
104   L78-X-11 05942 05949 80 5A1
105   L78-X-11 05949 05958 81 5D3
106   L78-X-11 05958 05968 82 5A1
107   L78-X-11 05968 05979 83 5D3
108   L78-X-11 05979 06093 84 4A0
109   L78-X-11 06093 06172 85 4A0
110   L78-X-11 06172 06183 86 4E0
111   L78-X-11 06183 06196 87 4G4
112   L78-X-11 06196 06252 88 4D4
113   L78-X-11 06252 06341 89 4AD
114   L78-X-11 06341 06360 90 5A1
115   L78-X-11 06360 06410 91 4A0
116   L78-X-11 06410 06445 92 5B6
117   L78-X-11 06445 06466 93 5B0
118   L78-X-11 06466 06542 94 5B6
119   L78-X-11 06542 06551 95 5D6
120   L78-X-11 06551 06698 96 5B6
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.
  121 L78-X-11 06698 06711 97 5D3
  122 L78-X-11 06711 06733 98 5B7
  123 L78-X-11 06733 06745 99 5D3
  124 L78-X-11 06745 06755 00 5B7
  125 L78-X-11 06755 06763 01 5D3
  126 L78-X-11 06763 06810 02 5B6
  127 L78-X-11 06810 06843 03 5D3
  128 L78-X-11 06843 06873 04 5B2
  129 L78-X-11 06873 06906 05 5D3
  130 L78-X-11 06906 06936 06 5B0
  131 L78-X-11 06936 07162 07 5B7
  132 P78-X-11 04649 04672 002819
  133 P78-X-11 04686 04706 002820
  134 P78-X-11 04706 04718 002821
  135 P78-X-11 04718 04738 002822
  136 P78-X-11 04738 04758 002823
  137 P78-X-11 04758 04778 002824
  138 P78-X-11 04778 04794 002825
  139 P78-X-11 05502 05522 002826
  140 P78-X-11 05522 05541 002827
  141 P78-X-11 05541 05562 002828
  142 P78-X-11 05562 05583 002829
  143 P78-X-11 05583 05601 002830
  144 P78-X-11 05601 05612 002831
  145 P78-X-11 05612 05623 002832
  146 P78-X-11 05831 05841 002833
  147 P78-X-11 05841 05861 002834
  148 P78-X-11 05861 05875 002835
  149 P78-X-11 05875 05895 002836
  150 P78-X-11 05895 05915 002837
  151 P78-X-11 05915 05925 002838
  152 P78-X-11 05925 05942 002839
  153 P78-X-11 06073 06093 002840
  154 P78-X-11 06093 06113 002841
  155 P78-X-11 06113 06133 002842
  156 P78-X-11 06133 06153 002843
  157 P78-X-11 06153 06172 002844
  158 P78-X-11 06172 06183 002845
  159 P78-X-11 06183 06196 002846
  160 P78-X-11 06196 06216 002847
  161 P78-X-11 06216 06236 002848
  162 P78-X-11 06236 06252 002849
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.....0.
  163 P78-X-11 06252 06272 002850
  164 P78-X-11 06272 06292 002851
  165 P78-X-11 06292 06312 002852
  166 P78-X-11 06312 06322 002853
  167 P78-X-11 06322 06341 002854
  168 P78-X-11 06341 06360 002855
  169 P78-X-11 06360 06380 002856
  170 S78-X-11       00054 CS2       78185
  171 S78-X-11       00157 CS2       55185
  172 S78-X-11       00200 CS2       66185
  173 S78-X-11       00259 CS2       57185
  174 S78-X-11       00330 CS2       70185
  175 S78-X-11       00385 CS2       65185
  176 S78-X-11       00430 CS2       60185
  177 S78-X-11       00491 CS2       67185
  178 S78-X-11       00562 CS2       78185
  179 S78-X-11       00613 CS2       82185
  180 S78-X-11       00664 CS2       76185
  181 S78-X-11       00726 CS2       70185
  182 S78-X-11       00771 CS2       65185
  183 S78-X-11       00835 CS2       75185
  184 S78-X-11       00908 CS2       72185
  185 S78-X-11       00969 CS2       74185
  186 S78-X-11       01030 CS2       74185
  187 S78-X-11       01091 CS2       75185
  188 S78-X-11       01152 CS2       70185
  189 S78-X-11       01213 CS2       71185
  190 S78-X-11       01274 CS2       79185
  191 S78-X-11       01335 CS2       79185
  192 S78-X-11       01396 CS2       79185
  193 S78-X-11       01456 CS2       89185
  194 S78-X-11       01528 CS2       80185
  195 S78-X-11       01640 CS2       71185
  196 S78-X-11       01701 CS2       62185
  197 S78-X-11       01762 CS2       82185
  198 S78-X-11       01823 CS2       79185
  199 S78-X-11       01884 CS2       80185
  200 S78-X-11       01945 CS2       83185
  201 S78-X-11       02001 CS2       80185
  202 S78-X-11       02065 CS2       75185
  203 S78-X-11       02127 CS2       87185
  204 S78-X-11       02187 CS2       70185
      1.....1.....2.....3.....4.....5.....6.....7.....8
            0     0     0     0     0     0     0     0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
       1........0.........0.........0.........0.........0.........0.........0.........0.
  205  S78-X-11       02249 CS2       86185
  206  S78-X-11       02310 CS2       69185
  207  S78-X-11       02371 CS2       83185
  208  S78-X-11       02431 CS2       79185
  209  S78-X-11       02493 CS2       75185
  210  S78-X-11       02554 CS2       89185
  211  S78-X-11       02615 CS2       82185
  212  S78-X-11       02676 CS2       85185
  213  S78-X-11       02736 CS2       85185
  214  S78-X-11       02796 CS2       75185
  215  S78-X-11       02859 CS2       84185
  216  S78-X-11       02920 CS2       85185
  217  S78-X-11       02981 CS2       81185
  218  S78-X-11       03042 CS2       83185
  219  S78-X-11       03103 CS2       82185
  220  S78-X-11       03164 CS2       77185
  221  S78-X-11       03225 CS2       79185
  222  S78-X-11       03286 CS2       78185
  223  S78-X-11       03347 CS2       82185
  224  S78-X-11       03398 CS2       86185
  225  S78-X-11       03458 CS2       84185
  226  S78-X-11       03523 CS2       84185
  227  S78-X-11       03587 CS2       72185
  228  S78-X-11       03653 CS2       81185
  229  S78-X-11       03712 CS2       85185
  230  S78-X-11       03718 CNT       40095
  231  S78-X-11       03976 CNT       28185
  232  S78-X-11       04005 CS2       74185
  233  S78-X-11       04049 CS2       77185
  234  S78-X-11       04117 CS2       78185
  235  S78-X-11       04166 CS2       87185
  236  S78-X-11       04227 CS2       85185
  237  S78-X-11       04284 CS2       75185
  238  S78-X-11       04344 CS2       80185
  239  S78-X-11       04400 CS2       66185
  240  S78-X-11       04459 CS2       65185
  241  S78-X-11       04520 CS2       85185
  242  S78-X-11       04596 CS2       85185
  243  S78-X-11       04656 PS2       60185
  244  S78-X-11       04718 PS2       66185
  245  S78-X-11       04778 PS2       65185
  246  S78-X-11       04841 CS2       55185
       1........1.........2.........3.........4.........5.........6.........7.........8
                 0         0         0         0         0         0         0         0
```

****
* DDH: 78-X-11 *
****

---- DRILLHOLE DATA (CONTINUED); DEPTHS IN METERS ----

```
                1         2         3         4         5         6         7         8
      1.....0.....0.....0.....0.....0.....0.....0.....0.
  247 S78-X-11      04901 CS2      75185
  248 S78-X-11      04962 CS2      80185
  249 S78-X-11      05022 CS2      78185
  250 S78-X-11      05084 CS2      74185
  251 S78-X-11      05143 CS2      70185
  252 S78-X-11      05205 CS2      72185
  253 S78-X-11      05267 CS2      73185
  254 S78-X-11      05328 CS2      70185
  255 S78-X-11      05389 CS2      72185
  256 S78-X-11      05443 CS2      69185
  257 S78-X-11      05506 CS2      61185
  258 S78-X-11      05565 CS2      75185
  259 S78-X-11      05625 CS2      68185
  260 S78-X-11      05687 CS2      80185
  261 S78-X-11      05747 CS2      68185
  262 S78-X-11      05809 CS2      64185
  263 S78-X-11      05868 CS2      75185
  264 S78-X-11      05922 CS2      66185
  265 S78-X-11      05985 CS2      68185
  266 S78-X-11      06044 CS2      72185
  267 S78-X-11      06102 CS2      66185
  268 S78-X-11      06160 CS2      57185
  269 S78-X-11      06219 CS2      55185
  270 S78-X-11      06280 CS2      85185
  271 S78-X-11      06341 CS2      61185
  272 S78-X-11      06415 CS2      62185
  273 S78-X-11      06461 CS2      84185
  274 S78-X-11      06523 CS2      84185
  275 S78-X-11      06582 CS2      65185
  276 S78-X-11      06635 CS2      79185
  277 S78-X-11      06698 CS2      75185
  278 S78-X-11      06758 CS2      75185
  279 S78-X-11      06847 CS2      67185
  280 S78-X-11      06898 CS2      80185
  281 S78-X-11      06967 CS2      72185
  282 S78-X-11      07028 CS2      71185
  283 S78-X-11      07089 CS2      73185
  284 S78-X-11      07138 CS2      83185
      1.....1.....2.....3.....4.....5.....6.....7.....8
                0         0         0         0         0         0         0         0
```

DDH: 78-X-11 -- SUMMARY OF DATA INPUT

RECORDS READ = 284 RELEASED TO SORT 319
TYPE-L = 107
TYPE-P = 38
TYPE-R = 23
TYPE-S = 115
TYPE-X = 35
TYPE-A = 0
TYPE-V = 0 (GENERATED TO DEPTH: 700.0 METERS)

DRILLHOLE TRUE DEPTH (VERTICAL) = 716.2 METERS

****
* DDH: 78-X-11 *
****

CORRECTION OF THE DRILLHOLE DATA TO TRUE DEPTH AND THE
EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

COLLAR COORDINATES -- EAST: 597572.0 NORTH: 6901090.0
ELEV: 1073.1

---- UNITS OF MEASUREMENT ARE METERS ----

BOREHOLE SECTION 1 --	DEPTH:	0.	-	30.50	METERS
	ZENITH ANG:	180.00	-	179.00	
	AZIMUTH:	0.	-	274.40	
BOREHOLE SECTION 2 --	DEPTH:	30.50	-	61.00	METERS
	ZENITH ANG:	179.00	-	178.20	
	AZIMUTH:	274.40	-	300.20	
BOREHOLE SECTION 3 --	DEPTH:	61.00	-	91.40	METERS
	ZENITH ANG:	178.20	-	178.00	
	AZIMUTH:	300.20	-	297.70	
BOREHOLE SECTION 4 --	DEPTH:	91.40	-	121.90	METERS
	ZENITH ANG:	178.00	-	175.00	
	AZIMUTH:	297.70	-	310.10	
BOREHOLE SECTION 5 --	DEPTH:	121.90	-	152.40	METERS
	ZENITH ANG:	175.00	-	173.00	
	AZIMUTH:	310.10	-	312.20	
BOREHOLE SECTION 6 --	DEPTH:	152.40	-	182.90	METERS
	ZENITH ANG:	173.00	-	173.00	
	AZIMUTH:	312.20	-	317.00	
BOREHOLE SECTION 7 --	DEPTH:	182.90	-	213.40	METERS
	ZENITH ANG:	173.00	-	172.50	
	AZIMUTH:	317.00	-	317.40	
BOREHOLE SECTION 8 --	DEPTH:	213.40	-	243.80	METERS
	ZENITH ANG:	172.50	-	172.00	
	AZIMUTH:	317.40	-	317.40	
BOREHOLE SECTION 9 --	DEPTH:	243.80	-	274.30	METERS
	ZENITH ANG:	172.00	-	171.80	
	AZIMUTH:	317.40	-	316.90	
BOREHOLE SECTION 10 --	DEPTH:	274.30	-	304.80	METERS
	ZENITH ANG:	171.80	-	170.80	
	AZIMUTH:	316.90	-	310.30	
BOREHOLE SECTION 11 --	DEPTH:	304.80	-	335.30	METERS
	ZENITH ANG:	170.80	-	171.00	

	AZIMUTH:	310.30	-	315.40	
BOREHOLE SECTION 12 --	DEPTH:	335.30	-	365.80	METERS
	ZENITH ANG:	171.00	-	172.50	
	AZIMUTH:	315.40	-	315.30	
BOREHOLE SECTION 13 --	DEPTH:	365.80	-	396.20	METERS
	ZENITH ANG:	172.50	-	172.60	
	AZIMUTH:	315.30	-	310.80	
BOREHOLE SECTION 14 --	DEPTH:	396.20	-	426.70	METERS
	ZENITH ANG:	172.60	-	172.50	
	AZIMUTH:	310.80	-	310.30	
BOREHOLE SECTION 15 --	DEPTH:	426.70	-	457.20	METERS
	ZENITH ANG:	172.50	-	172.80	
	AZIMUTH:	310.30	-	311.10	
BOREHOLE SECTION 16 --	DEPTH:	457.20	-	487.70	METERS
	ZENITH ANG:	172.80	-	172.00	
	AZIMUTH:	311.10	-	313.80	
BOREHOLE SECTION 17 --	DEPTH:	487.70	-	518.20	METERS
	ZENITH ANG:	172.00	-	168.00	
	AZIMUTH:	313.80	-	306.00	
BOREHOLE SECTION 18 --	DEPTH:	518.20	-	548.60	METERS
	ZENITH ANG:	168.00	-	166.00	
	AZIMUTH:	306.00	-	311.20	
BOREHOLE SECTION 19 --	DEPTH:	548.60	-	579.10	METERS
	ZENITH ANG:	166.00	-	162.80	
	AZIMUTH:	311.20	-	307.40	
BOREHDLE SECTION 20 --	DEPTH:	579.10	-	609.60	METERS
	ZENITH ANG:	162.80	-	162.20	
	AZIMUTH:	307.40	-	320.80	
BOREHOLE SECTION 21 --	DEPTH:	609.60	-	640.10	METERS
	ZENITH ANG:	162.20	-	161.80	
	AZIMUTH:	320.80	-	327.10	
BOREHOLE SECTION 22 --	DEPTH:	640.10	-	670.60	METERS
	ZENITH ANG:	161.80	-	160.80	
	AZIMUTH:	327.10	-	327.50	
BOREHOLE SECTION 23 --	DEPTH:	670.60	-	716.20	METERS
	ZENITH ANG:	160.80	-	160.80	
	AZIMUTH:	327.50	-	327.50	

FINISHED -- BOREHOLE LENGTH = 716.20 METERS
FILE SIZE = 320

****
* DDH: 78-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
0.	R									0.	0.	0.	180.0	0.
3.7	L	01 #								3.7	-.0	.0	179.9	349.6
5.4	S				CS2				78. 185.	5.4	-.0	.0	179.8	344.8
15.7	S				CS2				55. 185.	15.7	-.0	.1	179.5	315.9
17.4	L	02 5B2								17.4	-.0	.1	179.4	311.2
19.0	L	03 5B2								19.0	-.1	.1	179.4	306.7
20.0	S				CS2				66. 185.	20.0	-.1	.1	179.3	303.9
25.9	S				CS2				57. 185.	25.9	-.1	.1	179.2	287.3
30.5	R									30.5	-.2	.1	179.0	274.4
33.0	S				CS2				70. 185.	33.0	-.3	.1	178.9	276.5
35.7	L	04 5B2								35.7	-.3	.1	178.9	278.8
38.5	S				CS2				65. 185.	38.5	-.4	.2	178.8	281.2
41.3	L	05 5B6								41.3	-.4	.2	178.7	283.5
43.0	S				CS2				60. 185.	43.0	-.5	.2	178.7	285.0
46.0	L	06 5B0								46.0	-.5	.2	178.6	287.5
49.1	S				CS2				67. 185.	49.1	-.6	.2	178.5	290.1
56.2	S				CS2				78. 185.	56.2	-.8	.3	178.3	296.1
56.8	L	07 5B6								56.8	-.8	.3	178.3	296.6
61.0	R									61.0	-.9	.4	178.2	300.2
61.1	L	08 5B2								61.1	-.9	.4	178.2	300.2
61.3	S				CS2				82. 185.	61.3	-.9	.4	178.2	300.2
66.4	S				CS2				76. 185.	66.4	-1.1	.5	178.2	299.8
72.6	S				CS2				70. 185.	72.6	-1.2	.6	178.1	299.2
74.3	L	09 5B0								74.3	-1.3	.6	178.1	299.1
76.5	L	10 5B6								76.5	-1.3	.6	178.1	298.9
77.1	S				CS2				65. 185.	77.1	-1.4	.6	178.1	298.9
83.5	S				CS2				75. 185.	83.5	-1.6	.7	178.1	298.3
85.9	L	11 5B6								85.9	-1.6	.8	178.0	298.2
90.8	S				CS2				72. 185.	90.8	-1.8	.8	178.0	297.7
91.4	R									91.4	-1.8	.9	178.0	297.7
96.9	S				CS2				74. 185.	96.9	-2.0	1.0	177.5	299.9
103.0	S				CS2				74. 185.	103.0	-2.2	1.1	176.9	302.4
109.1	S				CS2				75. 185.	109.0	-2.5	1.3	176.3	304.9
115.2	S				CS2				70. 185.	115.1	-2.9	1.6	175.7	307.4

****
* DDH: 78-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG		S1	S2	TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
243.1	S				CS2			79. 185.	242.1	-13.7	12.4	172.0	317.4
243.8	R								242.8	-13.8	12.5	172.0	317.4
249.3	S				CS2			75. 185.	248.2	-14.3	13.0	172.0	317.3
255.4	S				CS2			89. 185.	254.3	-14.9	13.7	171.9	317.2
261.5	S				CS2			82. 185.	260.3	-15.4	14.3	171.9	317.1
267.6	S				CS2			85. 185.	266.4	-16.0	14.9	171.8	317.0
273.6	S				CS2			85. 185.	272.3	-16.6	15.6	171.8	316.9
274.3	R								273.0	-16.7	15.6	171.8	316.9
279.6	S				CS2			75. 185.	278.2	-17.2	16.2	171.6	315.8
285.9	S				CS2			84. 185.	284.5	-17.9	16.8	171.4	314.4
292.0	S				CS2			85. 185.	290.5	-18.5	17.5	171.2	313.1
298.1	S				CS2			81. 185.	296.5	-19.2	18.1	171.0	311.7
304.2	S				CS2			83. 185.	302.5	-20.0	18.7	170.8	310.4
304.8	R								303.1	-20.0	18.8	170.8	310.3
309.1	L	23 5B0							307.4	-20.6	19.3	170.8	311.0
310.3	S				CS2			82. 185.	308.6	-20.7	19.4	170.8	311.2
310.5	L	24 5D3							308.8	-20.7	19.4	170.8	311.3
316.4	S				CS2			77. 185.	314.6	-21.4	20.0	170.9	312.2
322.5	S				CS2			79. 185.	320.6	-22.1	20.7	170.9	313.3
328.6	S				CS2			78. 185.	326.6	-22.8	21.3	171.0	314.3
332.8	L	25 5B0							330.8	-23.3	21.8	171.0	315.0
334.4	L	26 5E0							332.4	-23.5	22.0	171.0	315.2
334.7	S				CS2			82. 185.	332.7	-23.5	22.0	171.0	315.3
335.3	R								333.3	-23.6	22.1	171.0	315.4
339.8	S				CS2			86. 185.	337.7	-24.1	22.6	171.2	315.4
342.7	L	27 5B0							340.6	-24.4	22.9	171.4	315.4
344.1	L	28 5D3							342.0	-24.5	23.0	171.4	315.4
345.8	S				CS2			84. 185.	343.6	-24.7	23.2	171.5	315.4
347.5	L	29 5B7							345.3	-24.9	23.4	171.6	315.4
350.9	L	30 5DB							348.7	-25.2	23.7	171.8	315.3
352.3	S				CS2			84. 185.	350.1	-25.3	23.9	171.8	315.3
356.9	L	31 5B0							354.6	-25.8	24.3	172.1	315.3
357.9	L	32 5D3							355.6	-25.9	24.4	172.1	315.3
358.7	S				CS2			72. 185.	356.4	-26.0	24.5	172.2	315.3

****
* DDH: 78-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
****

COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG		S1	S2	TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD	CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
360.2	L	33 580							357.9	-26.1	24.7	172.2	315.3
364.9	L	34 5D3							362.5	-26.6	25.1	172.5	315.3
365.3	S				CS2			81. 185.	362.9	-26.6	25.2	172.5	315.3
365.8	R								363.4	-26.6	25.2	172.5	315.3
366.3	L	35 587							363.9	-26.7	25.2	172.5	315.2
368.3	L	36 5D3							365.9	-26.9	25.4	172.5	314.9
371.2	S				CS2			85. 185.	368.8	-27.1	25.7	172.5	314.5
371.8	L	37 587							369.4	-27.2	25.8	172.5	314.4
371.8	S				CNT			40. 95.	369.4	-27.2	25.8	172.5	314.4
374.1	L	38 0E8							371.7	-27.4	26.0	172.5	314.1
396.0	L	39 0F0							393.4	-29.5	27.9	172.6	310.8
396.2	R								393.6	-29.5	27.9	172.6	310.8
397.6	L	40 0E8							395.0	-29.7	28.0	172.6	310.8
397.6	S				CNT			28. 185.	395.0	-29.7	28.0	172.6	310.8
400.5	S				CS2			74. 185.	397.8	-30.0	28.3	172.6	310.7
401.1	L	41 587							398.4	-30.0	28.3	172.6	310.7
403.6	L	42 5D3							400.9	-30.3	28.5	172.6	310.7
404.8	L	43 587							402.1	-30.4	28.6	172.6	310.7
404.9	S				CS2			77. 185.	402.2	-30.4	28.6	172.6	310.7
411.7	S				CS2			78. 185.	408.9	-31.1	29.2	172.5	310.5
415.8	L	44 580							413.0	-31.5	29.6	172.5	310.5
416.6	S				CS2			87. 185.	413.8	-31.5	29.6	172.5	310.5
418.1	L	45 5D3							415.3	-31.7	29.7	172.5	310.4
422.7	S				CS2			85. 185.	419.9	-32.1	30.1	172.5	310.4
424.0	L	46 587							421.1	-32.3	30.2	172.5	310.3
425.6	L	47 5D3							422.7	-32.4	30.4	172.5	310.3
426.7	R								423.8	-32.5	30.5	172.5	310.3
428.4	S				CS2			75. 185.	425.5	-32.7	30.6	172.5	310.3
432.2	L	48 587							429.3	-33.1	30.9	172.6	310.4
433.9	L	49 5D3							431.0	-33.2	31.1	172.6	310.5
434.4	S				CS2			80. 185.	431.5	-33.3	31.1	172.6	310.5
440.0	S				CS2			66. 185.	437.0	-33.8	31.6	172.6	310.6
445.9	S				CS2			65. 185.	442.9	-34.4	32.1	172.7	310.8
449.5	L	50 587							446.4	-34.7	32.4	172.7	310.9
452.0	S				CS2			85. 185.	448.9	-35.0	32.6	172.7	311.0

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* DDH: 78-X-11 * SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG		S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
457.2	R										454.1	-35.5	33.0	172.8	311.1
459.6	S				CS2				85.	185.	456.5	-35.7	33.2	172.7	311.3
460.7	L	51 5B0									457.5	-35.8	33.3	172.7	311.4
461.1	L	52 0Q0									457.9	-35.9	33.3	172.7	311.4
463.8	L	53 5D4									460.6	-36.1	33.6	172.6	311.7
464.9	L	54 5D3									461.7	-36.2	33.7	172.6	311.8
465.6	S				PS2				60.	185.	462.4	-36.3	33.7	172.6	311.8
466.1	P		2819	2.							462.9	-36.3	33.8	172.6	311.9
467.2	L	55 4E0									464.0	-36.4	33.9	172.5	312.0
468.6	L	56 5D3									465.4	-36.6	34.0	172.5	312.1
469.6	P		2820	2.							466.4	-36.7	34.1	172.5	312.2
471.2	P		2821	1.							468.0	-36.8	34.2	172.4	312.3
471.8	S				PS2				66.	185.	468.6	-36.9	34.3	172.4	312.4
472.8	P		2822	2.							469.5	-37.0	34.3	172.4	312.5
474.8	P		2823	2.							471.5	-37.2	34.5	172.3	312.7
476.8	P		2824	2.							473.5	-37.4	34.7	172.3	312.8
477.8	S				PS2				65.	185.	474.5	-37.5	34.8	172.3	312.9
478.6	P		2825	2.							475.3	-37.5	34.9	172.2	313.0
479.4	L	57 4E"									476.1	-37.6	34.9	172.2	313.1
484.1	S				CS2				55.	185.	480.7	-38.1	35.4	172.1	313.5
487.7	R										484.3	-38.5	35.7	172.0	313.8
490.1	S				CS2				75.	185.	486.7	-38.7	36.0	171.7	313.2
494.5	L	58 5B7									491.0	-39.2	36.4	171.1	312.1
496.2	S				CS2				80.	185.	492.7	-39.4	36.6	170.9	311.6
496.3	L	59 5D3									492.8	-39.4	36.6	170.9	311.6
502.2	S				CS2				78.	185.	498.6	-40.1	37.2	170.1	310.1
502.8	L	60 5B0									499.2	-40.2	37.3	170.0	309.9
508.4	S				CS2				74.	185.	504.7	-41.0	37.9	169.3	308.5
510.6	L	61 5B7									506.9	-41.3	38.2	169.0	307.9
514.3	S				CS2				70.	185.	510.5	-41.9	38.6	168.5	307.0
518.2	R										514.3	-42.5	39.1	168.0	306.0
520.5	S				CS2				72.	185.	516.6	-42.9	39.4	167.8	306.4
526.7	S				CS2				73.	185.	522.6	-44.0	40.2	167.4	307.5
532.8	S				CS2				70.	185.	528.6	-45.0	41.0	167.0	308.5
534.5	L	62 5B6									530.2	-45.3	41.3	166.9	308.8
536.6	L	63 5B2									532.3	-45.7	41.6	166.8	309.1

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COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		STRUCTURAL LOG					TRUE				
							S1		S2					
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA DIPD		CA DIPD	DEPTH	EASTING	NORTHING	Z	AZ
538.9	L	64 5B6								534.5	-46.1	41.9	166.6	309.5
538.9	S				CS2				72. 185.	534.5	-46.1	41.9	166.6	309.5
541.4	L	65 5A3								537.0	-46.6	42.3	166.5	310.0
544.3	S				CS2				69. 185.	539.8	-47.1	42.7	166.3	310.5
548.6	R									544.0	-47.9	43.4	166.0	311.2
550.2	L	66 5B6								545.5	-48.2	43.6	165.8	311.0
550.6	S				CS2				61. 185.	545.9	-48.2	43.7	165.8	311.0
551.2	P		2826	2.						546.5	-48.3	43.8	165.7	310.9
553.1	P		2827	2.						548.4	-48.7	44.1	165.5	310.6
555.1	P		2828	2.						550.3	-49.1	44.4	165.3	310.4
556.5	S				CS2				75. 185.	551.6	-49.4	44.7	165.2	310.2
557.2	P		2829	2.						552.3	-49.5	44.8	165.1	310.1
559.2	P		2830	2.						554.2	-49.9	45.1	164.9	309.9
560.1	L	67 4A0								555.1	-50.1	45.3	164.8	309.8
560.6	P		2831	1.						555.6	-50.2	45.3	164.7	309.7
561.7	P		2832	1.						556.7	-50.4	45.5	164.6	309.6
562.3	L	68 4A0								557.2	-50.5	45.6	164.6	309.5
562.5	S				CS2				68. 185.	557.4	-50.6	45.7	164.5	309.5
564.1	L	69 5D3								558.9	-50.9	45.9	164.4	309.3
565.7	L	70 5AD								560.5	-51.2	46.2	164.2	309.1
567.2	L	71 4A0								561.9	-51.5	46.5	164.0	308.9
568.7	L	72 5D6								563.4	-51.9	46.7	163.9	308.7
568.7	S				CS2				80. 185.	563.4	-51.9	46.7	163.9	308.7
569.7	L	73 4A0								564.3	-52.1	46.9	163.8	308.6
573.9	L	74 5D6								568.4	-53.0	47.6	163.3	308.0
574.7	S				CS2				68. 185.	569.1	-53.2	47.8	163.3	307.9
574.8	L	75 4A0								569.2	-53.2	47.8	163.3	307.9
576.0	L	76 5D6								570.4	-53.5	48.0	163.1	307.8
579.1	R									573.3	-54.2	48.6	162.8	307.4
580.9	S				CS2				64. 185.	575.0	-54.6	48.9	162.8	308.2
583.1	L	77 5A1								577.1	-55.1	49.3	162.7	309.2
583.6	P		2833	1.						577.6	-55.3	49.4	162.7	309.4
585.1	P		2834	2.						579.1	-55.6	49.7	162.7	310.0
586.8	P		2835	1.						580.7	-56.0	50.0	162.6	310.8
586.8	S				CS2				75. 185.	580.7	-56.0	50.0	162.6	310.8
587.5	L	78 4A0								581.3	-56.2	50.1	162.6	311.1
588.5	P		2836	2.						582.3	-56.4	50.3	162.6	311.5
590.5	P		2837	2.						584.2	-56.8	50.7	162.6	312.4

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****

COLLAR COORDINATES -- EAST: 597572.0 METERS NORTH: 6901090.0 METERS ELEV: 1073.1 METERS

DDH			GEOCHM LOG		-------- STRUCTURAL LOG --------						TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	DEPTH	EASTING	NORTHING	Z	AZ
716.2	R										703.4	-79.7	83.4	160.8	327.5

FINISHED -- LENGTH = 716.20 METERS ENTRIES = 320