

06 E-10

019241

GPS PQS001,,DRHOLE

AT: 11/15/77 18:19:40 JOB: 29493 UU 40-01-048 8888888888 1

!EQUATE 1 RL66E6.FD  
!DEFINE RL66E6.TD KEY:  
!EQUATE 2 RL66E6.TD  
!DDHCOR.DH



\*\*\*\*\*

\* DDH: 66E-6 \*

\*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 15399.8 NORTH: 7736.4  
ELEV: 4008.8

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

	1	2	3	4	5
1	T66E-6	4008.7907736	4015399.80		
2	R66E-6	00000	178.9 037.0	AT COLLAR	
3	R66E-6	01000	178.3 037.0		
4	R66E-6	02000	177.1 037.0		
5	R66E-6	03000	176.0 037.0		
6	R66E-6	04000	174.9 037.0		
7	R66E-6	05000	173.7 037.0		
8	L66E-6	00000 00520	01 #		
9	L66E-6	00520 00953	02 1D0		
10	L66E-6	00953 01028	03 1D0		
11	L66E-6	01028 01129	04 1D0		
12	L66E-6	01129 01200	05 1E0		
13	L66E-6	01200 01260	06 1D4		
14	L66E-6	01260 01280	07 2H3		
15	L66E-6	01280 01550	08 1D4		
16	L66E-6	01550 01890	09 1D0		
17	L66E-6	01890 02050	10 1D4		
18	L66E-6	02050 02075	11 2A0		
19	L66E-6	02075 02080	12 2C0		
20	L66E-6	02080 02085	13 2E0		
21	L66E-6	02085 02190	14 2D0		
22	L66E-6	02190 02242	15 1D4		
23	L66E-6	02242 02325	16 2D4		
24	L66E-6	02325 02375	17 1D4		
25	L66E-6	02375 02390	18 2E0		
26	L66E-6	02390 02470	19 1D4		
27	L66E-6	02470 02495	20 2A0		
28	L66E-6	02495 02640	21 2J3		
29	L66E-6	02640 02750	22 2F0		
30	L66E-6	02750 02875	23 2C0		
31	L66E-6	02875 02900	24 2J3		
32	L66E-6	02900 02995	25 2D0		
33	L66E-6	02995 03020	26 2A0		
34	L66E-6	03020 03040	27 1D4		
35	L66E-6	03040 03115	28 2C4		
36	L66E-6	03115 03145	29 1D4		

1.....1.....2.....3.....4.....5  
0 0 0 0 0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 66E-6 \*

\*\*\*\*\*

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

	1	2	3	4	5
1.....0.....0.....0.....0.....0.					
37 L66E-6	03145	04480	30	1CD	
38 L66E-6	04480	04540	31	1CD	
39 L66E-6	04540	04615	32	1F5	
40 L66E-6	04615	05000	33	1CD	
41 S66E-6		00525	PS2		70210
42 S66E-6		00810	PS2		65210
43 S66E-6		01120	PS2		70210
44 S66E-6		01180	PS2		63210
45 S66E-6		01440	PS2		68210
46 S66E-6		01560	PS2		68210
47 S66E-6		01700	PS2		68210
48 S66E-6		01900	PS2		62210
49 S66E-6		02065	PS2		57210
50 S66E-6		02350	PS2		68210
51 S66E-6		02465	PS2		80210
52 S66E-6		02760	PS2		30210
53 S66E-6		02835	PS2		30210
54 S66E-6		02970	PS2		70210
55 S66E-6		03260	PS2		80210
56 S66E-6		03460	PS2		75210
57 S66E-6		03720	PS2		40030
58 S66E-6		03920	PS2		60210
59 S66E-6		04160	PS2		45210
60 S66E-6		04430	PS2		80210
61 S66E-6		04540	PS2		20210
62 S66E-6		04615	PS2		30210
63 S66E-6		04770	PS2		60030
64 S66E-6		04940	PS2		20030
1.....1.....2.....3.....4.....5					
0.....0.....0.....0.....0					

DDH: 66E-6 -- SUMMARY OF DATA INPUT

RECORDS READ = 64 RELEASED TO SORT 68

TYPE-L = 33

TYPE-P = 0

TYPE-R = 6

TYPE-S = 24

TYPE-X = 4 ( GENERATED TO DEPTH: 400.0 FEET )

DRILLHOLE TRUE DEPTH (VERTICAL) = 500.0 FEET

MOORE BUSINESS FORMS - 7

\*\*\*\*\*  
\* DDH: 66E-6 \*  
\*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 15399.8 NORTH: 7736.4  
ELEV: 4008.8

---- UNITS OF MEASUREMENT ARE FEET ----

BOREHOLE SECTION 1 -- DEPTH: 0. - 100.00 FEET  
ZENITH ANG: 178.90 - 178.30  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 2 -- DEPTH: 100.00 - 200.00 FEET  
ZENITH ANG: 178.30 - 177.10  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 3 -- DEPTH: 200.00 - 300.00 FEET  
ZENITH ANG: 177.10 - 176.00  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 4 -- DEPTH: 300.00 - 400.00 FEET  
ZENITH ANG: 176.00 - 174.90  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 5 -- DEPTH: 400.00 - 500.00 FEET  
ZENITH ANG: 174.90 - 173.70  
AZIMUTH: 37.00 - 37.00

FINISHED -- BOREHOLE LENGTH = 500.00 FEET  
FILE SIZE = 68

\*\*\*\*\*

\* DDH: 66E-6 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 15399.8 FEET NORTH: 7736.4 FEET ELEV: 4008.8 FEET

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

DDH FEET =====	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.	178.9	37.0
52.0	L	01 #						52.0	.7	.9	178.6	37.0
52.5	S			PS2			70. 210.	52.5	.7	.9	178.6	37.0
81.0	S			PS2			65. 210.	81.0	1.1	1.5	178.4	37.0
95.3	L	02 1D0						95.3	1.4	1.8	178.3	37.0
100.0	R							100.0	1.5	2.0	178.3	37.0
102.8	L	03 1D0						102.8	1.5	2.0	178.3	37.0
112.0	S			PS2			70. 210.	112.0	1.7	2.2	178.2	37.0
112.9	L	04 1D0						112.9	1.7	2.3	178.1	37.0
118.0	S			PS2			63. 210.	118.0	1.8	2.4	178.1	37.0
120.0	L	05 1E0						120.0	1.9	2.5	178.1	37.0
126.0	L	06 1D4						126.0	2.0	2.6	178.0	37.0
128.0	L	07 2H3						128.0	2.0	2.7	178.0	37.0
144.0	S			PS2			68. 210.	143.9	2.4	3.2	177.8	37.0
155.0	L	08 1D4						154.9	2.6	3.5	177.6	37.0
156.0	S			PS2			68. 210.	155.9	2.7	3.5	177.6	37.0
170.0	S			PS2			68. 210.	169.9	3.0	4.0	177.5	37.0
189.0	L	09 1D0						188.9	3.6	4.7	177.2	37.0
190.0	S			PS2			62. 210.	189.9	3.6	4.8	177.2	37.0
200.0	R							199.9	3.9	5.2	177.1	37.0
205.0	L	10 1D4						204.9	4.0	5.4	177.0	37.0
206.5	S			PS2			57. 210.	206.4	4.1	5.4	177.0	37.0
207.5	L	11 2A0						207.4	4.1	5.5	177.0	37.0
208.0	L	12 2C0						207.9	4.1	5.5	177.0	37.0
208.5	L	13 2E0						208.4	4.1	5.5	177.0	37.0
219.0	L	14 2D0						218.9	4.5	6.0	176.9	37.0
224.2	L	15 1D4						224.1	4.7	6.2	176.8	37.0
232.5	L	16 2D4						232.3	4.9	6.6	176.7	37.0
235.0	S			PS2			68. 210.	234.8	5.0	6.7	176.7	37.0
237.5	L	17 1D4						237.3	5.1	6.8	176.7	37.0
239.0	L	18 2E0						238.8	5.2	6.8	176.7	37.0
246.5	S			PS2			80. 210.	246.3	5.4	7.2	176.6	37.0
247.0	L	19 1D4						246.8	5.4	7.2	176.6	37.0
249.5	L	20 2A0						249.3	5.5	7.3	176.6	37.0
264.0	L	21 2J3						263.8	6.1	8.1	176.4	37.0
275.0	L	22 2F0						274.8	6.5	8.6	176.3	37.0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 66E-6 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 15399.8 FEET NORTH: 7736.4 FEET ELEV: 4008.8 FEET

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

DDH FEET	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
276.0	S			PS2			30. 210.	275.8	6.5	8.7	176.3	37.0
283.5	S			PS2			30. 210.	283.2	6.8	9.1	176.2	37.0
287.5	L	23 2C0						287.2	7.0	9.3	176.1	37.0
290.0	L	24 2J3						289.7	7.1	9.4	176.1	37.0
297.0	S			PS2			70. 210.	296.7	7.4	9.8	176.0	37.0
299.5	L	25 2D0						299.2	7.5	9.9	176.0	37.0
300.0	R							299.7	7.5	10.0	176.0	37.0
302.0	L	26 2A0						301.7	7.6	10.1	176.0	37.0
304.0	L	27 1D4						303.7	7.7	10.2	176.0	37.0
311.5	L	28 2C4						311.2	8.0	10.6	175.9	37.0
314.5	L	29 1D4						314.2	8.1	10.8	175.8	37.0
326.0	S			PS2			80. 210.	325.6	8.6	11.5	175.7	37.0
346.0	S			PS2			75. 210.	345.6	9.6	12.7	175.5	37.0
372.0	S			PS2			40. 30.	371.5	10.8	14.4	175.2	37.0
392.0	S			PS2			60. 210.	391.4	11.9	15.7	175.0	37.0
400.0	R							399.4	12.3	16.3	174.9	37.0
416.0	S			PS2			45. 210.	415.3	13.2	17.5	174.7	37.0
443.0	S			PS2			80. 210.	442.2	14.7	19.5	174.4	37.0
448.0	L	30 1CD						447.2	15.0	19.9	174.3	37.0
454.0	L	31 1CD						453.1	15.4	20.4	174.3	37.0
454.0	S			PS2			20. 210.	453.1	15.4	20.4	174.3	37.0
461.5	L	32 1F5						460.6	15.8	21.0	174.2	37.0
461.5	S			PS2			30. 210.	460.6	15.8	21.0	174.2	37.0
477.0	S			PS2			60. 30.	476.0	16.8	22.3	174.0	37.0
494.0	S			PS2			20. 30.	492.9	17.9	23.7	173.8	37.0
500.0	L	33 1CD						498.9	18.3	24.2	173.7	37.0
500.0	R							498.9	18.3	24.2	173.7	37.0

FINISHED -- LENGTH = 500.00 FEET ENTRIES = 68

MOORE BUSINESS FORMS - 7

STOP FINISHED

SRU'S:11.6

!OFF

USAGE ON 11/15/77 AT 18:03:22

SRU'S:15.4 ELAPSED TIME: 00:00:09

65-9

GPS PQS001,,DRHOLE

AT: 11/15/77 17:12:21 JOB: 30248 UU 40-01-048 8888888888 1

!EQUATE 2 RL659.TD  
!DEFINE RL659.PF KEY:0 ON:SPN  
!EQUATE 20 RL659.PF  
!DDHPLT.DH



THIS CALCOMP SOFTWARE IS DISTRIBUTED BY COMPUTREX  
CENTRES FOR USE AT C.S.C., TORONTO ONLY, WITH THE  
UNDERSTANDING THAT ALL SOFTWARE PROPRIETARY  
RIGHTS WILL BE HONOURED. USE OF THIS PROGRAM  
BY UNAUTHORIZED PERSONS IS PROHIBITED.

\*\*\*\*\*

\* DDH: 65-9 \* PLOT OF CORRECTED DRILLHOLE DATA

\*\*\*\*\*

DATA READ COMPLETED -- CARDS = 50  
POINTS = 49 MAX DDH DEPTH = 477.0 FEET  
MAX TRUE DEPTH = 476.1 FEET

EASTING: 0. - 16.4 FEET  
NORTHING: 0. - 21.8 FEET

TYPE C DATA (CONTACTS) ----- 27  
TYPE F DATA (PLANES) ----- 12  
TYPE P DATA (SAMPLES) ----- 0  
TYPE S DATA (SYMMETRY) ----- 0  
TYPE X DATA (REF MARKERS) -- 4

GEOLOGICAL CONTACTS

SEQ	DDH FEET	RKUNIT	SEQ	DDH FEET	RKUNIT	SEQ	DDH FEET	RKUNIT	SEQ	DDH FEET	RKUNIT
=====			=====			=====			=====		
1	44.0	01 #	8	335.5	08 1D0	15	375.0	15 2H1	22	426.5	22 2F0
2	101.2	02 3A0	9	342.0	09 0Q0	16	402.9	16 2F0	23	441.8	23 2C0
3	136.0	03 3C0	10	345.0	10 1D0	17	406.2	17 2H0	24	449.5	24 2A0
4	177.8	04 3A0	11	348.2	11 2A0	18	414.2	18 2F0	25	462.6	25 2C0
5	224.8	05 1D0	12	354.5	12 2C0	19	415.4	19 2H0	26	472.0	26 2A0
6	274.0	06 1F0	13	358.0	13 2A0	20	418.4	20 2G0	27	477.0	27 1D0
7	305.0	07 0E8	14	370.5	14 2F0	21	425.0	21 2E2			

MOORE BUSINESS FORMS - 7

PROGRAM COMMAND: PLOTA,600,45,B

\*\*\*\*\*

\* DDH: 65-9 \* START PLOT NUMBER 1  
\*\*\*\*\*

PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 45. DEGREES -- VIEW AZIMUTH: 315. DEGREES

PLOT SCALE IS AT A RATIO OF: 1: 600. = 50.0 FEET /INCH

X-AXIS PLOT LIMITS: 0. - .54 (INCHES)  
Y-AXIS BOREHOLE LENGTH: 9.52 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 477.0 FEET J = 1 - 49

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

PROGRAM COMMAND: PLOTB,600,45,B

\*\*\*\*\*

\* DDH: 65-9 \* START PLOT NUMBER 2  
\*\*\*\*\*

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

PROJECTION PLANE BEARS 45. DEGREES -- VIEW AZIMUTH: 315. DEGREES

PLOT SCALE IS AT A RATIO OF: 1: 600. = 50.0 FEET /INCH

X-AXIS PLOT LIMITS: 0. - .54 (INCHES)  
Y-AXIS BOREHOLE LENGTH: 9.52 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 477.0 FEET J = 1 - 49

\*\*\*\*\*

\* DDH: 65-9 \* ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2

\*\*\*\*\*

PROJECTION PLANE AZIMUTH = 45.0 VIEW AZIMUTH = 315.0

S1 PLANE (NOT PLOTTED)

S2 PLANE (PLOTTED)

DDH FEET	Z-ANG	AZ	OBSERVED			CALCULATED			PLOT PARAMETERS			
			CA	DIPD	DIP	DIPD	AP-DIP	H	V			
54.0	178.6	37.0				75.	210.	16.4	210.0	-15.9	-.19	-.05
80.0	178.4	37.0				80.	210.	11.6	210.0	-11.2	-.20	-.04
108.0	178.2	37.0				75.	210.	16.8	210.0	-16.2	-.19	-.06
141.0	177.8	37.0				82.	210.	10.2	210.0	-9.8	-.20	-.03
170.0	177.5	37.0				85.	210.	7.5	217.0	-7.4	-.20	-.03
201.0	177.1	37.0				80.	210.	12.9	210.0	-12.4	-.20	-.04
234.5	176.7	37.0				80.	210.	13.3	210.0	-12.8	-.20	-.04
263.0	176.4	37.0				68.	210.	25.6	210.0	-24.8	-.18	-.08
318.0	175.8	37.0				65.	210.	29.2	210.0	-28.3	-.18	-.09
347.0	175.5	37.0				75.	210.	19.5	210.0	-18.8	-.19	-.06
443.0	174.9	37.0				45.	210.	50.1	210.0	-49.1	-.13	-.15
468.0	174.9	37.0				68.	210.	27.1	210.0	-26.3	-.18	-.09

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

MOORE BUSINESS FORMS - 7

PROGRAM COMMAND: PLOTA,600,135,B

\*\*\*\*\*

\* DDH: 65-9 \* START PLOT NUMBER 3

\*\*\*\*\*

PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

PROJECTION PLANE BEARS 135. DEGREES -- VIEW AZIMUTH: 45. DEGREES

PLOT SCALE IS AT A RATIO OF: 1: 600. = 50.0 FEET /INCH

X-AXIS PLOT LIMITS: -.08 - 0. (INCHES)

Y-AXIS BOREHOLE LENGTH: 9.52 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 477.0 FEET J = 1 - 49

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

PROGRAM COMMAND: PLOTB,600,135,B

\*\*\*\*\*

\* DDH: 65-9 \* START PLOT NUMBER 4

\*\*\*\*\*

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

PROJECTION PLANE BEARS 135. DEGREES -- VIEW AZIMUTH: 45. DEGREES

PLOT SCALE IS AT A RATIO OF: 1: 600. = 50.0 FEET /INCH

X-AXIS PLOT LIMITS: -.08 - 0. (INCHES)

Y-AXIS BOREHOLE LENGTH: 9.52 (INCHES)

BOREHOLE LIMITS FOR PLOTTING: 0. - 477.0 FEET J = 1 - 49

\*\*\*\*\*

\* DDH: 65-9 \* ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2

\*\*\*\*\*

PROJECTION PLANE AZIMUTH = 135.0 VIEW AZIMUTH = 45.0

S1 PLANE (NOT PLOTTED)

S2 PLANE (PLOTTED)

DDH FEET	Z-ANG	AZ	OBSERVED			CALCULATED			PLOT PARAMETERS			
			CA	DIPD		DIP	DIPD	AP-DIP	H	V		
54.0	178.6	37.0				75.	210.	16.4	210.0	4.4	.20	.02
80.0	178.4	37.0				80.	210.	11.6	210.0	3.0	.20	.01
108.0	178.2	37.0				75.	210.	16.8	210.0	4.5	.20	.02
141.0	177.8	37.0				82.	210.	10.2	210.0	2.7	.20	.01
170.0	177.5	37.0				85.	210.	7.5	217.0	1.0	.20	.00
201.0	177.1	37.0				80.	210.	12.9	210.0	3.4	.20	.01
234.5	176.7	37.0				80.	210.	13.3	210.0	3.5	.20	.01
263.0	176.4	37.0				68.	210.	25.6	210.0	7.1	.20	.02
318.0	175.8	37.0				65.	210.	29.2	210.0	8.2	.20	.03
347.0	175.5	37.0				75.	210.	19.5	210.0	5.2	.20	.02
443.0	174.9	37.0				45.	210.	50.1	210.0	17.2	.19	.06
468.0	174.9	37.0				68.	210.	27.1	210.0	7.5	.20	.03

\*\*\*\*\* PLOT NUMBER 4 FINISHED \*\*\*\*\*

MOORE BUSINESS FORMS - 7

STOP ALL PLOTS FINISHED

SRU'S:9.8

!OFF

USAGE ON 11/15/77 AT 17:09:06

SRU'S:13.6 ELAPSED TIME: 00:00:08

74-2

GPS PQS001,,DRHOLE

AT: 11/15/77 18:20:36 JOB: 29634 UU 40-01-048 8888888888 2

```
!EQUATE 1 RL742.FD
!DEFINE RL742.TD KEY:
!EQUATE 2 RL742.TD
!DDHCOR.DH
```

\*\*\*\*\*

\* DDH: 74-2 \*

\*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 16792.1 NORTH: 7375.8  
ELEV: 4021.5

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

	1	2	3	4	5
1	T74-2	4021.5007375	8016792.05		
2	R74-2	00000	178.9 037.0	AT COLLAR	
3	R74-2	01000	178.3 037.0		
4	R74-2	02000	177.1 037.0		
5	R74-2	03000	176.0 037.0		
6	R74-2	04000	174.9 037.0		
7	R74-2	05000	173.7 037.0		
8	R74-2	06000	172.6 037.0		
9	R74-2	07000	171.5 037.0		
10	R74-2	08000	170.4 037.0		
11	R74-2	09000	169.3 037.0		
12	L74-2	00000	00100	01	#1
13	L74-2	00100	00750	02	1CD
14	L74-2	00750	02270	03	0E8
15	L74-2	02270	02318	04	1D4
16	L74-2	02318	02980	05	0E8
17	L74-2	02980	03130	06	1D4
18	L74-2	03130	03155	07	0E6
19	L74-2	03155	03178	08	2C0
20	L74-2	03178	03220	09	1D4
21	L74-2	03220	03235	10	2C0
22	L74-2	03235	03250	11	2D0
23	L74-2	03250	03280	12	2C0
24	L74-2	03280	03570	13	1D4
25	L74-2	03570	03665	14	2C7
26	L74-2	03665	03690	15	2A0
27	L74-2	03690	03770	16	2E0
28	L74-2	03770	03910	17	1D4
29	L74-2	03910	03928	18	2CE
30	L74-2	03928	04015	19	2A0
31	L74-2	04015	04045	20	2D5
32	L74-2	04045	04750	21	2A0
33	L74-2	04750	04830	22	2FE
34	L74-2	04830	04880	23	2D0
35	L74-2	04880	05230	24	1D4

1.....1.....2.....3.....4.....5  
0 0 0 0 0

MOORE BUSINESS FORMS - 7

DDH: 74-2 -- SUMMARY OF DATA INPUT

RECORDS READ = 35    RELEASED TO SORT    43  
TYPE-L = 24  
TYPE-P = 0  
TYPE-R = 10  
TYPE-S = 0  
TYPE-X = 8    ( GENERATED TO DEPTH: 800.0 FEET )

DRILLHOLE TRUE DEPTH (VERTICAL) = 900.0 FEET

L

\*\*\*\*\*

\* DDH: 74-2 \*

\*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 16792.1 NORTH: 7375.8  
ELEV: 4021.5

---- UNITS OF MEASUREMENT ARE FEET ----

BOREHOLE SECTION 1 -- DEPTH: 0. - 100.00 FEET  
ZENITH ANG: 178.90 - 178.30  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 2 -- DEPTH: 100.00 - 200.00 FEET  
ZENITH ANG: 178.30 - 177.10  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 3 -- DEPTH: 200.00 - 300.00 FEET  
ZENITH ANG: 177.10 - 176.00  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 4 -- DEPTH: 300.00 - 400.00 FEET  
ZENITH ANG: 176.00 - 174.90  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 5 -- DEPTH: 400.00 - 500.00 FEET  
ZENITH ANG: 174.90 - 173.70  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 6 -- DEPTH: 500.00 - 600.00 FEET  
ZENITH ANG: 173.70 - 172.60  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 7 -- DEPTH: 600.00 - 700.00 FEET  
ZENITH ANG: 172.60 - 171.50  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 8 -- DEPTH: 700.00 - 800.00 FEET  
ZENITH ANG: 171.50 - 170.40  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 9 -- DEPTH: 800.00 - 900.00 FEET  
ZENITH ANG: 170.40 - 169.30  
AZIMUTH: 37.00 - 37.00

FINISHED -- BOREHOLE LENGTH = 900.00 FEET  
FILE SIZE = 43

\*\*\*\*\*

\* DDH: 74-2 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 16792.1 FEET NORTH: 7375.8 FEET ELEV: 4021.5 FEET

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

DDH FEET =====	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.	178.9	37.0
10.0	L	01 #1						10.0	.1	.2	178.8	37.0
75.0	L	02 1CD						75.0	1.0	1.4	178.5	37.0
100.0	R							100.0	1.5	2.0	178.3	37.0
200.0	R							199.9	3.9	5.2	177.1	37.0
227.0	L	03 0E8						226.8	4.7	6.3	176.8	37.0
231.8	L	04 1D4						231.6	4.9	6.5	176.8	37.0
298.0	L	05 0E8						297.7	7.4	9.9	176.0	37.0
300.0	R							299.7	7.5	10.0	176.0	37.0
313.0	L	06 1D4						312.7	8.1	10.7	175.9	37.0
315.5	L	07 0E6						315.2	8.2	10.8	175.8	37.0
317.8	L	08 2C0						317.5	8.3	11.0	175.8	37.0
322.0	L	09 1D4						321.6	8.5	11.2	175.8	37.0
323.5	L	10 2C0						323.1	8.5	11.3	175.7	37.0
325.0	L	11 2D0						324.6	8.6	11.4	175.7	37.0
328.0	L	12 2C0						327.6	8.7	11.6	175.7	37.0
357.0	L	13 1D4						356.5	10.1	13.4	175.4	37.0
366.5	L	14 2C7						366.0	10.6	14.0	175.3	37.0
369.0	L	15 2A0						368.5	10.7	14.2	175.2	37.0
377.0	L	16 2E0						376.5	11.1	14.7	175.2	37.0
391.0	L	17 1D4						390.4	11.8	15.7	175.0	37.0
392.8	L	18 2CE						392.2	11.9	15.8	175.0	37.0
400.0	R							399.4	12.3	16.3	174.9	37.0
401.5	L	19 2A0						400.9	12.4	16.4	174.9	37.0
404.5	L	20 2D5						403.9	12.5	16.6	174.8	37.0
475.0	L	21 2A0						474.0	16.6	22.1	174.0	37.0
483.0	L	22 2FE						482.0	17.2	22.8	173.9	37.0
488.0	L	23 2D0						487.0	17.5	23.2	173.8	37.0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 74-2 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 16792.1 FEET NORTH: 7375.8 FEET ELEV: 4021.5 FEET

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

DDH FEET =====	CODE =====	LITH =====	GEOCHM LOG NO INT =====	FEAT =====	SYM =====	S1 CA DIPD =====	S2 CA DIPD =====	TRUE DEPTH =====	EASTING =====	NORTHING =====	Z =====	AZ =====
500.0	R							498.9	18.3	24.2	173.7	37.0
523.0	L	24 1D4						521.7	19.8	26.3	173.4	37.0
600.0	R							598.2	25.4	33.8	172.6	37.0
700.0	R							697.2	33.8	44.8	171.5	37.0
800.0	R							796.0	43.2	57.4	170.4	37.0
900.0	R							894.4	53.8	71.4	169.3	37.0

FINISHED -- LENGTH = 900.00 FEET ENTRIES = 43

MOORE BUSINESS FORMS - 7

STOP FINISHED

SRU'S:8.1

!OFF

USAGE ON 11/15/77 AT 18:03:42

SRU'S:11.8 ELAPSED TIME: 00:00:08

67-12

GPS PQS001,,DRHOLE

AT: 11/15/77 18:21:02 JOB: 29719 UU 40-01-048 8888888888 3

MOORE BUSINESS FORMS - 7

!EQUATE 1 RL6712.FD  
!DEFINE RL6712.TD KEY:  
!EQUATE 2 RL6712.TD  
!DDHCOR.DH



\*\*\*\*\*  
 \* DDH: 67-12 \*  
 \*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 14602.0 NORTH: 8538.0  
 ELEV: 4061.0

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

	1	2	3	4	5
1	0	0	0	0	0
1 T67-12	4061.0008538	0014602.00			
2 R67-12	00000	178.9 037.0	AT COLLAR		
3 R67-12	01000	178.3 037.0			
4 R67-12	02000	177.1 037.0			
5 R67-12	03000	176.0 037.0			
6 R67-12	04000	174.9 037.0			
7 R67-12	05000	173.7 037.0			
8 R67-12	06000	172.6 037.0			
9 R67-12	07000	171.5 037.0			
10 R67-12	08000	170.4 037.0			
11 R67-12	09000	169.3 037.0			
12 L67-12	00000 00420	01 #			
13 L67-12	00420 01880	02 3D0			
14 L67-12	01880 02070	03 1F0			
15 L67-12	02070 02180	04 3D0			
16 L67-12	02180 02215	05 1D0			
17 L67-12	02215 02340	06 3D0			
18 L67-12	02340 02650	07 1D0			
19 L67-12	02770 03365	08 1D0			
20 L67-12	03365 03600	09 1CD			
21 L67-12	03600 03690	10 1D0			
22 L67-12	03690 04510	11 1CD			
23 L67-12	04510 04850	12 1CD			
24 L67-12	04850 04940	13 1D4			
25 L67-12	04940 04960	14 2C0			
26 L67-12	04960 05000	15 2E4			
27 L67-12	05000 05050	16 2F0			
28 L67-12	05050 05180	17 1D4			
29 L67-12	05180 05265	18 2C0			
30 L67-12	05265 05290	19 2H1			
31 L67-12	05290 05330	20 2C0			
32 L67-12	05330 05370	21 2B0			
33 L67-12	05370 05505	22 2A0			
34 L67-12	05505 05850	23 2D0			
35 L67-12	05850 05870	24 2H4			
36 L67-12	05870 05910	25 2E2			
	1	2	3	4	5
	0	0	0	0	0

MOORE BUSINESS FORMS - 2

\*\*\*\*\*

\* DDH: 67-12 \*

\*\*\*\*\*

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

	1	2	3	4	5
	1.....0	.....0	.....0	.....0	.....0
37	L67-12	05910	05940	26	2E2
38	L67-12	05940	05975	27	2C7
39	L67-12	05975	05987	28	2F4
40	L67-12	05987	06030	29	2E7
41	L67-12	06030	06043	30	2F0
42	L67-12	06043	06100	31	2C0
43	L67-12	06100	06160	32	2F0
44	L67-12	06160	06190	33	2C0
45	L67-12	06190	06205	34	2F0
46	L67-12	06205	06223	35	2C0
47	L67-12	06223	06271	36	2E2
48	L67-12	06271	06285	37	2F0
49	L67-12	06285	06295	38	1D4
50	L67-12	06295	06335	39	2E7
51	L67-12	06335	06345	40	2E2
52	L67-12	06345	06355	41	2E2
53	L67-12	06355	06400	42	2E8
54	L67-12	06400	06430	43	2F0
55	L67-12	06430	06440	44	2E2
56	L67-12	06440	06505	45	2E2
57	L67-12	06505	06520	46	2H0
58	L67-12	06520	06530	47	2E2
59	L67-12	06530	06680	48	2B0
60	L67-12	06680	06730	49	1D4
61	L67-12	06730	08640	50	1C0
62	L67-12	08640	08760	51	0E0
63	L67-12	08760	08865	52	1C0
64	L67-12	08865	09200	53	0E0
65	S67-12	00480	PS2	77210	
66	S67-12	00810	PS2	86210	
67	S67-12	01110	PS2	73210	
68	S67-12	01390	PS2	68210	
69	S67-12	01650	PS2	75210	
70	S67-12	01980	PS2	82210	
71	S67-12	02350	PS2	70210	
72	S67-12	02620	PS2	76210	
73	S67-12	02980	PS2	75210	
74	S67-12	03300	PS2	63210	
75	S67-12	03650	PS2	65210	
76	S67-12	03950	PS2	70210	
77	S67-12	04300	PS2	55210	
78	S67-12	04550	PS2	78210	

1.....1.....2.....3.....4.....5  
0 0 0 0 0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 67-12 \*

\*\*\*\*\*

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

	1	2	3	4	5
	1.....0.....0.....0.....0.....0.				
79	S67-12	04900 PS2		81210	
80	S67-12	05090 PS2		75210	
81	S67-12	05240 PS2		50210	
82	S67-12	05500 PS2		50210	
83	S67-12	06710 PS2		66210	
84	S67-12	07100 PS2		70210	
	1.....1.....2.....3.....4.....5				
	0.....0.....0.....0.....0				

DDH: 67-12 -- SUMMARY OF DATA INPUT

RECORDS READ = 84    RELEASED TO SORT    93  
 TYPE-L = 53  
 TYPE-P = 0  
 TYPE-R = 10  
 TYPE-S = 20  
 TYPE-X = 9    ( GENERATED TO DEPTH: 900.0 FEET )

DRILLHOLE TRUE DEPTH (VERTICAL) = 920.0 FEET

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 67-12 \*

\*\*\*\*\*

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

COLLAR COORDINATES -- EAST: 14602.0 NORTH: 8538.0

ELEV: 4061.0

---- UNITS OF MEASUREMENT ARE FEET ----

BOREHOLE SECTION 1 -- DEPTH: 0. - 100.00 FEET  
ZENITH ANG: 178.90 - 178.30  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 2 -- DEPTH: 100.00 - 200.00 FEET  
ZENITH ANG: 178.30 - 177.10  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 3 -- DEPTH: 200.00 - 300.00 FEET  
ZENITH ANG: 177.10 - 176.00  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 4 -- DEPTH: 300.00 - 400.00 FEET  
ZENITH ANG: 176.00 - 174.90  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 5 -- DEPTH: 400.00 - 500.00 FEET  
ZENITH ANG: 174.90 - 173.70  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 6 -- DEPTH: 500.00 - 600.00 FEET  
ZENITH ANG: 173.70 - 172.60  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 7 -- DEPTH: 600.00 - 700.00 FEET  
ZENITH ANG: 172.60 - 171.50  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 8 -- DEPTH: 700.00 - 800.00 FEET  
ZENITH ANG: 171.50 - 170.40  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 9 -- DEPTH: 800.00 - 900.00 FEET  
ZENITH ANG: 170.40 - 169.30  
AZIMUTH: 37.00 - 37.00

BOREHOLE SECTION 10 -- DEPTH: 900.00 - 920.00 FEET  
ZENITH ANG: 169.30 - 169.30  
AZIMUTH: 37.00 - 37.00

FINISHED -- BOREHOLE LENGTH = 920.00 FEET

FILE SIZE = 94

C

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 67-12 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 14602.0 FEET NORTH: 8538.0 FEET ELEV: 4061.0 FEET

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

DDH FEET =====	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.	178.9	37.0
42.0	L	01 #						42.0	.5	.7	178.6	37.0
48.0	S			PS2			77. 210.	48.0	.6	.8	178.6	37.0
81.0	S			PS2			86. 210.	81.0	1.1	1.5	178.4	37.0
100.0	R							100.0	1.5	2.0	178.3	37.0
111.0	S			PS2			73. 210.	111.0	1.7	2.2	178.2	37.0
139.0	S			PS2			68. 210.	138.9	2.3	3.0	177.8	37.0
165.0	S			PS2			75. 210.	164.9	2.9	3.8	177.5	37.0
188.0	L	02 3D0						187.9	3.5	4.7	177.2	37.0
198.0	S			PS2			82. 210.	197.9	3.8	5.1	177.1	37.0
200.0	R							199.9	3.9	5.2	177.1	37.0
207.0	L	03 1F0						206.9	4.1	5.4	177.0	37.0
218.0	L	04 3D0						217.9	4.5	5.9	176.9	37.0
221.5	L	05 1D0						221.4	4.6	6.1	176.9	37.0
234.0	L	06 3D0						233.8	5.0	6.6	176.7	37.0
235.0	S			PS2			70. 210.	234.8	5.0	6.7	176.7	37.0
262.0	S			PS2			76. 210.	261.8	6.0	8.0	176.4	37.0
265.0	L	07 1D0						264.8	6.1	8.1	176.4	37.0
298.0	S			PS2			75. 210.	297.7	7.4	9.9	176.0	37.0
300.0	R							299.7	7.5	10.0	176.0	37.0
330.0	S			PS2			63. 210.	329.6	8.8	11.7	175.7	37.0
336.5	L	08 1D0						336.1	9.1	12.1	175.6	37.0
360.0	L	09 1CD						359.5	10.2	13.6	175.3	37.0
365.0	S			PS2			65. 210.	364.5	10.5	13.9	175.3	37.0
369.0	L	10 1D0						368.5	10.7	14.2	175.2	37.0
395.0	S			PS2			70. 210.	394.4	12.0	15.9	175.0	37.0
400.0	R							399.4	12.3	16.3	174.9	37.0
430.0	S			PS2			55. 210.	429.3	13.9	18.5	174.5	37.0
451.0	L	11 1CD						450.2	15.2	20.1	174.3	37.0
455.0	S			PS2			78. 210.	454.1	15.4	20.5	174.2	37.0
485.0	L	12 1CD						484.0	17.3	22.9	173.9	37.0
490.0	S			PS2			81. 210.	489.0	17.6	23.4	173.8	37.0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 67-12 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 14602.0 FEET NORTH: 8538.0 FEET ELEV: 4061.0 FEET

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

DDH FEET =====	CODE =====	LITH =====	GEOCHM LOG NO INT =====	FEAT =====	SYM =====	S1 CA DIPD =====	S2 CA DIPD =====	TRUE DEPTH =====	EASTING =====	NORTHING =====	Z =====	AZ =====
494.0	L	13 1D4						492.9	17.9	23.7	173.8	37.0
496.0	L	14 2C0						494.9	18.0	23.9	173.7	37.0
500.0	L	15 2E4						498.9	18.3	24.2	173.7	37.0
500.0	R							498.9	18.3	24.2	173.7	37.0
505.0	L	16 2F0						503.9	18.6	24.7	173.6	37.0
509.0	S			PS2			75. 210.	507.8	18.9	25.0	173.6	37.0
518.0	L	17 1D4						516.8	19.5	25.8	173.5	37.0
524.0	S			PS2			50. 210.	522.7	19.9	26.4	173.4	37.0
526.5	L	18 2C0						525.2	20.0	26.6	173.4	37.0
529.0	L	19 2H1						527.7	20.2	26.8	173.4	37.0
533.0	L	20 2C0						531.7	20.5	27.2	173.3	37.0
537.0	L	21 2B0						535.7	20.8	27.6	173.3	37.0
550.0	S			PS2			50. 210.	548.6	21.7	28.8	173.2	37.0
550.5	L	22 2A0						549.1	21.7	28.8	173.1	37.0
585.0	L	23 2D0						583.3	24.3	32.2	172.8	37.0
587.0	L	24 2H4						585.3	24.4	32.4	172.7	37.0
591.0	L	25 2E2						589.3	24.7	32.8	172.7	37.0
594.0	L	26 2E2						592.2	25.0	33.1	172.7	37.0
597.5	L	27 2C7						595.7	25.2	33.5	172.6	37.0
598.7	L	28 2F4						596.9	25.3	33.6	172.6	37.0
600.0	R							598.2	25.4	33.8	172.6	37.0
603.0	L	29 2E7						601.2	25.7	34.1	172.6	37.0
604.3	L	30 2F0						602.4	25.8	34.2	172.6	37.0
610.0	L	31 2C0						608.1	26.2	34.8	172.5	37.0
616.0	L	32 2F0						614.0	26.7	35.4	172.4	37.0
619.0	L	33 2C0						617.0	26.9	35.7	172.4	37.0
620.5	L	34 2F0						618.5	27.0	35.9	172.4	37.0
622.3	L	35 2C0						620.3	27.2	36.1	172.4	37.0
627.1	L	36 2E2						625.0	27.6	36.6	172.3	37.0
628.5	L	37 2F0						626.4	27.7	36.7	172.3	37.0
629.5	L	38 1D4						627.4	27.8	36.9	172.3	37.0
633.5	L	39 2E7						631.4	28.1	37.3	172.2	37.0
634.5	L	40 2E2						632.4	28.2	37.4	172.2	37.0
635.5	L	41 2E2						633.4	28.3	37.5	172.2	37.0
640.0	L	42 2E8						637.8	28.6	38.0	172.2	37.0
643.0	L	43 2F0						640.8	28.9	38.3	172.1	37.0
644.0	L	44 2E2						641.8	29.0	38.4	172.1	37.0
650.5	L	45 2E2						648.2	29.5	39.1	172.0	37.0

MOORE BUSINESS FORMS - 7

\*\*\*\*\*

\* DDH: 67-12 \* SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR

\*\*\*\*\*

COLLAR COORDINATES -- EAST: 14602.0 FEET NORTH: 8538.0 FEET ELEV: 4061.0 FEET

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

DDH FEET =====	CODE =====	LITH =====	GEOCHM LOG NO INT =====	FEAT =====	SYM =====	S1 CA DIPD =====	S2 CA DIPD =====	TRUE DEPTH =====	EASTING =====	NORTHING =====	Z =====	AZ =====
652.0	L	46 2H0						649.7	29.6	39.3	172.0	37.0
653.0	L	47 2E2						650.7	29.7	39.4	172.0	37.0
668.0	L	48 2B0						665.6	31.0	41.1	171.9	37.0
671.0	S			PS2			66. 210.	668.5	31.2	41.4	171.8	37.0
673.0	L	49 1D4						670.5	31.4	41.7	171.8	37.0
700.0	R							697.2	33.8	44.8	171.5	37.0
710.0	S			PS2			70. 210.	707.1	34.7	46.0	171.4	37.0
800.0	R							796.0	43.2	57.4	170.4	37.0
864.0	L	50 1CD						859.0	49.9	66.2	169.7	37.0
876.0	L	51 0E0						870.8	51.2	67.9	169.6	37.0
886.5	L	52 1CD						881.1	52.3	69.4	169.4	37.0
900.0	R							894.4	53.8	71.4	169.3	37.0
920.0	L	53 0E0						914.1	56.1	74.4	169.3	37.0
920.0	R							914.1	56.1	74.4	169.3	37.0

FINISHED -- LENGTH = 920.00 FEET ENTRIES = 94

MOORE BUSINESS FORMS - 7

STOP FINISHED

SRU'S:14.7

!OFF

USAGE ON 11/15/77 AT 18:04:04

SRU'S:18.4 ELAPSED TIME: 00:00:10