76X-21

017645

GPS PQS001,,DRHOLE AT: 11/15/77 13:38:48 JOB: 20425 UU 40-01-048 8888888888 1

```
!EQUATE 1 76X21D.FD
!DEFINE 76X21D.TD KEY:
!EQUATE 2 76X21D.TD
!DDHCOR.DH
```

```
***********************
*     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
         1........0.........0.........0.........0.........0.
      1  T76X-21  01193.22264931100317033 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
                  0         0         0         0         0
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
   289  P76X-21   4306  4367 005472
        1........1.........2.........3.........4.........5
                 0         0         0         0         0

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

               RECORDS READ =  289   RELEASED TO SORT  327
               TYPE-L =   61
               TYPE-P =   72
               TYPE-R =    7
               TYPE-S =  148
               TYPE-X =   38   ( 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 =      328
```

****
* 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 METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

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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	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

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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	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

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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	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	FEAT	SYM	STRUCTURAL LOG 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
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COLLAR COORDINATES -- EAST: 317033.0 METERS NORTH: 22649311.0 METERS ELEV: 1193.2 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE 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

```
************************
*     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	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

****
* 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 METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

****
* 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 METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG 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

FINISHED -- LENGTH = 774.90 METERS ENTRIES = 328

```
 STOP FINISHED
SRU'S:45.3
!*
!DEFINE 76X21D.PF KEY:0 ON:SPN
!EQUATE 20 76X21D.PF
!DDHPLT.DH
```

```
************************
*     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,2000,005

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

                  PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                  PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                  X-AXIS PLOT LIMITS:    -.36 -     .01 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  15.23 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,005

            ************************
            *     DDH:  76X-21     *     START PLOT NUMBER  2
            ************************

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

                  PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                  X-AXIS PLOT LIMITS:    -.36 -     .01 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  15.23 (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 =   5.0   VIEW AZIMUTH = 275.0

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	30.0	80.	185.	10.0	185.0	-10.0	-.20	-.03
12.6	179.6	349.2	70.	320.	20.0	320.0	14.4	70.	185.	20.0	185.0	-20.0	-.19	-.07
16.1	179.5	346.2	60.	25.	29.6	25.0	28.1	70.	185.	20.0	185.0	-20.0	-.19	-.07
17.9	179.5	344.6	70.	50.	20.0	50.0	14.4	80.	185.	10.0	185.0	-10.0	-.20	-.03
22.0	179.4	341.1	50.	50.	39.8	50.0	30.5	80.	185.	10.0	185.0	-10.0	-.20	-.03
28.1	179.2	335.8	60.	50.	30.0	50.0	22.2	70.	185.	20.7	185.0	-20.7	-.19	-.07
37.3	179.0	335.6	80.	25.				65.	185.	25.9	185.0	-25.9	-.18	-.09
46.6	178.8	357.1	5.	25.	83.9	25.0	83.6	70.	185.	21.2	185.0	-21.2	-.19	-.07
52.8	178.8	11.5	40.	245.	50.7	245.0	-31.4	75.	185.	16.2	185.0	-16.2	-.19	-.06
59.2	178.7	26.4	70.	30.	18.7	30.0	17.1	85.	185.	5.2	206.4	-4.8	-.20	-.02
64.9	178.6	39.6	50.	15.	38.7	15.0	38.3	65.	185.	26.1	185.0	-26.1	-.18	-.09
68.4	178.6	47.7	60.	5.	29.0	5.0	29.0	70.	185.	21.0	185.0	-21.0	-.19	-.07
70.1	178.5	51.7	70.	330.	19.9	330.0	16.6	70.	185.	21.0	185.0	-21.0	-.19	-.07
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	38.2	70.	185.	19.9	185.0	-19.9	-.19	-.07
85.0	178.3	86.2	80.	5.	9.9	5.0	9.9	70.	185.	19.9	185.0	-19.9	-.19	-.07
86.8	178.3	90.4	40.	5.	50.0	5.0	50.0	70.	185.	19.9	185.0	-19.9	-.19	-.07
92.3	178.2	103.2	30.	5.	60.2	5.0	60.2	80.	185.	9.8	185.0	-9.8	-.20	-.03
93.7	178.2	106.4	30.	5.	60.3	5.0	60.3	70.	185.	19.9	185.0	-19.9	-.19	-.07
102.4	178.1	126.6	65.	340.	26.6	340.0	24.4	60.	185.	29.0	185.0	-29.0	-.17	-.10
106.5	178.1	136.1	60.	5.	31.2	5.0	31.2	80.	185.	8.6	185.0	-8.6	-.20	-.03
114.7	177.9	147.7	85.	45.				75.	185.	13.3	185.0	-13.3	-.19	-.05
116.4	177.8	148.0	60.	35.	30.8	35.0	27.3	80.	185.	8.2	185.0	-8.2	-.20	-.03
121.6	177.6	149.0	60.	5.	31.9	5.0	31.9	85.	185.					
133.3	177.1	151.4	40.	230.	49.4	230.0	-39.5	80.	185.	7.5	185.0	-7.5	-.20	-.03
139.5	176.9	152.6	50.	5.	42.6	5.0	42.6	70.	185.	17.3	185.0	-17.3	-.19	-.06
144.7	176.7	153.6	60.	330.	33.3	330.0	28.3	60.	185.	27.1	185.0	-27.1	-.18	-.09
153.0	176.4	155.2	50.	55.	40.5	55.0	28.8	65.	185.	21.8	185.0	-21.8	-.19	-.07
161.2	176.0	156.8	80.	45.	10.8	45.0	8.3	70.	185.	16.4	185.0	-16.4	-.19	-.06
168.5	175.7	158.3	80.	35.	11.7	35.0	10.2	65.	185.	21.1	185.0	-21.1	-.19	-.07
176.4	175.4	159.8	80.	325.	14.4	325.0	11.1	70.	185.	15.7	185.0	-15.7	-.19	-.05
181.3	175.2	160.8	80.	5.	14.2	5.0	14.2	65.	185.	20.5	185.0	-20.5	-.19	-.07
188.9	175.0	162.4	60.	5.	34.6	5.0	34.6	45.	185.	40.4	185.0	-40.4	-.15	-.13
195.6	175.0	164.3	40.	5.	54.7	5.0	54.7	85.	185.					
203.4	175.1	166.5	50.	5.	44.6	5.0	44.6	80.	185.	5.2	185.0	-5.2	-.20	-.02
214.4	175.1	169.6	70.	5.	24.7	5.0	24.7	75.	185.	10.2	185.0	-10.2	-.20	-.04
224.1	175.2	172.3	20.	5.	74.7	5.0	74.7	70.	185.	15.3	185.0	-15.3	-.19	-.05
226.4	175.2	173.0	60.	185.	25.3	185.0	-25.3	80.	185.	5.3	185.0	-5.3	-.20	-.02
237.5	175.2	176.1	50.	25.	44.1	25.0	42.4	85.	185.					
239.2	175.2	176.6	80.	5.	14.7	5.0	14.7	70.	185.	15.2	185.0	-15.2	-.19	-.05
245.9	175.3	178.5	80.	5.	14.7	5.0	14.7	70.	185.	15.3	185.0	-15.3	-.19	-.05

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

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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	32.5	70.	185.	15.3	185.0	-15.3	-.19	-.05
254.5	175.3	180.9	80.	5.	14.7	5.0	14.7	70.	185.	15.3	185.0	-15.3	-.19	-.05
259.0	175.3	182.1	70.	5.	24.7	5.0	24.7	60.	185.	25.3	185.0	-25.3	-.18	-.09
267.6	175.4	184.6	80.	335.	13.7	335.0	12.0	70.	185.	15.4	185.0	-15.4	-.19	-.05
272.1	175.4	185.8	40.	345.	54.3	345.0	52.6	80.	185.	5.4	185.0	-5.4	-.20	-.02
280.4	175.4	188.2	70.	5.	24.6	5.0	24.6	70.	185.	15.4	185.0	-15.4	-.19	-.05
284.0	175.5	189.2	70.	5.	24.5	5.0	24.5	65.	185.	20.5	185.0	-20.5	-.19	-.07
291.0	175.5	191.1	85.	5.				60.	185.	25.5	185.0	-25.5	-.18	-.09
293.8	175.5	191.9	50.	15.	44.5	15.0	44.1	70.	185.	15.5	185.0	-15.5	-.19	-.05
302.0	175.5	194.2	65.	185.	20.5	185.0	-20.5	70.	185.	15.5	185.0	-15.5	-.19	-.05
312.4	175.6	197.2	70.	185.	15.7	185.0	-15.7	80.	185.	5.7	185.0	-5.7	-.20	-.02
318.2	175.6	198.8	60.	345.	33.6	345.0	31.9	65.	185.	20.7	185.0	-20.7	-.19	-.07
324.0	175.6	200.4	70.	85.	21.5	85.0	3.9	60.	185.	25.7	185.0	-25.7	-.18	-.09
331.0	175.7	202.4	70.	325.	22.0	325.0	17.2	70.	185.	15.9	185.0	-15.9	-.19	-.05
343.0	175.7	205.8	50.	115.	39.8	115.0	-15.9	70.	185.	15.9	185.0	-15.9	-.19	-.05
348.3	175.8	207.2	30.	5.	63.9	5.0	63.9	75.	185.	11.0	185.0	-11.0	-.20	-.04
352.6	175.8	208.5	50.	5.	43.8	5.0	43.8	70.	185.	16.1	185.0	-16.1	-.19	-.06
355.0	175.8	209.1	60.	5.	33.8	5.0	33.8	75.	185.	11.1	185.0	-11.1	-.20	-.04
356.6	175.8	209.6	85.	5.				80.	185.	6.0	185.0	-6.0	-.20	-.02
360.4	175.8	210.7	40.	5.	53.8	5.0	53.8	75.	185.	11.1	185.0	-11.1	-.20	-.04
365.9	175.8	212.2	70.	5.	23.6	5.0	23.6	65.	185.	21.2	185.0	-21.2	-.19	-.07
373.3	175.9	214.3	70.	5.	23.5	5.0	23.5	70.	185.	16.3	185.0	-16.3	-.19	-.06
377.3	175.9	215.4	60.	5.	33.5	5.0	33.5	80.	185.	6.2	185.0	-6.2	-.20	-.02
379.1	175.9	215.9	50.	5.	43.5	5.0	43.5	70.	185.	16.4	185.0	-16.4	-.19	-.06
386.4	175.9	218.0	50.	5.	43.4	5.0	43.4	70.	185.	16.4	185.0	-16.4	-.19	-.06
393.6	176.0	220.0	50.	5.	43.2	5.0	43.2	70.	185.	16.6	185.0	-16.6	-.19	-.06
397.4	176.0	221.1	70.	5.	23.1	5.0	23.1	70.	185.	16.6	185.0	-16.6	-.19	-.06
401.7	176.0	222.3	50.	5.	43.1	5.0	43.1	70.	185.	16.7	185.0	-16.7	-.19	-.06
405.6	176.0	223.4	80.	335.	10.8	335.0	9.3	70.	185.	16.7	185.0	-16.7	-.19	-.06
413.3	176.1	225.5	50.	305.	39.1	305.0	22.1	80.	185.	6.7	185.0	-6.7	-.20	-.02
419.0	176.1	227.1	50.	5.	42.8	5.0	42.8	80.	185.	6.8	185.0	-6.8	-.20	-.02
422.1	176.1	228.0	50.	5.	42.8	5.0	42.8	80.	185.	6.8	185.0	-6.8	-.20	-.02
423.9	176.1	228.5	70.	5.	22.7	5.0	22.7	70.	185.	17.0	185.0	-17.0	-.19	-.06
431.9	176.1	230.8	50.	185.	37.2	185.0	-37.2	75.	185.	12.0	185.0	-12.0	-.20	-.04
440.2	176.2	233.1	60.	5.	32.4	5.0	32.4	70.	185.	17.3	185.0	-17.3	-.19	-.06
443.7	176.2	234.1	60.	45.	33.7	45.0	27.1	70.	185.	17.3	185.0	-17.3	-.19	-.06
447.4	176.2	235.1	30.	185.	57.5	185.0	-57.5	75.	185.	12.3	185.0	-12.3	-.20	-.04
454.1	176.3	237.0	50.	5.	42.2	5.0	42.2	70.	185.	17.5	185.0	-17.5	-.19	-.06
459.0	176.3	238.4	50.	5.	42.1	5.0	42.1	60.	185.	27.7	185.0	-27.7	-.18	-.09
464.5	176.3	239.9	40.	5.	52.1	5.0	52.1	80.	185.	7.4	185.0	-7.4	-.20	-.03
466.1	176.3	240.4	85.	5.				70.	185.	17.7	185.0	-17.7	-.19	-.06

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* DDH: 76X-21 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

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
471.8	176.3	242.0	50.	25.	42.9	25.0	41.1	75.	185.	12.7	185.0	-12.7	-.20	-.04
477.6	176.4	243.6	40.	65.	53.6	65.0	34.1	70.	185.	17.9	185.0	-17.9	-.19	-.06
486.1	176.4	246.0	80.	5.	11.2	5.0	11.2	70.	185.	18.0	185.0	-18.0	-.19	-.06
494.6	176.4	248.4	70.	5.	21.4	5.0	21.4	70.	185.	18.1	185.0	-18.1	-.19	-.06
502.9	176.5	250.7	50.	185.	38.5	185.0	-38.5	70.	185.	18.3	185.0	-18.3	-.19	-.06
511.3	176.5	253.1	60.	5.	31.1	5.0	31.1	60.	185.	28.5	185.0	-28.5	-.18	-.10
518.7	176.6	255.2	65.	185.	23.7	185.0	-23.7	50.	185.	38.7	185.0	-38.7	-.16	-.13
519.0	176.6	255.3	70.	185.	18.6	185.0	-18.6	50.	185.	38.7	185.0	-38.7	-.16	-.13
519.5	176.6	255.4	55.	245.	31.7	245.0	-17.1	80.	185.	8.3	185.0	-8.3	-.20	-.03
519.8	176.6	255.5	80.	5.	10.6	5.0	10.6	65.	185.	23.7	185.0	-23.7	-.18	-.08
520.1	176.6	255.6	70.	5.	20.9	5.0	20.9	80.	185.	8.3	185.0	-8.3	-.20	-.03
520.4	176.6	255.6	70.	325.	18.6	325.0	14.4	70.	185.	18.6	185.0	-18.6	-.19	-.06
520.8	176.6	255.8	50.	185.	38.8	185.0	-38.8	70.	185.	18.6	185.0	-18.6	-.19	-.06
525.3	176.6	257.0	80.	45.	12.7	45.0	9.8	75.	185.	13.6	185.0	-13.6	-.19	-.05
534.0	176.6	259.5	30.	125.	62.4	125.0	-43.7	60.	185.	28.9	185.0	-28.9	-.18	-.10
543.1	176.7	262.0	55.	5.	35.6	5.0	35.6	70.	185.	19.0	185.0	-19.0	-.19	-.07
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	-19.8	-.19	-.07
564.7	176.8	268.1	60.	5.	30.2	5.0	30.2	70.	185.	19.8	185.0	-19.8	-.19	-.07
565.9	176.8	268.4	60.	5.	30.2	5.0	30.2	80.	185.	9.5	185.0	-9.5	-.20	-.03
566.9	176.8	268.7	75.	5.	14.7	5.0	14.7	70.	185.	19.8	185.0	-19.8	-.19	-.07
568.4	176.8	269.1	90.	0.				70.	185.	19.8	185.0	-19.8	-.19	-.07
570.2	176.8	269.7	80.	0.	9.5	0.	9.4	80.	185.	9.5	185.0	-9.5	-.20	-.03
573.3	176.8	270.5	70.	0.	19.8	0.	19.7	70.	185.	19.8	185.0	-19.8	-.19	-.07
575.7	176.8	271.2	85.	5.				80.	185.	9.5	185.0	-9.5	-.20	-.03
578.0	176.8	271.8	60.	0.	29.8	0.	29.8	90.	185.					
578.4	176.8	272.0						70.	185.	19.8	185.0	-19.8	-.19	-.07
578.9	176.8	272.1	60.	225.	27.7	225.0	-21.9	85.	185.					
579.4	176.8	272.2	80.	50.	12.1	50.0	8.6	80.	185.	9.5	185.0	-9.5	-.20	-.03
581.1	176.8	272.7	70.	275.	16.8	275.0	.0	70.	185.	19.8	185.0	-19.8	-.19	-.07
581.6	176.8	272.9	50.	0.	39.9	0.	39.8	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	19.8	70.	185.	19.8	185.0	-19.8	-.19	-.07
584.3	176.9	273.6	40.	5.	49.9	5.0	49.9	60.	185.	29.9	185.0	-29.9	-.17	-.10
585.8	176.9	274.0	40.	325.	48.0	325.0	40.4	70.	185.	19.8	185.0	-19.8	-.19	-.07
591.9	176.9	275.8	80.	185.	9.5	185.0	-9.5	70.	185.	19.8	185.0	-19.8	-.19	-.07
598.4	176.9	277.6	30.	5.	59.8	5.0	59.8	70.	185.	19.8	185.0	-19.8	-.19	-.07
601.0	176.9	278.3	40.	50.	52.0	50.0	42.2	60.	185.	29.9	185.0	-29.9	-.17	-.10
610.8	177.0	281.1	50.	35.	41.1	35.0	37.1	65.	185.	24.8	185.0	-24.8	-.18	-.08

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*    DDH:  76X-21     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
615.0	176.9	280.5						80.	185.	9.5	185.0	-9.5	-.20	-.03
616.0	176.9	278.9	40.	185.	50.1	185.0	-50.1	70.	185.	19.8	185.0	-19.8	-.19	-.07
621.1	176.5	270.5	45.	230.	42.3	230.0	-32.8	60.	185.	29.8	185.0	-29.8	-.17	-.10
623.3	176.4	266.9	70.	255.	16.5	255.0	-5.8	60.	185.	29.3	185.0	-29.3	-.17	-.10
633.3	175.7	250.5	30.	215.	56.5	215.0	-52.6	60.	185.	28.0	185.0	-28.0	-.18	-.09
655.9	174.3	213.4						60.	185.	24.9	185.0	-24.9	-.18	-.08
663.8	173.7	200.5						60.	185.	23.9	185.0	-23.9	-.18	-.08
670.5	173.3	189.5						60.	185.	23.3	185.0	-23.3	-.18	-.08
671.4	173.2	188.0						60.	185.	23.2	185.0	-23.2	-.18	-.08
678.7	172.8	176.0						50.	185.	32.9	185.0	-32.9	-.17	-.11
686.7	172.2	162.9						60.	185.	22.6	185.0	-22.6	-.18	-.08
694.3	172.3	163.8						40.	185.	42.8	185.0	-42.8	-.15	-.14
701.0	172.7	175.3						60.	185.	22.8	185.0	-22.8	-.18	-.08
708.9	173.2	188.7						50.	185.	33.2	185.0	-33.2	-.17	-.11
713.2	173.5	196.1						50.	185.	33.6	185.0	-33.6	-.17	-.11
713.5	173.5	196.6						50.	185.	33.6	185.0	-33.6	-.17	-.11
718.4	173.8	204.9						60.	185.	24.1	185.0	-24.1	-.18	-.08
719.6	173.9	207.0						60.	185.	24.3	185.0	-24.3	-.18	-.08
728.0	174.5	221.3						55.	185.	30.4	185.0	-30.4	-.17	-.10
731.9	174.7	228.0						60.	185.	25.9	185.0	-25.9	-.18	-.09
739.7	175.2	241.3						60.	185.	27.1	185.0	-27.1	-.18	-.09
741.8	175.4	244.9						70.	185.	17.3	185.0	-17.3	-.19	-.06
746.6	175.7	253.0						50.	185.	38.2	185.0	-38.2	-.16	-.12
750.7	176.0	260.0						45.	185.	43.8	185.0	-43.8	-.14	-.14
756.5	176.3	269.9						70.	185.	19.7	185.0	-19.7	-.19	-.07
763.8	176.8	282.4						60.	185.	30.3	185.0	-30.3	-.17	-.10

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

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PROGRAM COMMAND:  PLOTA,2000,095

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                  *     DDH:  76X-21     *     START PLOT NUMBER  3
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                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:   -.00 -    .19 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  15.23 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,095

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                  *     DDH:  76X-21     *     START PLOT NUMBER  4
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                        PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:   -.00 -    .19 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  15.23 (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
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
10.6	179.7	350.9	60.	5.	30.0	5.0	-.0	80.	185.	10.0	185.0	-.0	-.20	-.00
12.6	179.6	349.2	70.	320.	20.0	320.0	-14.4	70.	185.	20.0	185.0	-.0	-.20	-.00
16.1	179.5	346.2	60.	25.	29.6	25.0	11.0	70.	185.	20.0	185.0	-.0	-.20	-.00
17.9	179.5	344.6	70.	50.	20.0	50.0	14.4	80.	185.	10.0	185.0	-.0	-.20	-.00
22.0	179.4	341.1	50.	50.	39.8	50.0	30.5	80.	185.	10.0	185.0	-.0	-.20	-.00
28.1	179.2	335.8	60.	50.	30.0	50.0	22.2	70.	185.	20.7	185.0	-.0	-.20	-.00
37.3	179.0	335.6	80.	25.				65.	185.	25.9	185.0	-.0	-.20	-.00
46.6	178.8	357.1	5.	25.	83.9	25.0	72.8	70.	185.	21.2	185.0	-.0	-.20	-.00
52.8	178.8	11.5	40.	245.	50.7	245.0	-46.6	75.	185.	16.2	185.0	-.0	-.20	-.00
59.2	178.7	26.4	70.	30.	18.7	30.0	8.1	85.	185.	5.2	206.4	-1.9	-.20	-.01
64.9	178.6	39.6	50.	15.	38.7	15.0	7.9	65.	185.	26.1	185.0	-.0	-.20	-.00
68.4	178.6	47.7	60.	5.	29.0	5.0	-.0	70.	185.	21.0	185.0	-.0	-.20	-.00
70.1	178.5	51.7	70.	330.	19.9	330.0	-11.8	70.	185.	21.0	185.0	-.0	-.20	-.00
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	-16.0	70.	185.	19.9	185.0	-.0	-.20	-.00
85.0	178.3	86.2	80.	5.	9.9	5.0	-.0	70.	185.	19.9	185.0	-.0	-.20	-.00
86.8	178.3	90.4	40.	5.	50.0	5.0	-.0	70.	185.	19.9	185.0	-.0	-.20	-.00
92.3	178.2	103.2	30.	5.	60.2	5.0	-.0	80.	185.	9.8	185.0	-.0	-.20	-.00
93.7	178.2	106.4	30.	5.	60.3	5.0	-.0	70.	185.	19.9	185.0	-.0	-.20	-.00
102.4	178.1	126.6	65.	340.	26.6	340.0	-11.9	60.	185.	29.0	185.0	-.0	-.20	-.00
106.5	178.1	136.1	60.	5.	31.2	5.0	-.0	80.	185.	8.6	185.0	-.0	-.20	-.00
114.7	177.9	147.7	85.	45.				75.	185.	13.3	185.0	-.0	-.20	-.00
116.4	177.8	148.0	60.	35.	30.8	35.0	16.6	80.	185.	8.2	185.0	-.0	-.20	-.00
121.6	177.6	149.0	60.	5.	31.9	5.0	-.0	85.	185.					
133.3	177.1	151.4	40.	230.	49.4	230.0	-39.5	80.	185.	7.5	185.0	-.0	-.20	-.00
139.5	176.9	152.6	50.	5.	42.6	5.0	-.0	70.	185.	17.3	185.0	-.0	-.20	-.00
144.7	176.7	153.6	60.	330.	33.3	330.0	-20.6	60.	185.	27.1	185.0	-.0	-.20	-.00
153.0	176.4	155.2	50.	55.	40.5	55.0	33.2	65.	185.	21.8	185.0	-.0	-.20	-.00
161.2	176.0	156.8	80.	45.	10.8	45.0	7.0	70.	185.	16.4	185.0	-.0	-.20	-.00
168.5	175.7	158.3	80.	35.	11.7	35.0	5.9	65.	185.	21.1	185.0	-.0	-.20	-.00
176.4	175.4	159.8	80.	325.	14.4	325.0	-9.4	70.	185.	15.7	185.0	-.0	-.20	-.00
181.3	175.2	160.8	80.	5.	14.2	5.0	-.0	65.	185.	20.5	185.0	-.0	-.20	-.00
188.9	175.0	162.4	60.	5.	34.6	5.0	-.0	45.	185.	40.4	185.0	-.0	-.20	-.00
195.6	175.0	164.3	40.	5.	54.7	5.0	-.0	85.	185.					
203.4	175.1	166.5	50.	5.	44.6	5.0	-.0	80.	185.	5.2	185.0	-.0	-.20	-.00
214.4	175.1	169.6	70.	5.	24.7	5.0	-.0	75.	185.	10.2	185.0	-.0	-.20	-.00
224.1	175.2	172.3	20.	5.	74.7	5.0	-.0	70.	185.	15.3	185.0	-.0	-.20	-.00
226.4	175.2	173.0	60.	185.	25.3	185.0	-.0	80.	185.	5.3	185.0	-.0	-.20	-.00
237.5	175.2	176.1	50.	25.	44.1	25.0	18.4	85.	185.					
239.2	175.2	176.6	80.	5.	14.7	5.0	-.0	70.	185.	15.2	185.0	-.0	-.20	-.00
245.9	175.3	178.5	80.	5.	14.7	5.0	-.0	70.	185.	15.3	185.0	-.0	-.20	-.00

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*     DDH:  76X-21    *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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	13.1	70.	185.	15.3	185.0	-.0	-.20	-.00
254.5	175.3	180.9	80.	5.	14.7	5.0	-.0	70.	185.	15.3	185.0	-.0	-.20	-.00
259.0	175.3	182.1	70.	5.	24.7	5.0	-.0	60.	185.	25.3	185.0	-.0	-.20	-.00
267.6	175.4	184.6	80.	335.	13.7	335.0	-7.0	70.	185.	15.4	185.0	-.0	-.20	-.00
272.1	175.4	185.8	40.	345.	54.3	345.0	-25.4	80.	185.	5.4	185.0	-.0	-.20	-.00
280.4	175.4	188.2	70.	5.	24.6	5.0	-.0	70.	185.	15.4	185.0	-.0	-.20	-.00
284.0	175.5	189.2	70.	5.	24.5	5.0	-.0	65.	185.	20.5	185.0	-.0	-.20	-.00
291.0	175.5	191.1	85.	5.				60.	185.	25.5	185.0	-.0	-.20	-.00
293.8	175.5	191.9	50.	15.	44.5	15.0	9.7	70.	185.	15.5	185.0	-.0	-.20	-.00
302.0	175.5	194.2	65.	185.	20.5	185.0	-.0	70.	185.	15.5	185.0	-.0	-.20	-.00
312.4	175.6	197.2	70.	185.	15.7	185.0	-.0	80.	185.	5.7	185.0	-.0	-.20	-.00
318.2	175.6	198.8	60.	345.	33.6	345.0	-12.8	65.	185.	20.7	185.0	-.0	-.20	-.00
324.0	175.6	200.4	70.	85.	21.5	85.0	21.2	60.	185.	25.7	185.0	-.0	-.20	-.00
331.0	175.7	202.4	70.	325.	22.0	325.0	-14.6	70.	185.	15.9	185.0	-.0	-.20	-.00
343.0	175.7	205.8	50.	115.	39.8	115.0	38.1	70.	185.	15.9	185.0	-.0	-.20	-.00
348.3	175.8	207.2	30.	5.	63.9	5.0	-.0	75.	185.	11.0	185.0	-.0	-.20	-.00
352.6	175.8	208.5	50.	5.	43.8	5.0	-.0	70.	185.	16.1	185.0	-.0	-.20	-.00
355.0	175.8	209.1	60.	5.	33.8	5.0	-.0	75.	185.	11.1	185.0	-.0	-.20	-.00
356.6	175.8	209.6	85.	5.				80.	185.	6.0	185.0	-.0	-.20	-.00
360.4	175.8	210.7	40.	5.	53.8	5.0	-.0	75.	185.	11.1	185.0	-.0	-.20	-.00
365.9	175.8	212.2	70.	5.	23.6	5.0	-.0	65.	185.	21.2	185.0	-.0	-.20	-.00
373.3	175.9	214.3	70.	5.	23.5	5.0	-.0	70.	185.	16.3	185.0	-.0	-.20	-.00
377.3	175.9	215.4	60.	5.	33.5	5.0	-.0	80.	185.	6.2	185.0	-.0	-.20	-.00
379.1	175.9	215.9	50.	5.	43.5	5.0	-.0	70.	185.	16.4	185.0	-.0	-.20	-.00
386.4	175.9	218.0	50.	5.	43.4	5.0	-.0	70.	185.	16.4	185.0	-.0	-.20	-.00
393.6	176.0	220.0	50.	5.	43.2	5.0	-.0	70.	185.	16.6	185.0	-.0	-.20	-.00
397.4	176.0	221.1	70.	5.	23.1	5.0	-.0	70.	185.	16.6	185.0	-.0	-.20	-.00
401.7	176.0	222.3	50.	5.	43.1	5.0	-.0	70.	185.	16.7	185.0	-.0	-.20	-.00
405.6	176.0	223.4	80.	335.	10.8	335.0	-5.4	70.	185.	16.7	185.0	-.0	-.20	-.00
413.3	176.1	225.5	50.	305.	39.1	305.0	-35.2	80.	185.	6.7	185.0	-.0	-.20	-.00
419.0	176.1	227.1	50.	5.	42.8	5.0	-.0	80.	185.	6.8	185.0	-.0	-.20	-.00
422.1	176.1	228.0	50.	5.	42.8	5.0	-.0	80.	185.	6.8	185.0	-.0	-.20	-.00
423.9	176.1	228.5	70.	5.	22.7	5.0	-.0	70.	185.	17.0	185.0	-.0	-.20	-.00
431.9	176.1	230.8	50.	185.	37.2	185.0	-.0	75.	185.	12.0	185.0	-.0	-.20	-.00
440.2	176.2	233.1	60.	5.	32.4	5.0	-.0	70.	185.	17.3	185.0	-.0	-.20	-.00
443.7	176.2	234.1	60.	45.	33.7	45.0	23.2	70.	185.	17.3	185.0	-.0	-.20	-.00
447.4	176.2	235.1	30.	185.	57.5	185.0	-.0	75.	185.	12.3	185.0	-.0	-.20	-.00
454.1	176.3	237.0	50.	5.	42.2	5.0	-.0	70.	185.	17.5	185.0	-.0	-.20	-.00
459.0	176.3	238.4	50.	5.	42.1	5.0	-.0	60.	185.	27.7	185.0	-.0	-.20	-.00
464.5	176.3	239.9	40.	5.	52.1	5.0	-.0	80.	185.	7.4	185.0	-.0	-.20	-.00
466.1	176.3	240.4	85.	5.				70.	185.	17.7	185.0	-.0	-.20	-.00

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*   DDH:  76X-21     *      ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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
471.8	176.3	242.0	50.	25.	42.9	25.0	17.6	75.	185.	12.7	185.0	-.0	-.20	-.00
477.6	176.4	243.6	40.	65.	53.6	65.0	49.6	70.	185.	17.9	185.0	-.0	-.20	-.00
486.1	176.4	246.0	80.	5.	11.2	5.0	-.0	70.	185.	18.0	185.0	-.0	-.20	-.00
494.6	176.4	248.4	70.	5.	21.4	5.0	-.0	70.	185.	18.1	185.0	-.0	-.20	-.00
502.9	176.5	250.7	50.	185.	38.5	185.0	-.0	70.	185.	18.3	185.0	-.0	-.20	-.00
511.3	176.5	253.1	60.	5.	31.1	5.0	-.0	60.	185.	28.5	185.0	-.0	-.20	-.00
518.7	176.6	255.2	65.	185.	23.7	185.0	-.0	50.	185.	38.7	185.0	-.0	-.20	-.00
519.0	176.6	255.3	70.	185.	18.6	185.0	-.0	50.	185.	38.7	185.0	-.0	-.20	-.00
519.5	176.6	255.4	55.	245.	31.7	245.0	-28.1	80.	185.	8.3	185.0	-.0	-.20	-.00
519.8	176.6	255.5	80.	5.	10.6	5.0	-.0	65.	185.	23.7	185.0	-.0	-.20	-.00
520.1	176.6	255.6	70.	5.	20.9	5.0	-.0	80.	185.	8.3	185.0	-.0	-.20	-.00
520.4	176.6	255.6	70.	325.	18.6	325.0	-12.2	70.	185.	18.6	185.0	-.0	-.20	-.00
520.8	176.6	255.8	50.	185.	38.8	185.0	-.0	70.	185.	18.6	185.0	-.0	-.20	-.00
525.3	176.6	257.0	80.	45.	12.7	45.0	8.3	75.	185.	13.6	185.0	-.0	-.20	-.00
534.0	176.6	259.5	30.	125.	62.4	125.0	58.8	60.	185.	28.9	185.0	-.0	-.20	-.00
543.1	176.7	262.0	55.	5.	35.6	5.0	-.0	70.	185.	19.0	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
564.7	176.8	268.1	60.	5.	30.2	5.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
565.9	176.8	268.4	60.	5.	30.2	5.0	-.0	80.	185.	9.5	185.0	-.0	-.20	-.00
566.9	176.8	268.7	75.	5.	14.7	5.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
568.4	176.8	269.1	90.	0.				70.	185.	19.8	185.0	-.0	-.20	-.00
570.2	176.8	269.7	80.	0.	9.5	0.	-.8	80.	185.	9.5	185.0	-.0	-.20	-.00
573.3	176.8	270.5	70.	0.	19.8	0.	-1.8	70.	185.	19.8	185.0	-.0	-.20	-.00
575.7	176.8	271.2	85.	5.				80.	185.	9.5	185.0	-.0	-.20	-.00
578.0	176.8	271.8	60.	0.	29.8	0.	-2.9	90.	185.					
578.4	176.8	272.0						70.	185.	19.8	185.0	-.0	-.20	-.00
578.9	176.8	272.1	60.	225.	27.7	225.0	-18.7	85.	185.					
579.4	176.8	272.2	80.	50.	12.1	50.0	8.6	80.	185.	9.5	185.0	-.0	-.20	-.00
581.1	176.8	272.7	70.	275.	16.8	275.0	-16.8	70.	185.	19.8	185.0	-.0	-.20	-.00
581.6	176.8	272.9	50.	0.	39.9	0.	-4.2	0.	185.	89.9	185.0	-.0	-.20	-.00
										89.9	185.0	-.0	-.20	-.00
583.3	176.9	273.3	70.	5.	19.8	5.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
584.3	176.9	273.6	40.	5.	49.9	5.0	-.0	60.	185.	29.9	185.0	-.0	-.20	-.00
585.8	176.9	274.0	40.	325.	48.0	325.0	-35.5	70.	185.	19.8	185.0	-.0	-.20	-.00
591.9	176.9	275.8	80.	185.	9.5	185.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
598.4	176.9	277.6	30.	5.	59.8	5.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
601.0	176.9	278.3	40.	50.	52.0	50.0	42.2	60.	185.	29.9	185.0	-.0	-.20	-.00
610.8	177.0	281.1	50.	35.	41.1	35.0	23.6	65.	185.	24.8	185.0	-.0	-.20	-.00

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*    DDH:  76X-21     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
615.0	176.9	280.5						80.	185.	9.5	185.0	-.0	-.20	-.00
616.0	176.9	278.9	40.	185.	50.1	185.0	-.0	70.	185.	19.8	185.0	-.0	-.20	-.00
621.1	176.5	270.5	45.	230.	42.3	230.0	-32.8	60.	185.	29.8	185.0	-.0	-.20	-.00
623.3	176.4	266.9	70.	255.	16.5	255.0	-15.5	60.	185.	29.3	185.0	-.0	-.20	-.00
633.3	175.7	250.5	30.	215.	56.5	215.0	-37.0	60.	185.	28.0	185.0	-.0	-.20	-.00
655.9	174.3	213.4						60.	185.	24.9	185.0	-.0	-.20	-.00
663.8	173.7	200.5						60.	185.	23.9	185.0	-.0	-.20	-.00
670.5	173.3	189.5						60.	185.	23.3	185.0	-.0	-.20	-.00
671.4	173.2	188.0						60.	185.	23.2	185.0	-.0	-.20	-.00
678.7	172.8	176.0						50.	185.	32.9	185.0	-.0	-.20	-.00
686.7	172.2	162.9						60.	185.	22.6	185.0	-.0	-.20	-.00
694.3	172.3	163.8						40.	185.	42.8	185.0	-.0	-.20	-.00
701.0	172.7	175.3						60.	185.	22.8	185.0	-.0	-.20	-.00
708.9	173.2	188.7						50.	185.	33.2	185.0	-.0	-.20	-.00
713.2	173.5	196.1						50.	185.	33.6	185.0	-.0	-.20	-.00
713.5	173.5	196.6						50.	185.	33.6	185.0	-.0	-.20	-.00
718.4	173.8	204.9						60.	185.	24.1	185.0	-.0	-.20	-.00
719.6	173.9	207.0						60.	185.	24.3	185.0	-.0	-.20	-.00
728.0	174.5	221.3						55.	185.	30.4	185.0	-.0	-.20	-.00
731.9	174.7	228.0						60.	185.	25.9	185.0	-.0	-.20	-.00
739.7	175.2	241.3						60.	185.	27.1	185.0	-.0	-.20	-.00
741.8	175.4	244.9						70.	185.	17.3	185.0	-.0	-.20	-.00
746.6	175.7	253.0						50.	185.	38.2	185.0	-.0	-.20	-.00
750.7	176.0	260.0						45.	185.	43.8	185.0	-.0	-.20	-.00
756.5	176.3	269.9						70.	185.	19.7	185.0	-.0	-.20	-.00
763.8	176.8	282.4						60.	185.	30.3	185.0	-.0	-.20	-.00

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

```
 STOP ALL PLOTS FINISHED
SRU'S:50.6
!OFF
USAGE ON 11/15/77 AT 13:06:06
SRU'S:100.5      ELAPSED TIME: 00:00:45
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77X-01

GPS PQS001,,DRHOLE AT: 11/15/77 16:27:57 JOB: 24489 UU 40-01-048 8888888888 3

```
!EQUATE 1 77X01D.FD
!DEFINE 77X01D.TD KEY:
!EQUATE 2 77X01D.TD
!DDHCOR.DH
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*     DDH:  77-X-01    *
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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
         1........0.........0.........0.........0.........0.
     1  T77-X-01 01186.42264958800317276 METERS
     2  R77-X-01 00000           180.0 000.0 AT COLLAR
     3  R77-X-01 00198           178.0 033.0 UNDER CASING
     4  R77-X-01 01932           175.5 153.0
     5  R77-X-01 03487           170.8 179.0
     6  R77-X-01 05011           176.8 213.0
     7  R77-X-01 06535           170.5 278.0
     8  R77-X-01 07430           171.3 318.0
     9  L77-X-01 00000 00037 01  #
    10  L77-X-01 00037 00078 02 0Q0
    11  L77-X-01 00078 00137 03 5C3
    12  L77-X-01 00137 00223 04 5C0
    13  L77-X-01 00223 00274 05 5D6
    14  L77-X-01 00274 00466 06 5B0
    15  L77-X-01 00466 00651 07 5D6
    16  L77-X-01 00651 00753 08 5B0
    17  L77-X-01 00753 00905 09 5D3
    18  L77-X-01 00905 03469 10 5D3
    19  L77-X-01 03469 03630 11 5B0
    20  L77-X-01 03630 03692 12 5D3
    21  L77-X-01 03692 03731 13 5B0
    22  L77-X-01 03731 03770 14 5D6
    23  L77-X-01 03770 04039 15 5B0
    24  L77-X-01 04039 05002 16 5B0
    25  L77-X-01 05002 05268 17 5D3
    26  L77-X-01 05268 05490 18 5B0
    27  L77-X-01 05490 05532 19 5D3
    28  L77-X-01 05532 05814 20 5B0
    29  L77-X-01 05814 05816 21 4C0
    30  L77-X-01 05816 05822 22 4E0
    31  L77-X-01 05822 05824 23 4J8
    32  L77-X-01 05824 05831 24 4E0
    33  L77-X-01 05831 05834 25 4G0
    34  L77-X-01 05834 05841 26 4E1
    35  L77-X-01 05841 05847 27 4A0
    36  L77-X-01 05847 05903 28 5B6
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
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*     DDH:  77-X-01    *
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----  DRILLHOLE DATA ( CONTINUED);  DEPTHS IN METERS  ----

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     37   L77-X-01 05903 05927 29 4C0
     38   L77-X-01 05927 05935 30 4A0
     39   L77-X-01 05935 06010 31 4D0
     40   L77-X-01 06010 06095 32 4D5
     41   L77-X-01 06095 06099 33 4K0
     42   L77-X-01 06099 06114 34 4D0
     43   L77-X-01 06114 06123 35 4K0
     44   L77-X-01 06123 06129 36 4G0
     45   L77-X-01 06129 06134 37 4K0
     46   L77-X-01 06134 06200 38 4D5
     47   L77-X-01 06200 06209 39 4G0
     48   L77-X-01 06209 06226 40 5B6
     49   L77-X-01 06226 06240 41 4B0
     50   L77-X-01 06240 06242 42 4H0
     51   L77-X-01 06242 06245 43 4E0
     52   L77-X-01 06245 06252 44 4G0
     53   L77-X-01 06252 06272 45 5B4
     54   L77-X-01 06272 06297 46 5B6
     55   L77-X-01 06297 06771 47 5B6
     56   L77-X-01 06771 06787 48 0C0
     57   L77-X-01 06787 06826 49 5A*
     58   L77-X-01 06826 07000 50 5D2
     59   L77-X-01 07000 07101 51 0C0
     60   L77-X-01 07101 07270 52 3D1
     61   L77-X-01 07270 07288 53 3D2
     62   L77-X-01 07288 07291 54 3D9
     63   L77-X-01 07291 07353 55 3D0
     64   L77-X-01 07353 07364 56 0C0
     65   L77-X-01 07364 07371 57 3D0
     66   L77-X-01 07371 07379 58 0C0
     67   L77-X-01 07379 07500 59 3D0
     68   S77-X-01       00082 CS2         39185
     69   S77-X-01       00173 CS2         81185
     70   S77-X-01       00238 CS2         74185
     71   S77-X-01       00302 CS2 Z       81185
     72   S77-X-01       00325     3
     73   S77-X-01       00360 CS2 S       81185
     74   S77-X-01       00405 CS2         74185
     75   S77-X-01       00484 CS2         73185
     76   S77-X-01       00593 CS2         85185
     77   S77-X-01       00641 CS2         80185
     78   S77-X-01       00678 CS2         73185
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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************************
*     DDH:  77-X-01    *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
    79   S77-X-01       00679     E
    80   S77-X-01       00711 CS2 3         81185
    81   S77-X-01       00778 CS2           80185
    82   S77-X-01       00834 CS2           79185
    83   S77-X-01       00929 CS2           85185
    84   S77-X-01       00938     E
    85   S77-X-01       00997 CS2           87185
    86   S77-X-01       01024     3
    87   S77-X-01       01085 CS2           69185
    88   S77-X-01       01164 CS2           76185
    89   S77-X-01       01240 CS2           69185
    90   S77-X-01       01245     E
    91   S77-X-01       01300 CS2           82185
    92   S77-X-01       01373 CS2           65185
    93   S77-X-01       01445 CS2           70185
    94   S77-X-01       01510 CS2           83185
    95   S77-X-01       01548 CS2           73185
    96   S77-X-01       01610 CS2           82185
    97   S77-X-01       01674 CS2           58185
    98   S77-X-01       01732 CS2           73185
    99   S77-X-01       01736     3
   100   S77-X-01       01791 CS2           64185
   101   S77-X-01       01860 CS2           74185
   102   S77-X-01       01920 CS2           84185
   103   S77-X-01       01984 CS2           70185
   104   S77-X-01       02040 CS2           85185
   105   S77-X-01       02084 CS2           71185
   106   S77-X-01       02135 CS2           74185
   107   S77-X-01       02197 CS2           75185
   108   S77-X-01       02270 CS2           76185
   109   S77-X-01       02323 CS2           80185
   110   S77-X-01       02378 CS2           83185
   111   S77-X-01       02439 CS2           75185
   112   S77-X-01       02501 CS2           84185
   113   S77-X-01       02514     E
   114   S77-X-01       02570 CS2           75185
   115   S77-X-01       02663 CS2           85185
   116   S77-X-01       02693     3
   117   S77-X-01       02726 CS2           77185
   118   S77-X-01       02790 CS2           80185
   119   S77-X-01       02847 CS2           85185
   120   S77-X-01       02850     E
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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*     DDH:  77-X-01    *
************************

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

                      1         2         3         4         5
            1.........0.........0.........0.........0.........0.
     121    S77-X-01            02909 CS2           70185
     122    S77-X-01            02953      3
     123    S77-X-01            02966 CS2           60185
     124    S77-X-01            03005      E
     125    S77-X-01            03035 CS2           80185
     126    S77-X-01            03097 CS2           71185
     127    S77-X-01            03112      3
     128    S77-X-01            03155 CS2           83185
     129    S77-X-01            03214 CS2           86185
     130    S77-X-01            03270 CS2           70185
     131    S77-X-01            03334 CS2           82185
     132    S77-X-01            03392 CS2           87185
     133    S77-X-01            03459 CS2           68185
     134    S77-X-01            03521 CS2           75185
     135    S77-X-01            03583 CS2           90185
     136    S77-X-01            03628 CS2           78185
     137    S77-X-01            03631      E
     138    S77-X-01            03681 CS2           76185
     139    S77-X-01            03683      3
     140    S77-X-01            03743 CS2           76185
     141    S77-X-01            03796 CS2           73185
     142    S77-X-01            03859 CS2           67185
     143    S77-X-01            03926 CS2           57185
     144    S77-X-01            04004 CS2           76185
     145    S77-X-01            04054 CS2           90185
     146    S77-X-01            04119 CS2           77185
     147    S77-X-01            04166 CS2           66185
     148    S77-X-01            04217 CS2           73185
     149    S77-X-01            04278 CS2 S         69185
     150    S77-X-01            04340 CS2           75185
     151    S77-X-01            04386 CS2           78185
     152    S77-X-01            04455 CS2 S         80185
     153    S77-X-01            04507 CS2           65185
     154    S77-X-01            04560 CS2           76185
     155    S77-X-01            04624 CS2           85185
     156    S77-X-01            04686 CS2           82185
     157    S77-X-01            04738 CS2           70185
     158    S77-X-01            04793 CS2           72185
     159    S77-X-01            04848 CS2           80185
     160    S77-X-01            04900 CS2           70185
     161    S77-X-01            04980 CS2           81185
     162    S77-X-01            05046 CS2           75185
            1.........1.........2.........3.........4.........5
                      0         0         0         0         0
```

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************************
*    DDH:  77-X-01     *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
   163  S77-X-01        05097 CS2         83185
   164  S77-X-01        05147 CS2         63185
   165  S77-X-01        05196 CS2         72185
   166  S77-X-01        05255 CS2         80185
   167  S77-X-01        05302 CS2         75185
   168  S77-X-01        05369 CS2 S       77185
   169  S77-X-01        05819  S0         70185
   170  S77-X-01        05842 CS2 S       50185
   171  S77-X-01        05864 CS2 S       45185
   172  S77-X-01        05929 CS2 S 25195 45185
   173  S77-X-01        05958  S0         65185
   174  S77-X-01        06050  S2         55185
   175  S77-X-01        06127  S0         55185
   176  S77-X-01        06192  S0         50185
   177  S77-X-01        06200  S0         45185
   178  S77-X-01        06245  S0         45185
   179  S77-X-01        06278 PS2         50185
   180  S77-X-01        06296 PS2         43185
   181  S77-X-01        06355 PS2         65185
   182  S77-X-01        06422 PS2         57185
   183  S77-X-01        06559 PS2         33185
   184  S77-X-01        06599 PS2         49185
   185  S77-X-01        06712 PS2         50185
   186  S77-X-01        06767 PS2         43185
   187  S77-X-01        06837 PS2         68185
   188  S77-X-01        07102 PS2         72185
   189  S77-X-01        07163 PS2         62185
   190  S77-X-01        07218 PS2         62185
   191  S77-X-01        07276 PS2         58185
   192  S77-X-01        07349 PS2         57185
   193  S77-X-01        07410 PS2         59185
   194  S77-X-01        07471 PS2         66185
   195  P77-X-01 05814 05824 018010
   196  P77-X-01 05824 05834 018020
   197  P77-X-01 05834 05847 018030
   198  P77-X-01 05902 05922 018040
   199  P77-X-01 05922 05935 018050
   200  P77-X-01 05935 05955 018060
   201  P77-X-01 05955 05975 018070
   202  P77-X-01 05975 05995 018080
   203  P77-X-01 05995 06010 018090
   204  P77-X-01 06010 06030 018100
        1........1.........2.........3.........4.........5
                 0         0         0         0         0
```

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************************
*     DDH:  77-X-01    *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     205  P77-X-01 06030 06050 018110
     206  P77-X-01 06050 06070 018120
     207  P77-X-01 06070 06080 018130
     208  P77-X-01 06080 06095 018140
     209  P77-X-01 06095 06115 018150
     210  P77-X-01 06115 06134 018160
     211  P77-X-01 06134 06154 018170
     212  P77-X-01 06154 06174 018180
     213  P77-X-01 06174 06184 018190
     214  P77-X-01 06184 06200 018200
     215  P77-X-01 06200 06209 018210
     216  P77-X-01 06209 06226 018220
     217  P77-X-01 06226 06240 018230
     218  P77-X-01 06240 06252 018240
          1........1.........2.........3.........4.........5
                   0         0         0         0         0


DDH:  77-X-01 -- SUMMARY OF DATA INPUT

              RECORDS READ =  218   RELEASED TO SORT  255
              TYPE-L =   59
              TYPE-P =   24
              TYPE-R =    7
              TYPE-S =  127
              TYPE-X =   37   ( GENERATED TO DEPTH:  740.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =    750.0 METERS
```

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************************
*     DDH:  77-X-01    *
************************

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 -  178.00
                              AZIMUTH:         0.    -   33.00

     BOREHOLE SECTION  2  --  DEPTH:          19.80 -  193.20 METERS
                              ZENITH ANG:  178.00 -  175.50
                              AZIMUTH:        33.00 -  153.00

HOLE ASSUMED VERTICAL AT DEPTH  73.78

     BOREHOLE SECTION  3  --  DEPTH:         193.20 -  348.70 METERS
                              ZENITH ANG:  175.50 -  170.80
                              AZIMUTH:       153.00 -  179.00

     BOREHOLE SECTION  4  --  DEPTH:         348.70 -  501.10 METERS
                              ZENITH ANG:  170.80 -  176.80
                              AZIMUTH:       179.00 -  213.00

     BOREHOLE SECTION  5  --  DEPTH:         501.10 -  653.50 METERS
                              ZENITH ANG:  176.80 -  170.50
                              AZIMUTH:       213.00 -  278.00

     BOREHOLE SECTION  6  --  DEPTH:         653.50 -  743.00 METERS
                              ZENITH ANG:  170.50 -  171.30
                              AZIMUTH:       278.00 -  318.00

     BOREHOLE SECTION  7  --  DEPTH:         743.00 -  750.00 METERS
                              ZENITH ANG:  171.30 -  171.30
                              AZIMUTH:       318.00 -  318.00

FINISHED -- BOREHOLE LENGTH =   750.00 METERS
            FILE SIZE =      256
```

****
* DDH: 77-X-01 * 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 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.
3.7	L	01 #								3.7	.0	.0	179.6	6.2
7.8	L	02 0Q0								7.8	.0	.1	179.2	13.0
8.2	S			CS2				39.	185.	8.2	.0	.1	179.2	13.7
13.7	L	03 5C3								13.7	.0	.2	178.6	22.8
17.3	S			CS2				81.	185.	17.3	.1	.2	178.3	28.8
19.8	R									19.8	.1	.3	178.0	33.0
22.3	L	04 5C0								22.3	.2	.4	178.0	34.7
23.8	S			CS2				74.	185.	23.8	.2	.4	177.9	35.8
27.4	L	05 5D6								27.4	.3	.5	177.9	38.3
30.2	S			CS2	Z			81.	185.	30.2	.3	.6	177.9	40.2
32.5	S				3					32.5	.3	.7	177.8	41.8
36.0	S			CS2	S			81.	185.	36.0	.4	.7	177.8	44.2
40.5	S			CS2				74.	185.	40.5	.4	.8	177.7	47.3
46.6	L	06 5B0								46.6	.5	.9	177.6	51.5
48.4	S			CS2				73.	185.	48.4	.5	1.0	177.6	52.8
59.3	S			CS2				85.	185.	59.3	.5	1.1	177.4	60.3
64.1	S			CS2				80.	185.	64.1	.5	1.1	177.4	63.7
65.1	L	07 5D6								65.1	.5	1.1	177.3	64.3
67.8	S			CS2				73.	185.	67.8	.5	1.1	177.3	66.2
67.9	S				E					67.9	.5	1.1	177.3	66.3
71.1	S			CS2	3			81.	185.	71.1	.6	1.2	177.3	68.5
75.3	L	08 5B0								75.3	.6	1.2	177.2	71.4
77.8	S			CS2				80.	185.	77.8	.6	1.2	177.2	73.1
83.4	S			CS2				79.	185.	83.4	.5	1.1	177.1	77.0
90.5	L	09 5D3								90.5	.5	1.1	177.0	81.9
92.9	S			CS2				85.	185.	92.9	.5	1.0	176.9	83.6
93.8	S				E					93.8	.5	1.0	176.9	84.2
99.7	S			CS2				87.	185.	99.7	.5	.9	176.8	88.3
102.4	S				3					102.4	.5	.9	176.8	90.2
108.5	S			CS2				69.	185.	108.5	.5	.8	176.7	94.4
116.4	S			CS2				76.	185.	116.4	.5	.6	176.6	99.9
124.0	S			CS2				69.	185.	124.0	.5	.3	176.5	105.1
124.5	S				E					124.5	.5	.3	176.5	105.5
130.0	S			CS2				82.	185.	130.0	.5	.1	176.4	109.3
137.3	S			CS2				65.	185.	137.3	.6	-.1	176.3	114.3
144.5	S			CS2				70.	185.	144.5	.6	-.5	176.2	119.3
151.0	S			CS2				83.	185.	151.0	.7	-.8	176.1	123.8

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************************
*     DDH:  77-X-01    *   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 LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
154.8	S				CS2				73.	185.	154.7	.7	-.9	176.1	126.4
161.0	S				CS2				82.	185.	160.9	.8	-1.3	176.0	130.7
167.4	S				CS2				58.	185.	167.3	.9	-1.6	175.9	135.1
173.2	S				CS2				73.	185.	173.1	1.0	-2.0	175.8	139.2
173.6	S					3					173.5	1.0	-2.0	175.8	139.4
179.1	S				CS2				64.	185.	179.0	1.2	-2.3	175.7	143.2
186.0	S				CS2				74.	185.	185.9	1.4	-2.8	175.6	148.0
192.0	S				CS2				84.	185.	191.9	1.5	-3.2	175.5	152.2
193.2	R										193.1	1.6	-3.3	175.5	153.0
198.4	S				CS2				70.	185.	198.2	1.8	-3.6	175.3	153.9
204.0	S				CS2				85.	185.	203.8	2.0	-4.1	175.2	154.8
208.4	S				CS2				71.	185.	208.2	2.1	-4.4	175.0	155.5
213.5	S				CS2				74.	185.	213.3	2.3	-4.8	174.9	156.4
219.7	S				CS2				75.	185.	219.5	2.5	-5.3	174.7	157.4
227.0	S				CS2				76.	185.	226.7	2.8	-6.0	174.5	158.7
232.3	S				CS2				80.	185.	232.0	3.0	-6.4	174.3	159.5
237.8	S				CS2				83.	185.	237.5	3.2	-7.0	174.2	160.5
243.9	S				CS2				75.	185.	243.6	3.4	-7.6	174.0	161.5
250.1	S				CS2				84.	185.	249.7	3.6	-8.2	173.8	162.5
251.4	S					E					251.0	3.6	-8.3	173.7	162.7
257.0	S				CS2				75.	185.	256.6	3.8	-8.9	173.6	163.7
266.3	S				CS2				85.	185.	265.8	4.1	-9.9	173.3	165.2
269.3	S					3					268.8	4.2	-10.3	173.2	165.7
272.6	S				CS2				77.	185.	272.1	4.3	-10.7	173.1	166.3
279.0	S				CS2				80.	185.	278.4	4.4	-11.4	172.9	167.3
284.7	S				CS2				85.	185.	284.1	4.6	-12.1	172.7	168.3
285.0	S					E					284.4	4.6	-12.2	172.7	168.3
290.9	S				CS2				70.	185.	290.2	4.7	-12.9	172.5	169.3
295.3	S					3					294.6	4.9	-13.5	172.4	170.1
296.6	S				CS2				60.	185.	295.9	4.9	-13.6	172.4	170.3
300.5	S					E					299.7	5.0	-14.1	172.3	170.9
303.5	S				CS2				80.	185.	302.7	5.0	-14.6	172.2	171.4
309.7	S				CS2				71.	185.	308.9	5.1	-15.4	172.0	172.5
311.2	S					3					310.3	5.2	-15.6	171.9	172.7
315.5	S				CS2				83.	185.	314.6	5.2	-16.2	171.8	173.4
321.4	S				CS2				86.	185.	320.4	5.3	-17.1	171.6	174.4
327.0	S				CS2				70.	185.	326.0	5.4	-17.9	171.5	175.4
333.4	S				CS2				82.	185.	332.3	5.5	-18.8	171.3	176.4
339.2	S				CS2				87.	185.	338.0	5.5	-19.7	171.1	177.4
345.9	S				CS2				68.	185.	344.6	5.6	-20.8	170.9	178.5

****
*   DDH: 77-X-01   *   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 LOG NO	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
346.9	L	10 5D3									345.6	5.6	-20.9	170.9	178.7
348.7	R										347.4	5.6	-21.2	170.8	179.0
352.1	S				CS2				75.	185.	350.8	5.6	-21.8	170.9	179.8
358.3	S				CS2				90.	185.	356.9	5.6	-22.7	171.2	181.1
362.8	S				CS2				78.	185.	361.3	5.6	-23.4	171.4	182.1
363.0	L	11 5B0									361.5	5.6	-23.4	171.4	182.2
363.1	S					E					361.6	5.6	-23.4	171.4	182.2
368.1	S				CS2				76.	185.	366.6	5.5	-24.2	171.6	183.3
368.3	S					3					366.8	5.5	-24.2	171.6	183.4
369.2	L	12 5D3									367.7	5.5	-24.4	171.6	183.6
373.1	L	13 5B0									371.5	5.5	-24.9	171.8	184.4
374.3	S				CS2				76.	185.	372.7	5.5	-25.1	171.8	184.7
377.0	L	14 5D6									375.4	5.4	-25.5	171.9	185.3
379.6	S				CS2				73.	185.	378.0	5.4	-25.8	172.0	185.9
385.9	S				CS2				67.	185.	384.2	5.3	-26.7	172.3	187.3
392.6	S				CS2				57.	185.	390.8	5.2	-27.6	172.5	188.8
400.4	S				CS2				76.	185.	398.6	5.0	-28.5	172.8	190.5
403.9	L	15 5B0									402.1	4.9	-29.0	173.0	191.3
405.4	S				CS2				90.	185.	403.5	4.9	-29.1	173.0	191.6
411.9	S				CS2				77.	185.	410.0	4.7	-29.9	173.3	193.1
416.6	S				CS2				66.	185.	414.7	4.6	-30.4	173.5	194.1
421.7	S				CS2				73.	185.	419.7	4.4	-31.0	173.7	195.3
427.8	S				CS2	S			69.	185.	425.8	4.3	-31.6	173.9	196.6
434.0	S				CS2				75.	185.	432.0	4.1	-32.2	174.2	198.0
438.6	S				CS2				78.	185.	436.5	3.9	-32.7	174.3	199.1
445.5	S				CS2	S			80.	185.	443.4	3.7	-33.3	174.6	200.6
450.7	S				CS2				65.	185.	448.6	3.5	-33.7	174.8	201.8
456.0	S				CS2				76.	185.	453.9	3.3	-34.2	175.0	202.9
462.4	S				CS2				85.	185.	460.2	3.1	-34.7	175.3	204.4
468.6	S				CS2				82.	185.	466.4	2.9	-35.1	175.5	205.7
473.8	S				CS2				70.	185.	471.6	2.7	-35.5	175.7	206.9
479.3	S				CS2				72.	185.	477.1	2.6	-35.8	175.9	208.1
484.8	S				CS2				80.	185.	482.6	2.4	-36.2	176.2	209.4
490.0	S				CS2				70.	185.	487.8	2.2	-36.5	176.4	210.5
498.0	S				CS2				81.	185.	495.8	1.9	-36.9	176.7	212.3
500.2	L	16 5B0									498.0	1.9	-37.0	176.8	212.8

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************************
*    DDH:  77-X-01    *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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```

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	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
501.1	R										498.9	1.9	-37.0	176.8	213.0
504.6	S				CS2				75.	185.	502.3	1.7	-37.2	176.7	214.5
509.7	S				CS2				83.	185.	507.4	1.6	-37.4	176.4	216.7
514.7	S				CS2				63.	185.	512.4	1.4	-37.7	176.2	218.8
519.6	S				CS2				72.	185.	517.3	1.2	-37.9	176.0	220.9
525.5	S				CS2				80.	185.	523.2	.9	-38.2	175.8	223.4
526.8	L	17 5D3									524.5	.8	-38.3	175.7	224.0
530.2	S				CS2				75.	185.	527.9	.6	-38.5	175.6	225.4
536.9	S				CS2	S			77.	185.	534.6	.2	-38.9	175.3	228.3
549.0	L	18 5B0									546.6	-.6	-39.5	174.8	233.4
553.2	L	19 5D3									550.8	-.9	-39.7	174.6	235.2
581.4	L	20 5B0									578.9	-3.4	-41.1	173.5	247.2
581.6	L	21 4C0									579.1	-3.5	-41.1	173.5	247.3
581.9	P		18010	1.							579.3	-3.5	-41.2	173.5	247.5
581.9	S				S0				70.	185.	579.3	-3.5	-41.2	173.5	247.5
582.2	L	22 4E0									579.6	-3.5	-41.2	173.4	247.6
582.4	L	23 4J8									579.8	-3.5	-41.2	173.4	247.7
582.9	P		18020	1.							580.3	-3.6	-41.2	173.4	247.9
583.1	L	24 4E0									580.5	-3.6	-41.2	173.4	248.0
583.4	L	25 4G0									580.8	-3.6	-41.2	173.4	248.1
584.1	P		18030	1.							581.5	-3.7	-41.3	173.4	248.4
584.1	L	26 4E1									581.5	-3.7	-41.3	173.4	248.4
584.2	S				CS2	S			50.	185.	581.6	-3.7	-41.3	173.4	248.4
584.7	L	27 4A0									582.1	-3.8	-41.3	173.3	248.7
586.4	S				CS2	S			45.	185.	583.8	-4.0	-41.3	173.3	249.4
590.3	L	28 5B6									587.7	-4.4	-41.5	173.1	251.0
591.2	P		18040	2.							588.6	-4.5	-41.5	173.1	251.4
592.7	L	29 4C0									590.1	-4.7	-41.6	173.0	252.1
592.9	P		18050	1.							590.2	-4.7	-41.6	173.0	252.1
592.9	S				CS2	S	25.	195.	45.	185.	590.3	-4.7	-41.6	173.0	252.2
593.5	L	30 4A0									590.9	-4.8	-41.6	173.0	252.4
594.5	P		18060	2.							591.9	-4.9	-41.7	172.9	252.8
595.8	S				S0				65.	185.	593.2	-5.0	-41.7	172.9	253.4
596.5	P		18070	2.							593.8	-5.1	-41.7	172.9	253.7
598.5	P		18080	2.							595.8	-5.4	-41.8	172.8	254.5
600.3	P		18090	2.							597.6	-5.6	-41.9	172.7	255.3
601.0	L	31 4D0									598.3	-5.7	-41.9	172.7	255.6
602.0	P		18100	2.							599.3	-5.8	-41.9	172.6	256.0
604.0	P		18110	2.							601.3	-6.1	-42.0	172.5	256.9
605.0	S				S2				55.	185.	602.3	-6.2	-42.0	172.5	257.3

****
*   DDH: 77-X-01   *   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 LOG NO	INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
606.0	P		18120	2.							603.3	-6.3	-42.0	172.5	257.7
607.5	P		18130	1.							604.8	-6.5	-42.1	172.4	258.4
608.8	P		18140	2.							606.0	-6.7	-42.1	172.3	258.9
609.5	L	32 4D5									606.7	-6.8	-42.1	172.3	259.2
609.9	L	33 4K0									607.1	-6.8	-42.1	172.3	259.4
610.5	P		18150	2.							607.7	-6.9	-42.2	172.3	259.7
611.4	L	34 4D0									608.6	-7.0	-42.2	172.2	260.0
612.3	L	35 4K0									609.5	-7.1	-42.2	172.2	260.4
612.5	P		18160	2.							609.7	-7.2	-42.2	172.2	260.5
612.7	S				S0				55.	185.	609.9	-7.2	-42.2	172.2	260.6
612.9	L	36 4G0									610.1	-7.2	-42.2	172.2	260.7
613.4	L	37 4K0									610.6	-7.3	-42.2	172.2	260.9
614.4	P		18170	2.							611.6	-7.4	-42.2	172.1	261.3
616.4	P		18180	2.							613.6	-7.7	-42.3	172.0	262.2
617.9	P		18190	1.							615.1	-7.9	-42.3	172.0	262.8
619.2	P		18200	2.							616.3	-8.1	-42.3	171.9	263.4
619.2	S				S0				50.	185.	616.3	-8.1	-42.3	171.9	263.4
620.0	L	38 4D5									617.1	-8.2	-42.3	171.9	263.7
620.0	S				S0				45.	185.	617.1	-8.2	-42.3	171.9	263.7
620.5	P		18210	1.							617.6	-8.2	-42.3	171.9	263.9
620.9	L	39 4G0									618.0	-8.3	-42.4	171.8	264.1
621.7	P		18220	2.							618.9	-8.4	-42.4	171.8	264.5
622.6	L	40 5B6									619.7	-8.6	-42.4	171.8	264.8
623.3	P		18230	1.							620.4	-8.7	-42.4	171.7	265.1
624.0	L	41 4B0									621.1	-8.8	-42.4	171.7	265.4
624.2	L	42 4H0									621.3	-8.8	-42.4	171.7	265.5
624.5	L	43 4E0									621.6	-8.8	-42.4	171.7	265.6
624.5	S				S0				45.	185.	621.6	-8.8	-42.4	171.7	265.6
624.6	P		18240	1.							621.7	-8.8	-42.4	171.7	265.7
625.2	L	44 4G0									622.3	-8.9	-42.4	171.7	265.9
627.2	L	45 5B4									624.3	-9.2	-42.4	171.6	266.8
627.8	S				PS2				50.	185.	624.9	-9.3	-42.4	171.6	267.0
629.6	S				PS2				43.	185.	626.6	-9.6	-42.4	171.5	267.8
629.7	L	46 5B6									626.7	-9.6	-42.4	171.5	267.8
635.5	S				PS2				65.	185.	632.5	-10.5	-42.5	171.2	270.3
642.2	S				PS2				57.	185.	639.1	-11.5	-42.4	171.0	273.2

****
*   DDH: 77-X-01   *   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 LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
653.5	R							650.2	-13.3	-42.2	170.5	278.0
655.9	S			PS2			33. 185.	652.6	-13.7	-42.2	170.5	279.1
659.9	S			PS2			49. 185.	656.6	-14.3	-42.1	170.6	280.9
671.2	S			PS2			50. 185.	667.7	-16.1	-41.6	170.7	285.9
676.7	S			PS2			43. 185.	673.1	-17.0	-41.4	170.7	288.4
677.1	L		47 5B6					673.5	-17.0	-41.4	170.7	288.5
678.7	L		48 0C0					675.1	-17.3	-41.3	170.7	289.3
682.6	L		49 5A*					679.0	-17.9	-41.1	170.8	291.0
683.7	S			PS2			68. 185.	680.0	-18.0	-41.0	170.8	291.5
700.0	L		50 5D2					696.1	-20.4	-39.9	170.9	298.8
710.1	L		51 0C0					706.1	-21.8	-39.1	171.0	303.3
710.2	S			PS2			72. 185.	706.2	-21.8	-39.1	171.0	303.3
716.3	S			PS2			62. 185.	712.2	-22.5	-38.5	171.1	306.1
721.8	S			PS2			62. 185.	717.7	-23.2	-38.0	171.1	308.5
727.0	L		52 3D1					722.8	-23.8	-37.5	171.2	310.8
727.6	S			PS2			58. 185.	723.4	-23.9	-37.4	171.2	311.1
728.8	L		53 3D2					724.6	-24.0	-37.3	171.2	311.7
729.1	L		54 3D9					724.9	-24.1	-37.3	171.2	311.8
734.9	S			PS2			57. 185.	730.6	-24.7	-36.7	171.2	314.4
735.3	L		55 3D0					731.0	-24.8	-36.6	171.2	314.6
736.4	L		56 0C0					732.1	-24.9	-36.5	171.2	315.1
737.1	L		57 3D0					732.8	-25.0	-36.4	171.2	315.4
737.9	L		58 0C0					733.6	-25.1	-36.4	171.3	315.7
741.0	S			PS2			59. 185.	736.6	-25.4	-36.0	171.3	317.1
743.0	R							738.6	-25.6	-35.8	171.3	318.0
747.1	S			PS2			66. 185.	742.7	-26.0	-35.3	171.3	318.0
750.0	L		59 3D0					745.5	-26.3	-35.0	171.3	318.0
750.0	R							745.5	-26.3	-35.0	171.3	318.0

FINISHED -- LENGTH = 750.00 METERS   ENTRIES = 256

```
 STOP FINISHED
SRU'S:34.5
!*
!DEFINE 77X01D.PF KEY:0 ON:SPN
!EQUATE 20 77X01D.PF
!DDHPLT.DH
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************************
*     DDH:  77-X-01     *     PLOT OF CORRECTED DRILLHOLE DATA
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DATA READ COMPLETED -- CARDS =  256
     POINTS =  255    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
```

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,2000,005


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

                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:    -.85 -     .02 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:     0.  -    750.0 METERS     J =   1 - 255

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

PROGRAM COMMAND:  PLOTB,2000,005


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

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

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:    -.85 -     .02 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:     0.  -    750.0 METERS     J =   1 - 255
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*************************
*     DDH:  77-X-01     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
*************************
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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	-51.8	-.12	-.16
17.3	178.3	28.8						81.	185.	10.5	185.0	-10.5	-.20	-.04
23.8	177.9	35.8						74.	185.	17.8	185.0	-17.8	-.19	-.06
30.2	177.9	40.2						81.	185.	10.6	185.0	-10.6	-.20	-.04
36.0	177.8	44.2						81.	185.	10.6	185.0	-10.6	-.20	-.04
40.5	177.7	47.3						74.	185.	17.6	185.0	-17.6	-.19	-.06
48.4	177.6	52.8						73.	185.	18.5	185.0	-18.5	-.19	-.06
59.3	177.4	60.3						85.	185.					
64.1	177.4	63.7						80.	185.	11.1	185.0	-11.1	-.20	-.04
67.8	177.3	66.2						73.	185.	18.1	185.0	-18.1	-.19	-.06
71.1	177.3	68.5						81.	185.	9.9	185.0	-9.9	-.20	-.03
77.8	177.2	73.1						80.	185.	9.7	185.0	-9.7	-.20	-.03
83.4	177.1	77.0						79.	185.	10.7	185.0	-10.7	-.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	-20.8	-.19	-.07
116.4	176.6	99.9						76.	185.	13.6	185.0	-13.6	-.19	-.05
124.0	176.5	105.1						69.	185.	20.1	185.0	-20.1	-.19	-.07
130.0	176.4	109.3						82.	185.					
137.3	176.3	114.3						65.	185.	23.5	185.0	-23.5	-.18	-.08
144.5	176.2	119.3						70.	185.	18.1	185.0	-18.1	-.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	-14.6	-.19	-.05
161.0	176.0	130.7						82.	185.	5.0	185.0	-5.0	-.20	-.02
167.4	175.9	135.1						58.	185.	29.2	185.0	-29.2	-.17	-.10
173.2	175.8	139.2						73.	185.	13.8	185.0	-13.8	-.19	-.05
179.1	175.7	143.2						64.	185.	22.6	185.0	-22.6	-.18	-.08
186.0	175.6	148.0						74.	185.	12.3	185.0	-12.3	-.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	-15.8	-.19	-.05
204.0	175.2	154.8						85.	185.					
208.4	175.0	155.5						71.	185.	14.5	185.0	-14.5	-.19	-.05
213.5	174.9	156.4						74.	185.	11.3	185.0	-11.3	-.20	-.04
219.7	174.7	157.4						75.	185.	10.1	185.0	-10.1	-.20	-.04
227.0	174.5	158.7						76.	185.	8.9	185.0	-8.9	-.20	-.03
232.3	174.3	159.5						80.	185.	4.6	185.0	-4.6	-.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	-9.3	-.20	-.03
250.1	173.8	162.5						84.	185.					
257.0	173.6	163.7						75.	185.	8.9	185.0	-8.9	-.20	-.03
266.3	173.3	165.2						85.	185.					

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

PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
272.6	173.1	166.3						77.	185.	6.3	185.0	-6.3	-.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	-12.7	-.20	-.04
296.6	172.4	170.3						60.	185.	22.6	185.0	-22.6	-.18	-.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	-11.1	-.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	-11.6	-.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	-12.9	-.19	-.04
352.1	170.9	179.8						75.	185.	5.9	185.0	-5.9	-.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	-5.6	-.20	-.02
374.3	171.8	184.7						76.	185.	5.8	185.0	-5.8	-.20	-.02
379.6	172.0	185.9						73.	185.	9.0	185.0	-9.0	-.20	-.03
385.9	172.3	187.3						67.	185.	15.3	185.0	-15.3	-.19	-.05
392.6	172.5	188.8						57.	185.	25.5	185.0	-25.5	-.18	-.09
400.4	172.8	190.5						76.	185.	6.8	185.0	-6.8	-.20	-.02
405.4	173.0	191.6						90.	185.					
411.9	173.3	193.1						77.	185.	6.3	185.0	-6.3	-.20	-.02
416.6	173.5	194.1						66.	185.	17.6	185.0	-17.6	-.19	-.06
421.7	173.7	195.3						73.	185.	10.8	185.0	-10.8	-.20	-.04
427.8	173.9	196.6						69.	185.	15.0	185.0	-15.0	-.19	-.05
434.0	174.2	198.0						75.	185.	9.3	185.0	-9.3	-.20	-.03
438.6	174.3	199.1						78.	185.	6.4	185.0	-6.4	-.20	-.02
445.5	174.6	200.6						80.	185.	4.7	185.0	-4.7	-.20	-.02
450.7	174.8	201.8						65.	185.	20.0	185.0	-20.0	-.19	-.07
456.0	175.0	202.9						76.	185.	9.2	185.0	-9.2	-.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	-15.9	-.19	-.05
479.3	175.9	208.1						72.	185.	14.2	185.0	-14.2	-.19	-.05
484.8	176.2	209.4						80.	185.	6.4	185.0	-6.4	-.20	-.02
490.0	176.4	210.5						70.	185.	16.7	185.0	-16.7	-.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	-12.0	-.20	-.04
509.7	176.4	216.7						83.	185.	3.7	185.0	-3.7	-.20	-.01

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*    DDH:  77-X-01     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
514.7	176.2	218.8						63.	185.	23.8	185.0	-23.8	-.18	-.08
519.6	176.0	220.9						72.	185.	14.6	185.0	-14.6	-.19	-.05
525.5	175.8	223.4						80.	185.	6.4	185.0	-6.4	-.20	-.02
530.2	175.6	225.4						75.	185.	11.4	185.0	-11.4	-.20	-.04
536.9	175.3	228.3						77.	185.	9.2	185.0	-9.2	-.20	-.03
581.9	173.5	247.5						70.	185.	16.2	185.0	-16.2	-.19	-.06
584.2	173.4	248.4						50.	185.	36.7	185.0	-36.7	-.16	-.12
586.4	173.3	249.4						45.	185.	41.8	185.0	-41.8	-.15	-.13
592.9	173.0	252.2	25.	195.	61.1	195.0	-60.7	45.	185.	41.9	185.0	-41.9	-.15	-.13
595.8	172.9	253.4						65.	185.	21.5	185.0	-21.5	-.19	-.07
605.0	172.5	257.3						55.	185.	32.1	185.0	-32.1	-.17	-.11
612.7	172.2	260.6						55.	185.	32.3	185.0	-32.3	-.17	-.11
619.2	171.9	263.4						50.	185.	37.7	185.0	-37.7	-.16	-.12
620.0	171.9	263.7						45.	185.	42.8	185.0	-42.8	-.15	-.14
624.5	171.7	265.6						45.	185.	43.0	185.0	-43.0	-.15	-.14
627.8	171.6	267.0						50.	185.	38.1	185.0	-38.1	-.16	-.12
629.6	171.5	267.8						43.	185.	45.3	185.0	-45.3	-.14	-.14
635.5	171.2	270.3						65.	185.	22.8	185.0	-22.8	-.18	-.08
642.2	171.0	273.2						57.	185.	31.9	185.0	-31.9	-.17	-.11
655.9	170.5	279.1						33.	185.	57.2	185.0	-57.2	-.11	-.17
659.9	170.6	280.9						49.	185.	41.1	185.0	-41.1	-.15	-.13
671.2	170.7	285.9						50.	185.	40.9	185.0	-40.9	-.15	-.13
676.7	170.7	288.4						43.	185.	48.5	185.0	-48.5	-.13	-.15
683.7	170.8	291.5						68.	185.	22.9	185.0	-22.9	-.18	-.08
710.2	171.0	303.3						72.	185.	20.5	185.0	-20.5	-.19	-.07
716.3	171.1	306.1						62.	185.	31.7	185.0	-31.7	-.17	-.10
721.8	171.1	308.5						62.	185.	32.0	185.0	-32.0	-.17	-.11
727.6	171.2	311.1						58.	185.	36.5	185.0	-36.5	-.16	-.12
734.9	171.2	314.4						57.	185.	38.0	185.0	-38.0	-.16	-.12
741.0	171.3	317.1						59.	185.	36.2	185.0	-36.2	-.16	-.12
747.1	171.3	318.0						66.	185.	29.2	185.0	-29.2	-.17	-.10

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

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PROGRAM COMMAND:  PLOTA,2000,095

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

                         PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                         PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                         X-AXIS PLOT LIMITS:    -.46 -    .15 (INCHES)
                         Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                         BOREHOLE LIMITS FOR PLOTTING:    0.  -   750.0 METERS     J =   1 - 255

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

PROGRAM COMMAND:  PLOTB,2000,095

                    ************************
                    *    DDH:  77-X-01    *    START PLOT NUMBER  4
                    ************************

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

                         PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                         X-AXIS PLOT LIMITS:    -.46 -    .15 (INCHES)
                         Y-AXIS BOREHOLE LENGTH:  14.68 (INCHES)

                         BOREHOLE LIMITS FOR PLOTTING:    0.  -   750.0 METERS     J =   1 - 255
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*    DDH:  77-X-01     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

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	-.0	-.20	-.00
17.3	178.3	28.8						81.	185.	10.5	185.0	-.0	-.20	-.00
23.8	177.9	35.8						74.	185.	17.8	185.0	-.0	-.20	-.00
30.2	177.9	40.2						81.	185.	10.6	185.0	-.0	-.20	-.00
36.0	177.8	44.2						81.	185.	10.6	185.0	-.0	-.20	-.00
40.5	177.7	47.3						74.	185.	17.6	185.0	-.0	-.20	-.00
48.4	177.6	52.8						73.	185.	18.5	185.0	-.0	-.20	-.00
59.3	177.4	60.3						85.	185.					
64.1	177.4	63.7						80.	185.	11.1	185.0	-.0	-.20	-.00
67.8	177.3	66.2						73.	185.	18.1	185.0	-.0	-.20	-.00
71.1	177.3	68.5						81.	185.	9.9	185.0	-.0	-.20	-.00
77.8	177.2	73.1						80.	185.	9.7	185.0	-.0	-.20	-.00
83.4	177.1	77.0						79.	185.	10.7	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
116.4	176.6	99.9						76.	185.	13.6	185.0	-.0	-.20	-.00
124.0	176.5	105.1						69.	185.	20.1	185.0	-.0	-.20	-.00
130.0	176.4	109.3						82.	185.					
137.3	176.3	114.3						65.	185.	23.5	185.0	-.0	-.20	-.00
144.5	176.2	119.3						70.	185.	18.1	185.0	-.0	-.20	-.00
151.0	176.1	123.8						83.	185.	4.2	185.0	-.0	-.20	-.00
154.8	176.1	126.4						73.	185.	14.6	185.0	-.0	-.20	-.00
161.0	176.0	130.7						82.	185.	5.0	185.0	-.0	-.20	-.00
167.4	175.9	135.1						58.	185.	29.2	185.0	-.0	-.20	-.00
173.2	175.8	139.2						73.	185.	13.8	185.0	-.0	-.20	-.00
179.1	175.7	143.2						64.	185.	22.6	185.0	-.0	-.20	-.00
186.0	175.6	148.0						74.	185.	12.3	185.0	-.0	-.20	-.00
192.0	175.5	152.2						84.	185.	1.7	185.0	-.0	-.20	-.00
198.4	175.3	153.9						70.	185.	15.8	185.0	-.0	-.20	-.00
204.0	175.2	154.8						85.	185.					
208.4	175.0	155.5						71.	185.	14.5	185.0	-.0	-.20	-.00
213.5	174.9	156.4						74.	185.	11.3	185.0	-.0	-.20	-.00
219.7	174.7	157.4						75.	185.	10.1	185.0	-.0	-.20	-.00
227.0	174.5	158.7						76.	185.	8.9	185.0	-.0	-.20	-.00
232.3	174.3	159.5						80.	185.	4.6	185.0	-.0	-.20	-.00
237.8	174.2	160.5						83.	185.	1.3	185.0	-.0	-.20	-.00
243.9	174.0	161.5						75.	185.	9.3	185.0	-.0	-.20	-.00
250.1	173.8	162.5						84.	185.					
257.0	173.6	163.7						75.	185.	8.9	185.0	-.0	-.20	-.00
266.3	173.3	165.2						85.	185.					

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

PROJECTION PLANE AZIMUTH =  95.0      VIEW AZIMUTH =   5.0
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DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
272.6	173.1	166.3						77.	185.	6.3	185.0	-.0	-.20	-.00
279.0	172.9	167.3						80.	185.	3.0	185.0	-.0	-.20	-.00
284.7	172.7	168.3						85.	185.					
290.9	172.5	169.3						70.	185.	12.7	185.0	-.0	-.20	-.00
296.6	172.4	170.3						60.	185.	22.6	185.0	-.0	-.20	-.00
303.5	172.2	171.4						80.	185.	2.2	185.0	-.0	-.20	-.00
309.7	172.0	172.5						71.	185.	11.1	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
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	-.0	-.20	-.00
352.1	170.9	179.8						75.	185.	5.9	185.0	-.0	-.20	-.00
358.3	171.2	181.1						90.	185.					
362.8	171.4	182.1						78.	185.	3.4	185.0	-.0	-.20	-.00
368.1	171.6	183.3						76.	185.	5.6	185.0	-.0	-.20	-.00
374.3	171.8	184.7						76.	185.	5.8	185.0	-.0	-.20	-.00
379.6	172.0	185.9						73.	185.	9.0	185.0	-.0	-.20	-.00
385.9	172.3	187.3						67.	185.	15.3	185.0	-.0	-.20	-.00
392.6	172.5	188.8						57.	185.	25.5	185.0	-.0	-.20	-.00
400.4	172.8	190.5						76.	185.	6.8	185.0	-.0	-.20	-.00
405.4	173.0	191.6						90.	185.					
411.9	173.3	193.1						77.	185.	6.3	185.0	-.0	-.20	-.00
416.6	173.5	194.1						66.	185.	17.6	185.0	-.0	-.20	-.00
421.7	173.7	195.3						73.	185.	10.8	185.0	-.0	-.20	-.00
427.8	173.9	196.6						69.	185.	15.0	185.0	-.0	-.20	-.00
434.0	174.2	198.0						75.	185.	9.3	185.0	-.0	-.20	-.00
438.6	174.3	199.1						78.	185.	6.4	185.0	-.0	-.20	-.00
445.5	174.6	200.6						80.	185.	4.7	185.0	-.0	-.20	-.00
450.7	174.8	201.8						65.	185.	20.0	185.0	-.0	-.20	-.00
456.0	175.0	202.9						76.	185.	9.2	185.0	-.0	-.20	-.00
462.4	175.3	204.4						85.	185.					
468.6	175.5	205.7						82.	185.	3.6	185.0	-.0	-.20	-.00
473.8	175.7	206.9						70.	185.	15.9	185.0	-.0	-.20	-.00
479.3	175.9	208.1						72.	185.	14.2	185.0	-.0	-.20	-.00
484.8	176.2	209.4						80.	185.	6.4	185.0	-.0	-.20	-.00
490.0	176.4	210.5						70.	185.	16.7	185.0	-.0	-.20	-.00
498.0	176.7	212.3						81.	185.	5.9	185.0	-.0	-.20	-.00
504.6	176.7	214.5						75.	185.	12.0	185.0	-.0	-.20	-.00
509.7	176.4	216.7						83.	185.	3.7	185.0	-.0	-.20	-.00

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

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
514.7	176.2	218.8						63.	185.	23.8	185.0	-.0	-.20	-.00
519.6	176.0	220.9						72.	185.	14.6	185.0	-.0	-.20	-.00
525.5	175.8	223.4						80.	185.	6.4	185.0	-.0	-.20	-.00
530.2	175.6	225.4						75.	185.	11.4	185.0	-.0	-.20	-.00
536.9	175.3	228.3						77.	185.	9.2	185.0	-.0	-.20	-.00
581.9	173.5	247.5						70.	185.	16.2	185.0	-.0	-.20	-.00
584.2	173.4	248.4						50.	185.	36.7	185.0	-.0	-.20	-.00
586.4	173.3	249.4						45.	185.	41.8	185.0	-.0	-.20	-.00
592.9	173.0	252.2	25.	195.	61.1	195.0	-17.4	45.	185.	41.9	185.0	-.0	-.20	-.00
595.8	172.9	253.4						65.	185.	21.5	185.0	-.0	-.20	-.00
605.0	172.5	257.3						55.	185.	32.1	185.0	-.0	-.20	-.00
612.7	172.2	260.6						55.	185.	32.3	185.0	-.0	-.20	-.00
619.2	171.9	263.4						50.	185.	37.7	185.0	-.0	-.20	-.00
620.0	171.9	263.7						45.	185.	42.8	185.0	-.0	-.20	-.00
624.5	171.7	265.6						45.	185.	43.0	185.0	-.0	-.20	-.00
627.8	171.6	267.0						50.	185.	38.1	185.0	-.0	-.20	-.00
629.6	171.5	267.8						43.	185.	45.3	185.0	-.0	-.20	-.00
635.5	171.2	270.3						65.	185.	22.8	185.0	-.0	-.20	-.00
642.2	171.0	273.2						57.	185.	31.9	185.0	-.0	-.20	-.00
655.9	170.5	279.1						33.	185.	57.2	185.0	-.0	-.20	-.00
659.9	170.6	280.9						49.	185.	41.1	185.0	-.0	-.20	-.00
671.2	170.7	285.9						50.	185.	40.9	185.0	-.0	-.20	-.00
676.7	170.7	288.4						43.	185.	48.5	185.0	-.0	-.20	-.00
683.7	170.8	291.5						68.	185.	22.9	185.0	-.0	-.20	-.00
710.2	171.0	303.3						72.	185.	20.5	185.0	-.0	-.20	-.00
716.3	171.1	306.1						62.	185.	31.7	185.0	-.0	-.20	-.00
721.8	171.1	308.5						62.	185.	32.0	185.0	-.0	-.20	-.00
727.6	171.2	311.1						58.	185.	36.5	185.0	-.0	-.20	-.00
734.9	171.2	314.4						57.	185.	38.0	185.0	-.0	-.20	-.00
741.0	171.3	317.1						59.	185.	36.2	185.0	-.0	-.20	-.00
747.1	171.3	318.0						66.	185.	29.2	185.0	-.0	-.20	-.00

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

```
 STOP ALL PLOTS FINISHED
SRU'S:31.9
!OFF
USAGE ON 11/15/77 AT 16:10:16
SRU'S:70.8       ELAPSED TIME: 00:00:35
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77X-02

GPS PQS001,,DRHOLE AT: 11/15/77 16:30:39 JOB: 24515 UU 40-01-048 8888888888 4

```
!EQUATE 1 77X02D.FD
!DEFINE 77X02D.TD KEY:
!EQUATE 2 77X02D.TD
!DDHCOR.DH
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************************
*     DDH:  77-X-02    *
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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
         1........0.........0.........0.........0.........0.
      1  T77-X-02 01184.022650140003l7795 METERS
      2  R77-X-02 00000        180.0 000.0 AT COLLAR
      3  R77-X-02 00113        178.0 068.0 UNDER CASING
      4  R77-X-02 01818        176.5 083.0
      5  R77-X-02 03647        176.5 113.0
      6  R77-X-02 05506        173.5 278.0
      7  R77-X-02 07244        178.0 289.0
      8  L77-X-02 00000 00073 01 #
      9  L77-X-02 00073 00218 02 5B0
     10  L77-X-02 00218 00252 03 5D3
     11  L77-X-02 00252 00411 04 5B0
     12  L77-X-02 00411 00442 05 5D3
     13  L77-X-02 00442 00476 06 5C3
     14  L77-X-02 00476 00582 07 5D3
     15  L77-X-02 00582 00725 08 5C3
     16  L77-X-02 00725 00798 09 5C0
     17  L77-X-02 00798 00834 10 5C3
     18  L77-X-02 00834 00941 11 5C0
     19  L77-X-02 00941 01166 12 5C0
     20  L77-X-02 01166 01211 13 5D3
     21  L77-X-02 01211 01485 14 5B2
     22  L77-X-02 01485 01529 15 5D3
     23  L77-X-02 01529 01586 16 5B2
     24  L77-X-02 01586 01594 17 5D3
     25  L77-X-02 01594 01639 18 5B2
     26  L77-X-02 01639 01659 19 5D3
     27  L77-X-02 01659 02314 20 5B2
     28  L77-X-02 02314 03942 21 5B0
     29  L77-X-02 03942 03962 22 5D3
     30  L77-X-02 03962 04065 23 5B2
     31  L77-X-02 04065 04122 24 5D3
     32  L77-X-02 04122 04301 25 5B8
     33  L77-X-02 04301 05267 26 5B0
     34  L77-X-02 05267 05277 27 5D3
     35  L77-X-02 05277 05295 28 5B0
     36  L77-X-02 05295 05424 29 5D3
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77-X-02    *
************************

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

                   1             2             3             4             5
        1.........0.............0.............0.............0.............0.
   37  L77-X-02 05424 05488 30 5B8
   38  L77-X-02 05488 05677 31 5D3
   39  L77-X-02 05677 05791 32 5B2
   40  L77-X-02 05791 05821 33 5B2
   41  L77-X-02 05821 05831 34 5D3
   42  L77-X-02 05831 05899 35 5B2
   43  L77-X-02 05899 06029 36 5B2
   44  L77-X-02 06029 06165 37 5B2
   45  L77-X-02 06165 06303 38 5D3
   46  L77-X-02 06303 06337 39 5A2
   47  L77-X-02 06337 06434 40 5B8
   48  L77-X-02 06434 06468 41 5D3
   49  L77-X-02 06468 06479 42 5B6
   50  L77-X-02 06479 06504 43 0
   51  L77-X-02 06504 06540 44 5A*
   52  L77-X-02 06540 06581 45 3G0
   53  L77-X-02 06581 06604 46 3D0
   54  L77-X-02 06604 06631 47 0B0
   55  L77-X-02 06631 06948 48 3D2
   56  L77-X-02 06948 07013 49 0B0
   57  L77-X-02 07013 07154 50 3D2
   58  L77-X-02 07154 07245 51 0B0
   59  L77-X-02 07245 07270 52 3D1
   60  L77-X-02 07270 07341 53 0C0
   61  L77-X-02 07341 07352 54 3D1
   62  L77-X-02 07352 07369 55 0B0
   63  S77-X-02       00078 CS2          85185
   64  S77-X-02       00140 CS2          75185
   65  S77-X-02       00200 CS2          82185
   66  S77-X-02       00259 CS2          90185
   67  S77-X-02       00322 CS2          77185
   68  S77-X-02       00384 CS2          90185
   69  S77-X-02       00445 CS2          87185
   70  S77-X-02       00491 CS2          75185
   71  S77-X-02       00499     E
   72  S77-X-02       00552 CS2 Z        84185
   73  S77-X-02       01212 CS2 S        80185
   74  S77-X-02       01272 CS2          74185
   75  S77-X-02       01331 CS2          76185
   76  S77-X-02       01333     E
   77  S77-X-02       01368 CS2 3 00185 77185
   78  S77-X-02       01422 CS2          80185
        1.........1.............2.............3.............4.............5
                  0             0             0             0             0
```

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************************
*     DDH:  77-X-02    *
************************

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

               1         2         3         4         5
      1........0.........0.........0.........0.........0.
  79  S77-X-02       01484 CS2         81185
  80  S77-X-02       01536 CS2         75185
  81  S77-X-02       01558     E
  82  S77-X-02       01578 CS2         83185
  83  S77-X-02       01582     3
  84  S77-X-02       01633 CS2         77185
  85  S77-X-02       01696 CS2   90185 68185
  86  S77-X-02       01757 CS2         89185
  87  S77-X-02       01817 CS2         71185
  88  S77-X-02       01860 CS2         77185
  89  S77-X-02       01877     E
  90  S77-X-02       01922 CS2 Z       77185
  91  S77-X-02       01987 CS2         78185
  92  S77-X-02       02045 CS2         86185
  93  S77-X-02       02111 CS2         83185
  94  S77-X-02       02186 CS2 S       82185
  95  S77-X-02       02245 CS2         85185
  96  S77-X-02       02293 CS2         70185
  97  S77-X-02       02356 CS2         69185
  98  S77-X-02       02432 CS2         56185
  99  S77-X-02       02492 CS2         90185
 100  S77-X-02       02570 CS2 S       72185
 101  S77-X-02       02625 CS2         80185
 102  S77-X-02       02686 CS2         68185
 103  S77-X-02       02747 CS2         75185
 104  S77-X-02       02807 CS2         78185
 105  S77-X-02       02860 CS2         72185
 106  S77-X-02       02909 CS2         77185
 107  S77-X-02       02978 CS2 S       79185
 108  S77-X-02       03040 CS2         76185
 109  S77-X-02       03103 CS2         85185
 110  S77-X-02       03163 CS2         57185
 111  S77-X-02       03222 CS2         68185
 112  S77-X-02       03277 CS2 S       78185
 113  S77-X-02       03324 CS2         75185
 114  S77-X-02       03385 CS2         85185
 115  S77-X-02       03437 CS2         77185
 116  S77-X-02       03496 CS2         87185
 117  S77-X-02       03575 CS2 S       71185
 118  S77-X-02       03635 CS2         65185
 119  S77-X-02       03686 CS2         83185
 120  S77-X-02       03741 CS2         75185
      1........1.........2.........3.........4.........5
               0         0         0         0         0
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************************
*     DDH:  77-X-02    *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
     121 S77-X-02       03813 CS2         88185
     122 S77-X-02       03872 CS2         75185
     123 S77-X-02       03928 CS2         84185
     124 S77-X-02       03989 CS2         75185
     125 S77-X-02       04053 CS2         83185
     126 S77-X-02       04120 CS2         71185
     127 S77-X-02       04185 CS2         70185
     128 S77-X-02       04245 CS2         75185
     129 S77-X-02       04304 CS2         80185
     130 S77-X-02       04354 CS2         77185
     131 S77-X-02       04415 CS2         87185
     132 S77-X-02       04475 CS2         81185
     133 S77-X-02       04547 CS2         83185
     134 S77-X-02       04593 CS2         77185
     135 S77-X-02       04650 CS2   10005 84185
     136 S77-X-02       04715 CS2         75185
     137 S77-X-02       04772 CS2         78185
     138 S77-X-02       04833 CS2         79185
     139 S77-X-02       04897 CS2         85185
     140 S77-X-02       04964 CS2         85185
     141 S77-X-02       04987     E
     142 S77-X-02       05029 CS2         75185
     143 S77-X-02       05090 CS2         70185
     144 S77-X-02       05157 CS2         81185
     145 S77-X-02       05231 CS2         78185
     146 S77-X-02       05291 CS2         85185
     147 S77-X-02       05332 CS2         65185
     148 S77-X-02       05400 CS2         65185
     149 S77-X-02       05443 CS2         74185
     150 S77-X-02       05508 CS2         68185
     151 S77-X-02       05558 CS2         70185
     152 S77-X-02       05619 CS2         63185
     153 S77-X-02       05629     3
     154 S77-X-02       05686 CS2         83185
     155 S77-X-02       05758 CS2         75185
     156 S77-X-02       05768     E
     157 S77-X-02       05818 CS2         84185
     158 S77-X-02       05840     3
     159 S77-X-02       05880 CS2         80185
     160 S77-X-02       05930 CS2         83185
     161 S77-X-02       05992 CS2         66185
     162 S77-X-02       06059 CS2         62185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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************************
*     DDH:  77-X-02     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
    163  S77-X-02       06115 CS2         34185
    164  S77-X-02       06169 CS2         77185
    165  S77-X-02       06235 CS2         76185
    166  S77-X-02       06302 CS2         68185
    167  S77-X-02       06363 CS2         69185
    168  S77-X-02       06420 CS2         85185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0

DDH:  77-X-02 -- SUMMARY OF DATA INPUT

              RECORDS READ =  168   RELEASED TO SORT  204
              TYPE-L =   55
              TYPE-P =    0
              TYPE-R =    6
              TYPE-S =  106
              TYPE-X =   36   ( GENERATED TO DEPTH:  720.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =    736.9 METERS
```

```
************************
*     DDH:  77-X-02    *
************************

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 -  178.00
                              AZIMUTH:       0.   -   68.00

     BOREHOLE SECTION  2  --  DEPTH:         11.30 -  181.80 METERS
                              ZENITH ANG:  178.00 -  176.50
                              AZIMUTH:      68.00 -   83.00

     BOREHOLE SECTION  3  --  DEPTH:        181.80 -  364.70 METERS
                              ZENITH ANG:  176.50 -  176.50
                              AZIMUTH:      83.00 -  113.00

     BOREHOLE SECTION  4  --  DEPTH:        364.70 -  550.60 METERS
                              ZENITH ANG:  176.50 -  173.50
                              AZIMUTH:     113.00 -  278.00

HOLE ASSUMED VERTICAL AT DEPTH 429.72

     BOREHOLE SECTION  5  --  DEPTH:        550.60 -  724.40 METERS
                              ZENITH ANG:  173.50 -  178.00
                              AZIMUTH:     278.00 -  289.00

     BOREHOLE SECTION  6  --  DEPTH:        724.40 -  736.90 METERS
                              ZENITH ANG:  178.00 -  178.00
                              AZIMUTH:     289.00 -  289.00

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

****
*   DDH: 77-X-02   *   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

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
					-------- STRUCTURAL LOG --------										
0.	R										0.	0.	0.	180.0	0.
7.3	L	01 #									7.3	.0	.1	178.7	43.9
7.8	S				CS2				85.	185.	7.8	.0	.1	178.6	46.9
11.3	R										11.3	.1	.1	178.0	68.0
14.0	S				CS2				75.	185.	14.0	.2	.2	178.0	68.2
20.0	S				CS2				82.	185.	20.0	.4	.2	177.9	68.8
21.8	L	02 5B0									21.8	.5	.3	177.9	68.9
25.2	L	03 5D3									25.2	.6	.3	177.9	69.2
25.9	S				CS2				90.	185.	25.9	.6	.3	177.9	69.3
32.2	S				CS2				77.	185.	32.2	.8	.4	177.8	69.8
38.4	S				CS2				90.	185.	38.4	1.1	.5	177.8	70.4
41.1	L	04 5B0									41.1	1.2	.5	177.7	70.6
44.2	L	05 5D3									44.2	1.3	.6	177.7	70.9
44.5	S				CS2				87.	185.	44.5	1.3	.6	177.7	70.9
47.6	L	06 5C3									47.6	1.4	.6	177.7	71.2
49.1	S				CS2				75.	185.	49.1	1.5	.6	177.7	71.3
49.9	S					E					49.9	1.5	.6	177.7	71.4
55.2	S				CS2	Z			84.	185.	55.2	1.7	.7	177.6	71.9
58.2	L	07 5D3									58.2	1.8	.7	177.6	72.1
72.5	L	08 5C3									72.4	2.4	.9	177.5	73.4
79.8	L	09 5C0									79.7	2.7	1.0	177.4	74.0
83.4	L	10 5C3									83.3	2.9	1.1	177.4	74.3
94.1	L	11 5C0									94.0	3.4	1.2	177.3	75.3
116.6	L	12 5C0									116.5	4.5	1.5	177.1	77.3
121.1	L	13 5D3									121.0	4.7	1.5	177.0	77.7
121.2	S				CS2	S			80.	185.	121.1	4.7	1.5	177.0	77.7
127.2	S				CS2				74.	185.	127.1	5.0	1.6	177.0	78.2
133.1	S				CS2				76.	185.	133.0	5.3	1.6	176.9	78.7
133.3	S					E					133.2	5.3	1.6	176.9	78.7
136.8	S				CS2	3		185.	77.	185.	136.7	5.5	1.7	176.9	79.0
142.2	S				CS2				80.	185.	142.1	5.8	1.7	176.8	79.5
148.4	S				CS2				81.	185.	148.3	6.1	1.8	176.8	80.1
148.5	L	14 5B2									148.4	6.1	1.8	176.8	80.1
152.9	L	15 5D3									152.7	6.4	1.8	176.8	80.5
153.6	S				CS2				75.	185.	153.4	6.4	1.8	176.7	80.5
155.8	S					E					155.6	6.5	1.9	176.7	80.7
157.8	S				CS2				83.	185.	157.6	6.6	1.9	176.7	80.9
158.2	S					3					158.0	6.7	1.9	176.7	80.9

****
* DDH: 77-X-02 * 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	6.7	1.9	176.7	81.0
159.4	L	17 5D3									159.2	6.7	1.9	176.7	81.0
163.3	S				CS2				77.	185.	163.1	7.0	1.9	176.7	81.4
163.9	L	18 5B2									163.7	7.0	1.9	176.7	81.4
165.9	L	19 5D3									165.7	7.1	2.0	176.6	81.6
169.6	S				CS2		90.	185.	68.	185.	169.4	7.3	2.0	176.6	81.9
175.7	S				CS2				89.	185.	175.5	7.7	2.0	176.6	82.5
181.7	S				CS2				71.	185.	181.5	8.1	2.1	176.5	83.0
181.8	R										181.6	8.1	2.1	176.5	83.0
186.0	S				CS2				77.	185.	185.8	8.3	2.1	176.5	83.7
187.7	S					E					187.5	8.4	2.1	176.5	84.0
192.2	S				CS2	Z			77.	185.	192.0	8.7	2.1	176.5	84.7
198.7	S				CS2				78.	185.	198.5	9.1	2.2	176.5	85.8
204.5	S				CS2				86.	185.	204.3	9.4	2.2	176.5	86.7
211.1	S				CS2				83.	185.	210.8	9.8	2.2	176.5	87.8
218.6	S				CS2	S			82.	185.	218.3	10.3	2.2	176.5	89.0
224.5	S				CS2				85.	185.	224.2	10.7	2.2	176.5	90.0
229.3	S				CS2				70.	185.	229.0	10.9	2.2	176.5	90.8
231.4	L	20 5B2									231.1	11.1	2.2	176.5	91.1
235.6	S				CS2				69.	185.	235.3	11.3	2.2	176.5	91.8
243.2	S				CS2				56.	185.	242.9	11.8	2.2	176.5	93.1
249.2	S				CS2				90.	185.	248.9	12.2	2.2	176.5	94.1
257.0	S				CS2	S			72.	185.	256.7	12.6	2.1	176.5	95.3
262.5	S				CS2				80.	185.	262.1	13.0	2.1	176.5	96.2
268.6	S				CS2				68.	185.	268.2	13.3	2.1	176.5	97.2
274.7	S				CS2				75.	185.	274.3	13.7	2.0	176.5	98.2
280.7	S				CS2				78.	185.	280.3	14.1	2.0	176.5	99.2
286.0	S				CS2				72.	185.	285.6	14.4	1.9	176.5	100.1
290.9	S				CS2				77.	185.	290.5	14.7	1.9	176.5	100.9
297.8	S				CS2	S			79.	185.	297.4	15.1	1.8	176.5	102.0
304.0	S				CS2				76.	185.	303.6	15.5	1.7	176.5	103.0
310.3	S				CS2				85.	185.	309.9	15.8	1.6	176.5	104.1
316.3	S				CS2				57.	185.	315.8	16.2	1.5	176.5	105.1
322.2	S				CS2				68.	185.	321.7	16.5	1.4	176.5	106.0
327.7	S				CS2	S			78.	185.	327.2	16.9	1.3	176.5	106.9
332.4	S				CS2				75.	185.	331.9	17.1	1.2	176.5	107.7
338.5	S				CS2				85.	185.	338.0	17.5	1.1	176.5	108.7
343.7	S				CS2				77.	185.	343.2	17.8	1.0	176.5	109.6
349.6	S				CS2				87.	185.	349.1	18.1	.9	176.5	110.5
357.5	S				CS2	S			71.	185.	357.0	18.6	.7	176.5	111.8

****
*   DDH: 77-X-02   *   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.	363.0	18.9	.6	176.5	112.8
364.7	R										364.2	19.0	.5	176.5	113.0
368.6	S				CS2				83.	185.	368.0	19.2	.5	176.4	116.5
374.1	S				CS2				75.	185.	373.5	19.5	.3	176.3	121.3
381.3	S				CS2				88.	185.	380.7	19.8	.2	176.2	127.7
387.2	S				CS2				75.	185.	386.6	20.0	.1	176.1	133.0
392.8	S				CS2				84.	185.	392.2	20.2	.0	176.0	137.9
394.2	L	21 5B0									393.6	20.3	.0	176.0	139.2
396.2	L	22 5D3									395.6	20.3	.0	176.0	141.0
398.9	S				CS2				75.	185.	398.3	20.4	-.0	175.9	143.4
405.3	S				CS2				83.	185.	404.7	20.6	-.1	175.8	149.0
406.5	L	23 5B2									405.9	20.6	-.1	175.8	150.1
412.0	S				CS2				71.	185.	411.4	20.7	-.1	175.7	155.0
412.2	L	24 5D3									411.6	20.7	-.1	175.7	155.2
418.5	S				CS2				70.	185.	417.9	20.8	-.2	175.6	160.8
424.5	S				CS2				75.	185.	423.9	20.8	-.2	175.5	166.1
430.1	L	25 5B8									429.5	20.9	-.2	175.4	171.0
430.4	S				CS2				80.	185.	429.8	20.9	-.2	175.4	171.3
435.4	S				CS2				77.	185.	434.8	20.8	-.2	175.4	175.8
441.5	S				CS2				87.	185.	440.9	20.8	-.2	175.3	181.2
447.5	S				CS2				81.	185.	446.9	20.7	-.1	175.2	186.5
454.7	S				CS2				83.	185.	454.1	20.6	-.1	175.0	192.9
459.3	S				CS2				77.	185.	458.7	20.5	-.1	175.0	197.0
465.0	S				CS2		10.	5.	84.	185.	464.4	20.3	-.0	174.9	202.0
471.5	S				CS2				75.	185.	470.9	20.1	.0	174.8	207.8
477.2	S				CS2				78.	185.	476.6	19.9	.1	174.7	212.9
483.3	S				CS2				79.	185.	482.7	19.6	.2	174.6	218.3
489.7	S				CS2				85.	185.	489.1	19.3	.2	174.5	223.9
496.4	S				CS2				85.	185.	495.8	18.9	.3	174.4	229.9
498.7	S					E					498.1	18.7	.3	174.3	231.9
502.9	S				CS2				75.	185.	502.3	18.5	.4	174.3	235.7
509.0	S				CS2				70.	185.	508.3	18.0	.5	174.2	241.1
515.7	S				CS2				81.	185.	515.0	17.5	.6	174.1	247.0
523.1	S				CS2				78.	185.	522.4	16.9	.7	173.9	253.6
526.7	L	26 5B0									526.0	16.6	.8	173.9	256.8
527.7	L	27 5D3									527.0	16.5	.8	173.9	257.7
529.1	S				CS2				85.	185.	528.4	16.4	.8	173.8	258.9
529.5	L	28 5B0									528.8	16.4	.8	173.8	259.3
533.2	S				CS2				65.	185.	532.5	16.0	.9	173.8	262.6
540.0	S				CS2				65.	185.	539.2	15.4	1.0	173.7	268.6

****
*   DDH: 77-X-02   *   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

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									541.6	15.1	1.0	173.6	270.7
544.3	S				CS2				74.	185.	543.5	14.9	1.0	173.6	272.4
548.8	L	30 5B8									548.0	14.4	1.1	173.5	276.4
550.6	R										549.8	14.3	1.1	173.5	278.0
550.8	S				CS2				68.	185.	550.0	14.2	1.1	173.5	278.0
555.8	S				CS2				70.	185.	554.9	13.7	1.2	173.6	278.3
561.9	S				CS2				63.	185.	561.0	13.0	1.3	173.8	278.7
562.9	S					3					562.0	12.9	1.3	173.8	278.8
567.7	L	31 5D3									566.8	12.4	1.4	173.9	279.1
568.6	S				CS2				83.	185.	567.7	12.3	1.4	174.0	279.1
575.8	S				CS2				75.	185.	574.8	11.6	1.6	174.2	279.6
576.8	S					E					575.8	11.5	1.6	174.2	279.7
579.1	L	32 5B2									578.1	11.2	1.6	174.2	279.8
581.8	S				CS2				84.	185.	580.8	11.0	1.7	174.3	280.0
582.1	L	33 5B2									581.1	10.9	1.7	174.3	280.0
583.1	L	34 5D3									582.1	10.9	1.7	174.3	280.1
584.0	S					3					583.0	10.8	1.7	174.4	280.1
588.0	S				CS2				80.	185.	587.0	10.4	1.8	174.5	280.4
589.9	L	35 5B2									588.8	10.2	1.8	174.5	280.5
593.0	S				CS2				83.	185.	591.9	9.9	1.8	174.6	280.7
599.2	S				CS2				66.	185.	598.1	9.3	2.0	174.8	281.1
602.9	L	36 5B2									601.8	9.0	2.0	174.9	281.3
605.9	S				CS2				62.	185.	604.8	8.8	2.1	174.9	281.5
611.5	S				CS2				34.	185.	610.4	8.3	2.2	175.1	281.9
616.5	L	37 5B2									615.3	7.9	2.3	175.2	282.2
616.9	S				CS2				77.	185.	615.7	7.8	2.3	175.2	282.2
623.5	S				CS2				76.	185.	622.3	7.3	2.4	175.4	282.6
630.2	S				CS2				68.	185.	629.0	6.8	2.5	175.6	283.0
630.3	L	38 5D3									629.1	6.8	2.5	175.6	283.0
633.7	L	39 5A2									632.5	6.5	2.6	175.7	283.3
636.3	S				CS2				69.	185.	635.1	6.3	2.6	175.7	283.4
642.0	S				CS2				85.	185.	640.8	5.9	2.7	175.9	283.8
643.4	L	40 5B8									642.2	5.8	2.7	175.9	283.9
646.8	L	41 5D3									645.6	5.6	2.8	176.0	284.1
647.9	L	42 5B6									646.6	5.5	2.8	176.0	284.2
650.4	L	43 0									649.1	5.4	2.9	176.1	284.3
654.0	L	44 5A*									652.7	5.1	2.9	176.2	284.5
658.1	L	45 3G0									656.8	4.9	3.0	176.3	284.8
660.4	L	46 3D0									659.1	4.7	3.0	176.3	284.9
663.1	L	47 0B0									661.8	4.6	3.1	176.4	285.1

****
* DDH: 77-X-02 * 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

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									693.5	2.9	3.5	177.2	287.1
701.3	L	49 0B0									700.0	2.6	3.6	177.4	287.5
715.4	L	50 3D2									714.0	2.0	3.8	177.8	288.4
724.4	R										723.0	1.7	3.9	178.0	289.0
724.5	L	51 0B0									723.1	1.7	3.9	178.0	289.0
727.0	L	52 3D1									725.6	1.6	4.0	178.0	289.0
734.1	L	53 0C0									732.7	1.4	4.0	178.0	289.0
735.2	L	54 3D1									733.8	1.3	4.1	178.0	289.0
736.9	L	55 0B0									735.5	1.3	4.1	178.0	289.0
736.9	R										735.5	1.3	4.1	178.0	289.0

FINISHED -- LENGTH = 736.90 METERS ENTRIES = 205

```
 STOP FINISHED
SRU'S:27.9
!*
!DEFINE 77X02D.PF KEY:0 ON:SPN
!EQUATE 20 77X02D.PF
!DDHPLT.DH
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************************
*     DDH:  77-X-02     *      PLOT OF CORRECTED DRILLHOLE DATA
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```
DATA READ COMPLETED -- CARDS =  205
     POINTS =  204    MAX DDH DEPTH =     736.9 METERS
                      MAX TRUE DEPTH =    735.5 METERS
     EASTING:       0.  -    20.9 METERS
     NORTHING:     -.2  -     4.1 METERS

     TYPE C DATA (CONTACTS) -----  55
     TYPE F DATA (PLANES) -------  97
     TYPE P DATA (SAMPLES) ------   0
     TYPE S DATA (SYMMETRY) -----  18
     TYPE X DATA (REF MARKERS) --  36
```

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	7.3	01 #	15	152.9	15 5D3	29	542.4	29 5D3	43	650.4	43 0
2	21.8	02 5B0	16	158.6	16 5B2	30	548.8	30 5B8	44	654.0	44 5A*
3	25.2	03 5D3	17	159.4	17 5D3	31	567.7	31 5D3	45	658.1	45 3G0
4	41.1	04 5B0	18	163.9	18 5B2	32	579.1	32 5B2	46	660.4	46 3D0
5	44.2	05 5D3	19	165.9	19 5D3	33	582.1	33 5B2	47	663.1	47 0B0
6	47.6	06 5C3	20	231.4	20 5B2	34	583.1	34 5D3	48	694.8	48 3D2
7	58.2	07 5D3	21	394.2	21 5B0	35	589.9	35 5B2	49	701.3	49 0B0
8	72.5	08 5C3	22	396.2	22 5D3	36	602.9	36 5B2	50	715.4	50 3D2
9	79.8	09 5C0	23	406.5	23 5B2	37	616.5	37 5B2	51	724.5	51 0B0
10	83.4	10 5C3	24	412.2	24 5D3	38	630.3	38 5D3	52	727.0	52 3D1
11	94.1	11 5C0	25	430.1	25 5B8	39	633.7	39 5A2	53	734.1	53 0C0
12	116.6	12 5C0	26	526.7	26 5B0	40	643.4	40 5B8	54	735.2	54 3D1
13	121.1	13 5D3	27	527.7	27 5D3	41	646.8	41 5D3	55	736.9	55 0B0
14	148.5	14 5B2	28	529.5	28 5B0	42	647.9	42 5B6			

```
PROGRAM COMMAND:  PLOTA,2000,005


         ************************
         *     DDH:  77-X-02    *     START PLOT NUMBER  1
         ************************

               PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

               PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

               X-AXIS PLOT LIMITS:    0.    -     .08 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  14.48 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   736.9 METERS     J =   1 - 204

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

PROGRAM COMMAND:  PLOTB,2000,005


         ************************
         *     DDH:  77-X-02    *     START PLOT NUMBER  2
         ************************

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

               PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

               X-AXIS PLOT LIMITS:    0.    -     .08 (INCHES)
               Y-AXIS BOREHOLE LENGTH:  14.48 (INCHES)

               BOREHOLE LIMITS FOR PLOTTING:    0.  -   736.9 METERS     J =   1 - 204
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*************************
*    DDH:  77-X-02      *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
7.8	178.6	46.9						85.	185.	5.2	226.9	-3.9	-.20	-.01
14.0	178.0	68.2						75.	185.	15.8	185.0	-15.8	-.19	-.05
20.0	177.9	68.8						82.	185.	7.8	185.0	-7.8	-.20	-.03
25.9	177.9	69.3						90.	185.					
32.2	177.8	69.8						77.	185.	13.8	185.0	-13.8	-.19	-.05
38.4	177.8	70.4						90.	185.					
44.5	177.7	70.9						87.	185.					
49.1	177.7	71.3						75.	185.	15.8	185.0	-15.8	-.19	-.05
55.2	177.6	71.9						84.	185.	5.7	185.0	-5.7	-.20	-.02
121.2	177.0	77.7						80.	185.	9.6	185.0	-9.6	-.20	-.03
127.2	177.0	78.2						74.	185.	16.6	185.0	-16.6	-.19	-.06
133.1	176.9	78.7						76.	185.	14.6	185.0	-14.6	-.19	-.05
136.8	176.9	79.0	0.	185.				77.	185.	13.5	185.0	-13.5	-.19	-.05
142.2	176.8	79.5						80.	185.	9.6	185.0	-9.6	-.20	-.03
148.4	176.8	80.1						81.	185.	8.5	185.0	-8.5	-.20	-.03
153.6	176.7	80.5						75.	185.	15.5	185.0	-15.5	-.19	-.05
157.8	176.7	80.9						83.	185.	6.3	185.0	-6.3	-.20	-.02
163.3	176.7	81.4						77.	185.	12.6	185.0	-12.6	-.20	-.04
169.6	176.6	81.9	90.	185.				68.	185.	22.5	185.0	-22.5	-.18	-.08
175.7	176.6	82.5						89.	185.					
181.7	176.5	83.0						71.	185.	19.4	185.0	-19.4	-.19	-.07
186.0	176.5	83.7						77.	185.	12.6	185.0	-12.6	-.20	-.04
192.2	176.5	84.7						77.	185.	12.6	185.0	-12.6	-.20	-.04
198.7	176.5	85.8						78.	185.	11.5	185.0	-11.5	-.20	-.04
204.5	176.5	86.7						86.	185.					
211.1	176.5	87.8						83.	185.	6.1	185.0	-6.1	-.20	-.02
218.6	176.5	89.0						82.	185.	7.2	185.0	-7.2	-.20	-.03
224.5	176.5	90.0						85.	185.					
229.3	176.5	90.8						70.	185.	19.7	185.0	-19.7	-.19	-.07
235.6	176.5	91.8						69.	185.	20.7	185.0	-20.7	-.19	-.07
243.2	176.5	93.1						56.	185.	33.8	185.0	-33.8	-.17	-.11
249.2	176.5	94.1						90.	185.					
257.0	176.5	95.3						72.	185.	17.7	185.0	-17.7	-.19	-.06
262.5	176.5	96.2						80.	185.	9.4	185.0	-9.4	-.20	-.03
268.6	176.5	97.2						68.	185.	21.7	185.0	-21.7	-.19	-.07
274.7	176.5	98.2						75.	185.	14.6	185.0	-14.6	-.19	-.05
280.7	176.5	99.2						78.	185.	11.5	185.0	-11.5	-.20	-.04
286.0	176.5	100.1						72.	185.	17.7	185.0	-17.7	-.19	-.06
290.9	176.5	100.9						77.	185.	12.5	185.0	-12.5	-.20	-.04
297.8	176.5	102.0						79.	185.	10.5	185.0	-10.5	-.20	-.04
304.0	176.5	103.0						76.	185.	13.6	185.0	-13.6	-.19	-.05

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************************
*    DDH:  77-X-02     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
DDH METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
310.3	176.5	104.1						85.	185.					
316.3	176.5	105.1						57.	185.	32.2	185.0	-32.2	-.17	-.11
322.2	176.5	106.0						68.	185.	21.1	185.0	-21.1	-.19	-.07
327.7	176.5	106.9						78.	185.					
332.4	176.5	107.7						75.	185.	13.8	185.0	-13.8	-.19	-.05
338.5	176.5	108.7						85.	185.					
343.7	176.5	109.6						77.	185.	11.7	185.0	-11.7	-.20	-.04
349.6	176.5	110.5						87.	185.					
357.5	176.5	111.8						71.	185.	17.7	185.0	-17.7	-.19	-.06
363.5	176.5	112.8						65.	185.	23.7	185.0	-23.7	-.18	-.08
368.6	176.4	116.5						83.	185.					
374.1	176.3	121.3						75.	185.	13.0	185.0	-13.0	-.19	-.04
381.3	176.2	127.7						88.	185.					
387.2	176.1	133.0						75.	185.	12.3	185.0	-12.3	-.20	-.04
392.8	176.0	137.9						84.	185.	2.5	185.0	-2.5	-.20	-.01
398.9	175.9	143.4						75.	185.	11.7	185.0	-11.7	-.20	-.04
405.3	175.8	149.0						83.	185.	3.2	185.0	-3.2	-.20	-.01
412.0	175.7	155.0						71.	185.	15.2	185.0	-15.2	-.19	-.05
418.5	175.6	160.8						70.	185.	15.9	185.0	-15.9	-.19	-.05
424.5	175.5	166.1						75.	185.	10.7	185.0	-10.7	-.20	-.04
430.4	175.4	171.3						80.	185.	5.5	185.0	-5.5	-.20	-.02
435.4	175.4	175.8						77.	185.	8.4	185.0	-8.4	-.20	-.03
441.5	175.3	181.2						87.	185.					
447.5	175.2	186.5						81.	185.	4.2	185.0	-4.2	-.20	-.01
454.7	175.0	192.9						83.	185.	2.0	185.0	-2.0	-.20	-.01
459.3	175.0	197.0						77.	185.	8.1	185.0	-8.1	-.20	-.03
465.0	174.9	202.0	10.	5.	84.9	5.0	84.9	84.	185.	.9	185.0	-.9	-.20	-.00
471.5	174.8	207.8						75.	185.	10.1	185.0	-10.1	-.20	-.03
477.2	174.7	212.9						78.	185.	7.1	185.0	-7.1	-.20	-.02
483.3	174.6	218.3						79.	185.	6.1	185.0	-6.1	-.20	-.02
489.7	174.5	223.9						85.	185.					
496.4	174.4	229.9						85.	185.					
502.9	174.3	235.7						75.	185.	10.7	185.0	-10.7	-.20	-.04
509.0	174.2	241.1						70.	185.	16.2	185.0	-16.2	-.19	-.06
515.7	174.1	247.0						81.	185.	4.6	185.0	-4.6	-.20	-.02
523.1	173.9	253.6						78.	185.	8.4	185.0	-8.4	-.20	-.03
529.1	173.8	258.9						85.	185.					
533.2	173.8	262.6						65.	185.	23.0	185.0	-23.0	-.18	-.08
540.0	173.7	268.6						65.	185.	23.5	185.0	-23.5	-.18	-.08
544.3	173.6	272.4						74.	185.	14.7	185.0	-14.7	-.19	-.05
550.8	173.5	278.0						68.	185.	21.1	185.0	-21.1	-.19	-.07

****
*   DDH: 77-X-02   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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
555.8	173.6	278.3						70.	185.	19.0	185.0	-19.0	-.19	-.07
561.9	173.8	278.7						63.	185.	26.7	185.0	-26.7	-.18	-.09
568.6	174.0	279.1						83.	185.	3.7	185.0	-3.7	-.20	-.01
575.8	174.2	279.6						75.	185.	13.9	185.0	-13.9	-.19	-.05
581.8	174.3	280.0						84.	185.	2.0	185.0	-2.0	-.20	-.01
588.0	174.5	280.4						80.	185.	8.4	185.0	-8.4	-.20	-.03
593.0	174.6	280.7						83.	185.	4.5	185.0	-4.5	-.20	-.02
599.2	174.8	281.1						66.	185.	24.0	185.0	-24.0	-.18	-.08
605.9	174.9	281.5						62.	185.	28.2	185.0	-28.2	-.18	-.09
611.5	175.1	281.9						34.	185.	56.5	185.0	-56.5	-.11	-.17
616.9	175.2	282.2						77.	185.	12.1	185.0	-12.1	-.20	-.04
623.5	175.4	282.6						76.	185.	13.3	185.0	-13.3	-.19	-.05
630.2	175.6	283.0						68.	185.	22.2	185.0	-22.2	-.19	-.08
636.3	175.7	283.4						69.	185.	21.2	185.0	-21.2	-.19	-.07
642.0	175.9	283.8						85.	185.					

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

```
PROGRAM COMMAND:  PLOTA,2000,095


                  ************************
                  *     DDH:  77-X-02    *     START PLOT NUMBER  3
                  ************************

                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:    -.00 -     .41 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.48 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   736.9 METERS     J =   1 - 204

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

PROGRAM COMMAND:  PLOTB,2000,095


                  ************************
                  *     DDH:  77-X-02    *     START PLOT NUMBER  4
                  ************************

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

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:    -.00 -     .41 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  14.48 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   736.9 METERS     J =   1 - 204
```

```
************************
*     DDH:  77-X-02    *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
```

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
7.8	178.6	46.9						85.	185.	5.2	226.9	-3.5	-.20	-.01
14.0	178.0	68.2						75.	185.	15.8	185.0	-.0	-.20	-.00
20.0	177.9	68.8						82.	185.	7.8	185.0	-.0	-.20	-.00
25.9	177.9	69.3						90.	185.					
32.2	177.8	69.8						77.	185.	13.8	185.0	-.0	-.20	-.00
38.4	177.8	70.4						90.	185.					
44.5	177.7	70.9						87.	185.					
49.1	177.7	71.3						75.	185.	15.8	185.0	-.0	-.20	-.00
55.2	177.6	71.9						84.	185.	5.7	185.0	-.0	-.20	-.00
121.2	177.0	77.7						80.	185.	9.6	185.0	-.0	-.20	-.00
127.2	177.0	78.2						74.	185.	16.6	185.0	-.0	-.20	-.00
133.1	176.9	78.7						76.	185.	14.6	185.0	-.0	-.20	-.00
136.8	176.9	79.0	0.	185.				77.	185.	13.5	185.0	-.0	-.20	-.00
142.2	176.8	79.5						80.	185.	9.6	185.0	-.0	-.20	-.00
148.4	176.8	80.1						81.	185.	8.5	185.0	-.0	-.20	-.00
153.6	176.7	80.5						75.	185.	15.5	185.0	-.0	-.20	-.00
157.8	176.7	80.9						83.	185.	6.3	185.0	-.0	-.20	-.00
163.3	176.7	81.4						77.	185.	12.6	185.0	-.0	-.20	-.00
169.6	176.6	81.9	90.	185.				68.	185.	22.5	185.0	-.0	-.20	-.00
175.7	176.6	82.5						89.	185.					
181.7	176.5	83.0						71.	185.	19.4	185.0	-.0	-.20	-.00
186.0	176.5	83.7						77.	185.	12.6	185.0	-.0	-.20	-.00
192.2	176.5	84.7						77.	185.	12.6	185.0	-.0	-.20	-.00
198.7	176.5	85.8						78.	185.	11.5	185.0	-.0	-.20	-.00
204.5	176.5	86.7						86.	185.					
211.1	176.5	87.8						83.	185.	6.1	185.0	-.0	-.20	-.00
218.6	176.5	89.0						82.	185.	7.2	185.0	-.0	-.20	-.00
224.5	176.5	90.0						85.	185.					
229.3	176.5	90.8						70.	185.	19.7	185.0	-.0	-.20	-.00
235.6	176.5	91.8						69.	185.	20.7	185.0	-.0	-.20	-.00
243.2	176.5	93.1						56.	185.	33.8	185.0	-.0	-.20	-.00
249.2	176.5	94.1						90.	185.					
257.0	176.5	95.3						72.	185.	17.7	185.0	-.0	-.20	-.00
262.5	176.5	96.2						80.	185.	9.4	185.0	-.0	-.20	-.00
268.6	176.5	97.2						68.	185.	21.7	185.0	-.0	-.20	-.00
274.7	176.5	98.2						75.	185.	14.6	185.0	-.0	-.20	-.00
280.7	176.5	99.2						78.	185.	11.5	185.0	-.0	-.20	-.00
286.0	176.5	100.1						72.	185.	17.7	185.0	-.0	-.20	-.00
290.9	176.5	100.9						77.	185.	12.5	185.0	-.0	-.20	-.00
297.8	176.5	102.0						79.	185.	10.5	185.0	-.0	-.20	-.00
304.0	176.5	103.0						76.	185.	13.6	185.0	-.0	-.20	-.00

```
************************
*    DDH:  77-X-02     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
```

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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
310.3	176.5	104.1						85.	185.					
316.3	176.5	105.1						57.	185.	32.2	185.0	-.0	-.20	-.00
322.2	176.5	106.0						68.	185.	21.1	185.0	-.0	-.20	-.00
327.7	176.5	106.9						78.	185.					
332.4	176.5	107.7						75.	185.	13.8	185.0	-.0	-.20	-.00
338.5	176.5	108.7						85.	185.					
343.7	176.5	109.6						77.	185.	11.7	185.0	-.0	-.20	-.00
349.6	176.5	110.5						87.	185.					
357.5	176.5	111.8						71.	185.	17.7	185.0	-.0	-.20	-.00
363.5	176.5	112.8						65.	185.	23.7	185.0	-.0	-.20	-.00
368.6	176.4	116.5						83.	185.					
374.1	176.3	121.3						75.	185.	13.0	185.0	-.0	-.20	-.00
381.3	176.2	127.7						88.	185.					
387.2	176.1	133.0						75.	185.	12.3	185.0	-.0	-.20	-.00
392.8	176.0	137.9						84.	185.	2.5	185.0	-.0	-.20	-.00
398.9	175.9	143.4						75.	185.	11.7	185.0	-.0	-.20	-.00
405.3	175.8	149.0						83.	185.	3.2	185.0	-.0	-.20	-.00
412.0	175.7	155.0						71.	185.	15.2	185.0	-.0	-.20	-.00
418.5	175.6	160.8						70.	185.	15.9	185.0	-.0	-.20	-.00
424.5	175.5	166.1						75.	185.	10.7	185.0	-.0	-.20	-.00
430.4	175.4	171.3						80.	185.	5.5	185.0	-.0	-.20	-.00
435.4	175.4	175.8						77.	185.	8.4	185.0	-.0	-.20	-.00
441.5	175.3	181.2						87.	185.					
447.5	175.2	186.5						81.	185.	4.2	185.0	-.0	-.20	-.00
454.7	175.0	192.9						83.	185.	2.0	185.0	-.0	-.20	-.00
459.3	175.0	197.0						77.	185.	8.1	185.0	-.0	-.20	-.00
465.0	174.9	202.0	10.	5.	84.9	5.0	-.0	84.	185.	.9	185.0	-.0	-.20	-.00
471.5	174.8	207.8						75.	185.	10.1	185.0	-.0	-.20	-.00
477.2	174.7	212.9						78.	185.	7.1	185.0	-.0	-.20	-.00
483.3	174.6	218.3						79.	185.	6.1	185.0	-.0	-.20	-.00
489.7	174.5	223.9						85.	185.					
496.4	174.4	229.9						85.	185.					
502.9	174.3	235.7						75.	185.	10.7	185.0	-.0	-.20	-.00
509.0	174.2	241.1						70.	185.	16.2	185.0	-.0	-.20	-.00
515.7	174.1	247.0						81.	185.	4.6	185.0	-.0	-.20	-.00
523.1	173.9	253.6						78.	185.	8.4	185.0	-.0	-.20	-.00
529.1	173.8	258.9						85.	185.					
533.2	173.8	262.6						65.	185.	23.0	185.0	-.0	-.20	-.00
540.0	173.7	268.6						65.	185.	23.5	185.0	-.0	-.20	-.00
544.3	173.6	272.4						74.	185.	14.7	185.0	-.0	-.20	-.00
550.8	173.5	278.0						68.	185.	21.1	185.0	-.0	-.20	-.00

```
************************
*     DDH:  77-X-02    *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
```

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
555.8	173.6	278.3						70.	185.	19.0	185.0	-.0	-.20	-.00
561.9	173.8	278.7						63.	185.	26.7	185.0	-.0	-.20	-.00
568.6	174.0	279.1						83.	185.	3.7	185.0	-.0	-.20	-.00
575.8	174.2	279.6						75.	185.	13.9	185.0	-.0	-.20	-.00
581.8	174.3	280.0						84.	185.	2.0	185.0	-.0	-.20	-.00
588.0	174.5	280.4						80.	185.	8.4	185.0	-.0	-.20	-.00
593.0	174.6	280.7						83.	185.	4.5	185.0	-.0	-.20	-.00
599.2	174.8	281.1						66.	185.	24.0	185.0	-.0	-.20	-.00
605.9	174.9	281.5						62.	185.	28.2	185.0	-.0	-.20	-.00
611.5	175.1	281.9						34.	185.	56.5	185.0	-.0	-.20	-.00
616.9	175.2	282.2						77.	185.	12.1	185.0	-.0	-.20	-.00
623.5	175.4	282.6						76.	185.	13.3	185.0	-.0	-.20	-.00
630.2	175.6	283.0						68.	185.	22.2	185.0	-.0	-.20	-.00
636.3	175.7	283.4						69.	185.	21.2	185.0	-.0	-.20	-.00
642.0	175.9	283.8						85.	185.					

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

```
 STOP ALL PLOTS FINISHED
SRU'S:27.8
!OFF
USAGE ON 11/15/77 AT 16:10:40
SRU'S:60.2       ELAPSED TIME: 00:00:38
```

77X-03

GPS PQS001,,DRHOLE AT: 11/15/77 16:33:14 JOB: 24633 UU 40-01-048 8888888888 5

```
!EQUATE 1 77X03D.FD
!DEFINE 77X03D.TD KEY:
!EQUATE 2 77X03D.TD
!DDHCOR.DH
```

```
************************
*     DDH:  77-X-03    *
************************

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
           1........0.........0.........0.........0.........0.
      1    T77-X-03 01189.42264904800317898 METERS
      2    R77-X-03 00000        090.0 000.0 AT COLLAR
      3    R77-X-03 01887        078.5 043.0
      4    R77-X-03 02527        082.0 193.0
      5    R77-X-03 03624        083.0 193.0
      6    R77-X-03 04721        084.0 208.0
      7    R77-X-03 05919        088.0 178.0
      8    R77-X-03 06120        087.0 343.0
      9    R77-X-03 06882        078.0 353.0
     10    R77-X-03 07644        075.5 030.0
     11    R77-X-03 08406        073.5 000.0
     12    L77-X-03 00000 00019 01 #
     13    L77-X-03 00019 00271 02 5D3
     14    L77-X-03 00271 00500 03 5B0
     15    L77-X-03 00500 00585 04 5D3
     16    L77-X-03 00585 00625 05 5B0
     17    L77-X-03 00625 00636 06 5D3
     18    L77-X-03 00636 00677 07 5B0
     19    L77-X-03 00677 00724 08 5D3
     20    L77-X-03 00724 00763 09 5C0
     21    L77-X-03 00763 00855 10 5C8
     22    L77-X-03 00855 00904 11 5C0
     23    L77-X-03 00904 00972 12 5D3
     24    L77-X-03 00972 01100 13 5C0
     25    L77-X-03 01100 01141 14 5D3
     26    L77-X-03 01141 01195 15 5B0
     27    L77-X-03 01195 01245 16 5D3
     28    L77-X-03 01245 01333 17 5B0
     29    L77-X-03 01333 01468 18 5D3
     30    L77-X-03 01468 01501 19 5C3
     31    L77-X-03 01501 01591 20 5D3
     32    L77-X-03 01591 04308 21 5B0
     33    L77-X-03 04426 04525 22 5D3
     34    L77-X-03 04525 04658 23 5B6
     35    L77-X-03 04658 04813 24 5B0
     36    L77-X-03 04813 04868 25 5D3
           1........1.........2.........3.........4.........5
                    0         0         0         0         0
```

```
************************
*     DDH:  77-X-03    *
************************

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

                    1         2         3         4         5
           1........0.........0.........0.........0.........0.
      37   L77-X-03 04868 05004 26 5B6
      38   L77-X-03 05004 05136 27 5B0
      39   L77-X-03 05136 05202 28 5D3
      40   L77-X-03 05202 05341 29 5B0
      41   L77-X-03 05341 05379 30 5B6
      42   L77-X-03 05379 05418 31 5G0
      43   L77-X-03 05418 05485 32 5B0
      44   L77-X-03 05485 05589 33 5B0
      45   L77-X-03 05589 05855 34 5B6
      46   L77-X-03 05855 05901 35 5B0
      47   L77-X-03 05901 06198 36 5B6
      48   L77-X-03 06198 06238 37 5B0
      49   L77-X-03 06238 06329 38 5B2
      50   L77-X-03 06329 06472 39 5B6
      51   L77-X-03 06472 06517 40 5B6
      52   L77-X-03 06517 06821 41 5A0
      53   L77-X-03 06821 06888 42 4C7
      54   L77-X-03 06888 06910 43 5B4
      55   L77-X-03 06910 06939 44 5B4
      56   L77-X-03 06939 06951 45 5B4
      57   L77-X-03 06951 06982 46 5B4
      58   L77-X-03 06982 07001 47 5B4
      59   L77-X-03 07001 07026 48 4E4
      60   L77-X-03 07026 07036 49 4G0
      61   L77-X-03 07036 07045 50 4E1
      62   L77-X-03 07045 07051 51 4G0
      63   L77-X-03 07051 07059 52 4E1
      64   L77-X-03 07059 07108 53 4D0
      65   L77-X-03 07108 07140 54 4D5
      66   L77-X-03 07140 07172 55 4E1
      67   L77-X-03 07172 07187 56 5B4
      68   L77-X-03 07187 07312 57 5B4
      69   L77-X-03 07312 07366 58 4E1
      70   L77-X-03 07366 07393 59 4C7
      71   L77-X-03 07393 07426 60 4D0
      72   L77-X-03 07426 07436 61 4A0
      73   L77-X-03 07436 07541 62 5B4
      74   L77-X-03 07541 07644 63 5D6
      75   L77-X-03 07644 07748 64 5B4
      76   L77-X-03 07748 07769 65 5B6
      77   L77-X-03 07769 07910 66 5D6
      78   L77-X-03 07910 08016 67 5B4
           1........1.........2.........3.........4.........5
                    0         0         0         0         0
```

```
************************
*     DDH:  77-X-03    *
************************
```

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

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

121	S77-X-03	01683	CS2			73185
122	S77-X-03	01707	CS2		79005	78185
123	S77-X-03	01744	CS2		54185	68185
124	S77-X-03	01832	CS2			75185
125	S77-X-03	01905	CS2			64185
126	S77-X-03	01969	CS2			76185
127	S77-X-03	02097	CS2			65185
128	S77-X-03	02132		E		
129	S77-X-03	02173	CS2			70185
130	S77-X-03	02240	CS2			77185
131	S77-X-03	02304	CS2			67185
132	S77-X-03	02353	CS2			70185
133	S77-X-03	02426	CS2			62185
134	S77-X-03	02493	CS2			74185
135	S77-X-03	02560	CS2			65185
136	S77-X-03	02618	CS2		77275	77185
137	S77-X-03	02694	CS2			83185
138	S77-X-03	02765	CS2		90	80185
139	S77-X-03	02771		3		
140	S77-X-03	02829	CS2			85185
141	S77-X-03	02883	CS2		90	76185
142	S77-X-03	02929	CS2		90	78185
143	S77-X-03	02977		E		
144	S77-X-03	03018	CS2		84095	80185
145	S77-X-03	03079	CS2			82185
146	S77-X-03	03143	CS2			73185
147	S77-X-03	03204	CS2			74185
148	S77-X-03	03249	CS2			70185
149	S77-X-03	03347	CS2			73185
150	S77-X-03	03430		3		
151	S77-X-03	03438	CS2			70185
152	S77-X-03	03520	CS2			75185
153	S77-X-03	03563	CS2		80005	80185
154	S77-X-03	03620	CS2			60185
155	S77-X-03	03682	CS2			80185
156	S77-X-03	03748	CS2	E		65185
157	S77-X-03	03795	CS2			70185
158	S77-X-03	03851	CS2			80185
159	S77-X-03	03891		3		
160	S77-X-03	03908	CS2			75185
161	S77-X-03	03963	CS2			70185
162	S77-X-03	04026	CS2			70185

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

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************************
*     DDH:  77-X-03    *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
  163   S77-X-03       04088 CS2        70185
  164   S77-X-03       04140 CS2        70185
  165   S77-X-03       04150     E
  166   S77-X-03       04176     3
  167   S77-X-03       04197 CS2        70185
  168   S77-X-03       04250 PS2        80185
  169   S77-X-03       04307 CS2        60185
  170   S77-X-03       04368 CS2        80185
  171   S77-X-03       04429 CS2        70185
  172   S77-X-03       04476     E
  173   S77-X-03       04490 CS2        70185
  174   S77-X-03       04506     3
  175   S77-X-03       04551 CS2        65185
  176   S77-X-03       04618 CS2        80185
  177   S77-X-03       04679 CS2        70185
  178   S77-X-03       04740 CS2        85185
  179   S77-X-03       04794     E
  180   S77-X-03       04801 CS2        70185
  181   S77-X-03       04868 CS2        90185
  182   S77-X-03       04923 CS2        80185
  183   S77-X-03       04983 CS2        70185
  184   S77-X-03       05002     E
  185   S77-X-03       05044 CS2        80185
  186   S77-X-03       05105 CS2        70185
  187   S77-X-03       05114     3
  188   S77-X-03       05166 CS2        80185
  189   S77-X-03       05227 CS2        70185
  190   S77-X-03       05288 CS2        70185
  191   S77-X-03       05349 CS2        65185
  192   S77-X-03       05403     E
  193   S77-X-03       05415 CS2        80185
  194   S77-X-03       05471 CS2        85185
  195   S77-X-03       05532 CS2        80185
  196   S77-X-03       05593 CS2        70185
  197   S77-X-03       05619     3
  198   S77-X-03       05649 CS2        50185
  199   S77-X-03       05715 CS2        60185
  200   S77-X-03       05726     E
  201   S77-X-03       05774 CS2        70185
  202   S77-X-03       05832 CS2        54185
  203   S77-X-03       05895 CS2        54185
  204   S77-X-03       05918     3
        1........1.........2.........3.........4.........5
                 0         0         0         0         0
```

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***********************
*     DDH:  77-X-03     *
***********************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   163   S77-X-03       04088 CS2        70185
   164   S77-X-03       04140 CS2        70185
   165   S77-X-03       04150     E
   166   S77-X-03       04176     3
   167   S77-X-03       04197 CS2        70185
   168   S77-X-03       04250 PS2        80185
   169   S77-X-03       04307 CS2        60185
   170   S77-X-03       04368 CS2        80185
   171   S77-X-03       04429 CS2        70185
   172   S77-X-03       04476     E
   173   S77-X-03       04490 CS2        70185
   174   S77-X-03       04506     3
   175   S77-X-03       04551 CS2        65185
   176   S77-X-03       04618 CS2        80185
   177   S77-X-03       04679 CS2        70185
   178   S77-X-03       04740 CS2        85185
   179   S77-X-03       04794     E
   180   S77-X-03       04801 CS2        70185
   181   S77-X-03       04868 CS2        90185
   182   S77-X-03       04923 CS2        80185
   183   S77-X-03       04983 CS2        70185
   184   S77-X-03       05002     E
   185   S77-X-03       05044 CS2        80185
   186   S77-X-03       05105 CS2        70185
   187   S77-X-03       05114     3
   188   S77-X-03       05166 CS2        80185
   189   S77-X-03       05227 CS2        70185
   190   S77-X-03       05288 CS2        70185
   191   S77-X-03       05349 CS2        65185
   192   S77-X-03       05403     E
   193   S77-X-03       05415 CS2        80185
   194   S77-X-03       05471 CS2        85185
   195   S77-X-03       05532 CS2        80185
   196   S77-X-03       05593 CS2        70185
   197   S77-X-03       05619     3
   198   S77-X-03       05649 CS2        50185
   199   S77-X-03       05715 CS2        60185
   200   S77-X-03       05726     E
   201   S77-X-03       05774 CS2        70185
   202   S77-X-03       05832 CS2        54185
   203   S77-X-03       05895 CS2        54185
   204   S77-X-03       05918     3
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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************************
*     DDH:  77-X-03     *
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----  DRILLHOLE DATA ( CONTINUED);  DEPTHS IN METERS  ----

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   205   S77-X-03        05959 CS2          72185
   206   S77-X-03        06010 CS2          62185
   207   S77-X-03        06070 CS2          62185
   208   S77-X-03        06130 CS2          48185
   209   S77-X-03        06149      E
   210   S77-X-03        06190 CS2          67185
   211   S77-X-03        06250 CS2          66185
   212   S77-X-03        06285      3
   213   S77-X-03        06310 CS2          69185
   214   S77-X-03        06374 CS2          45185
   215   S77-X-03        06430 CS2          65185
   216   S77-X-03        06490 CS2          68185
   217   S77-X-03        06501      E
   218   S77-X-03        06550 CS2          74185
   219   S77-X-03        06610 CS2          60185
   220   S77-X-03        06670 CS2          59185
   221   S77-X-03        06739 CS2          62185
   222   S77-X-03        06796 CS2          52185
   223   S77-X-03        06821      3
   224   S77-X-03        06840 CS2          58185
   225   S77-X-03        06914 CS2          65185
   226   S77-X-03        06977 CS2          75185
   227   S77-X-03        07035 CS2          58185
   228   S77-X-03        07111 CS2          69185
   229   S77-X-03        07174 CS2          71185
   230   S77-X-03        07231 CS2          68185
   231   S77-X-03        07292 CS2          56185
   232   S77-X-03        07346 CS2          72185
   233   S77-X-03        07407 CS2          78185
   234   S77-X-03        07444 CS2          74185
   235   S77-X-03        07507 CS2          71185
   236   S77-X-03        07565 CS2          65185
   237   S77-X-03        07610 CS2          77185
   238   S77-X-03        07665 CS2          74185
   239   S77-X-03        07711 CS2          51185
   240   S77-X-03        07774 CS2          72185
   241   S77-X-03        07836 CS2          71185
   242   S77-X-03        07881      E
   243   S77-X-03        07910 CS2          69185
   244   S77-X-03        07975 CS2          78185
   245   S77-X-03        08012      3
   246   S77-X-03        08037 CS2          70185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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************************
*     DDH:  77-X-03     *
************************

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

                    1         2         3         4         5
           1........0.........0.........0.........0.........0.
     247   S77-X-03       08106 CS2         53185
     248   S77-X-03       08176 CS2         80185
     249   S77-X-03       08226 CS2         61185
     250   S77-X-03       08318 CS2         70185
     251   S77-X-03       08365 CS2         41185
     252   S77-X-03       08366      S
     253   P77-X-03 06981 07001 002601
     254   P77-X-03 07001 07011 002602
     255   P77-X-03 07011 07026 002603
     256   P77-X-03 07026 07036 002604
     257   P77-X-03 07036 07046 002605
     258   P77-X-03 07046 07059 002606
     259   P77-X-03 07059 07079 002607
     260   P77-X-03 07079 07099 002608
     261   P77-X-03 07099 07108 002609
     262   P77-X-03 07108 07128 002610
     263   P77-X-03 07128 07140 002611
     264   P77-X-03 07140 07160 002612
     265   P77-X-03 07160 07172 002613
     266   P77-X-03 07172 07192 002614
     267   P77-X-03 07292 07312 002615
     268   P77-X-03 07312 07332 002616
     269   P77-X-03 07332 07352 002617
     270   P77-X-03 07352 07366 002618
     271   P77-X-03 07366 07376 002619
     272   P77-X-03 07376 07393 002620
     273   P77-X-03 07393 07413 002621
     274   P77-X-03 07413 07426 002622
     275   P77-X-03 07426 07436 002623
     276   P77-X-03 07436 07456 002624
           1........1.........2.........3.........4.........5
                    0         0         0         0         0

DDH:  77-X-03 -- SUMMARY OF DATA INPUT

               RECORDS READ =  276   RELEASED TO SORT  318
               TYPE-L =   76
               TYPE-P =   24
               TYPE-R =   10
               TYPE-S =  165
               TYPE-X =   42   ( GENERATED TO DEPTH:  840.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =   844.3 METERS
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*     DDH:  77-X-03    *
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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:   90.00 -   78.50
                              AZIMUTH:         0.    -   43.00

     BOREHOLE SECTION  2  --  DEPTH:        188.70 -  252.70 METERS
                              ZENITH ANG:   78.50 -   82.00
                              AZIMUTH:       43.00 -  193.00

     BOREHOLE SECTION  3  --  DEPTH:        252.70 -  362.40 METERS
                              ZENITH ANG:   82.00 -   83.00
                              AZIMUTH:      193.00 -  193.00

     BOREHOLE SECTION  4  --  DEPTH:        362.40 -  472.10 METERS
                              ZENITH ANG:   83.00 -   84.00
                              AZIMUTH:      193.00 -  208.00

     BOREHOLE SECTION  5  --  DEPTH:        472.10 -  591.90 METERS
                              ZENITH ANG:   84.00 -   88.00
                              AZIMUTH:      208.00 -  178.00

     BOREHOLE SECTION  6  --  DEPTH:        591.90 -  612.00 METERS
                              ZENITH ANG:   88.00 -   87.00
                              AZIMUTH:      178.00 -  343.00

     BOREHOLE SECTION  7  --  DEPTH:        612.00 -  688.20 METERS
                              ZENITH ANG:   87.00 -   78.00
                              AZIMUTH:      343.00 -  353.00

     BOREHOLE SECTION  8  --  DEPTH:        688.20 -  764.40 METERS
                              ZENITH ANG:   78.00 -   75.50
                              AZIMUTH:      353.00 -   30.00

     BOREHOLE SECTION  9  --  DEPTH:        764.40 -  840.60 METERS
                              ZENITH ANG:   75.50 -   73.50
                              AZIMUTH:       30.00 -    0.

     BOREHOLE SECTION 10  --  DEPTH:        840.60 -  844.30 METERS
                              ZENITH ANG:   73.50 -   73.50
                              AZIMUTH:         0.    -    0.

FINISHED -- BOREHOLE LENGTH =    844.30 METERS
            FILE SIZE =       319
```

****
*   DDH: 77-X-03   *   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.	90.0	0.
1.9	L	01 #									-.0	.0	1.9	89.9	.4
8.2	S				CS2				65.	185.	-.0	.1	8.2	89.5	1.9
15.2	S				CS2				79.	185.	-.1	.5	15.2	89.1	3.5
20.7	S				CS2				79.	185.	-.2	.9	20.7	88.7	4.7
27.1	L	02 5D3									-.4	1.5	27.0	88.3	6.2
33.5	S				CS2		77.	5.	76.	185.	-.6	2.2	33.4	88.0	7.6
36.8	S					3					-.7	2.7	36.7	87.8	8.4
39.6	S				CS2				75.	185.	-.8	3.1	39.4	87.6	9.0
45.4	S				CS2				80.	185.	-1.1	4.1	45.1	87.2	10.3
47.4	S					E					-1.2	4.5	47.1	87.1	10.8
50.0	L	03 5B0									-1.3	5.0	49.6	87.0	11.4
54.3	S				CS2				75.	185.	-1.6	5.8	53.8	86.7	12.4
58.5	L	04 5D3									-1.8	6.8	57.9	86.4	13.3
59.7	S				CS2				78.	185.	-1.9	7.0	59.1	86.4	13.6
62.5	L	05 5B0									-2.1	7.7	61.8	86.2	14.2
63.6	L	06 5D3									-2.2	8.0	62.9	86.1	14.5
66.0	S				CS2				69.	185.	-2.3	8.6	65.2	86.0	15.0
66.1	S				CS2		60.	185.	83.	185.	-2.3	8.6	65.3	86.0	15.1
67.1	S					3					-2.4	8.9	66.3	85.9	15.3
67.7	L	07 5B0									-2.4	9.0	66.8	85.9	15.4
70.4	S				CS2				79.	185.	-2.6	9.8	69.4	85.7	16.0
72.4	L	08 5D3									-2.8	10.3	71.3	85.6	16.5
76.3	L	09 5C0									-3.1	11.5	75.1	85.4	17.4
78.9	S				CS2				84.	185.	-3.3	12.3	77.5	85.2	18.0
85.5	L	10 5C8									-3.9	14.4	83.7	84.8	19.5
87.8	S				CS2				60.	185.	-4.1	15.1	85.9	84.6	20.0
90.4	L	11 5C0									-4.3	16.0	88.3	84.5	20.6
93.2	S				CS2				79.	185.	-4.6	17.0	90.9	84.3	21.2
95.0	S					E					-4.8	17.7	92.6	84.2	21.6
97.2	L	12 5D3									-5.0	18.5	94.6	84.1	22.1
100.0	S				CS2				69.	185.	-5.3	19.6	97.2	83.9	22.8
106.4	S				CS2				74.	185.	-6.0	22.1	103.0	83.5	24.2
110.0	L	13 5C0									-6.4	23.6	106.3	83.3	25.1
111.6	S				CS2				80.	185.	-6.6	24.3	107.7	83.2	25.4
114.1	L	14 5D3									-6.9	25.4	110.0	83.0	26.0
118.3	S				CS2				79.	185.	-7.4	27.2	113.7	82.8	27.0
119.5	L	15 5B0									-7.6	27.8	114.8	82.7	27.2
124.5	L	16 5D3									-8.2	30.1	119.1	82.4	28.4
125.3	S				CS2				76.	185.	-8.3	30.4	119.8	82.4	28.6

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*     DDH:  77-X-03     *    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

-------- 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
133.3	L	17 5B0									-9.4	34.3	126.7	81.9	30.4
134.3	S				CS2				84.	185.	-9.6	34.8	127.6	81.8	30.6
136.6	S				CS2		66.	185.	75.	185.	-9.9	36.0	129.5	81.7	31.1
137.0	S					3					-10.0	36.2	129.9	81.7	31.2
141.4	S				CS2				66.	185.	-10.6	38.5	133.6	81.4	32.2
146.8	L	18 5D3									-11.4	41.4	138.1	81.1	33.5
147.8	S				CS2				68.	185.	-11.6	41.9	138.9	81.0	33.7
150.1	L	19 5C3									-12.0	43.2	140.8	80.9	34.2
153.8	S				CS2				68.	185.	-12.6	45.3	143.8	80.6	35.0
155.0	S					E					-12.7	46.0	144.7	80.6	35.3
157.9	S				CS2				72.	185.	-13.2	47.6	147.1	80.4	36.0
159.1	L	20 5D3									-13.4	48.3	148.0	80.3	36.3
161.4	S				CS2		86.	5.	76.	185.	-13.8	49.7	149.8	80.2	36.8
167.7	S					3					-14.9	53.5	154.8	79.8	38.2
168.3	S				CS2				73.	185.	-15.0	53.8	155.2	79.7	38.4
170.7	S				CS2		79.	5.	78.	185.	-15.5	55.3	157.1	79.6	38.9
174.4	S				CS2		54.	185.	68.	185.	-16.1	57.6	159.9	79.4	39.7
183.2	S				CS2				75.	185.	-17.8	63.2	166.4	78.8	41.7
188.7	R										-18.9	66.9	170.4	78.5	43.0
190.5	S				CS2				64.	185.	-19.2	68.1	171.7	78.6	47.2
196.9	S				CS2				76.	185.	-20.5	73.2	175.3	78.9	62.2
209.7	S				CS2				65.	185.	-22.9	85.4	178.0	79.6	92.2
213.2	S					E					-23.5	88.8	177.7	79.8	100.4
217.3	S				CS2				70.	185.	-24.2	92.7	176.6	80.1	110.0
224.0	S				CS2				77.	185.	-25.3	98.5	173.5	80.4	125.7
230.4	S				CS2				67.	185.	-26.4	103.1	169.2	80.8	140.7
235.3	S				CS2				70.	185.	-27.1	105.7	165.2	81.0	152.2
242.6	S				CS2				62.	185.	-28.3	108.1	158.4	81.4	169.3
249.3	S				CS2				74.	185.	-29.2	108.4	151.8	81.8	185.0
252.7	R										-29.7	107.9	148.5	82.0	193.0
256.0	S				CS2				65.	185.	-30.2	107.2	145.3	82.0	193.0
261.8	S				CS2		77.	275.	77.	185.	-31.0	105.9	139.7	82.1	193.0
269.4	S				CS2				83.	185.	-32.0	104.2	132.3	82.2	193.0
276.5	S				CS2		90.	0.	80.	185.	-33.0	102.6	125.5	82.2	193.0
277.1	S					3					-33.1	102.5	124.9	82.2	193.0
282.9	S				CS2				85.	185.	-33.8	101.2	119.3	82.3	193.0
288.3	S				CS2		90.	0.	76.	185.	-34.6	100.0	114.1	82.3	193.0
292.9	S				CS2		90.	0.	78.	185.	-35.2	99.0	109.7	82.4	193.0

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*      DDH:  77-X-03      *   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	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
297.7	S					E					-35.8	97.9	105.0	82.4	193.0
301.8	S				CS2		84.	95.	80.	185.	-36.4	97.0	101.1	82.4	193.0
307.9	S				CS2				82.	185.	-37.2	95.6	95.2	82.5	193.0
314.3	S				CS2				73.	185.	-38.0	94.2	89.0	82.6	193.0
320.4	S				CS2				74.	185.	-38.8	92.8	83.1	82.6	193.0
324.9	S				CS2				70.	185.	-39.3	91.8	78.7	82.7	193.0
334.7	S				CS2				73.	185.	-40.6	89.6	69.3	82.7	193.0
343.0	S					3					-41.6	87.8	61.3	82.8	193.0
343.8	S				CS2				70.	185.	-41.7	87.6	60.5	82.8	193.0
352.0	S				CS2				75.	185.	-42.8	85.8	52.5	82.9	193.0
356.3	S				CS2		80.	5.	80.	185.	-43.3	84.8	48.4	82.9	193.0
362.0	S				CS2				60.	185.	-44.0	83.5	42.9	83.0	193.0
362.4	R										-44.0	83.4	42.5	83.0	193.0
368.2	S				CS2				80.	185.	-44.7	82.1	36.9	83.1	193.8
374.8	S				CS2	E			65.	185.	-45.5	80.5	30.5	83.1	194.7
379.5	S				CS2				70.	185.	-46.1	79.3	26.0	83.2	195.3
385.1	S				CS2				80.	185.	-46.8	77.8	20.7	83.2	196.1
389.1	S					3					-47.2	76.7	16.9	83.2	196.7
390.8	S				CS2				75.	185.	-47.4	76.2	15.3	83.3	196.9
396.3	S				CS2				70.	185.	-48.1	74.6	10.0	83.3	197.6
402.6	S				CS2				70.	185.	-48.8	72.6	4.1	83.4	198.5
408.8	S				CS2				70.	185.	-49.5	70.6	-1.7	83.4	199.3
414.0	S				CS2				70.	185.	-50.1	68.9	-6.6	83.5	200.1
415.0	S					E					-50.2	68.5	-7.5	83.5	200.2
417.6	S					3					-50.5	67.6	-10.0	83.5	200.5
419.7	S				CS2				70.	185.	-50.8	66.9	-11.9	83.5	200.8
425.0	S				PS2				80.	185.	-51.3	65.0	-16.8	83.6	201.6
430.7	S				CS2				60.	185.	-52.0	62.9	-22.1	83.6	202.3
430.8	L	21 5B0									-52.0	62.8	-22.2	83.6	202.4
436.8	S				CS2				80.	185.	-52.7	60.5	-27.7	83.7	203.2
442.9	S				CS2				70.	185.	-53.3	58.1	-33.2	83.7	204.0
447.6	S					E					-53.8	56.2	-37.5	83.8	204.6
449.0	S				CS2				70.	185.	-54.0	55.6	-38.7	83.8	204.8
450.6	S					3					-54.2	54.9	-40.2	83.8	205.1
452.5	L	22 5D3									-54.4	54.1	-41.9	83.8	205.3
455.1	S				CS2				65.	185.	-54.6	53.0	-44.2	83.8	205.7
461.8	S				CS2				80.	185.	-55.4	50.1	-50.2	83.9	206.6
465.8	L	23 5B6									-55.8	48.3	-53.8	83.9	207.1
467.9	S				CS2				70.	185.	-56.0	47.3	-55.6	84.0	207.4

****
*   DDH: 77-X-03   *   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

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
				-------- STRUCTURAL LOG --------								
472.1	R							-56.4	45.4	-59.3	84.0	208.0
474.0	S			CS2			85. 185.	-56.6	44.5	-61.0	84.1	207.5
479.4	S				E			-57.2	42.1	-65.8	84.2	206.2
480.1	S			CS2			70. 185.	-57.3	41.8	-66.4	84.3	206.0
481.3	L	24 5B0						-57.4	41.2	-67.5	84.3	205.7
486.8	L	25 5D3						-57.9	38.9	-72.4	84.5	204.3
486.8	S			CS2			90. 185.	-57.9	38.9	-72.4	84.5	204.3
492.3	S			CS2			80. 185.	-58.4	36.7	-77.4	84.7	202.9
498.3	S			CS2			70. 185.	-59.0	34.5	-83.0	84.9	201.4
500.2	S				E			-59.2	33.8	-84.7	84.9	201.0
500.4	L	26 5B6						-59.2	33.7	-84.9	84.9	200.9
504.4	S			CS2			80. 185.	-59.5	32.3	-88.7	85.1	199.9
510.5	S			CS2			70. 185.	-60.0	30.3	-94.4	85.3	198.4
511.4	S				3			-60.1	30.1	-95.3	85.3	198.2
513.6	L	27 5B0						-60.3	29.4	-97.3	85.4	197.6
516.6	S			CS2			80. 185.	-60.5	28.5	-100.2	85.5	196.9
520.2	L	28 5D3						-60.8	27.5	-103.6	85.6	196.0
522.7	S			CS2			70. 185.	-61.0	26.8	-106.0	85.7	195.3
528.8	S			CS2			70. 185.	-61.4	25.3	-111.9	85.9	193.8
534.1	L	29 5B0						-61.8	24.1	-117.1	86.1	192.5
534.9	S			CS2			65. 185.	-61.9	23.9	-117.9	86.1	192.3
537.9	L	30 5B6						-62.1	23.3	-120.8	86.2	191.5
540.3	S				E			-62.2	22.8	-123.1	86.3	190.9
541.5	S			CS2			80. 185.	-62.3	22.6	-124.3	86.3	190.6
541.8	L	31 5G0						-62.3	22.6	-124.6	86.3	190.5
547.1	S			CS2			85. 185.	-62.7	21.6	-129.8	86.5	189.2
548.5	L	32 5B0						-62.7	21.4	-131.2	86.6	188.9
553.2	S			CS2			80. 185.	-63.0	20.8	-135.8	86.7	187.7
558.9	L	33 5B0						-63.3	20.1	-141.5	86.9	186.3
559.3	S			CS2			70. 185.	-63.4	20.0	-141.9	86.9	186.2
561.9	S				3			-63.5	19.8	-144.5	87.0	185.5
564.9	S			CS2			50. 185.	-63.6	19.5	-147.5	87.1	184.8
571.5	S			CS2			60. 185.	-64.0	19.0	-154.0	87.3	183.1
572.6	S				E			-64.0	19.0	-155.1	87.4	182.8
577.4	S			CS2			70. 185.	-64.2	18.8	-159.9	87.5	181.6
583.2	S			CS2			54. 185.	-64.5	18.7	-165.7	87.7	180.2
585.5	L	34 5B6						-64.6	18.7	-168.0	87.8	179.6
589.5	S			CS2			54. 185.	-64.7	18.8	-172.0	87.9	178.6
590.1	L	35 5B0						-64.7	18.8	-172.6	87.9	178.5
591.8	S				3			-64.8	18.8	-174.3	88.0	178.0

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*   DDH: 77-X-03   *   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
591.9	R										-64.8	18.8	-174.4	88.0	178.0
595.9	S				CS2				72.	185.	-64.9	17.9	-178.2	87.8	210.8
601.0	S				CS2				62.	185.	-65.2	13.9	-181.3	87.5	252.7
607.0	S				CS2				62.	185.	-65.4	8.2	-180.6	87.2	302.0
612.0	R										-65.7	5.2	-176.7	87.0	343.0
613.0	S				CS2				48.	185.	-65.7	4.9	-175.7	86.9	343.1
614.9	S					E					-65.8	4.4	-173.9	86.7	343.4
619.0	S				CS2				67.	185.	-66.1	3.2	-170.0	86.2	343.9
619.8	L	36 5B6									-66.1	3.0	-169.2	86.1	344.0
623.8	L	37 5B0									-66.4	1.9	-165.4	85.6	344.5
625.0	S				CS2				66.	185.	-66.5	1.6	-164.2	85.5	344.7
628.5	S					3					-66.8	.7	-160.9	85.1	345.2
631.0	S				CS2				69.	185.	-67.0	.1	-158.5	84.8	345.5
632.9	L	38 5B2									-67.2	-.4	-156.6	84.5	345.7
637.4	S				CS2				45.	185.	-67.7	-1.5	-152.3	84.0	346.3
643.0	S				CS2				65.	185.	-68.3	-2.8	-146.9	83.3	347.1
647.2	L	39 5B6									-68.8	-3.7	-142.8	82.8	347.6
649.0	S				CS2				68.	185.	-69.0	-4.1	-141.0	82.6	347.9
650.1	S					E					-69.2	-4.3	-140.0	82.5	348.0
651.7	L	40 5B6									-69.4	-4.6	-138.4	82.3	348.2
655.0	S				CS2				74.	185.	-69.8	-5.3	-135.2	81.9	348.6
661.0	S				CS2				60.	185.	-70.7	-6.4	-129.4	81.2	349.4
667.0	S				CS2				59.	185.	-71.7	-7.5	-123.6	80.5	350.2
673.9	S				CS2				62.	185.	-72.8	-8.6	-116.9	79.7	351.1
679.6	S				CS2				52.	185.	-73.9	-9.4	-111.3	79.0	351.9
682.1	L	41 5A0									-74.4	-9.7	-108.9	78.7	352.2
682.1	S					3					-74.4	-9.7	-108.9	78.7	352.2
684.0	S				CS2				58.	185.	-74.8	-10.0	-107.0	78.5	352.4
688.2	R										-75.6	-10.5	-103.0	78.0	353.0
688.8	L	42 4C7									-75.7	-10.6	-102.4	78.0	353.3
691.0	L	43 5B4									-76.2	-10.8	-100.2	77.9	354.4
691.4	S				CS2				65.	185.	-76.3	-10.8	-99.9	77.9	354.6
693.9	L	44 5B4									-76.8	-11.0	-97.4	77.8	355.8
695.1	L	45 5B4									-77.1	-11.1	-96.3	77.8	356.4
697.7	S				CS2				75.	185.	-77.6	-11.3	-93.7	77.7	357.6
698.2	L	46 5B4									-77.7	-11.3	-93.2	77.7	357.9

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*    DDH:  77-X-03      *   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

-------- 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.							-77.9	-11.3	-92.4	77.6	358.3
700.1	L	47 5B4									-78.1	-11.3	-91.4	77.6	358.8
700.6	P		2602	1.							-78.2	-11.3	-90.9	77.6	359.0
701.9	P		2603	2.							-78.5	-11.4	-89.7	77.6	359.6
702.6	L	48 4E4									-78.7	-11.4	-88.9	77.5	360.0
703.1	P		2604	1.							-78.8	-11.4	-88.4	77.5	.2
703.5	S				CS2				58.	185.	-78.9	-11.4	-88.1	77.5	.4
703.6	L	49 4G0									-78.9	-11.4	-88.0	77.5	.5
704.1	P		2605	1.							-79.0	-11.3	-87.5	77.5	.7
704.5	L	50 4E1									-79.1	-11.3	-87.1	77.5	.9
705.1	L	51 4G0									-79.2	-11.3	-86.5	77.4	1.2
705.2	P		2606	1.							-79.2	-11.3	-86.3	77.4	1.3
705.9	L	52 4E1									-79.4	-11.3	-85.7	77.4	1.6
706.9	P		2607	2.							-79.6	-11.3	-84.7	77.4	2.1
708.9	P		2608	2.							-80.0	-11.2	-82.8	77.3	3.1
710.3	P		2609	1.							-80.4	-11.1	-81.4	77.3	3.8
710.8	L	53 4D0									-80.5	-11.1	-80.9	77.3	4.0
711.1	S				CS2				69.	185.	-80.5	-11.1	-80.6	77.2	4.1
711.8	P		2610	2.							-80.7	-11.0	-80.0	77.2	4.5
713.4	P		2611	1.							-81.0	-10.9	-78.4	77.2	5.2
714.0	L	54 4D5									-81.2	-10.8	-77.8	77.2	5.5
715.0	P		2612	2.							-81.4	-10.7	-76.9	77.1	6.0
716.6	P		2613	1.							-81.7	-10.6	-75.3	77.1	6.8
717.2	L	55 4E1									-81.9	-10.5	-74.7	77.0	7.1
717.4	S				CS2				71.	185.	-81.9	-10.5	-74.5	77.0	7.2
718.2	P		2614	2.							-82.1	-10.4	-73.8	77.0	7.6
718.7	L	56 5B4									-82.2	-10.3	-73.3	77.0	7.8
723.1	S				CS2				68.	185.	-83.2	-9.6	-69.0	76.9	9.9
729.2	S				CS2				56.	185.	-84.6	-8.5	-63.2	76.7	12.9
730.2	P		2615	2.							-84.8	-8.2	-62.3	76.6	13.4
731.2	L	57 5B4									-85.1	-8.0	-61.3	76.6	13.9
732.2	P		2616	2.							-85.3	-7.8	-60.4	76.6	14.4
734.2	P		2617	2.							-85.8	-7.3	-58.5	76.5	15.3
734.6	S				CS2				72.	185.	-85.9	-7.2	-58.1	76.5	15.5
735.9	P		2618	1.							-86.2	-6.8	-56.9	76.4	16.2
736.6	L	58 4E1									-86.3	-6.6	-56.3	76.4	16.5
737.1	P		2619	1.							-86.5	-6.5	-55.8	76.4	16.7
738.5	P		2620	2.							-86.8	-6.1	-54.5	76.4	17.4
739.3	L	59 4C7									-87.0	-5.9	-53.8	76.3	17.8
740.3	P		2621	2.							-87.2	-5.6	-52.8	76.3	18.3
740.7	S				CS2				78.	185.	-87.3	-5.4	-52.5	76.3	18.5
742.0	P		2622	1.							-87.6	-5.1	-51.3	76.2	19.1

****
* DDH: 77-X-03 * 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
742.6	L	60 4D0									-87.8	-4.9	-50.7	76.2	19.4
743.1	P		2623	1.							-87.9	-4.7	-50.3	76.2	19.7
743.6	L	61 4A0									-88.0	-4.5	-49.8	76.2	19.9
744.4	S				CS2				74.	185.	-88.2	-4.3	-49.1	76.2	20.3
744.6	P		2624	2.							-88.2	-4.2	-48.9	76.1	20.4
750.7	S				CS2				71.	185.	-89.7	-2.0	-43.4	75.9	23.3
754.1	L	62 5B4									-90.5	-.6	-40.4	75.8	25.0
756.5	S				CS2				65.	185.	-91.1	.4	-38.3	75.8	26.2
761.0	S				CS2				77.	185.	-92.2	2.3	-34.4	75.6	28.3
764.4	L	63 5D6									-93.1	3.9	-31.5	75.5	30.0
764.4	R										-93.1	3.9	-31.5	75.5	30.0
766.5	S				CS2				74.	185.	-93.6	5.0	-29.8	75.4	29.2
771.1	S				CS2				51.	185.	-94.8	7.1	-25.8	75.3	27.4
774.8	L	64 5B4									-95.7	8.7	-22.6	75.2	25.9
776.9	L	65 5B6									-96.2	9.5	-20.8	75.2	25.1
777.4	S				CS2				72.	185.	-96.4	9.7	-20.4	75.2	24.9
783.6	S				CS2				71.	185.	-98.0	12.1	-14.9	75.0	22.4
788.1	S					E					-99.1	13.7	-10.8	74.9	20.7
791.0	L	66 5D6									-99.9	14.7	-8.2	74.8	19.5
791.0	S				CS2				69.	185.	-99.9	14.7	-8.2	74.8	19.5
797.5	S				CS2				78.	185.	-101.6	16.7	-2.3	74.6	17.0
801.2	S					3					-102.6	17.7	1.2	74.5	15.5
801.6	L	67 5B4									-102.7	17.8	1.5	74.5	15.4
802.6	L	68 5B6									-103.0	18.0	2.5	74.5	15.0
803.7	S				CS2				70.	185.	-103.3	18.3	3.5	74.5	14.5
809.1	L	69 5D6									-104.7	19.5	8.6	74.3	12.4
810.6	S				CS2				53.	185.	-105.1	19.8	10.0	74.3	11.8
810.9	L	70 5D6									-105.2	19.9	10.2	74.3	11.7
812.3	L	71 5A*									-105.6	20.1	11.6	74.2	11.1
817.6	S				CS2				80.	185.	-107.0	21.0	16.6	74.1	9.1
822.6	S				CS2				61.	185.	-108.4	21.7	21.3	74.0	7.1
829.9	L	72 5A1									-110.4	22.4	28.3	73.8	4.2
831.8	S				CS2				70.	185.	-111.0	22.5	30.1	73.7	3.5
832.4	L	73 3D4									-111.1	22.5	30.7	73.7	3.2
832.8	L	74 0C0									-111.2	22.6	31.1	73.7	3.1
836.5	S				CS2				41.	185.	-112.3	22.7	34.6	73.6	1.6
836.6	S					S					-112.3	22.7	34.7	73.6	1.6
836.8	L	75 3D4									-112.4	22.7	34.9	73.6	1.5

****
* DDH: 77-X-03 * 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
840.6	R										-113.4	22.8	38.6	73.5	.0
844.3	L	76 080									-114.5	22.8	42.1	73.5	0.
844.3	R										-114.5	22.8	42.1	73.5	0.

FINISHED -- LENGTH = 844.30 METERS ENTRIES = 319

```
 STOP FINISHED
SRU'S:45.3
!*
!DEFINE 77X03D.PF KEY:0 ON:SPN
!EQUATE 20 77X03D.PF
!DDHPLT.DH
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*     DDH:  77-X-03    *     PLOT OF CORRECTED DRILLHOLE DATA
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DATA READ COMPLETED -- CARDS =  319
     POINTS =  318    MAX DDH DEPTH =    844.3 METERS
                      MAX TRUE DEPTH = -114.5 METERS
     EASTING:    -11.4 -  108.4 METERS
     NORTHING: -181.3 -  178.0 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
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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

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PROGRAM COMMAND:  PLOTA,2000,005


                  ************************
                  *    DDH:  77-X-03    *     START PLOT NUMBER  1
                  ************************

                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:  -3.53 -   3.64 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  -2.25 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,005


                  ************************
                  *    DDH:  77-X-03    *     START PLOT NUMBER  2
                  ************************

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

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:  -3.53 -   3.64 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  -2.25 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   844.3 METERS     J =   1 - 318
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*    DDH:  77-X-03     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0   VIEW AZIMUTH = 275.0

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	89.5	1.9						65.	185.	65.7	185.0	-65.7	-.08	-.18
15.2	89.1	3.5						79.	185.	80.0	185.0	-80.0	-.03	-.20
20.7	88.7	4.7						79.	185.	80.3	185.0	-80.3	-.03	-.20
33.5	88.0	7.6	77.	5.	75.3	5.0	75.3	76.	185.	78.2	185.0	-78.2	-.04	-.20
39.6	87.6	9.0						75.	185.	77.9	185.0	-77.9	-.04	-.20
45.4	87.2	10.3						80.	185.	84.3	185.0	-84.3	-.02	-.20
54.3	86.7	12.4						75.	185.	80.2	185.0	-80.2	-.03	-.20
59.7	86.4	13.6						78.	185.	85.2	185.0	-85.2	-.02	-.20
66.0	86.0	15.0						69.	185.	75.5	185.0	-75.5	-.05	-.19
66.1	86.0	15.1	60.	185.	65.7	185.0	-65.7	83.	185.					
70.4	85.7	16.0						79.	185.					
78.9	85.2	18.0						84.	185.					
87.8	84.6	20.0						60.	185.	69.3	185.0	-69.3	-.07	-.19
93.2	84.3	21.2						79.	185.					
100.0	83.9	22.8						69.	185.	84.9	185.0	-84.9	-.02	-.20
106.4	83.5	24.2						74.	185.					
111.6	83.2	25.4						80.	185.					
118.3	82.8	27.0						79.	185.					
125.3	82.4	28.6						76.	185.					
134.3	81.8	30.6						84.	185.					
136.6	81.7	31.1	66.	185.				75.	185.					
141.4	81.4	32.2						66.	185.					
147.8	81.0	33.7						68.	185.					
153.8	80.6	35.0						68.	185.					
157.9	80.4	36.0						72.	185.					
161.4	80.2	36.8	86.	5.				76.	185.					
168.3	79.7	38.4						73.	185.					
170.7	79.6	38.9	79.	5.				78.	185.					
174.4	79.4	39.7	54.	185.				68.	185.					
183.2	78.8	41.7						75.	185.					
190.5	78.6	47.2						64.	185.					
196.9	78.9	62.2						76.	185.					
209.7	79.6	92.2						65.	185.					
217.3	80.1	110.0						70.	185.					
224.0	80.4	125.7						77.	185.					
230.4	80.8	140.7						67.	185.					
235.3	81.0	152.2						70.	185.					
242.6	81.4	169.3						62.	185.	57.5	185.0	-57.5	-.11	-.17
249.3	81.8	185.0						74.	185.	65.8	185.0	-65.8	-.08	-.18
256.0	82.0	193.0						65.	185.	58.1	185.0	-58.1	-.11	-.17
261.8	82.1	193.0	77.	275.				77.	185.	71.7	185.0	-71.7	-.06	-.19

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*    DDH:  77-X-03     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
269.4	82.2	193.0						83.	185.					
276.5	82.2	193.0	90.	0.				80.	185.	88.2	185.0	-88.2	-.01	-.20
										76.0	185.0	-76.0	-.05	-.19
282.9	82.3	193.0						85.	185.					
288.3	82.3	193.0	90.	0.				76.	185.	70.6	185.0	-70.6	-.07	-.19
292.9	82.4	193.0	90.	0.				78.	185.	73.3	185.0	-73.3	-.06	-.19
301.8	82.4	193.0	84.	95.				80.	185.	88.4	185.0	-88.4	-.01	-.20
										76.2	185.0	-76.2	-.05	-.19
307.9	82.5	193.0						82.	185.	83.5	185.0	-83.5	-.02	-.20
										81.4	185.0	-81.4	-.03	-.20
314.3	82.6	193.0						73.	185.	67.4	185.0	-67.4	-.08	-.18
320.4	82.6	193.0						74.	185.	68.6	185.0	-68.6	-.07	-.19
324.9	82.7	193.0						70.	185.	64.2	185.0	-64.2	-.09	-.18
334.7	82.7	193.0						73.	185.	67.5	185.0	-67.5	-.08	-.18
343.8	82.8	193.0						70.	185.	64.3	185.0	-64.3	-.09	-.18
352.0	82.9	193.0						75.	185.	70.1	185.0	-70.1	-.07	-.19
356.3	82.9	193.0	80.	5.				80.	185.	88.9	185.0	-88.9	-.00	-.20
										76.7	185.0	-76.7	-.05	-.19
362.0	83.0	193.0						60.	185.	53.9	185.0	-53.9	-.12	-.16
368.2	83.1	193.8						80.	185.	87.9	185.0	-87.9	-.01	-.20
										78.1	185.0	-78.1	-.04	-.20
374.8	83.1	194.7						65.	185.	59.8	185.0	-59.8	-.10	-.17
379.5	83.2	195.3						70.	185.	65.8	185.0	-65.8	-.08	-.18
385.1	83.2	196.1						80.	185.					
390.8	83.3	196.9						75.	185.	73.8	185.0	-73.8	-.06	-.19
396.3	83.3	197.6						70.	185.	67.4	185.0	-67.4	-.08	-.18
402.6	83.4	198.5						70.	185.	68.2	185.0	-68.2	-.07	-.19
408.8	83.4	199.3						70.	185.	69.0	185.0	-69.0	-.07	-.19
414.0	83.5	200.1						70.	185.	69.9	185.0	-69.9	-.07	-.19
419.7	83.5	200.8						70.	185.	70.7	185.0	-70.7	-.07	-.19
425.0	83.6	201.6						80.	185.					
430.7	83.6	202.3						60.	185.	58.3	185.0	-58.3	-.11	-.17
436.8	83.7	203.2						80.	185.					
442.9	83.7	204.0						70.	185.	76.6	185.0	-76.6	-.05	-.19
449.0	83.8	204.8						70.	185.	87.1	185.0	-87.1	-.01	-.20
										79.8	185.0	-79.8	-.04	-.20
455.1	83.8	205.7						65.	185.	68.9	185.0	-68.9	-.07	-.19
461.8	83.9	206.6						80.	185.					
467.9	84.0	207.4						70.	185.					
474.0	84.1	207.5						85.	185.					
480.1	84.3	206.0						70.	185.					

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

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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
486.8	84.5	204.3						90.	185.					
492.3	84.7	202.9						80.	185.					
498.3	84.9	201.4						70.	185.	73.0	185.0	-73.0	-.06	-.19
504.4	85.1	199.9						80.	185.					
510.5	85.3	198.4						70.	185.	70.1	185.0	-70.1	-.07	-.19
516.6	85.5	196.9						80.	185.					
522.7	85.7	195.3						70.	185.	68.4	185.0	-68.4	-.07	-.19
528.8	85.9	193.8						70.	185.	67.8	185.0	-67.8	-.08	-.19
534.9	86.1	192.3						65.	185.	62.1	185.0	-62.1	-.09	-.18
541.5	86.3	190.6						80.	185.	78.0	185.0	-78.0	-.04	-.20
547.1	86.5	189.2						85.	185.					
553.2	86.7	187.7						80.	185.	77.1	185.0	-77.1	-.04	-.19
559.3	86.9	186.2						70.	185.	66.9	185.0	-66.9	-.08	-.18
564.9	87.1	184.8						50.	185.	47.1	185.0	-47.1	-.14	-.15
571.5	87.3	183.1						60.	185.	57.4	185.0	-57.4	-.11	-.17
577.4	87.5	181.6						70.	185.	67.8	185.0	-67.8	-.08	-.19
583.2	87.7	180.2						54.	185.	52.0	185.0	-52.0	-.12	-.16
589.5	87.9	178.6						54.	185.	52.4	185.0	-52.4	-.12	-.16
595.9	87.8	210.8						72.	185.					
601.0	87.5	252.7						62.	185.					
607.0	87.2	302.0						62.	185.					
613.0	86.9	343.1						48.	185.	56.5	185.0	-56.5	-.11	-.17
619.0	86.2	343.9						67.	185.	84.6	185.0	-84.6	-.02	-.20
625.0	85.5	344.7						66.	185.	81.6	185.0	-81.6	-.03	-.20
631.0	84.8	345.5						69.	185.	87.4	185.0	-87.4	-.01	-.20
637.4	84.0	346.3						45.	185.	54.6	185.0	-54.6	-.12	-.16
643.0	83.3	347.1						65.	185.	79.2	185.0	-79.2	-.04	-.20
649.0	82.6	347.9						68.	185.	83.5	185.0	-83.5	-.02	-.20
655.0	81.9	348.6						74.	185.					
661.0	81.2	349.4						60.	185.	73.1	185.0	-73.1	-.06	-.19
667.0	80.5	350.2						59.	185.	72.2	185.0	-72.2	-.06	-.19
673.9	79.7	351.1						62.	185.	75.9	185.0	-75.9	-.05	-.19
679.6	79.0	351.9						52.	185.	65.2	185.0	-65.2	-.08	-.18
684.0	78.5	352.4						58.	185.	72.0	185.0	-72.0	-.06	-.19
691.4	77.9	354.6						65.	185.	79.3	185.0	-79.3	-.04	-.20
697.7	77.7	357.6						75.	185.	89.2	185.0	-89.2	-.00	-.20
703.5	77.5	.4						58.	185.	70.8	185.0	-70.8	-.07	-.19
711.1	77.2	4.1						69.	185.	81.8	185.0	-81.8	-.03	-.20
717.4	77.0	7.2						71.	185.	84.1	185.0	-84.1	-.02	-.20
723.1	76.9	9.9						68.	185.	81.6	185.0	-81.6	-.03	-.20
729.2	76.7	12.9						56.	185.	70.2	185.0	-70.2	-.07	-.19

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

PROJECTION PLANE AZIMUTH =   5.0      VIEW AZIMUTH = 275.0
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DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
734.6	76.5	15.5						72.	185.	88.8	185.0	-88.8	-.00	-.20
740.7	76.3	18.5						78.	185.					
744.4	76.2	20.3						74.	185.					
750.7	75.9	23.3						71.	185.					
756.5	75.8	26.2						65.	185.					
761.0	75.6	28.3						77.	185.					
766.5	75.4	29.2						74.	185.					
771.1	75.3	27.4						51.	185.	72.6	185.0	-72.6	-.06	-.19
777.4	75.2	24.9						72.	185.					
783.6	75.0	22.4						71.	185.					
791.0	74.8	19.5						69.	185.	89.8	185.0	-89.8	-.00	-.20
797.5	74.6	17.0						78.	185.					
803.7	74.5	14.5						70.	185.	87.8	185.0	-87.8	-.01	-.20
810.6	74.3	11.8						53.	185.	69.3	185.0	-69.3	-.07	-.19
817.6	74.1	9.1						80.	185.					
822.6	74.0	7.1						61.	185.	77.1	185.0	-77.1	-.04	-.19
831.8	73.7	3.5						70.	185.	86.4	185.0	-86.4	-.01	-.20
836.5	73.6	1.6						41.	185.	57.5	185.0	-57.5	-.11	-.17

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

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PROGRAM COMMAND:  PLOTA,2000,095


            ***********************
            *    DDH:  77-X-03    *    START PLOT NUMBER  3
            ***********************

                  PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                  PROJECTION PLANE BEARS   95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                  X-AXIS PLOT LIMITS:   -.08 -   1.87 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  -2.25 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,095


            ***********************
            *    DDH:  77-X-03    *    START PLOT NUMBER  4
            ***********************

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

                  PROJECTION PLANE BEARS   95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                  X-AXIS PLOT LIMITS:   -.08 -   1.87 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  -2.25 (INCHES)

                  BOREHOLE LIMITS FOR PLOTTING:    0.  -   844.3 METERS     J =   1 - 318
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* DDH: 77-X-03 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

			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	89.5	1.9						65.	185.	65.7	185.0	-.0	-.20	-.00
15.2	89.1	3.5						79.	185.	80.0	185.0	-.0	-.20	-.00
20.7	88.7	4.7						79.	185.	80.3	185.0	-.0	-.20	-.00
33.5	88.0	7.6	77.	5.	75.3	5.0	-.0	76.	185.	78.2	185.0	-.0	-.20	-.00
39.6	87.6	9.0						75.	185.	77.9	185.0	-.0	-.20	-.00
45.4	87.2	10.3						80.	185.	84.3	185.0	-.0	-.20	-.00
54.3	86.7	12.4						75.	185.	80.2	185.0	-.0	-.20	-.00
59.7	86.4	13.6						78.	185.	85.2	185.0	-.0	-.20	-.00
66.0	86.0	15.0						69.	185.	75.5	185.0	-.0	-.20	-.00
66.1	86.0	15.1	60.	185.	65.7	185.0	-.0	83.	185.					
70.4	85.7	16.0						79.	185.					
78.9	85.2	18.0						84.	185.					
87.8	84.6	20.0						60.	185.	69.3	185.0	-.0	-.20	-.00
93.2	84.3	21.2						79.	185.					
100.0	83.9	22.8						69.	185.	84.9	185.0	-.0	-.20	-.00
106.4	83.5	24.2						74.	185.					
111.6	83.2	25.4						80.	185.					
118.3	82.8	27.0						79.	185.					
125.3	82.4	28.6						76.	185.					
134.3	81.8	30.6						84.	185.					
136.6	81.7	31.1	66.	185.				75.	185.					
141.4	81.4	32.2						66.	185.					
147.8	81.0	33.7						68.	185.					
153.8	80.6	35.0						68.	185.					
157.9	80.4	36.0						72.	185.					
161.4	80.2	36.8	86.	5.				76.	185.					
168.3	79.7	38.4						73.	185.					
170.7	79.6	38.9	79.	5.				78.	185.					
174.4	79.4	39.7	54.	185.				68.	185.					
183.2	78.8	41.7						75.	185.					
190.5	78.6	47.2						64.	185.					
196.9	78.9	62.2						76.	185.					
209.7	79.6	92.2						65.	185.					
217.3	80.1	110.0						70.	185.					
224.0	80.4	125.7						77.	185.					
230.4	80.8	140.7						67.	185.					
235.3	81.0	152.2						70.	185.					
242.6	81.4	169.3						62.	185.	57.5	185.0	-.0	-.20	-.00
249.3	81.8	185.0						74.	185.	65.8	185.0	-.0	-.20	-.00
256.0	82.0	193.0						65.	185.	58.1	185.0	-.0	-.20	-.00
261.8	82.1	193.0	77.	275.				77.	185.	71.7	185.0	-.0	-.20	-.00

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

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
269.4	82.2	193.0						83.	185.					
276.5	82.2	193.0	90.	0.				80.	185.	88.2	185.0	-.0	-.20	-.00
										76.0	185.0	-.0	-.20	-.00
282.9	82.3	193.0						85.	185.					
288.3	82.3	193.0	90.	0.				76.	185.	70.6	185.0	-.0	-.20	-.00
292.9	82.4	193.0	90.	0.				78.	185.	73.3	185.0	-.0	-.20	-.00
301.8	82.4	193.0	84.	95.				80.	185.	88.4	185.0	-.0	-.20	-.00
										76.2	185.0	-.0	-.20	-.00
307.9	82.5	193.0						82.	185.	83.5	185.0	-.0	-.20	-.00
										81.4	185.0	-.0	-.20	-.00
314.3	82.6	193.0						73.	185.	67.4	185.0	-.0	-.20	-.00
320.4	82.6	193.0						74.	185.	68.6	185.0	-.0	-.20	-.00
324.9	82.7	193.0						70.	185.	64.2	185.0	-.0	-.20	-.00
334.7	82.7	193.0						73.	185.	67.5	185.0	-.0	-.20	-.00
343.8	82.8	193.0						70.	185.	64.3	185.0	-.0	-.20	-.00
352.0	82.9	193.0						75.	185.	70.1	185.0	-.0	-.20	-.00
356.3	82.9	193.0	80.	5.				80.	185.	88.9	185.0	-.0	-.20	-.00
										76.7	185.0	-.0	-.20	-.00
362.0	83.0	193.0						60.	185.	53.9	185.0	-.0	-.20	-.00
368.2	83.1	193.8						80.	185.	87.9	185.0	-.0	-.20	-.00
										78.1	185.0	-.0	-.20	-.00
374.8	83.1	194.7						65.	185.	59.8	185.0	-.0	-.20	-.00
379.5	83.2	195.3						70.	185.	65.8	185.0	-.0	-.20	-.00
385.1	83.2	196.1						80.	185.					
390.8	83.3	196.9						75.	185.	73.8	185.0	-.0	-.20	-.00
396.3	83.3	197.6						70.	185.	67.4	185.0	-.0	-.20	-.00
402.6	83.4	198.5						70.	185.	68.2	185.0	-.0	-.20	-.00
408.8	83.4	199.3						70.	185.	69.0	185.0	-.0	-.20	-.00
414.0	83.5	200.1						70.	185.	69.9	185.0	-.0	-.20	-.00
419.7	83.5	200.8						70.	185.	70.7	185.0	-.0	-.20	-.00
425.0	83.6	201.6						80.	185.					
430.7	83.6	202.3						60.	185.	58.3	185.0	-.0	-.20	-.00
436.8	83.7	203.2						80.	185.					
442.9	83.7	204.0						70.	185.	76.6	185.0	-.0	-.20	-.00
449.0	83.8	204.8						70.	185.	87.1	185.0	-.0	-.20	-.00
										79.8	185.0	-.0	-.20	-.00
455.1	83.8	205.7						65.	185.	68.9	185.0	-.0	-.20	-.00
461.8	83.9	206.6						80.	185.					
467.9	84.0	207.4						70.	185.					
474.0	84.1	207.5						85.	185.					
480.1	84.3	206.0						70.	185.					

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

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

			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
486.8	84.5	204.3						90.	185.					
492.3	84.7	202.9						80.	185.					
498.3	84.9	201.4						70.	185.	73.0	185.0	-.0	-.20	-.00
504.4	85.1	199.9						80.	185.					
510.5	85.3	198.4						70.	185.	70.1	185.0	-.0	-.20	-.00
516.6	85.5	196.9						80.	185.					
522.7	85.7	195.3						70.	185.	68.4	185.0	-.0	-.20	-.00
528.8	85.9	193.8						70.	185.	67.8	185.0	-.0	-.20	-.00
534.9	86.1	192.3						65.	185.	62.1	185.0	-.0	-.20	-.00
541.5	86.3	190.6						80.	185.	78.0	185.0	-.0	-.20	-.00
547.1	86.5	189.2						85.	185.					
553.2	86.7	187.7						80.	185.	77.1	185.0	-.0	-.20	-.00
559.3	86.9	186.2						70.	185.	66.9	185.0	-.0	-.20	-.00
564.9	87.1	184.8						50.	185.	47.1	185.0	-.0	-.20	-.00
571.5	87.3	183.1						60.	185.	57.4	185.0	-.0	-.20	-.00
577.4	87.5	181.6						70.	185.	67.8	185.0	-.0	-.20	-.00
583.2	87.7	180.2						54.	185.	52.0	185.0	-.0	-.20	-.00
589.5	87.9	178.6						54.	185.	52.4	185.0	-.0	-.20	-.00
595.9	87.8	210.8						72.	185.					
601.0	87.5	252.7						62.	185.					
607.0	87.2	302.0						62.	185.					
613.0	86.9	343.1						48.	185.	56.5	185.0	-.0	-.20	-.00
619.0	86.2	343.9						67.	185.	84.6	185.0	-.0	-.20	-.00
625.0	85.5	344.7						66.	185.	81.6	185.0	-.0	-.20	-.00
631.0	84.8	345.5						69.	185.	87.4	185.0	-.0	-.20	-.00
637.4	84.0	346.3						45.	185.	54.6	185.0	-.0	-.20	-.00
643.0	83.3	347.1						65.	185.	79.2	185.0	-.0	-.20	-.00
649.0	82.6	347.9						68.	185.	83.5	185.0	-.0	-.20	-.00
655.0	81.9	348.6						74.	185.					
661.0	81.2	349.4						60.	185.	73.1	185.0	-.0	-.20	-.00
667.0	80.5	350.2						59.	185.	72.2	185.0	-.0	-.20	-.00
673.9	79.7	351.1						62.	185.	75.9	185.0	-.0	-.20	-.00
679.6	79.0	351.9						52.	185.	65.2	185.0	-.0	-.20	-.00
684.0	78.5	352.4						58.	185.	72.0	185.0	-.0	-.20	-.00
691.4	77.9	354.6						65.	185.	79.3	185.0	-.0	-.20	-.00
697.7	77.7	357.6						75.	185.	89.2	185.0	-.0	-.20	-.00
703.5	77.5	.4						58.	185.	70.8	185.0	-.0	-.20	-.00
711.1	77.2	4.1						69.	185.	81.8	185.0	-.0	-.20	-.00
717.4	77.0	7.2						71.	185.	84.1	185.0	-.0	-.20	-.00
723.1	76.9	9.9						68.	185.	81.6	185.0	-.0	-.20	-.00
729.2	76.7	12.9						56.	185.	70.2	185.0	-.0	-.20	-.00

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

PROJECTION PLANE AZIMUTH =  95.0      VIEW AZIMUTH =    5.0
```

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
734.6	76.5	15.5						72.	185.	88.8	185.0	-.0	-.20	-.00
740.7	76.3	18.5						78.	185.					
744.4	76.2	20.3						74.	185.					
750.7	75.9	23.3						71.	185.					
756.5	75.8	26.2						65.	185.					
761.0	75.6	28.3						77.	185.					
766.5	75.4	29.2						74.	185.					
771.1	75.3	27.4						51.	185.	72.6	185.0	-.0	-.20	-.00
777.4	75.2	24.9						72.	185.					
783.6	75.0	22.4						71.	185.					
791.0	74.8	19.5						69.	185.	89.8	185.0	-.0	-.20	-.00
797.5	74.6	17.0						78.	185.					
803.7	74.5	14.5						70.	185.	87.8	185.0	-.0	-.20	-.00
810.6	74.3	11.8						53.	185.	69.3	185.0	-.0	-.20	-.00
817.6	74.1	9.1						80.	185.					
822.6	74.0	7.1						61.	185.	77.1	185.0	-.0	-.20	-.00
831.8	73.7	3.5						70.	185.	86.4	185.0	-.0	-.20	-.00
836.5	73.6	1.6						41.	185.	57.5	185.0	-.0	-.20	-.00

```
*****  PLOT NUMBER  4 FINISHED  *****
```

```
 STOP ALL PLOTS FINISHED
SRU'S:39.3
!OFF
USAGE ON 11/15/77 AT 16:11:26
SRU'S:89.1       ELAPSED TIME: 00:01:04
```

77X-04

GPS PQS001,,DRHOLE AT: 11/15/77 16:36:31 JOB: 24641 UU 40-01-048 8888888888 6

```
!EQUATE 1 77X04D.FD
!DEFINE 77X04D.TD KEY:
!EQUATE 2 77X04D.TD
!DDHCOR.DH
```

```
************************
*     DDH:  77-X-04    *
************************

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
          1.........0.........0.........0.........0.........0.
     1    T77-X-04 01186.822648459003173 51 METERS
     2    R77-X-04 00000          090.0 000.0 AT COLLAR
     3    R77-X-04 00805          087.5 348.0
     4    R77-X-04 02268          088.0 103.0
     5    R77-X-04 03822          086.0 343.0
     6    R77-X-04 05261          085.0 048.0
     7    R77-X-04 05401          084.0 010.5
     8    R77-X-04 06163          076.0 008.0
     9    R77-X-04 06925          071.0 016.0
    10    R77-X-04 07687          068.0 021.0
    11    R77-X-04 08449          070.0 023.0
    12    L77-X-04 00000 00040 01 #
    13    L77-X-04 00040 00756 02 5B0
    14    L77-X-04 00756 01070 03 5B6
    15    L77-X-04 01070 01357 04 5B0
    16    L77-X-04 01357 01382 05 5B6
    17    L77-X-04 01382 02280 06 5B0
    18    L77-X-04 02280 02404 07 5B0
    19    L77-X-04 02404 03183 08 5B0
    20    L77-X-04 03183 03197 09 5B6
    21    L77-X-04 03197 03531 10 5B0
    22    L77-X-04 03531 03636 11 5B6
    23    L77-X-04 03636 04206 12 5B0
    24    L77-X-04 04206 04242 13 5B6
    25    L77-X-04 04242 04461 14 5B6
    26    L77-X-04 04461 04947 15 5B0
    27    L77-X-04 04947 05090 16 5B2
    28    L77-X-04 05090 05192 17 5D8
    29    L77-X-04 05192 05299 18 5D8
    30    L77-X-04 05299 05408 19 5B6
    31    L77-X-04 05408 05432 20 5D6
    32    L77-X-04 05432 05460 21 5B6
    33    L77-X-04 05460 05474 22 5D3
    34    L77-X-04 05474 05564 23 5C3
    35    L77-X-04 05564 05591 24 5D3
    36    L77-X-04 05591 05848 25 5B2
          1.........1.........2.........3.........4.........5
                    0         0         0         0         0
```

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************************
*     DDH:  77-X-04    *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
    37    L77-X-04 05848 05880 26 5D6
    38    L77-X-04 05880 05913 27 5C3
    39    L77-X-04 05913 06096 28 5B2
    40    L77-X-04 06096 06167 30 5B6
    41    L77-X-04 06167 06293 31 5B0
    42    L77-X-04 06293 06361 32 5G0
    43    L77-X-04 06361 06530 33 5B0
    44    L77-X-04 06530 06541 34 5D3
    45    L77-X-04 06541 06596 35 5B2
    46    L77-X-04 06596 06653 36 5B6
    47    L77-X-04 06653 06706 37 5B2
    48    L77-X-04 06706 06788 38 5B0
    49    L77-X-04 06788 06859 39 5B2
    50    L77-X-04 06859 06892 40 5G6
    51    L77-X-04 06892 06910 41 5B2
    52    L77-X-04 06910 07044 42 5B2
    53    L77-X-04 07044 07050 43 5G6
    54    L77-X-04 07050 07131 44 5B2
    55    L77-X-04 07131 07169 45 5E0
    56    L77-X-04 07169 07256 46 5B2
    57    L77-X-04 07256 07265 47 5D6
    58    L77-X-04 07265 07307 48 5B6
    59    L77-X-04 07307 07331 49 5D6
    60    L77-X-04 07331 07388 50 5B6
    61    L77-X-04 07388 07456 51 5B2
    62    L77-X-04 07456 07498 52 5C3
    63    L77-X-04 07498 07590 53 5B6
    64    L77-X-04 07590 07625 54 5B2
    65    L77-X-04 07625 07718 55 5G0
    66    L77-X-04 07718 07797 56 5B6
    67    L77-X-04 07797 07830 57 5B6
    68    L77-X-04 07830 07886 58 5B4
    69    L77-X-04 07886 07903 59 4C7
    70    L77-X-04 07903 07910 60 4E0
    71    L77-X-04 07910 07916 61 4C5
    72    L77-X-04 07916 07951 62 4C7
    73    L77-X-04 07951 07989 63 5B4
    74    L77-X-04 07989 07997 64 4E1
    75    L77-X-04 07997 08004 65 5B4
    76    L77-X-04 08004 08006 66 5A1
    77    L77-X-04 08006 08011 67 4E1
    78    L77-X-04 08011 08013 68 5A1
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
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************************
*     DDH:  77-X-04    *
************************

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

                 1         2         3         4         5
      1........0.........0.........0.........0.........0.
 79   L77-X-04 08013 08196 69 5B0
 80   L77-X-04 08196 08220 70 5A1
 81   L77-X-04 08220 08226 71 5A*
 82   L77-X-04 08226 08244 72 3H0
 83   L77-X-04 08244 08251 73 5A*
 84   L77-X-04 08251 08259 74 5F0
 85   L77-X-04 08259 08266 75 5A*
 86   L77-X-04 08266 08276 76 5F0
 87   L77-X-04 08276 08357 77 3D1
 88   L77-X-04 08357 08501 79 0C0
 89   S77-X-04       00076 CS2 Z       74185
 90   S77-X-04       00131 CS2         81185
 91   S77-X-04       00183 CS2         77185
 92   S77-X-04       00250 CS2         76185
 93   S77-X-04       00294 CS2   77005 77185
 94   S77-X-04       00354 CS2         80185
 95   S77-X-04       00412 CS2   65185 72185
 96   S77-X-04 00420 00511     3
 97   S77-X-04       00466 CS2 3       85185
 98   S77-X-04       00527 CS2         85185
 99   S77-X-04       00585 CS2   85005 86185
100   S77-X-04       00649 CS2         80185
101   S77-X-04       00719 CS2         85185
102   S77-X-04       00780 CS2         72185
103   S77-X-04       00841 CS2         55185
104   S77-X-04       00905 CS2         80185
105   S77-X-04       00975 CS2         62185
106   S77-X-04       01030 CS2         70185
107   S77-X-04       01094 CS2         67185
108   S77-X-04       01161 CS2         78185
109   S77-X-04       01171     E
110   S77-X-04       01216 CS2         70185
111   S77-X-04       01277 CS2         57185
112   S77-X-04       01346 CS2         75185
113   S77-X-04       01347     3
114   S77-X-04       01387 CS2         71185
115   S77-X-04       01445 CS2         72185
116   S77-X-04       01512 CS2         72185
117   S77-X-04       01579 CS2         69185
118   S77-X-04       01615 CS2         88185
119   S77-X-04       01676 CS2         80185
120   S77-X-04       01737 CS2         78185
      1........1.........2.........3.........4.........5
               0         0         0         0         0
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***********************
*     DDH:  77-X-04     *
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----  DRILLHOLE DATA ( CONTINUED);  DEPTHS IN METERS  ----

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
    121  S77-X-04            01835 CS2           85185
    122  S77-X-04            01868 CS2           74185
    123  S77-X-04            01897     E
    124  S77-X-04            01936 CS2           74185
    125  S77-X-04            02015 CS2     85275 77185
    126  S77-X-04            02026     3
    127  S77-X-04            02076 CS2           80185
    128  S77-X-04            02143 CS2           86185
    129  S77-X-04            02153     E
    130  S77-X-04            02207 CS2           78185
    131  S77-X-04            02268     3
    132  S77-X-04            02307 CS2           81185
    133  S77-X-04            02368 CS2           77185
    134  S77-X-04            02405 CS2           78185
    135  S77-X-04            02478 CS2           76185
    136  S77-X-04            02545 CS2           83185
    137  S77-X-04            02609 CS2           82185
    138  S77-X-04            02627 CS2           76185
    139  S77-X-04            02637     E
    140  S77-X-04            02676 CS2           78185
    141  S77-X-04            02728 CS2           79185
    142  S77-X-04            02784     3
    143  S77-X-04            02798 CS2           79185
    144  S77-X-04            02812     E
    145  S77-X-04            02829 CS2     82140 76185
    146  S77-X-04            02880 CS2           70185
    147  S77-X-04            02908     3
    148  S77-X-04            02941 CS2           85185
    149  S77-X-04            03002 CS2           80185
    150  S77-X-04            03060 CS2           78185
    151  S77-X-04            03092     E
    152  S77-X-04            03111 CS2           80185
    153  S77-X-04            03170 CS2           80185
    154  S77-X-04            03226     3
    155  S77-X-04            03230 CS2           80185
    156  S77-X-04            03290 CS2           80185
    157  S77-X-04            03350 CS2           70185
    158  S77-X-04            03420 CS2           80185
    159  S77-X-04            03463     E
    160  S77-X-04            03470 CS2           90185
    161  S77-X-04            03530 CS2           80185
    162  S77-X-04            03590 CS2           75185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
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*     DDH:  77-X-04    *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   163   S77-X-04       03647     3
   164   S77-X-04       03650 CS2         80185
   165   S77-X-04       03710 CS2         75185
   166   S77-X-04       03727     E
   167   S77-X-04       03780 CS2         85185
   168   S77-X-04       03840 CS2         80185
   169   S77-X-04 03852 03945     3
   170   S77-X-04       03900 CS2         75185
   171   S77-X-04       03966 CS2         70185
   172   S77-X-04       04020 CS2         85185
   173   S77-X-04       04080 CS2         75185
   174   S77-X-04       04140 CS2         70185
   175   S77-X-04       04200 CS2         65185
   176   S77-X-04       04260 CS2         70185
   177   S77-X-04       04320 CS2         80185
   178   S77-X-04       04351     E
   179   S77-X-04       04380 CS2         70185
   180   S77-X-04       04440 CS2         60185
   181   S77-X-04       04500 CS2         80185
   182   S77-X-04       04560 CS2         70185
   183   S77-X-04       04580     3
   184   S77-X-04       04620 CS2         80185
   185   S77-X-04       04680 CS2         80185
   186   S77-X-04       04740 CS2         70185
   187   S77-X-04       04800 CS2         70185
   188   S77-X-04       04825     E
   189   S77-X-04       04860 CS2         75185
   190   S77-X-04       04886     3
   191   S77-X-04       04920 CS2 S       80185
   192   S77-X-04 04940 05310 PS2
   193   S77-X-04       04994 CS2         85185
   194   S77-X-04       05013 CS2         40185
   195   S77-X-04       05040 CS2         65185
   196   S77-X-04       05100 CS2         70185
   197   S77-X-04       05160 CS2         75185
   198   S77-X-04       05220 CS2         70185
   199   S77-X-04       05280 CS2         60185
   200   S77-X-04       05310 CS2 Z       35185
   201   S77-X-04       05360 CS2         50185
   202   S77-X-04       05420 CS2         40185
   203   S77-X-04       05449 CS2         00185
   204   S77-X-04       05500 CS2         75185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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*     DDH:  77-X-04    *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     205  S77-X-04       05560 CS2         70185
     206  S77-X-04       05591 CS2 Z
     207  S77-X-04       05620 CS2 S       60185
     208  S77-X-04       05680 CS2         70185
     209  S77-X-04       05747 CS2         80185
     210  S77-X-04       05800 CS2         80185
     211  S77-X-04       05860 CS2         65185
     212  S77-X-04       05920 CS2         70185
     213  S77-X-04       05980 CS2         70185
     214  S77-X-04       06009 CS2 E
     215  S77-X-04       06042 CS2 3
     216  S77-X-04       06068     E
     217  S77-X-04       06105 CS2         68185
     218  S77-X-04       06165 CS2         68185
     219  S77-X-04       06222 CS2         64185
     220  S77-X-04       06228     3
     221  S77-X-04       06237 CS2         52185
     222  S77-X-04       06256     E
     223  S77-X-04       06275 CS2         55185
     224  S77-X-04       06335 CS2         52185
     225  S77-X-04       06400 CS2         75185
     226  S77-X-04       06460 CS2         60185
     227  S77-X-04       06515 CS2         76185
     228  S77-X-04       06524     3
     229  S77-X-04       06570 CS2         70185
     230  S77-X-04       06601     3
     231  S77-X-04       06632 CS2         72185
     232  S77-X-04       06681 CS2         80185
     233  S77-X-04       06741 CS2         60185
     234  S77-X-04       06799 CS2         52185
     235  S77-X-04       06850 CS2         65185
     236  S77-X-04       06860     E
     237  S77-X-04       06910 CS2         75185
     238  S77-X-04       06972 CS2         68185
     239  S77-X-04       07003     3
     240  S77-X-04       07030 CS2         73185
     241  S77-X-04       07069     E
     242  S77-X-04       07092 CS2         42185
     243  S77-X-04       07154 CS2         70185
     244  S77-X-04       07194     3
     245  S77-X-04       07202 CS2         60185
     246  S77-X-04       07209     E
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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*     DDH:  77-X-04    *
************************

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

                   1         2         3         4         5
         1.........0.........0.........0.........0.........0.
    247  S77-X-04          07264 CS2          75185
    248  S77-X-04          07324 CS2          68185
    249  S77-X-04          07379 CS2          87185
    250  S77-X-04          07441 CS2          78185
    251  S77-X-04          07443      3
    252  S77-X-04          07500 CS2          85185
    253  S77-X-04          07560 CS2          77185
    254  S77-X-04          07577      E
    255  S77-X-04          07621 CS2          72185
    256  S77-X-04          07666      Z
    257  S77-X-04          07680 CS2          69185
    258  S77-X-04          07740 CS2          85185
    259  S77-X-04          07745      S
    260  S77-X-04          07811 CS2          69185
    261  S77-X-04          07870 CS2          69185
    262  S77-X-04          07927 CS2          73185
    263  S77-X-04          07977 CS2          60185
    264  S77-X-04          08019      E
    265  S77-X-04          08037 CS2          78185
    266  S77-X-04          08097 CS2          68185
    267  S77-X-04          08152 CS2          84185
    268  P77-X-04 07886 07903 002625
    269  P77-X-04 07903 07916 002626
    270  P77-X-04 07916 07936 002627
    271  P77-X-04 07989 07997 002628
         1.........1.........2.........3.........4.........5
                   0         0         0         0         0


DDH:  77-X-04 -- SUMMARY OF DATA INPUT

              RECORDS READ =  271   RELEASED TO SORT  313
              TYPE-L =   77
              TYPE-P =    4
              TYPE-R =   10
              TYPE-S =  179
              TYPE-X =   42   ( GENERATED TO DEPTH:  840.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =   850.1 METERS
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*     DDH:  77-X-04    *
************************

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:   90.00 -   87.50
                              AZIMUTH:        0.    -  348.00

     BOREHOLE SECTION  2  --  DEPTH:         80.50 -  226.80 METERS
                              ZENITH ANG:   87.50 -   88.00
                              AZIMUTH:     348.00 -  103.00

     BOREHOLE SECTION  3  --  DEPTH:        226.80 -  382.20 METERS
                              ZENITH ANG:   88.00 -   86.00
                              AZIMUTH:     103.00 -  343.00

     BOREHOLE SECTION  4  --  DEPTH:        382.20 -  526.10 METERS
                              ZENITH ANG:   86.00 -   85.00
                              AZIMUTH:     343.00 -   48.00

     BOREHOLE SECTION  5  --  DEPTH:        526.10 -  540.10 METERS
                              ZENITH ANG:   85.00 -   84.00
                              AZIMUTH:      48.00 -   10.50

     BOREHOLE SECTION  6  --  DEPTH:        540.10 -  616.30 METERS
                              ZENITH ANG:   84.00 -   76.00
                              AZIMUTH:      10.50 -    8.00

     BOREHOLE SECTION  7  --  DEPTH:        616.30 -  692.50 METERS
                              ZENITH ANG:   76.00 -   71.00
                              AZIMUTH:       8.00 -   16.00

     BOREHOLE SECTION  8  --  DEPTH:        692.50 -  768.70 METERS
                              ZENITH ANG:   71.00 -   68.00
                              AZIMUTH:      16.00 -   21.00

     BOREHOLE SECTION  9  --  DEPTH:        768.70 -  844.90 METERS
                              ZENITH ANG:   68.00 -   70.00
                              AZIMUTH:      21.00 -   23.00

     BOREHOLE SECTION 10  --  DEPTH:        844.90 -  850.10 METERS
                              ZENITH ANG:   70.00 -   70.00
                              AZIMUTH:      23.00 -   23.00

FINISHED -- BOREHOLE LENGTH =    850.10 METERS
            FILE SIZE =      314
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****
* DDH: 77-X-04 * 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.	90.0	0.
4.0	L	01 #									-.0	-.0	4.0	89.9	359.4
7.6	S				CS2	Z			74.	185.	-.0	-.1	7.6	89.8	358.9
13.1	S				CS2				81.	185.	-.0	-.2	13.1	89.6	358.0
18.3	S				CS2				77.	185.	-.1	-.4	18.3	89.4	357.3
25.0	S				CS2				76.	185.	-.2	-.8	25.0	89.2	356.3
29.4	S				CS2		77.	5.	77.	185.	-.2	-1.1	29.4	89.1	355.6
35.4	S				CS2				80.	185.	-.3	-1.6	35.3	88.9	354.7
41.2	S				CS2		65.	185.	72.	185.	-.5	-2.2	41.1	88.7	353.9
46.6	S				CS2	3			85.	185.	-.6	-2.8	46.5	88.6	353.1
51.1	S					3					-.7	-3.4	50.9	88.4	352.4
52.7	S				CS2				85.	185.	-.8	-3.6	52.5	88.4	352.1
58.5	S				CS2		85.	5.	86.	185.	-.9	-4.4	58.3	88.2	351.3
64.9	S				CS2				80.	185.	-1.1	-5.4	64.6	88.0	350.3
71.9	S				CS2				85.	185.	-1.4	-6.7	71.5	87.8	349.3
75.6	L	02 5B0									-1.5	-7.4	75.1	87.7	348.7
78.0	S				CS2				72.	185.	-1.6	-7.8	77.4	87.6	348.4
80.5	R										-1.8	-8.3	79.9	87.5	348.0
84.1	S				CS2				55.	185.	-1.9	-9.0	83.4	87.5	350.8
90.5	S				CS2				80.	185.	-2.2	-9.7	89.8	87.5	355.9
97.5	S				CS2				62.	185.	-2.5	-9.9	96.8	87.6	1.4
103.0	S				CS2				70.	185.	-2.7	-9.6	102.3	87.6	5.7
107.0	L	03 5B6									-2.9	-9.1	106.2	87.6	8.8
109.4	S				CS2				67.	185.	-3.0	-8.7	108.6	87.6	10.7
116.1	S				CS2				78.	185.	-3.3	-7.1	115.1	87.6	16.0
117.1	S					E					-3.3	-6.8	116.0	87.6	16.8
121.6	S				CS2				70.	185.	-3.5	-5.4	120.3	87.6	20.3
127.7	S				CS2				57.	185.	-3.7	-3.1	125.9	87.7	25.1
134.6	S				CS2				75.	185.	-4.0	.1	132.0	87.7	30.5
134.7	S					3					-4.0	.2	132.1	87.7	30.6
135.7	L	04 5B0									-4.1	.7	133.0	87.7	31.4
138.2	L	05 5B6									-4.2	2.0	135.1	87.7	33.4
138.7	S				CS2				71.	185.	-4.2	2.3	135.5	87.7	33.7
144.5	S				CS2				72.	185.	-4.4	5.7	140.2	87.7	38.3
151.2	S				CS2				72.	185.	-4.7	10.1	145.2	87.7	43.6
157.9	S				CS2				69.	185.	-5.0	14.9	149.9	87.8	48.8
161.5	S				CS2				88.	185.	-5.1	17.7	152.2	87.8	51.7
167.6	S				CS2				80.	185.	-5.3	22.6	155.8	87.8	56.5

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*     DDH:  77-X-04     *    SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 317351.0 METERS NORTH: 22648459.0 METERS ELEV: 1186.8 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO INT	-------- STRUCTURAL LOG -------- FEAT	SYM	S1 CA DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
173.7	S			CS2			78. 185.	-5.6	27.8	158.9	87.8	61.3
183.5	S			CS2			85. 185.	-5.9	36.7	163.0	87.9	69.0
186.8	S			CS2			74. 185.	-6.1	39.8	164.2	87.9	71.6
189.7	S				E			-6.2	42.6	165.0	87.9	73.8
193.6	S			CS2			74. 185.	-6.3	46.4	166.0	87.9	76.9
201.5	S			CS2		85. 275.	77. 185.	-6.6	54.1	167.4	87.9	83.1
202.6	S				3			-6.6	55.2	167.5	87.9	84.0
207.6	S			CS2			80. 185.	-6.8	60.2	167.9	87.9	87.9
214.3	S			CS2			86. 185.	-7.1	66.9	167.8	88.0	93.2
215.3	S				E			-7.1	67.9	167.8	88.0	94.0
220.7	S			CS2			78. 185.	-7.3	73.3	167.2	88.0	98.2
226.8	S				3			-7.5	79.3	166.1	88.0	103.0
226.8	R							-7.5	79.3	166.1	88.0	103.0
228.0	L	06 5B0						-7.5	80.4	165.8	88.0	102.1
230.7	S			CS2			81. 185.	-7.6	83.1	165.3	87.9	100.0
236.8	S			CS2			77. 185.	-7.9	89.1	164.5	87.9	95.3
240.4	L	07 5B0						-8.0	92.7	164.2	87.8	92.5
240.5	S			CS2			78. 185.	-8.0	92.8	164.2	87.8	92.4
247.8	S			CS2			76. 185.	-8.3	100.1	164.3	87.7	86.8
254.5	S			CS2			83. 185.	-8.6	106.8	165.0	87.6	81.6
260.9	S			CS2			82. 185.	-8.8	113.0	166.2	87.6	76.7
262.7	S			CS2			76. 185.	-8.9	114.8	166.6	87.5	75.3
263.7	S				E			-8.9	115.7	166.9	87.5	74.5
267.6	S			CS2			78. 185.	-9.1	119.5	168.0	87.5	71.5
272.8	S			CS2			79. 185.	-9.3	124.3	169.8	87.4	67.5
278.4	S				3			-9.6	129.4	172.2	87.3	63.2
279.8	S			CS2			79. 185.	-9.7	130.7	172.8	87.3	62.1
281.2	S				E			-9.7	131.9	173.5	87.3	61.0
282.9	S			CS2		82. 140.	76. 185.	-9.8	133.4	174.3	87.3	59.7
288.0	S			CS2			70. 185.	-10.1	137.7	177.0	87.2	55.7
290.8	S				3			-10.2	139.9	178.6	87.2	53.6
294.1	S			CS2			85. 185.	-10.4	142.6	180.7	87.1	51.0
300.2	S			CS2			80. 185.	-10.7	147.1	184.7	87.1	46.3
306.0	S			CS2			78. 185.	-11.0	151.2	188.8	87.0	41.8
309.2	S				E			-11.1	153.2	191.3	86.9	39.4
311.1	S			CS2			80. 185.	-11.2	154.4	192.7	86.9	37.9
317.0	S			CS2			80. 185.	-11.6	157.9	197.5	86.8	33.3
318.3	L	08 5B0						-11.6	158.6	198.6	86.8	32.3
319.7	L	09 5B6						-11.7	159.3	199.8	86.8	31.3
322.6	S				3			-11.9	160.8	202.3	86.8	29.0

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*   DDH: 77-X-04   *   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
323.0	S				CS2				80.	185.	-11.9	161.0	202.6	86.8	28.7
329.0	S				CS2				80.	185.	-12.2	163.6	208.0	86.7	24.1
335.0	S				CS2				70.	185.	-12.6	165.8	213.6	86.6	19.4
342.0	S				CS2				80.	185.	-13.0	167.9	220.3	86.5	14.0
346.3	S					E					-13.3	168.8	224.4	86.5	10.7
347.0	S				CS2				90.	185.	-13.3	168.9	225.1	86.5	10.2
353.0	S				CS2				80.	185.	-13.7	169.7	231.1	86.4	5.5
353.1	L		10	5B0							-13.7	169.8	231.2	86.4	5.5
359.0	S				CS2				75.	185.	-14.1	170.1	237.0	86.3	.9
363.6	L		11	5B6							-14.4	170.0	241.6	86.2	357.4
364.7	S					3					-14.4	170.0	242.7	86.2	356.5
365.0	S				CS2				80.	185.	-14.5	170.0	243.0	86.2	356.3
371.0	S				CS2				75.	185.	-14.9	169.3	249.0	86.1	351.6
372.7	S					E					-15.0	169.1	250.7	86.1	350.3
378.0	S				CS2				85.	185.	-15.3	168.0	255.8	86.1	346.2
382.2	R										-15.6	166.9	259.9	86.0	343.0
384.0	S				CS2				80.	185.	-15.8	166.4	261.6	86.0	343.8
390.0	S				CS2				75.	185.	-16.2	164.8	267.4	85.9	346.5
394.5	S					3					-16.5	163.9	271.8	85.9	348.6
396.6	S				CS2				70.	185.	-16.6	163.5	273.8	85.9	349.5
402.0	S				CS2				85.	185.	-17.0	162.6	279.1	85.9	351.9
408.0	S				CS2				75.	185.	-17.5	161.9	285.1	85.8	354.7
414.0	S				CS2				70.	185.	-17.9	161.5	291.0	85.8	357.4
420.0	S				CS2				65.	185.	-18.4	161.4	297.0	85.7	.1
420.6	L		12	5B0							-18.4	161.4	297.6	85.7	.3
424.2	L		13	5B6							-18.7	161.4	301.2	85.7	2.0
426.0	S				CS2				70.	185.	-18.8	161.5	303.0	85.7	2.8
432.0	S				CS2				80.	185.	-19.3	161.9	309.0	85.7	5.5
435.1	S					E					-19.5	162.3	312.0	85.6	6.9
438.0	S				CS2				70.	185.	-19.7	162.6	314.9	85.6	8.2
444.0	S				CS2				60.	185.	-20.2	163.6	320.8	85.6	10.9
446.1	L		14	5B6							-20.3	164.0	322.9	85.6	11.9
450.0	S				CS2				80.	185.	-20.6	164.9	326.7	85.5	13.6
456.0	S				CS2				70.	185.	-21.1	166.4	332.4	85.5	16.3
458.0	S					3					-21.3	167.0	334.3	85.5	17.2
462.0	S				CS2				80.	185.	-21.6	168.3	338.1	85.4	19.0
468.0	S				CS2				80.	185.	-22.1	170.3	343.7	85.4	21.8
474.0	S				CS2				70.	185.	-22.5	172.7	349.2	85.4	24.5
480.0	S				CS2				70.	185.	-23.0	175.3	354.6	85.3	27.2
482.5	S					E					-23.2	176.4	356.8	85.3	28.3

* DDH: 77-X-04 * 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	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
486.0	S				CS2				75.	185.	-23.5	178.1	359.9	85.3	29.9
488.6	S					3					-23.7	179.4	362.1	85.3	31.1
492.0	S				CS2	S			80.	185.	-24.0	181.2	365.0	85.2	32.6
494.7	L	15 5B0									-24.2	182.7	367.3	85.2	33.8
499.4	S				CS2				85.	185.	-24.6	185.4	371.1	85.2	35.9
501.3	S				CS2				40.	185.	-24.8	186.5	372.6	85.2	36.8
504.0	S				CS2				65.	185.	-25.0	188.1	374.8	85.2	38.0
509.0	L	16 5B2									-25.4	191.3	378.6	85.1	40.3
510.0	S				CS2				70.	185.	-25.5	191.9	379.4	85.1	40.7
516.0	S				CS2				75.	185.	-26.0	195.9	383.8	85.1	43.4
519.2	L	17 5D8									-26.3	198.1	386.1	85.0	44.9
522.0	S				CS2				70.	185.	-26.6	200.1	388.1	85.0	46.1
526.1	R										-26.9	203.1	390.9	85.0	48.0
528.0	S				CS2				60.	185.	-27.1	204.5	392.2	84.9	42.9
529.9	L	18 5D8									-27.3	205.7	393.6	84.7	37.8
531.0	S				CS2	Z			35.	185.	-27.4	206.3	394.5	84.7	34.9
531.0	S				PS2						-27.4	206.3	394.5	84.7	34.9
536.0	S				CS2				50.	185.	-27.8	208.7	398.9	84.3	21.5
540.1	R										-28.3	209.8	402.8	84.0	10.5
540.8	L	19 5B6									-28.3	209.9	403.5	83.9	10.5
542.0	S				CS2				40.	185.	-28.5	210.1	404.7	83.8	10.4
543.2	L	20 5D6									-28.6	210.4	405.8	83.7	10.4
544.9	S				CS2					185.	-28.8	210.7	407.5	83.5	10.3
546.0	L	21 5B6									-28.9	210.9	408.6	83.4	10.3
547.4	L	22 5D3									-29.1	211.1	409.9	83.2	10.3
550.0	S				CS2				75.	185.	-29.4	211.6	412.5	83.0	10.2
556.0	S				CS2				70.	185.	-30.2	212.6	418.3	82.3	10.0
556.4	L	23 5C3									-30.2	212.7	418.7	82.3	10.0
559.1	L	24 5D3									-30.6	213.1	421.4	82.0	9.9
559.1	S				CS2	Z					-30.6	213.1	421.4	82.0	9.9
562.0	S				CS2	S			60.	185.	-31.0	213.6	424.2	81.7	9.8
568.0	S				CS2				70.	185.	-31.9	214.6	430.0	81.1	9.6
574.7	S				CS2				80.	185.	-33.0	215.7	436.6	80.4	9.4
580.0	S				CS2				80.	185.	-33.9	216.5	441.7	79.8	9.2
584.8	L	25 5B2									-34.8	217.3	446.4	79.3	9.0
586.0	S				CS2				65.	185.	-35.0	217.5	447.5	79.2	9.0
588.0	L	26 5D6									-35.4	217.8	449.5	79.0	8.9
591.3	L	27 5C3									-36.0	218.3	452.7	78.6	8.8

****
* DDH: 77-X-04 * 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	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
592.0	S				CS2				70.	185.	-36.1	218.4	453.4	78.6	8.8
598.0	S				CS2				70.	185.	-37.4	219.3	459.2	77.9	8.6
600.9	S				CS2	E					-38.0	219.7	462.0	77.6	8.5
604.2	S				CS2	3					-38.7	220.2	465.1	77.3	8.4
606.8	S					E					-39.3	220.5	467.7	77.0	8.3
609.6	L	28 5B2									-39.9	220.9	470.4	76.7	8.2
610.5	S				CS2				68.	185.	-40.1	221.1	471.2	76.6	8.2
616.3	R										-41.5	221.9	476.8	76.0	8.0
616.5	S				CS2				68.	185.	-41.5	221.9	477.0	76.0	8.0
616.7	L	30 5B6									-41.6	221.9	477.2	76.0	8.0
622.2	S				CS2				64.	185.	-42.9	222.7	482.5	75.6	8.6
622.8	S					3					-43.1	222.8	483.0	75.6	8.7
623.7	S				CS2				52.	185.	-43.3	222.9	483.9	75.5	8.8
625.6	S					E					-43.8	223.2	485.7	75.4	9.0
627.5	S				CS2				55.	185.	-44.3	223.5	487.5	75.3	9.2
629.3	L	31 5B0									-44.7	223.8	489.2	75.1	9.4
633.5	S				CS2				52.	185.	-45.8	224.4	493.2	74.9	9.8
636.1	L	32 5G0									-46.5	224.9	495.7	74.7	10.1
640.0	S				CS2				75.	185.	-47.5	225.5	499.4	74.4	10.5
646.0	S				CS2				60.	185.	-49.2	226.6	505.1	74.1	11.1
651.5	S				CS2				76.	185.	-50.7	227.7	510.3	73.7	11.7
652.4	S					3					-50.9	227.8	511.1	73.6	11.8
653.0	L	33 5B0									-51.1	228.0	511.7	73.6	11.9
654.1	L	34 5D3									-51.4	228.2	512.7	73.5	12.0
657.0	S				CS2				70.	185.	-52.2	228.8	515.4	73.3	12.3
659.6	L	35 5B2									-53.0	229.3	517.9	73.2	12.5
660.1	S					3					-53.1	229.4	518.3	73.1	12.6
663.2	S				CS2				72.	185.	-54.0	230.1	521.2	72.9	12.9
665.3	L	36 5B6									-54.7	230.5	523.2	72.8	13.1
668.1	S				CS2				80.	185.	-55.5	231.1	525.8	72.6	13.4
670.6	L	37 5B2									-56.3	231.7	528.1	72.4	13.7
674.1	S				CS2				60.	185.	-57.3	232.5	531.3	72.2	14.1
678.8	L	38 5B0									-58.8	233.6	535.7	71.9	14.6
679.9	S				CS2				52.	185.	-59.1	233.8	536.7	71.8	14.7
685.0	S				CS2				65.	185.	-60.7	235.1	541.4	71.5	15.2
685.9	L	39 5B2									-61.0	235.3	542.2	71.4	15.3
686.0	S					E					-61.0	235.3	542.3	71.4	15.3
689.2	L	40 5G6									-62.1	236.2	545.2	71.2	15.7
691.0	L	41 5B2									-62.6	236.6	546.8	71.1	15.8
691.0	S				CS2				75.	185.	-62.6	236.6	546.8	71.1	15.8

****
* DDH: 77-X-04 * 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
692.5	R										-63.1	237.0	548.2	71.0	16.0
697.2	S				CS2				68.	185.	-64.7	238.2	552.5	70.8	16.3
700.3	S					3					-65.7	239.1	555.3	70.7	16.5
703.0	S				CS2				73.	185.	-66.6	239.8	557.7	70.6	16.7
704.4	L	42 5B2									-67.0	240.2	559.0	70.5	16.8
705.0	L	43 5G6									-67.2	240.3	559.5	70.5	16.8
706.9	S					E					-67.9	240.9	561.2	70.4	16.9
709.2	S				CS2				42.	185.	-68.6	241.5	563.3	70.3	17.1
713.1	L	44 5B2									-70.0	242.6	566.8	70.2	17.4
715.4	S				CS2				70.	185.	-70.7	243.2	568.9	70.1	17.5
716.9	L	45 5E0									-71.3	243.7	570.2	70.0	17.6
719.4	S					3					-72.1	244.4	572.4	69.9	17.8
720.2	S				CS2				60.	185.	-72.4	244.6	573.2	69.9	17.8
720.9	S					E					-72.6	244.8	573.8	69.9	17.9
725.6	L	46 5B2									-74.3	246.2	578.0	69.7	18.2
726.4	S				CS2				75.	185.	-74.5	246.4	578.7	69.7	18.2
726.5	L	47 5D6									-74.6	246.4	578.8	69.7	18.2
730.7	L	48 5B6									-76.0	247.7	582.5	69.5	18.5
732.4	S				CS2				68.	185.	-76.6	248.2	584.0	69.4	18.6
733.1	L	49 5D6									-76.9	248.4	584.7	69.4	18.7
737.9	S				CS2				87.	185.	-78.6	249.8	588.9	69.2	19.0
738.8	L	50 5B6									-78.9	250.1	589.7	69.2	19.0
744.1	S				CS2				78.	185.	-80.8	251.7	594.4	69.0	19.4
744.3	S					3					-80.9	251.8	594.5	69.0	19.4
745.6	L	51 5B2									-81.3	252.2	595.7	68.9	19.5
749.8	L	52 5C3									-82.8	253.5	599.4	68.7	19.8
750.0	S				CS2				85.	185.	-82.9	253.6	599.6	68.7	19.8
756.0	S				CS2				77.	185.	-85.1	255.5	604.8	68.5	20.2
757.7	S					E					-85.7	256.0	606.3	68.4	20.3
759.0	L	53 5B6									-86.2	256.5	607.4	68.4	20.4
762.1	S				CS2				72.	185.	-87.3	257.5	610.1	68.3	20.6
762.5	L	54 5B2									-87.5	257.6	610.5	68.2	20.6
766.6	S					Z					-89.0	258.9	614.0	68.1	20.9
768.0	S				CS2				69.	185.	-89.5	259.4	615.2	68.0	21.0

****
* DDH: 77-X-04 * 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 NO	LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
768.7	R										-89.8	259.6	615.9	68.0	21.0
771.8	L	55 5G0									-91.0	260.7	618.5	68.1	21.1
774.0	S				CS2				85.	185.	-91.8	261.4	620.4	68.1	21.1
774.5	S					S					-92.0	261.6	620.9	68.2	21.2
779.7	L	56 5B6									-93.9	263.3	625.4	68.3	21.3
781.1	S				CS2				69.	185.	-94.4	263.8	626.6	68.3	21.3
783.0	L	57 5B6									-95.1	264.4	628.2	68.4	21.4
787.0	S				CS2				69.	185.	-96.6	265.8	631.7	68.5	21.5
788.6	L	58 5B4									-97.2	266.3	633.1	68.5	21.5
789.5	P		2625	2.							-97.5	266.6	633.8	68.5	21.5
790.3	L	59 4C7									-97.8	266.9	634.5	68.6	21.6
791.0	P		2626	1.							-98.0	267.1	635.1	68.6	21.6
791.0	L	60 4E0									-98.1	267.2	635.2	68.6	21.6
791.6	L	61 4C5									-98.3	267.4	635.7	68.6	21.6
792.6	P		2627	2.							-98.6	267.7	636.5	68.6	21.6
792.7	S				CS2				73.	185.	-98.7	267.7	636.6	68.6	21.6
795.1	L	62 4C7									-99.5	268.6	638.7	68.7	21.7
797.7	S				CS2				60.	185.	-100.5	269.5	641.0	68.8	21.8
798.9	L	63 5B4									-100.9	269.9	642.0	68.8	21.8
799.3	P		2628	1.							-101.1	270.0	642.3	68.8	21.8
799.7	L	64 4E1									-101.2	270.2	642.7	68.8	21.8
800.4	L	65 5B4									-101.5	270.4	643.3	68.8	21.8
800.6	L	66 5A1									-101.5	270.5	643.5	68.8	21.8
801.1	L	67 4E1									-101.7	270.6	643.9	68.9	21.9
801.3	L	68 5A1									-101.8	270.7	644.1	68.9	21.9
801.9	S					E					-102.0	270.9	644.6	68.9	21.9
803.7	S				CS2				78.	185.	-102.7	271.5	646.1	68.9	21.9
809.7	S				CS2				68.	185.	-104.8	273.6	651.3	69.1	22.1
815.2	S				CS2				84.	185.	-106.8	275.6	656.1	69.2	22.2
819.6	L	69 5B0									-108.3	277.1	659.9	69.3	22.3
822.0	L	70 5A1									-109.2	278.0	662.0	69.4	22.4
822.6	L	71 5A*									-109.4	278.2	662.5	69.4	22.4
824.4	L	72 3H0									-110.0	278.9	664.1	69.5	22.5
825.1	L	73 5A*									-110.3	279.1	664.7	69.5	22.5
825.9	L	74 5F0									-110.5	279.4	665.4	69.5	22.5
826.6	L	75 5A*									-110.8	279.6	666.0	69.5	22.5
827.6	L	76 5F0									-111.1	280.0	666.8	69.5	22.5
835.7	L	77 3D1									-113.9	282.9	673.8	69.8	22.8

```
************************
*     DDH:  77-X-04     *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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										-117.1	286.3	681.8	70.0	23.0
850.1	L	79 OCO									-118.9	288.2	686.3	70.0	23.0
850.1	R										-118.9	288.2	686.3	70.0	23.0

FINISHED -- LENGTH = 850.10 METERS ENTRIES = 314

```
 STOP FINISHED
SRU'S:44.8
!*
!DEFINE 77X04D.PF KEY:0 ON:SPN
!EQUATE 20 77X04D.PF
!DDHPLT.DH
```

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*************************
*     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 = -118.9 METERS
     EASTING:      -9.9 -  288.2 METERS
     NORTHING:      0.  -  686.3 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,2000,005


          ************************
          *     DDH:  77-X-04    *     START PLOT NUMBER  1
          ************************

                PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                X-AXIS PLOT LIMITS:   0.   -  13.95 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  -2.34 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,005


          ************************
          *     DDH:  77-X-04    *     START PLOT NUMBER  2
          ************************

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

                PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                X-AXIS PLOT LIMITS:   0.   -  13.95 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  -2.34 (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 =   5.0   VIEW AZIMUTH = 275.0

			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
7.6	89.8	358.9						74.	185.	75.4	185.0	-75.4	-.05	-.19
13.1	89.6	358.0						81.	185.	84.7	185.0	-84.7	-.02	-.20
18.3	89.4	357.3						77.	185.	80.1	185.0	-80.1	-.03	-.20
25.0	89.2	356.3						76.	185.	79.8	185.0	-79.8	-.04	-.20
29.4	89.1	355.6	77.	5.	80.1	5.0	80.1	77.	185.	81.9	185.0	-81.9	-.03	-.20
35.4	88.9	354.7						80.	185.					
41.2	88.7	353.9	65.	185.	68.8	185.0	-68.8	72.	185.	77.1	185.0	-77.1	-.04	-.19
46.6	88.6	353.1						85.	185.					
52.7	88.4	352.1						85.	185.					
58.5	88.2	351.3	85.	5.				86.	185.					
64.9	88.0	350.3						80.	185.					
71.9	87.8	349.3						85.	185.					
78.0	87.6	348.4						72.	185.	85.4	185.0	-85.4	-.02	-.20
84.1	87.5	350.8						55.	185.	60.2	185.0	-60.2	-.10	-.17
90.5	87.5	355.9						80.	185.	88.3	185.0	-88.3	-.01	-.20
97.5	87.6	1.4						62.	185.	64.6	185.0	-64.6	-.09	-.18
103.0	87.6	5.7						70.	185.	72.4	185.0	-72.4	-.06	-.19
109.4	87.6	10.7						67.	185.	70.1	185.0	-70.1	-.07	-.19
116.1	87.6	16.0						78.	185.	87.6	185.0	-87.6	-.01	-.20
121.6	87.6	20.3						70.	185.	79.4	185.0	-79.4	-.04	-.20
127.7	87.7	25.1						57.	185.	65.7	185.0	-65.7	-.08	-.18
134.6	87.7	30.5						75.	185.					
138.7	87.7	33.7						71.	185.					
144.5	87.7	38.3						72.	185.					
151.2	87.7	43.6						72.	185.					
157.9	87.8	48.8						69.	185.					
161.5	87.8	51.7						88.	185.					
167.6	87.8	56.5						80.	185.					
173.7	87.8	61.3						78.	185.					
183.5	87.9	69.0						85.	185.					
186.8	87.9	71.6						74.	185.					
193.6	87.9	76.9						74.	185.					
201.5	87.9	83.1	85.	275.	87.1	263.1	-76.2	77.	185.					
207.6	87.9	87.9						80.	185.					
214.3	88.0	93.2						86.	185.					
220.7	88.0	98.2						78.	185.					
230.7	87.9	100.0						81.	185.					
236.8	87.9	95.3						77.	185.					
240.5	87.8	92.4						78.	185.					
247.8	87.7	86.8						76.	185.					
254.5	87.6	81.6						83.	185.					

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*     DDH:  77-X-04     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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	87.6	76.7						82.	185.					
262.7	87.5	75.3						76.	185.					
267.6	87.5	71.5						78.	185.					
272.8	87.4	67.5						79.	185.					
279.8	87.3	62.1						79.	185.					
282.9	87.3	59.7	82.	140.				76.	185.					
288.0	87.2	55.7						70.	185.					
294.1	87.1	51.0						85.	185.					
300.2	87.1	46.3						80.	185.					
306.0	87.0	41.8						78.	185.					
311.1	86.9	37.9						80.	185.					
317.0	86.8	33.3						80.	185.					
323.0	86.8	28.7						80.	185.					
329.0	86.7	24.1						80.	185.					
335.0	86.6	19.4						70.	185.	79.5	185.0	-79.5	-.04	-.20
342.0	86.5	14.0						80.	185.	89.1	185.0	-89.1	-.00	-.20
347.0	86.5	10.2						90.	185.	93.5	190.2	-93.5	.01	-.20
353.0	86.4	5.5						80.	185.	83.6	185.0	-83.6	-.02	-.20
359.0	86.3	.9						75.	185.	79.3	185.0	-79.3	-.04	-.20
365.0	86.2	356.3						80.	185.	88.9	185.0	-88.9	-.00	-.20
371.0	86.1	351.6						75.	185.	87.1	185.0	-87.1	-.01	-.20
378.0	86.1	346.2						85.	185.					
384.0	86.0	343.8						80.	185.					
390.0	85.9	346.5						75.	185.					
396.6	85.9	349.5						70.	185.	81.4	185.0	-81.4	-.03	-.20
402.0	85.9	351.9						85.	185.					
408.0	85.8	354.7						75.	185.	83.3	185.0	-83.3	-.02	-.20
414.0	85.8	357.4						70.	185.	75.7	185.0	-75.7	-.05	-.19
420.0	85.7	.1						65.	185.	69.8	185.0	-69.8	-.07	-.19
426.0	85.7	2.8						70.	185.	74.4	185.0	-74.4	-.05	-.19
432.0	85.7	5.5						80.	185.	84.3	185.0	-84.3	-.02	-.20
438.0	85.6	8.2						70.	185.	74.7	185.0	-74.7	-.05	-.19
444.0	85.6	10.9						60.	185.	65.0	185.0	-65.0	-.08	-.18
450.0	85.5	13.6						80.	185.	89.4	185.0	-89.4	-.00	-.20
456.0	85.5	16.3						70.	185.	78.0	185.0	-78.0	-.04	-.20
462.0	85.4	19.0						80.	185.					
468.0	85.4	21.8						80.	185.					
474.0	85.4	24.5						70.	185.					
480.0	85.3	27.2						70.	185.					
486.0	85.3	29.9						75.	185.					
492.0	85.2	32.6						80.	185.					

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

PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

			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
499.4	85.2	35.9						85.	185.	89.8	215.9	-89.8	-.00	-.20
501.3	85.2	36.8						40.	185.	54.7	185.0	-54.7	-.12	-.16
504.0	85.2	38.0						65.	185.					
510.0	85.1	40.7						70.	185.					
516.0	85.1	43.4						75.	185.					
522.0	85.0	46.1						70.	185.					
528.0	84.9	42.9						60.	185.					
531.0	84.7	34.9						35.	185.	47.5	185.0	-47.5	-.14	-.15
536.0	84.3	21.5						50.	185.	58.9	185.0	-58.9	-.10	-.17
542.0	83.8	10.4						40.	185.	46.4	185.0	-46.4	-.14	-.14
544.9	83.5	10.3						0.	185.	6.5	185.0	-6.5	-.20	-.02
										6.5	185.0	-6.5	-.20	-.02
550.0	83.0	10.2						75.	185.	82.9	185.0	-82.9	-.02	-.20
556.0	82.3	10.0						70.	185.	78.3	185.0	-78.3	-.04	-.20
562.0	81.7	9.8						60.	185.	68.7	185.0	-68.7	-.07	-.19
568.0	81.1	9.6						70.	185.	79.4	185.0	-79.4	-.04	-.20
574.7	80.4	9.4						80.	185.					
580.0	79.8	9.2						80.	185.					
586.0	79.2	9.0						65.	185.	76.1	185.0	-76.1	-.05	-.19
592.0	78.6	8.8						70.	185.	81.8	185.0	-81.8	-.03	-.20
598.0	77.9	8.6						70.	185.	82.4	185.0	-82.4	-.03	-.20
610.5	76.6	8.2						68.	185.	81.6	185.0	-81.6	-.03	-.20
616.5	76.0	8.0						68.	185.	82.2	185.0	-82.2	-.03	-.20
622.2	75.6	8.6						64.	185.	78.6	185.0	-78.6	-.04	-.20
623.7	75.5	8.8						52.	185.	66.7	185.0	-66.7	-.08	-.18
627.5	75.3	9.2						55.	185.	69.9	185.0	-69.9	-.07	-.19
633.5	74.9	9.8						52.	185.	67.4	185.0	-67.4	-.08	-.18
640.0	74.4	10.5						75.	185.					
646.0	74.1	11.1						60.	185.	76.5	185.0	-76.5	-.05	-.19
651.5	73.7	11.7						76.	185.					
657.0	73.3	12.3						70.	185.	88.0	185.0	-88.0	-.01	-.20
663.2	72.9	12.9						72.	185.					
668.1	72.6	13.4						80.	185.					
674.1	72.2	14.1						60.	185.	79.2	185.0	-79.2	-.04	-.20
679.9	71.8	14.7						52.	185.	71.4	185.0	-71.4	-.06	-.19
685.0	71.5	15.2						65.	185.	85.6	185.0	-85.6	-.02	-.20
691.0	71.1	15.8						75.	185.					
697.2	70.8	16.3						68.	185.					
703.0	70.6	16.7						73.	185.					
709.2	70.3	17.1						42.	185.	63.2	185.0	-63.2	-.09	-.18
715.4	70.1	17.5						70.	185.					

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************************
*     DDH:  77-X-04     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0      VIEW AZIMUTH = 275.0
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			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)						
			OBSERVED		CALCULATED			OBSERVED		CALCULATED			PLOT PARAMETERS	
DDH METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
720.2	69.9	17.8						60.	185.	82.9	185.0	-82.9	-.02	-.20
726.4	69.7	18.2						75.	185.					
732.4	69.4	18.6						68.	185.					
737.9	69.2	19.0						87.	185.					
744.1	69.0	19.4						78.	185.					
750.0	68.7	19.8						85.	185.					
756.0	68.5	20.2						77.	185.					
762.1	68.3	20.6						72.	185.					
768.0	68.0	21.0						69.	185.					
774.0	68.1	21.1						85.	185.					
781.1	68.3	21.3						69.	185.					
787.0	68.5	21.5						69.	185.					
792.7	68.6	21.6						73.	185.					
797.7	68.8	21.8						60.	185.	86.1	185.0	-86.1	-.01	-.20
803.7	68.9	21.9						78.	185.					
809.7	69.1	22.1						68.	185.					
815.2	69.2	22.2						84.	185.					

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

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PROGRAM COMMAND:  PLOTA,2000,095


          ************************
          *     DDH:  77-X-04    *     START PLOT NUMBER  3
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                PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:    5. DEGREES

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

                X-AXIS PLOT LIMITS:    -.36 -    4.47 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  -2.34 (INCHES)

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

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

PROGRAM COMMAND:  PLOTB,2000,095


          ************************
          *     DDH:  77-X-04    *     START PLOT NUMBER  4
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                PLOT-B -- TRACE, LITHOLOGY, STRUCTURE, & SYMMETRY

                PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:    5. DEGREES

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

                X-AXIS PLOT LIMITS:    -.36 -    4.47 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  -2.34 (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
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
7.6	89.8	358.9						74.	185.	75.4	185.0	-.0	-.20	-.00
13.1	89.6	358.0						81.	185.	84.7	185.0	-.0	-.20	-.00
18.3	89.4	357.3						77.	185.	80.1	185.0	-.0	-.20	-.00
25.0	89.2	356.3						76.	185.	79.8	185.0	-.0	-.20	-.00
29.4	89.1	355.6	77.	5.	80.1	5.0	-.0	77.	185.	81.9	185.0	-.0	-.20	-.00
35.4	88.9	354.7						80.	185.					
41.2	88.7	353.9	65.	185.	68.8	185.0	-.0	72.	185.	77.1	185.0	-.0	-.20	-.00
46.6	88.6	353.1						85.	185.					
52.7	88.4	352.1						85.	185.					
58.5	88.2	351.3	85.	5.				86.	185.					
64.9	88.0	350.3						80.	185.					
71.9	87.8	349.3						85.	185.					
78.0	87.6	348.4						72.	185.	85.4	185.0	-.0	-.20	-.00
84.1	87.5	350.8						55.	185.	60.2	185.0	-.0	-.20	-.00
90.5	87.5	355.9						80.	185.	88.3	185.0	-.0	-.20	-.00
97.5	87.6	1.4						62.	185.	64.6	185.0	-.0	-.20	-.00
103.0	87.6	5.7						70.	185.	72.4	185.0	-.0	-.20	-.00
109.4	87.6	10.7						67.	185.	70.1	185.0	-.0	-.20	-.00
116.1	87.6	16.0						78.	185.	87.6	185.0	-.0	-.20	-.00
121.6	87.6	20.3						70.	185.	79.4	185.0	-.0	-.20	-.00
127.7	87.7	25.1						57.	185.	65.7	185.0	-.0	-.20	-.00
134.6	87.7	30.5						75.	185.					
138.7	87.7	33.7						71.	185.					
144.5	87.7	38.3						72.	185.					
151.2	87.7	43.6						72.	185.					
157.9	87.8	48.8						69.	185.					
161.5	87.8	51.7						88.	185.					
167.6	87.8	56.5						80.	185.					
173.7	87.8	61.3						78.	185.					
183.5	87.9	69.0						85.	185.					
186.8	87.9	71.6						74.	185.					
193.6	87.9	76.9						74.	185.					
201.5	87.9	83.1	85.	275.	87.1	263.1	-87.0	77.	185.					
207.6	87.9	87.9						80.	185.					
214.3	88.0	93.2						86.	185.					
220.7	88.0	98.2						78.	185.					
230.7	87.9	100.0						81.	185.					
236.8	87.9	95.3						77.	185.					
240.5	87.8	92.4						78.	185.					
247.8	87.7	86.8						76.	185.					
254.5	87.6	81.6						83.	185.					

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*    DDH:  77-X-04    *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

			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	87.6	76.7						82.	185.					
262.7	87.5	75.3						76.	185.					
267.6	87.5	71.5						78.	185.					
272.8	87.4	67.5						79.	185.					
279.8	87.3	62.1						79.	185.					
282.9	87.3	59.7	82.	140.				76.	185.					
288.0	87.2	55.7						70.	185.					
294.1	87.1	51.0						85.	185.					
300.2	87.1	46.3						80.	185.					
306.0	87.0	41.8						78.	185.					
311.1	86.9	37.9						80.	185.					
317.0	86.8	33.3						80.	185.					
323.0	86.8	28.7						80.	185.					
329.0	86.7	24.1						80.	185.					
335.0	86.6	19.4						70.	185.	79.5	185.0	-.0	-.20	-.00
342.0	86.5	14.0						80.	185.	89.1	185.0	-.0	-.20	-.00
347.0	86.5	10.2						90.	185.	93.5	190.2	-124.0	.11	-.17
353.0	86.4	5.5						80.	185.	83.6	185.0	-.0	-.20	-.00
359.0	86.3	.9						75.	185.	79.3	185.0	-.0	-.20	-.00
365.0	86.2	356.3						80.	185.	88.9	185.0	-.0	-.20	-.00
371.0	86.1	351.6						75.	185.	87.1	185.0	-.0	-.20	-.00
378.0	86.1	346.2						85.	185.					
384.0	86.0	343.8						80.	185.					
390.0	85.9	346.5						75.	185.					
396.6	85.9	349.5						70.	185.	81.4	185.0	-.0	-.20	-.00
402.0	85.9	351.9						85.	185.					
408.0	85.8	354.7						75.	185.	83.3	185.0	-.0	-.20	-.00
414.0	85.8	357.4						70.	185.	75.7	185.0	-.0	-.20	-.00
420.0	85.7	.1						65.	185.	69.8	185.0	-.0	-.20	-.00
426.0	85.7	2.8						70.	185.	74.4	185.0	-.0	-.20	-.00
432.0	85.7	5.5						80.	185.	84.3	185.0	-.0	-.20	-.00
438.0	85.6	8.2						70.	185.	74.7	185.0	-.0	-.20	-.00
444.0	85.6	10.9						60.	185.	65.0	185.0	-.0	-.20	-.00
450.0	85.5	13.6						80.	185.	89.4	185.0	-.0	-.20	-.00
456.0	85.5	16.3						70.	185.	78.0	185.0	-.0	-.20	-.00
462.0	85.4	19.0						80.	185.					
468.0	85.4	21.8						80.	185.					
474.0	85.4	24.5						70.	185.					
480.0	85.3	27.2						70.	185.					
486.0	85.3	29.9						75.	185.					
492.0	85.2	32.6						80.	185.					

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*    DDH:  77-X-04     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

			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
499.4	85.2	35.9						85.	185.	89.8	215.9	-89.6	-.00	-.20
501.3	85.2	36.8						40.	185.	54.7	185.0	-.0	-.20	-.00
504.0	85.2	38.0						65.	185.					
510.0	85.1	40.7						70.	185.					
516.0	85.1	43.4						75.	185.					
522.0	85.0	46.1						70.	185.					
528.0	84.9	42.9						60.	185.					
531.0	84.7	34.9						35.	185.	47.5	185.0	-.0	-.20	-.00
536.0	84.3	21.5						50.	185.	58.9	185.0	-.0	-.20	-.00
542.0	83.8	10.4						40.	185.	46.4	185.0	-.0	-.20	-.00
544.9	83.5	10.3						0.	185.	6.5	185.0	-.0	-.20	-.00
										6.5	185.0	-.0	-.20	-.00
550.0	83.0	10.2						75.	185.	82.9	185.0	-.0	-.20	-.00
556.0	82.3	10.0						70.	185.	78.3	185.0	-.0	-.20	-.00
562.0	81.7	9.8						60.	185.	68.7	185.0	-.0	-.20	-.00
568.0	81.1	9.6						70.	185.	79.4	185.0	-.0	-.20	-.00
574.7	80.4	9.4						80.	185.					
580.0	79.8	9.2						80.	185.					
586.0	79.2	9.0						65.	185.	76.1	185.0	-.0	-.20	-.00
592.0	78.6	8.8						70.	185.	81.8	185.0	-.0	-.20	-.00
598.0	77.9	8.6						70.	185.	82.4	185.0	-.0	-.20	-.00
610.5	76.6	8.2						68.	185.	81.6	185.0	-.0	-.20	-.00
616.5	76.0	8.0						68.	185.	82.2	185.0	-.0	-.20	-.00
622.2	75.6	8.6						64.	185.	78.6	185.0	-.0	-.20	-.00
623.7	75.5	8.8						52.	185.	66.7	185.0	-.0	-.20	-.00
627.5	75.3	9.2						55.	185.	69.9	185.0	-.0	-.20	-.00
633.5	74.9	9.8						52.	185.	67.4	185.0	-.0	-.20	-.00
640.0	74.4	10.5						75.	185.					
646.0	74.1	11.1						60.	185.	76.5	185.0	-.0	-.20	-.00
651.5	73.7	11.7						76.	185.					
657.0	73.3	12.3						70.	185.	88.0	185.0	-.0	-.20	-.00
663.2	72.9	12.9						72.	185.					
668.1	72.6	13.4						80.	185.					
674.1	72.2	14.1						60.	185.	79.2	185.0	-.0	-.20	-.00
679.9	71.8	14.7						52.	185.	71.4	185.0	-.0	-.20	-.00
685.0	71.5	15.2						65.	185.	85.6	185.0	-.0	-.20	-.00
691.0	71.1	15.8						75.	185.					
697.2	70.8	16.3						68.	185.					
703.0	70.6	16.7						73.	185.					
709.2	70.3	17.1						42.	185.	63.2	185.0	-.0	-.20	-.00
715.4	70.1	17.5						70.	185.					

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

PROJECTION PLANE AZIMUTH =  95.0     VIEW AZIMUTH =   5.0
```

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
720.2	69.9	17.8						60.	185.	82.9	185.0	-.0	-.20	-.00
726.4	69.7	18.2						75.	185.					
732.4	69.4	18.6						68.	185.					
737.9	69.2	19.0						87.	185.					
744.1	69.0	19.4						78.	185.					
750.0	68.7	19.8						85.	185.					
756.0	68.5	20.2						77.	185.					
762.1	68.3	20.6						72.	185.					
768.0	68.0	21.0						69.	185.					
774.0	68.1	21.1						85.	185.					
781.1	68.3	21.3						69.	185.					
787.0	68.5	21.5						69.	185.					
792.7	68.6	21.6						73.	185.					
797.7	68.8	21.8						60.	185.	86.1	185.0	-.0	-.20	-.00
803.7	68.9	21.9						78.	185.					
809.7	69.1	22.1						68.	185.					
815.2	69.2	22.2						84.	185.					

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

```
 STOP ALL PLOTS FINISHED
SRU'S:35.5
!OFF
USAGE ON 11/15/77 AT 16:12:00
SRU'S:84.7        ELAPSED TIME: 00:01:17
```

77X-05

GPS PQS001,,DRHOLE AT: 11/15/77 16:39:50 JOB: 24726 UU 40-01-048 8888888888 7

```
!EQUATE 1 77X05D.FD
!DEFINE 77X05D.TD KEY:
!EQUATE 2 77X05D.TD
!DDHCOR.DH
```

```
*************************
*     DDH:  77X-05      *
*************************

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
         1........0.........0.........0.........0.........0.
    1   T77X-05  01162.12264887200318686 METERS
    2   R77X-05  00000         180.0 000.0 AT COLLAR   VERTICAL
    3   R77X-05  01265         178.0 260.0
    4   R77X-05  01813         177.0 256.0
    5   R77X-05  02728         175.5 213.0
    6   R77X-05  03642         170.5 273.0
    7   R77X-05  04557         171.0 286.0
    8   R77X-05  05471         170.0 303.0
    9   R77X-05  06458         166.5 304.0
   10   R77X-05  08744         171.0 355.0
   11   R77X-05  07198         165.0 316.0
   12   R77X-05  07958         169.0 336.0
   13   L77X-05  00000 00013 01    #
   14   L77X-05  00013 00511 02 5B0
   15   L77X-05  00511 00546 03 5D3
   16   L77X-05  00546 00568 04 5C3
   17   L77X-05  00568 00594 05 5D3
   18   L77X-05  00594 00640 06 5B6
   19   L77X-05  00640 00729 07 5C6
   20   L77X-05  00729 00735 08 5D6
   21   L77X-05  00735 00758 09 5B6
   22   L77X-05  00758 00887 10 5B0
   23   L77X-05  00887 01062 11 5B6
   24   L77X-05  01062 01501 12 5B6
   25   L77X-05  01501 01514 13 5B0
   26   L77X-05  01514 01697 14 5B6
   27   L77X-05  01697 01825 15 5B0
   28   L77X-05  01825 01927 16 5B6
   29   L77X-05  01927 02003 17 5B0
   30   L77X-05  02003 02110 18 0C0
   31   L77X-05  02110 02273 19 5B0
   32   L77X-05  02273 02522 20 5B0
   33   L77X-05  02522 02526 21 5D3
   34   L77X-05  02526 02599 22 5B0
   35   L77X-05  02599 02623 23 5B6
   36   L77X-05  02623 02634 24 5D3
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-05     *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
   37   L77X-05   02634 02639 25 5B6
   38   L77X-05   02639 02658 26 5D3
   39   L77X-05   02658 02783 27 5B0
   40   L77X-05   02783 02792 28 5D3
   41   L77X-05   02792 02846 29 5B0
   42   L77X-05   02846 02851 30 5D3
   43   L77X-05   02851 02999 31 5B0
   44   L77X-05   02999 03022 32 5B6
   45   L77X-05   03022 03304 33 5B6
   46   L77X-05   03304 03385 34 5D3
   47   L77X-05   03385 03401 35 5B0
   48   L77X-05   03401 03431 36 5B6
   49   L77X-05   03431 03525 37 5B0
   50   L77X-05   03525 03542 38 5D3
   51   L77X-05   03542 03603 39 5B0
   52   L77X-05   03603 03620 40 5D3
   53   L77X-05   03620 04358 41 5B0
   54   L77X-05   04358 04392 42 5C0
   55   L77X-05   04392 04715 43 5B0
   56   L77X-05   04715 04778 44 5B6
   57   L77X-05   04778 05074 45 5B0
   58   L77X-05   05074 05082 46 5D3
   59   L77X-05   05082 05112 47 5B6
   60   L77X-05   05112 05349 48 5D3
   61   L77X-05   05349 05405 49 5B6
   62   L77X-05   05405 05422 50 5CD
   63   L77X-05   05422 05446 51 5DB
   64   L77X-05   05446 05451 52 5C3
   65   L77X-05   05451 05604 53 5DB
   66   L77X-05   05604 05646 54 5C3
   67   L77X-05   05646 05656 55 5B0
   68   L77X-05   05656 05768 56 5DB
   69   L77X-05   05768 05805 57 5B6
   70   L77X-05   05805 05868 58 5DB
   71   L77X-05   05868 05900 59 5D4
   72   L77X-05   05900 05943 60 4G0
   73   L77X-05   05943 05952 61 4E6
   74   L77X-05   05952 05983 62 4G0
   75   L77X-05   05983 06023 63 4C6
   76   L77X-05   06023 06063 64 4G0
   77   L77X-05   06063 06083 65 4C6
   78   L77X-05   06083 06092 66 5D9
        1........1.........2.........3.........4.........5
                 0         0         0         0         0
```

```
************************
*     DDH:  77X-05      *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
    79   L77X-05   06092 06144 67 5D4
    80   L77X-05   06144 06172 68 4C7
    81   L77X-05   06172 06185 69 4G0
    82   L77X-05   06185 06191 70 5D3
    83   L77X-05   06191 06224 71 4A0
    84   L77X-05   06224 06241 72 4E0
    85   L77X-05   06241 06263 73 4A0
    86   L77X-05   06263 06278 74 4E4
    87   L77X-05   06278 06313 75 5B4
    88   L77X-05   06313 06355 76 5B6
    89   L77X-05   06355 06362 77 4H1
    90   L77X-05   06362 06367 78 4E4
    91   L77X-05   06367 06405 79 5B2
    92   L77X-05   06405 06429 80 4C7
    93   L77X-05   06429 06470 81 5B1
    94   L77X-05   06470 06478 82 4C7
    95   L77X-05   06478 06495 83 5B1
    96   L77X-05   06495 06668 84 5D3
    97   L77X-05   06668 06707 85 5B0
    98   L77X-05   06707 06715 86 5D3
    99   L77X-05   06715 06732 87 4E8
   100   L77X-05   06732 06736 88 5D3
   101   L77X-05   06736 06750 89 4E8
   102   L77X-05   06750 07067 90 5B1
   103   L77X-05   07067 07077 91 5B6
   104   L77X-05   07077 07090 92 4C7
   105   L77X-05   07090 07154 93 4G1
   106   L77X-05   07154 07160 94 4A0
   107   L77X-05   07160 07402 95 5BD
   108   L77X-05   07402 07424 98 4E8
   109   L77X-05   07424 07607 99 5DB
   110   L77X-05   07607 07622 00 5DB
   111   L77X-05   07622 07634 01 4A0
   112   L77X-05   07634 07666 02 4G0
   113   L77X-05   07666 07685 03 4A0
   114   L77X-05   07685 07712 04 5DB
   115   L77X-05   07712 08222 05 5DB
   116   L77X-05   08222 08255 06 4C7
   117   L77X-05   08255 08277 07 5DB
   118   L77X-05   08277 08371 08 4C7
   119   L77X-05   08371 08503 09 5D6
   120   L77X-05   08503 08539 10 5A*
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-05     *
************************

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

              1         2         3         4         5
     1........0.........0.........0.........0.........0.
121  L77X-05  08539 08648 11 3G0
122  L77X-05  08648 08658 12 3D1
123  L77X-05  08658 08673 13 3C0
124  L77X-05  08673 08772 14 3D1
125  L77X-05  08772 08794 15 3F0
126  S77X-05        00051 CS2         72185
127  S77X-05        00100 CS2         71185
128  S77X-05        00166 CS2         70185
129  S77X-05        00218 CS2         61185
130  S77X-05        00267 CS2         80185
131  S77X-05        00268  F2 M
132  S77X-05        00300 CS2         72185
133  S77X-05        00312  F2 M
134  S77X-05        00352 CS2         85185
135  S77X-05        00371  F2 E
136  S77X-05        00408 CS2         78185
137  S77X-05        00415  F2 3
138  S77X-05        00427 CS2         77185
139  S77X-05        00490 CS2         80185
140  S77X-05        00540  F2 E
141  S77X-05        00544 CS2         75185
142  S77X-05        00575  F2 3
143  S77X-05        00598 CS2         72185
144  S77X-05        00642 CS2         68185
145  S77X-05        00682 CS2         45185
146  S77X-05        00737  F2 E
147  S77X-05        00739 CS2         80185
148  S77X-05        00797 CS2         65185
149  S77X-05        00846 CS2         80185
150  S77X-05        00852  F2 3
151  S77X-05        00883 CS2         76185
152  S77X-05        00884  F2 E
153  S77X-05        00910 CS2         76185
154  S77X-05        00914  F2 3
155  S77X-05        00950 CS2         65185
156  S77X-05        00967  F2 E
157  S77X-05        01001 CS2         67185
158  S77X-05        01038  F2 3
159  S77X-05        01072 CS2         74185
160  S77X-05        01098  F2 E
161  S77X-05        01131 CS2         68185
162  S77X-05        01141  F2 3
     1........1.........2.........3.........4.........5
              0         0         0         0         0
```

```
**************************
*     DDH:  77X-05       *
**************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     163  S77X-05        01186 CS2         67185
     164  S77X-05        01256 CS2         70185
     165  S77X-05        01290  F2 E
     166  S77X-05        01332 CS2         69185
     167  S77X-05        01395 CS2         80185
     168  S77X-05        01416  F2 3
     169  S77X-05        01453 CS2         74185
     170  S77X-05        01493  F2 E
     171  S77X-05        01515 CS2         81185
     172  S77X-05        01528  F2 3
     173  S77X-05        01555 CS2         77185
     174  S77X-05        01617 CS2         72185
     175  S77X-05        01648  F2 E
     176  S77X-05        01669 CS2         81185
     177  S77X-05        01696  F2 3
     178  S77X-05        01722 CS2         73185
     179  S77X-05        01783 CS2         80185
     180  S77X-05        01796  F2 E
     181  S77X-05        01813 CS2         55185
     182  S77X-05        01865 CS2         75185
     183  S77X-05        01867  F2 3
     184  S77X-05        01914 CS2         75185
     185  S77X-05        01990 CS2         80185
     186  S77X-05        02116 CS2         70185
     187  S77X-05        02164 CS2         60185
     188  S77X-05        02229 CS2         78185
     189  S77X-05        02236  F2 E
     190  S77X-05        02267 CS2         70185
     191  S77X-05        02311 CS2         57185
     192  S77X-05        02321  F2 3
     193  S77X-05        02362 CS2         69185
     194  S77X-05        02393  F2 E
     195  S77X-05        02426 CS2         84185
     196  S77X-05        02455 CS2         73185
     197  S77X-05        02459  F2 3
     198  S77X-05        02519 CS2         82185
     199  S77X-05        02570  F2 E
     200  S77X-05        02580 CS2         82185
     201  S77X-05        02599  F2 3
     202  S77X-05        02642 CS2 S       72185
     203  S77X-05  02678 02780 IND
     204  S77X-05        02734 CS2         71185
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
************************
*     DDH:  77X-05     *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
    205   S77X-05            02804 CS2 Z        55185
    206   S77X-05            02819  F2 3
    207   S77X-05            02859 CS2 S        68185
    208   S77X-05      02859 02924 IND
    209   S77X-05            02924 CS2 S        68185
    210   S77X-05            02978 CS2          72185
    211   S77X-05            03039 CS2          70185
    212   S77X-05            03090 CS2          80185
    213   S77X-05            03167 CS2          75185
    214   S77X-05            03213 CS2          70185
    215   S77X-05            03260  F2 E
    216   S77X-05            03302 CS2          72185
    217   S77X-05            03323  F2 3
    218   S77X-05            03367 CS2          82185
    219   S77X-05            03398  F2 E
    220   S77X-05            03430 CS2          78185
    221   S77X-05            03440  F2 3
    222   S77X-05            03490 CS2          82185
    223   S77X-05            03556 CS2          77185
    224   S77X-05            03603 CS2          66185
    225   S77X-05            03657 CS2          79185
    226   S77X-05            03691  F2 E
    227   S77X-05            03720 CS2          73185
    228   S77X-05            03787 CS2          79185
    229   S77X-05            03818 CS2          77185
    230   S77X-05            03838  F2 3
    231   S77X-05            03880 CS2          82185
    232   S77X-05            03883  F2 E
    233   S77X-05            03933 CS2          78185
    234   S77X-05            03937  F2 3
    235   S77X-05            03990 CS2          70185
    236   S77X-05            04021  F2 E
    237   S77X-05            04043 CS2          74185
    238   S77X-05            04044  F2 3
    239   S77X-05            04070 CS2          81185
    240   S77X-05            04071  F2 E
    241   S77X-05            04115 CS2          81185
    242   S77X-05            04175 CS2          80185
    243   S77X-05            04201  F2 E
    244   S77X-05            04237 CS2          58185
    245   S77X-05            04307 CS2          80185
    246   S77X-05            04315  F2 3
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
************************
*     DDH:  77X-05     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
     247  S77X-05          04381 CS2           90185
     248  S77X-05          04432 CS2           75185
     249  S77X-05          04525 CS2           70185
     250  S77X-05          04559  F2 E
     251  S77X-05          04587 CS2           65185
     252  S77X-05          04623  F2 3
     253  S77X-05          04640 CS2           54185
     254  S77X-05          04668  F2 E
     255  S77X-05          04700 CS2           75185
     256  S77X-05          04749 CS2           75185
     257  S77X-05          04809 CS2           77185
     258  S77X-05          04824  F2 3
     259  S77X-05          04877 CS2           57185
     260  S77X-05          04941 CS2           66185
     261  S77X-05          04959  F2 E
     262  S77X-05          04998 CS2           61185
     263  S77X-05          05010  F2 3
     264  S77X-05          05051 CS2           73185
     265  S77X-05          05111  F2 E
     266  S77X-05          05142 CS2           74185
     267  S77X-05          05197 CS2           70185
     268  S77X-05          05262 CS2           61185
     269  S77X-05          05347 CS2           70185
     270  S77X-05          05349  F2 3
     271  S77X-05          05382 CS2           81185
     272  S77X-05          05416  F2 E
     273  S77X-05          05441 CS2           60185
     274  S77X-05          05471  F2 3
     275  S77X-05          05516 CS2           62185
     276  S77X-05          05560 CS2           73185
     277  S77X-05          05620 CS2           78185
     278  S77X-05          05676  F2 E
     279  S77X-05          05677 CS2           75185
     280  S77X-05          05721 CS2           81185
     281  S77X-05          05729  F2 3
     282  S77X-05          05752 CS2           85185
     283  S77X-05          05771  F2 E
     284  S77X-05          05805 CS2           68185
     285  S77X-05          05867 CS2           75185
     286  S77X-05          05897  F2 Z
     287  S77X-05   05897  05991 PS2
     288  S77X-05          05928 PS2           57185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-05     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   289   S77X-05             05959 PS2          74185
   290   S77X-05             05991  F2 Z        80185
   291   S77X-05             05992  F2 3
   292   S77X-05             06021 CS2          65185
   293   S77X-05             06096 CS2          73185
   294   S77X-05             06160 CS2          56185
   295   S77X-05             06244 CS2          80185
   296   S77X-05             06328 CS2          55185
   297   S77X-05             06389 CS2          76185
   298   S77X-05             06455 CS2          75185
   299   S77X-05             06514 CS2          75185
   300   S77X-05             06577 CS2          82185
   301   S77X-05             06666 CS2          80185
   302   S77X-05             06709  F2 E
   303   S77X-05             06744 CS2          78185
   304   S77X-05             06753  F2 3
   305   S77X-05             06809 CS2          76185
   306   S77X-05             06870 CS2          59185
   307   S77X-05             06938 CS2          76185
   308   S77X-05             06991 CS2          75185
   309   S77X-05             07010  F2 M
   310   S77X-05             07056 CS2          65185
   311   S77X-05             07076  F2 M
   312   S77X-05             07120 CS2          60185
   313   S77X-05             07190 CS2          76185
   314   S77X-05             07256 CS2          62185
   315   S77X-05             07309 CS2          63185
   316   S77X-05             07347 CS2          68185
   317   S77X-05             07446 CS2          69185
   318   S77X-05             07531 CS2          52185
   319   S77X-05             07589 CS2          60185
   320   S77X-05             07658 CS2          55185
   321   S77X-05             07714 CS2          68185
   322   S77X-05             07787 CS2          66185
   323   S77X-05             07854 CS2          52185
   324   S77X-05             07883  F2 E
   325   S77X-05             07903 CS2          72185
   326   S77X-05             08001 CS2          70185
   327   S77X-05             08074 CS2          68185
   328   S77X-05             08150 CS2          78185
   329   S77X-05             08223 CS2          70185
   330   S77X-05             08296 PS2          68185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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************************
*     DDH:  77X-05     *
************************

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

              1         2         3         4         5
     1........0.........0.........0.........0.........0.
331  S77X-05        08372 PS2         80185
332  S77X-05        08430  F2 3
333  S77X-05        08431 CS2         68185
334  S77X-05        08491 CS2         73185
335  S77X-05        08552 CS2         59185
336  S77X-05        08605 CS2         54185
337  S77X-05        08677 CS2         79185
338  S77X-05        08737 CS2         62185
339  S77X-05        08789 CS2         79185
340  P77X-05  05900 05910 002657
341  P77X-05  05910 05930 002658
342  P77X-05  05930 05943 002659
343  P77X-05  05943 05952 002660
344  P77X-05  05952 05972 002661
345  P77X-05  05972 05983 002662
346  P77X-05  05983 06003 002663
347  P77X-05  06003 06023 002664
348  P77X-05  06023 06043 002665
349  P77X-05  06043 06063 002666
350  P77X-05  06063 06083 002667
351  P77X-05  06083 06092 002668
352  P77X-05  06144 06154 002669
353  P77X-05  06154 06172 002670
354  P77X-05  06172 06185 002671
355  P77X-05  06191 06211 002672
356  P77X-05  06211 06224 002673
357  P77X-05  06224 06241 002674
358  P77X-05  06241 06263 002675
359  P77X-05  06263 06278 002676
360  P77X-05  06355 06367 002677
361  P77X-05  06405 06429 002678
362  P77X-05  06715 06732 002679
363  P77X-05  06736 06750 002680
364  P77X-05  07077 07090 002681
365  P77X-05  07090 07110 002682
366  P77X-05  07110 07130 002683
367  P77X-05  07130 07150 002684
368  P77X-05  07150 07160 002685
369  P77X-05  07402 07424 002686
370  P77X-05  07623 07635 002687
371  P77X-05  07635 07651 002688
372  P77X-05  07651 07667 002689
     1........1.........2.........3.........4.........5
              0         0         0         0         0
```

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************************
*     DDH:  77X-05     *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
     373  P77X-05  07667 07685 002690
     374  P77X-05  08277 08307 002691
     375  P77X-05  08307 08338 002692
     376  P77X-05  08338 08371 002693
        1........1.........2.........3.........4.........5
                 0         0         0         0         0


DDH:  77X-05  -- SUMMARY OF DATA INPUT

              RECORDS READ =  376   RELEASED TO SORT  419
              TYPE-L =  113
              TYPE-P =   37
              TYPE-R =   11
              TYPE-S =  214
              TYPE-X =   43   ( GENERATED TO DEPTH:  860.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =   879.4 METERS
```

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************************
*     DDH:  77X-05     *
************************

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 -  178.00
                              AZIMUTH:        0.    -  260.00

HOLE ASSUMED VERTICAL AT DEPTH     .00

     BOREHOLE SECTION  2  --  DEPTH:        126.50 -  181.30 METERS
                              ZENITH ANG:  178.00 -  177.00
                              AZIMUTH:     260.00 -  256.00

     BOREHOLE SECTION  3  --  DEPTH:        181.30 -  272.80 METERS
                              ZENITH ANG:  177.00 -  175.50
                              AZIMUTH:     256.00 -  213.00

     BOREHOLE SECTION  4  --  DEPTH:        272.80 -  364.20 METERS
                              ZENITH ANG:  175.50 -  170.50
                              AZIMUTH:     213.00 -  273.00

     BOREHOLE SECTION  5  --  DEPTH:        364.20 -  455.70 METERS
                              ZENITH ANG:  170.50 -  171.00
                              AZIMUTH:     273.00 -  286.00

     BOREHOLE SECTION  6  --  DEPTH:        455.70 -  547.10 METERS
                              ZENITH ANG:  171.00 -  170.00
                              AZIMUTH:     286.00 -  303.00

     BOREHOLE SECTION  7  --  DEPTH:        547.10 -  645.80 METERS
                              ZENITH ANG:  170.00 -  166.50
                              AZIMUTH:     303.00 -  304.00

     BOREHOLE SECTION  8  --  DEPTH:        645.80 -  719.80 METERS
                              ZENITH ANG:  166.50 -  165.00
                              AZIMUTH:     304.00 -  316.00

     BOREHOLE SECTION  9  --  DEPTH:        719.80 -  795.80 METERS
                              ZENITH ANG:  165.00 -  169.00
                              AZIMUTH:     316.00 -  336.00

     BOREHOLE SECTION 10  --  DEPTH:        795.80 -  874.40 METERS
                              ZENITH ANG:  169.00 -  171.00
                              AZIMUTH:     336.00 -  355.00
```

```
BOREHOLE SECTION 11  --  DEPTH:        874.40 -  879.40 METERS
                         ZENITH ANG:   171.00 -  171.00
                         AZIMUTH:      355.00 -  355.00

FINISHED -- BOREHOLE LENGTH =    879.40 METERS
            FILE SIZE =      420
```

****
*   DDH: 77X-05   *   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	346.9
21.8	S				CS2				61.	185.	21.8	-.0	-.1	179.7	342.8
26.7	S				CS2				80.	185.	26.7	-.0	-.1	179.6	338.9
26.8	S				F2	M					26.8	-.0	-.1	179.6	338.8
30.0	S				CS2				72.	185.	30.0	-.0	-.1	179.5	336.3
31.2	S				F2	M					31.2	-.0	-.1	179.5	335.3
35.2	S				CS2				85.	185.	35.2	-.0	-.2	179.4	332.2
37.1	S				F2	E					37.1	-.0	-.2	179.4	330.7
40.8	S				CS2				78.	185.	40.8	-.1	-.2	179.4	327.7
41.5	S				F2	3					41.5	-.1	-.2	179.3	327.2
42.7	S				CS2				77.	185.	42.7	-.1	-.2	179.3	326.2
49.0	S				CS2				80.	185.	49.0	-.1	-.3	179.2	321.3
51.1	L	02 5B0									51.1	-.1	-.3	179.2	319.6
54.0	S				F2	E					54.0	-.1	-.4	179.1	317.3
54.4	S				CS2				75.	185.	54.4	-.2	-.4	179.1	317.0
54.6	L	03 5D3									54.6	-.2	-.4	179.1	316.8
56.8	L	04 5C3									56.8	-.2	-.4	179.1	315.1
57.5	S				F2	3					57.5	-.2	-.4	179.1	314.5
59.4	L	05 5D3									59.4	-.2	-.4	179.1	313.0
59.8	S				CS2				72.	185.	59.8	-.2	-.4	179.1	312.7
64.0	L	06 5B6									64.0	-.2	-.5	179.0	309.4
64.2	S				CS2				68.	185.	64.2	-.2	-.5	179.0	309.2
68.2	S				CS2				45.	185.	68.2	-.3	-.5	178.9	306.1
72.9	L	07 5C6									72.9	-.4	-.6	178.8	302.4
73.5	L	08 5D6									73.5	-.4	-.6	178.8	301.9
73.7	S				F2	E					73.7	-.4	-.6	178.8	301.7
73.9	S				CS2				80.	185.	73.9	-.4	-.6	178.8	301.6
75.8	L	09 5B6									75.8	-.4	-.6	178.8	300.1
79.7	S				CS2				65.	185.	79.7	-.5	-.7	178.7	297.0
84.6	S				CS2				80.	185.	84.6	-.5	-.8	178.7	293.1
85.2	S				F2	3					85.2	-.6	-.8	178.7	292.6
88.3	S				CS2				76.	185.	88.3	-.6	-.8	178.6	290.2
88.4	S				F2	E					88.4	-.6	-.8	178.6	290.1
88.7	L	10 5B0									88.7	-.6	-.8	178.6	289.9
91.0	S				CS2				76.	185.	91.0	-.7	-.8	178.6	288.1
91.4	S				F2	3					91.4	-.7	-.8	178.6	287.7

****
*   DDH: 77X-05   *   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	-.7	-.9	178.5	284.9
96.7	S				F2	E					96.7	-.8	-.9	178.5	283.6
100.1	S				CS2				67.	185.	100.1	-.9	-.9	178.4	280.9
103.8	S				F2	3					103.8	-1.0	-1.0	178.4	277.9
106.2	L	11 5B6									106.2	-1.0	-1.0	178.3	276.0
107.2	S				CS2				74.	185.	107.2	-1.0	-1.0	178.3	275.3
109.8	S				F2	E					109.8	-1.1	-1.1	178.3	273.2
113.1	S				CS2				68.	185.	113.1	-1.2	-1.1	178.2	270.6
114.1	S				F2	3					114.1	-1.2	-1.1	178.2	269.8
118.6	S				CS2				67.	185.	118.6	-1.4	-1.1	178.1	266.2
125.6	S				CS2				70.	185.	125.6	-1.6	-1.2	178.0	260.7
126.5	R										126.5	-1.6	-1.2	178.0	260.0
129.0	S				F2	E					129.0	-1.7	-1.2	178.0	259.8
133.2	S				CS2				69.	185.	133.2	-1.9	-1.2	177.9	259.5
139.5	S				CS2				80.	185.	139.5	-2.1	-1.3	177.8	259.1
141.6	S				F2	3					141.6	-2.2	-1.3	177.7	258.9
145.3	S				CS2				74.	185.	145.3	-2.3	-1.3	177.7	258.6
149.3	S				F2	E					149.3	-2.5	-1.4	177.6	258.3
150.1	L	12 5B6									150.1	-2.5	-1.4	177.6	258.3
151.4	L	13 5B0									151.4	-2.6	-1.4	177.5	258.2
151.5	S				CS2				81.	185.	151.5	-2.6	-1.4	177.5	258.2
152.8	S				F2	3					152.8	-2.6	-1.4	177.5	258.1
155.5	S				CS2				77.	185.	155.5	-2.7	-1.4	177.5	257.9
161.7	S				CS2				72.	185.	161.6	-3.0	-1.5	177.4	257.4
164.8	S				F2	E					164.7	-3.2	-1.5	177.3	257.2
166.9	S				CS2				81.	185.	166.8	-3.3	-1.5	177.3	257.1
169.6	S				F2	3					169.5	-3.4	-1.6	177.2	256.9
169.7	L	14 5B6									169.6	-3.4	-1.6	177.2	256.8
172.2	S				CS2				73.	185.	172.1	-3.5	-1.6	177.2	256.7
178.3	S				CS2				80.	185.	178.2	-3.8	-1.7	177.1	256.2
179.6	S				F2	E					179.5	-3.9	-1.7	177.0	256.1
181.3	S				CS2				55.	185.	181.2	-4.0	-1.7	177.0	256.0
181.3	R										181.2	-4.0	-1.7	177.0	256.0
182.5	L	15 5B0									182.4	-4.0	-1.7	177.0	255.4
186.5	S				CS2				75.	185.	186.4	-4.2	-1.8	176.9	253.6
186.7	S				F2	3					186.6	-4.2	-1.8	176.9	253.5
191.4	S				CS2				75.	185.	191.3	-4.5	-1.8	176.8	251.3
192.7	L	16 5B6									192.6	-4.5	-1.9	176.8	250.6

****
*   DDH: 77X-05   *   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			GEOCHM LOG				S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
199.0	S				CS2				80.	185.	198.9	-4.9	-2.0	176.7	247.7
200.3	L	17 5B0									200.2	-4.9	-2.0	176.7	247.1
211.0	L	18 0C0									210.9	-5.5	-2.3	176.5	242.0
211.6	S				CS2				70.	185.	211.5	-5.5	-2.3	176.5	241.8
216.4	S				CS2				60.	185.	216.3	-5.8	-2.5	176.4	239.5
222.9	S				CS2				78.	185.	222.8	-6.2	-2.7	176.3	236.5
223.6	S				F2	E					223.5	-6.2	-2.7	176.3	236.1
226.7	S				CS2				70.	185.	226.5	-6.4	-2.8	176.3	234.7
227.3	L	19 5B0									227.1	-6.4	-2.8	176.2	234.4
231.1	S				CS2				57.	185.	230.9	-6.6	-3.0	176.2	232.6
232.1	S				F2	3					231.9	-6.6	-3.0	176.2	232.1
236.2	S				CS2				69.	185.	236.0	-6.9	-3.2	176.1	230.2
239.3	S				F2	E					239.1	-7.0	-3.3	176.0	228.7
242.6	S				CS2				84.	185.	242.4	-7.2	-3.5	176.0	227.2
245.5	S				CS2				73.	185.	245.3	-7.3	-3.6	175.9	225.8
245.9	S				F2	3					245.7	-7.4	-3.7	175.9	225.6
251.9	S				CS2				82.	185.	251.7	-7.7	-4.0	175.8	222.8
252.2	L	20 5B0									252.0	-7.7	-4.0	175.8	222.7
252.6	L	21 5D3									252.4	-7.7	-4.0	175.8	222.5
257.0	S				F2	E					256.8	-7.9	-4.2	175.8	220.4
258.0	S				CS2				82.	185.	257.8	-8.0	-4.3	175.7	220.0
259.9	L	22 5B0									259.7	-8.0	-4.4	175.7	219.1
259.9	S				F2	3					259.7	-8.0	-4.4	175.7	219.1
262.3	L	23 5B6									262.1	-8.2	-4.6	175.7	217.9
263.4	L	24 5D3									263.2	-8.2	-4.6	175.7	217.4
263.9	L	25 5B6									263.7	-8.2	-4.6	175.6	217.2
264.2	S				CS2	S			72.	185.	264.0	-8.2	-4.7	175.6	217.0
265.8	L	26 5D3									265.5	-8.3	-4.8	175.6	216.3
272.8	R										272.5	-8.6	-5.2	175.5	213.0
273.4	S				CS2				71.	185.	273.1	-8.7	-5.2	175.5	213.4
278.0	S				IND						277.7	-8.9	-5.6	175.2	216.4
278.3	L	27 5B0									278.0	-8.9	-5.6	175.2	216.6
279.2	L	28 5D3									278.9	-8.9	-5.6	175.1	217.2
280.4	S				CS2	Z			55.	185.	280.1	-9.0	-5.7	175.1	218.0
281.9	S				F2	3					281.6	-9.1	-5.8	175.0	219.0
284.6	L	29 5B0									284.3	-9.2	-6.0	174.9	220.7
285.1	L	30 5D3									284.8	-9.3	-6.0	174.8	221.1
285.9	S				CS2	S			68.	185.	285.6	-9.3	-6.1	174.8	221.6
292.4	S				CS2	S			68.	185.	292.0	-9.7	-6.5	174.4	225.9
292.4	S				IND						292.0	-9.7	-6.5	174.4	225.9

****
* DDH: 77X-05 * 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 LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
297.8	S				CS2				72.	185.	297.4	-10.1	-6.9	174.1	229.4
299.9	L	31 5B0									299.5	-10.3	-7.0	174.0	230.8
302.2	L	32 5B6									301.8	-10.5	-7.2	173.9	232.3
303.9	S				CS2				70.	185.	303.5	-10.6	-7.3	173.8	233.4
309.0	S				CS2				80.	185.	308.6	-11.1	-7.6	173.5	236.8
316.7	S				CS2				75.	185.	316.2	-11.9	-8.1	173.1	241.8
321.3	S				CS2				70.	185.	320.8	-12.4	-8.3	172.8	244.8
326.0	S				F2	E					325.4	-12.9	-8.6	172.6	247.9
330.2	S				CS2				72.	185.	329.6	-13.4	-8.8	172.4	250.7
330.4	L	33 5B6									329.8	-13.4	-8.8	172.3	250.8
332.3	S				F2	3					331.7	-13.7	-8.8	172.2	252.1
336.7	S				CS2				82.	185.	336.0	-14.3	-9.0	172.0	254.9
338.5	L	34 5D3									337.8	-14.5	-9.1	171.9	256.1
339.8	S				F2	E					339.1	-14.7	-9.1	171.8	257.0
340.1	L	35 5B0									339.4	-14.7	-9.1	171.8	257.2
343.0	S				CS2				78.	185.	342.3	-15.1	-9.2	171.7	259.1
343.1	L	36 5B6									342.4	-15.1	-9.2	171.7	259.1
344.0	S				F2	3					343.3	-15.3	-9.2	171.6	259.7
349.0	S				CS2				82.	185.	348.2	-16.0	-9.4	171.3	263.0
352.5	L	37 5B0									351.7	-16.5	-9.4	171.1	265.3
354.2	L	38 5D3									353.3	-16.8	-9.4	171.0	266.4
355.6	S				CS2				77.	185.	354.7	-17.0	-9.4	171.0	267.4
360.3	L	39 5B0									359.4	-17.8	-9.5	170.7	270.4
360.3	S				CS2				66.	185.	359.4	-17.8	-9.5	170.7	270.4
362.0	L	40 5D3									361.0	-18.0	-9.5	170.6	271.6
364.2	R										363.2	-18.4	-9.4	170.5	273.0
365.7	S				CS2				79.	185.	364.7	-18.7	-9.4	170.5	273.2
369.1	S				F2	E					368.0	-19.2	-9.4	170.5	273.7
372.0	S				CS2				73.	185.	370.9	-19.7	-9.4	170.5	274.1
378.7	S				CS2				79.	185.	377.5	-20.8	-9.3	170.6	275.1
381.8	S				CS2				77.	185.	380.6	-21.3	-9.2	170.6	275.5
383.8	S				F2	3					382.5	-21.6	-9.2	170.6	275.8
388.0	S				CS2				82.	185.	386.7	-22.3	-9.1	170.6	276.4
388.3	S				F2	E					387.0	-22.3	-9.1	170.6	276.4
393.3	S				CS2				78.	185.	391.9	-23.2	-9.0	170.7	277.1
393.7	S				F2	3					392.3	-23.2	-9.0	170.7	277.2
399.0	S				CS2				70.	185.	397.5	-24.1	-8.9	170.7	277.9
402.1	S				F2	E					400.6	-24.6	-8.8	170.7	278.4
404.3	S				CS2				74.	185.	402.8	-24.9	-8.8	170.7	278.7
404.4	S				F2	3					402.9	-24.9	-8.8	170.7	278.7

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*     DDH:  77X-05     *    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.	405.4	-25.3	-8.7	170.7	279.1
407.1	S				F2	E					405.5	-25.4	-8.7	170.7	279.1
411.5	S				CS2				81.	185.	409.9	-26.1	-8.6	170.8	279.7
417.5	S				CS2				80.	185.	415.8	-27.0	-8.4	170.8	280.6
420.1	S				F2	E					418.4	-27.4	-8.3	170.8	280.9
423.7	S				CS2				58.	185.	421.9	-28.0	-8.2	170.8	281.5
430.7	S				CS2				80.	185.	428.8	-29.1	-8.0	170.9	282.4
431.5	S				F2	3					429.6	-29.2	-8.0	170.9	282.6
435.8	L	41 5B0									433.9	-29.9	-7.8	170.9	283.2
438.1	S				CS2				90.	185.	436.1	-30.2	-7.7	170.9	283.5
439.2	L	42 5C0									437.2	-30.4	-7.7	170.9	283.7
443.2	S				CS2				75.	185.	441.2	-31.0	-7.5	170.9	284.2
452.5	S				CS2				70.	185.	450.4	-32.4	-7.2	171.0	285.5
455.7	R										453.5	-32.9	-7.0	171.0	286.0
455.9	S				F2	E					453.7	-32.9	-7.0	171.0	286.0
458.7	S				CS2				65.	185.	456.5	-33.3	-6.9	171.0	286.6
462.3	S				F2	3					460.0	-33.9	-6.7	170.9	287.2
464.0	S				CS2				54.	185.	461.7	-34.1	-6.7	170.9	287.5
466.8	S				F2	E					464.5	-34.6	-6.5	170.9	288.1
470.0	S				CS2				75.	185.	467.6	-35.0	-6.4	170.8	288.7
471.5	L	43 5B0									469.1	-35.3	-6.3	170.8	288.9
474.9	S				CS2				75.	185.	472.5	-35.8	-6.1	170.8	289.6
477.8	L	44 5B6									475.3	-36.2	-5.9	170.8	290.1
480.9	S				CS2				77.	185.	478.4	-36.7	-5.8	170.7	290.7
482.4	S				F2	3					479.9	-36.9	-5.7	170.7	291.0
487.7	S				CS2				57.	185.	485.1	-37.7	-5.4	170.6	292.0
494.1	S				CS2				66.	185.	491.4	-38.7	-5.0	170.6	293.1
495.9	S				F2	E					493.2	-38.9	-4.9	170.6	293.5
499.8	S				CS2				61.	185.	497.1	-39.5	-4.6	170.5	294.2
501.0	S				F2	3					498.2	-39.7	-4.5	170.5	294.4
505.1	S				CS2				73.	185.	502.3	-40.3	-4.2	170.5	295.2
507.4	L	45 5B0									504.5	-40.7	-4.1	170.4	295.6
508.2	L	46 5D3									505.3	-40.8	-4.0	170.4	295.8
511.1	S				F2	E					508.2	-41.2	-3.8	170.4	296.3
511.2	L	47 5B6									508.3	-41.2	-3.8	170.4	296.3
514.2	S				CS2				74.	185.	511.3	-41.7	-3.6	170.4	296.9
519.7	S				CS2				70.	185.	516.7	-42.5	-3.1	170.3	297.9
526.2	S				CS2				61.	185.	523.1	-43.5	-2.6	170.2	299.1
534.7	S				CS2				70.	185.	531.5	-44.7	-1.9	170.1	300.7
534.9	L	48 5D3									531.7	-44.8	-1.9	170.1	300.7

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*   DDH: 77X-05   *   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	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
534.9	S				F2	3					531.7	-44.8	-1.9	170.1	300.7
538.2	S				CS2				81.	185.	534.9	-45.2	-1.6	170.1	301.3
540.5	L	49 5B6									537.2	-45.6	-1.4	170.1	301.8
541.6	S				F2	E					538.3	-45.7	-1.3	170.1	302.0
542.2	L	50 5CD									538.8	-45.8	-1.2	170.1	302.1
544.1	S				CS2				60.	185.	540.7	-46.1	-1.0	170.0	302.4
544.6	L	51 5DB									541.2	-46.2	-1.0	170.0	302.5
545.1	L	52 5C3									541.7	-46.3	-1.0	170.0	302.6
547.1	S				F2	3					543.7	-46.5	-.8	170.0	303.0
547.1	R										543.7	-46.5	-.8	170.0	303.0
551.6	S				CS2				62.	185.	548.1	-47.2	-.3	169.8	303.0
556.0	S				CS2				73.	185.	552.4	-47.9	.1	169.7	303.1
560.4	L	53 5DB									556.8	-48.5	.5	169.5	303.1
562.0	S				CS2				78.	185.	558.3	-48.8	.7	169.5	303.2
564.6	L	54 5C3									560.9	-49.2	.9	169.4	303.2
565.6	L	55 5B0									561.9	-49.3	1.0	169.3	303.2
567.6	S				F2	E					563.8	-49.6	1.3	169.3	303.2
567.7	S				CS2				75.	185.	563.9	-49.6	1.3	169.3	303.2
572.1	S				CS2				81.	185.	568.3	-50.3	1.7	169.1	303.3
572.9	S				F2	3					569.0	-50.5	1.8	169.1	303.3
575.2	S				CS2				85.	185.	571.3	-50.8	2.0	169.0	303.3
576.8	L	56 5DB									572.9	-51.1	2.2	168.9	303.3
577.1	S				F2	E					573.2	-51.1	2.2	168.9	303.3
580.5	L	57 5B6									576.5	-51.7	2.6	168.8	303.3
580.5	S				CS2				68.	185.	576.5	-51.7	2.6	168.8	303.3
586.7	S				CS2				75.	185.	582.6	-52.7	3.3	168.6	303.4
586.8	L	58 5DB									582.7	-52.7	3.3	168.6	303.4
589.7	S				F2	Z					585.5	-53.2	3.6	168.5	303.4
590.0	L	59 5D4									585.8	-53.2	3.6	168.5	303.4
590.5	P		2657	1.							586.3	-53.3	3.7	168.5	303.4
592.0	P		2658	2.							587.8	-53.6	3.8	168.4	303.5
592.8	S				PS2				57.	185.	588.6	-53.7	3.9	168.4	303.5
593.6	P		2659	1.							589.4	-53.9	4.0	168.3	303.5
594.3	L	60 4G0									590.0	-54.0	4.1	168.3	303.5
594.7	P		2660	1.							590.5	-54.0	4.2	168.3	303.5
595.2	L	61 4E6									590.9	-54.1	4.2	168.3	303.5
595.9	S				PS2				74.	185.	591.6	-54.2	4.3	168.3	303.5
596.2	P		2661	2.							591.9	-54.3	4.3	168.3	303.5
597.7	P		2662	1.							593.4	-54.6	4.5	168.2	303.5
598.3	L	62 4G0									593.9	-54.6	4.6	168.2	303.5

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*     DDH:  77X-05      *    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
599.1	S				F2	Z			80.	185.	594.7	-54.8	4.6	168.2	303.5
599.1	S				PS2						594.7	-54.8	4.6	168.2	303.5
599.2	S				F2	3					594.8	-54.8	4.7	168.2	303.5
599.3	P		2663	2.							594.9	-54.8	4.7	168.1	303.5
601.3	P		2664	2.							596.9	-55.2	4.9	168.1	303.5
602.1	S				CS2				65.	185.	597.7	-55.3	5.0	168.0	303.6
602.3	L	63 4C6									597.9	-55.3	5.0	168.0	303.6
603.3	P		2665	2.							598.8	-55.5	5.1	168.0	303.6
605.3	P		2666	2.							600.8	-55.9	5.4	167.9	303.6
606.3	L	64 4G0									601.8	-56.0	5.5	167.9	303.6
607.3	P		2667	2.							602.7	-56.2	5.6	167.9	303.6
608.3	L	65 4C6									603.7	-56.4	5.7	167.8	303.6
608.7	P		2668	1.							604.2	-56.5	5.8	167.8	303.6
609.2	L	66 5D9									604.6	-56.5	5.8	167.8	303.6
609.6	S				CS2				73.	185.	605.0	-56.6	5.9	167.8	303.6
614.4	L	67 5D4									609.7	-57.5	6.4	167.6	303.7
614.9	P		2669	1.							610.2	-57.5	6.5	167.6	303.7
616.0	S				CS2				56.	185.	611.2	-57.7	6.6	167.6	303.7
616.3	P		2670	2.							611.5	-57.8	6.6	167.5	303.7
617.2	L	68 4C7									612.4	-58.0	6.8	167.5	303.7
617.9	P		2671	1.							613.1	-58.1	6.8	167.5	303.7
618.5	L	69 4G0									613.7	-58.2	6.9	167.5	303.7
619.1	L	70 5D3									614.3	-58.3	7.0	167.4	303.7
620.1	P		2672	2.							615.3	-58.5	7.1	167.4	303.7
621.7	P		2673	1.							616.9	-58.8	7.3	167.4	303.8
622.4	L	71 4A0									617.5	-58.9	7.4	167.3	303.8
623.2	P		2674	2.							618.3	-59.1	7.5	167.3	303.8
624.1	L	72 4E0									619.2	-59.2	7.6	167.3	303.8
624.4	S				CS2				80.	185.	619.4	-59.3	7.6	167.3	303.8
625.2	P		2675	2.							620.2	-59.4	7.7	167.2	303.8
626.3	L	73 4A0									621.3	-59.6	7.9	167.2	303.8
627.1	P		2676	2.							622.0	-59.8	8.0	167.2	303.8
627.8	L	74 4E4									622.8	-59.9	8.0	167.1	303.8
631.3	L	75 5B4									626.2	-60.5	8.5	167.0	303.9
632.8	S				CS2				55.	185.	627.6	-60.8	8.7	167.0	303.9
635.5	L	76 5B6									630.3	-61.3	9.0	166.9	303.9
636.1	P		2677	1.							630.8	-61.4	9.1	166.8	303.9
636.2	L	77 4H1									630.9	-61.5	9.1	166.8	303.9
636.7	L	78 4E4									631.4	-61.6	9.2	166.8	303.9
638.9	S				CS2				76.	185.	633.6	-62.0	9.4	166.7	303.9
640.5	L	79 5B2									635.1	-62.3	9.6	166.7	303.9
641.7	P		2678	2.							636.3	-62.5	9.8	166.6	304.0

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* DDH: 77X-05 * 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	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
642.9	L	80 4C7									637.5	-62.7	10.0	166.6	304.0
645.5	S				CS2				75.	185.	640.0	-63.2	10.3	166.5	304.0
645.8	R										640.3	-63.3	10.3	166.5	304.0
647.0	L	81 5B1									641.5	-63.5	10.5	166.5	304.2
647.8	L	82 4C7									642.2	-63.7	10.6	166.5	304.3
649.5	L	83 5B1									643.9	-64.0	10.8	166.4	304.6
651.4	S				CS2				75.	185.	645.7	-64.4	11.1	166.4	304.9
657.7	S				CS2				82.	185.	651.9	-65.6	11.9	166.3	305.9
666.6	S				CS2				80.	185.	660.5	-67.3	13.2	166.1	307.4
666.8	L	84 5D3									660.7	-67.3	13.2	166.1	307.4
670.7	L	85 5B0									664.5	-68.1	13.8	166.0	308.0
670.9	S				F2	E					664.7	-68.1	13.8	166.0	308.1
671.5	L	86 5D3									665.2	-68.2	13.9	166.0	308.2
672.4	P		2679	2.							666.1	-68.4	14.1	166.0	308.3
673.2	L	87 4E8									666.9	-68.6	14.2	165.9	308.4
673.6	L	88 5D3									667.3	-68.6	14.3	165.9	308.5
674.3	P		2680	1.							668.0	-68.8	14.4	165.9	308.6
674.4	S				CS2				78.	185.	668.1	-68.8	14.4	165.9	308.6
675.0	L	89 4E8									668.6	-68.9	14.5	165.9	308.7
675.3	S				F2	3					668.9	-69.0	14.5	165.9	308.8
680.9	S				CS2				76.	185.	674.4	-70.0	15.4	165.8	309.7
687.0	S				CS2				59.	185.	680.3	-71.2	16.3	165.7	310.7
693.8	S				CS2				76.	185.	686.9	-72.4	17.5	165.5	311.8
699.1	S				CS2				75.	185.	692.0	-73.4	18.4	165.4	312.6
701.0	S				F2	M					693.8	-73.8	18.7	165.4	313.0
705.6	S				CS2				65.	185.	698.3	-74.6	19.5	165.3	313.7
706.7	L	90 5B1									699.3	-74.8	19.7	165.3	313.9
707.6	S				F2	M					700.2	-75.0	19.8	165.2	314.0
707.7	L	91 5B6									700.3	-75.0	19.9	165.2	314.0
708.4	P		2681	1.							700.9	-75.1	20.0	165.2	314.1
709.0	L	92 4C7									701.6	-75.2	20.1	165.2	314.2
710.0	P		2682	2.							702.5	-75.4	20.3	165.2	314.4
712.0	P		2683	2.							704.5	-75.8	20.6	165.2	314.7
712.0	S				CS2				60.	185.	704.5	-75.8	20.6	165.2	314.7
714.0	P		2684	2.							706.4	-76.2	21.0	165.1	315.1
715.4	L	93 4G1									707.8	-76.4	21.2	165.1	315.3
715.5	P		2685	1.							707.9	-76.4	21.3	165.1	315.3
716.0	L	94 4A0									708.3	-76.5	21.3	165.1	315.4
719.0	S				CS2				76.	185.	711.2	-77.1	21.9	165.0	315.9

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*   DDH: 77X-05   *   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	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
719.8	R										712.0	-77.2	22.0	165.0	316.0
725.6	S				CS2				62.	185.	717.6	-78.2	23.1	165.3	317.5
730.9	S				CS2				63.	185.	722.7	-79.1	24.1	165.6	318.9
734.7	S				CS2				68.	185.	726.4	-79.7	24.8	165.8	319.9
740.2	L	95 5BD									731.8	-80.6	25.9	166.1	321.4
741.3	P		2686	2.							732.8	-80.7	26.1	166.1	321.7
742.4	L	98 4E8									733.9	-80.9	26.3	166.2	321.9
744.6	S				CS2				69.	185.	736.0	-81.2	26.7	166.3	322.5
753.1	S				CS2				52.	185.	744.3	-82.4	28.3	166.8	324.8
758.9	S				CS2				60.	185.	749.9	-83.1	29.4	167.1	326.3
760.7	L	99 5DB									751.7	-83.4	29.7	167.2	326.8
762.2	L	00 5DB									753.2	-83.5	30.0	167.2	327.2
762.9	P		2687	1.							753.8	-83.6	30.1	167.3	327.3
763.4	L	01 4A0									754.3	-83.7	30.2	167.3	327.5
764.3	P		2688	2.							755.2	-83.8	30.4	167.3	327.7
765.8	S				CS2				55.	185.	756.7	-84.0	30.7	167.4	328.1
765.9	P		2689	2.							756.8	-84.0	30.7	167.4	328.1
766.6	L	02 4G0									757.5	-84.1	30.8	167.5	328.3
767.6	P		2690	2.							758.4	-84.2	31.0	167.5	328.6
768.5	L	03 4A0									759.3	-84.3	31.2	167.6	328.8
771.2	L	04 5DB									762.0	-84.6	31.7	167.7	329.5
771.4	S				CS2				68.	185.	762.1	-84.6	31.7	167.7	329.6
778.7	S				CS2				66.	185.	769.3	-85.3	33.0	168.1	331.5
785.4	S				CS2				52.	185.	775.8	-86.0	34.2	168.5	333.3
788.3	S				F2	E					778.7	-86.2	34.7	168.6	334.0
790.3	S				CS2				72.	185.	780.6	-86.4	35.1	168.7	334.6
795.8	R										786.0	-86.8	36.1	169.0	336.0
800.1	S				CS2				70.	185.	790.3	-87.2	36.8	169.1	337.0
807.4	S				CS2				68.	185.	797.4	-87.7	38.1	169.3	338.8
815.0	S				CS2				78.	185.	804.9	-88.2	39.4	169.5	340.6
822.2	L	05 5DB									812.0	-88.6	40.6	169.7	342.4
822.3	S				CS2				70.	185.	812.1	-88.6	40.6	169.7	342.4
825.5	L	06 4C7									815.2	-88.8	41.2	169.8	343.2
827.7	L	07 5DB									817.4	-88.9	41.6	169.8	343.7
829.2	P		2691	3.							818.9	-88.9	41.8	169.8	344.1
829.6	S				PS2				68.	185.	819.3	-89.0	41.9	169.9	344.2
832.2	P		2692	3.							821.9	-89.1	42.3	169.9	344.8
835.5	P		2693	3.							825.0	-89.2	42.9	170.0	345.6

****
* DDH: 77X-05 * 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
837.1	L	08 4C7									826.7	-89.3	43.1	170.1	346.0
837.2	S				PS2				80.	185.	826.8	-89.3	43.2	170.1	346.0
843.0	S				F2	3					832.5	-89.5	44.1	170.2	347.4
843.1	S				CS2				68.	185.	832.6	-89.5	44.2	170.2	347.4
849.1	S				CS2				73.	185.	838.5	-89.7	45.1	170.4	348.9
850.3	L	09 5D6									839.7	-89.8	45.3	170.4	349.2
853.9	L	10 5A*									843.2	-89.9	45.9	170.5	350.0
855.2	S				CS2				59.	185.	844.5	-89.9	46.1	170.5	350.4
860.5	S				CS2				54.	185.	849.7	-90.1	47.0	170.6	351.6
864.8	L	11 3G0									854.0	-90.1	47.7	170.8	352.7
865.8	L	12 3D1									855.0	-90.2	47.8	170.8	352.9
867.3	L	13 3C0									856.4	-90.2	48.1	170.8	353.3
867.7	S				CS2				79.	185.	856.8	-90.2	48.1	170.8	353.4
873.7	S				CS2				62.	185.	862.8	-90.3	49.1	171.0	354.8
874.4	R										863.4	-90.3	49.2	171.0	355.0
877.2	L	14 3D1									866.2	-90.4	49.6	171.0	355.0
878.9	S				CS2				79.	185.	867.9	-90.4	49.9	171.0	355.0
879.4	L	15 3F0									868.4	-90.4	50.0	171.0	355.0
879.4	R										868.4	-90.4	50.0	171.0	355.0

FINISHED -- LENGTH = 879.40 METERS ENTRIES = 420

```
 STOP FINISHED
SRU'S:59.9
!*
!DEFINE 77X05D.PF KEY:0 ON:SPN
!EQUATE 20 77X05D.PF
!DDHPLT.DH
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***********************
*     DDH:  77X-05      *     PLOT OF CORRECTED DRILLHOLE DATA
***********************
```

DATA READ COMPLETED -- CARDS = 420
POINTS = 419   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

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			

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PROGRAM COMMAND:  PLOTA,2000,005


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

                           PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                           PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                           X-AXIS PLOT LIMITS:   -.22 -    .83 (INCHES)
                           Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

                           BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 419

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

PROGRAM COMMAND:  PLOTB,2000,005


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

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

                           PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                           X-AXIS PLOT LIMITS:   -.22 -    .83 (INCHES)
                           Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

                           BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 419
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****
* DDH: 77X-05 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

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

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

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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	-17.4	-.19	-.06
231.1	176.2	232.6						57.	185.	30.3	185.0	-30.3	-.17	-.10
236.2	176.1	230.2						69.	185.	18.1	185.0	-18.1	-.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	-13.7	-.19	-.05
251.9	175.8	222.8						82.	185.	4.3	185.0	-4.3	-.20	-.01
258.0	175.7	220.0						82.	185.	4.1	185.0	-4.1	-.20	-.01
264.2	175.6	217.0						72.	185.	14.1	185.0	-14.1	-.19	-.05
273.4	175.5	213.4						71.	185.	14.9	185.0	-14.9	-.19	-.05
280.4	175.1	218.0						55.	185.	30.8	185.0	-30.8	-.17	-.10
285.9	174.8	221.6						68.	185.	17.6	185.0	-17.6	-.19	-.06
292.4	174.4	225.9						68.	185.	17.5	185.0	-17.5	-.19	-.06
297.8	174.1	229.4						72.	185.	13.3	185.0	-13.3	-.19	-.05
303.9	173.8	233.4						70.	185.	15.4	185.0	-15.4	-.19	-.05
309.0	173.5	236.8						80.	185.	4.6	185.0	-4.6	-.20	-.02
316.7	173.1	241.8						75.	185.	10.1	185.0	-10.1	-.20	-.03
321.3	172.8	244.8						70.	185.	15.4	185.0	-15.4	-.19	-.05
330.2	172.4	250.7						72.	185.	13.5	185.0	-13.5	-.19	-.05
336.7	172.0	254.9						82.	185.					
343.0	171.7	259.1						78.	185.	6.7	185.0	-6.7	-.20	-.02
349.0	171.3	263.0						82.	185.					
355.6	171.0	267.4						77.	185.	8.3	185.0	-8.3	-.20	-.03
360.3	170.7	270.4						66.	185.	21.5	185.0	-21.5	-.19	-.07
365.7	170.5	273.2						79.	185.	5.6	185.0	-5.6	-.20	-.02
372.0	170.5	274.1						73.	185.	14.2	185.0	-14.2	-.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	-9.0	-.20	-.03
388.0	170.6	276.4						82.	185.					
393.3	170.7	277.1						78.	185.	7.6	185.0	-7.6	-.20	-.03
399.0	170.7	277.9						70.	185.	17.8	185.0	-17.8	-.19	-.06
404.3	170.7	278.7						74.	185.	13.1	185.0	-13.1	-.19	-.05
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	-31.9	-.17	-.11
430.7	170.9	282.4						80.	185.	4.5	185.0	-4.5	-.20	-.02
438.1	170.9	283.5						90.	185.					
443.2	170.9	284.2						75.	185.	13.5	185.0	-13.5	-.19	-.05
452.5	171.0	285.5						70.	185.	19.7	185.0	-19.7	-.19	-.07
458.7	171.0	286.6						65.	185.	25.3	185.0	-25.3	-.18	-.09
464.0	170.9	287.5						54.	185.	37.0	185.0	-37.0	-.16	-.12

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

PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

			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
470.0	170.8	288.7						75.	185.	14.3	185.0	-14.3	-.19	-.05
474.9	170.8	289.6						75.	185.	14.5	185.0	-14.5	-.19	-.05
480.9	170.7	290.7						77.	185.	12.0	185.0	-12.0	-.20	-.04
487.7	170.6	292.0						57.	185.	34.7	185.0	-34.7	-.16	-.11
494.1	170.6	293.1						66.	185.	25.3	185.0	-25.3	-.18	-.09
499.8	170.5	294.2						61.	185.	30.8	185.0	-30.8	-.17	-.10
505.1	170.5	295.2						73.	185.	17.8	185.0	-17.8	-.19	-.06
514.2	170.4	296.9						74.	185.	17.0	185.0	-17.0	-.19	-.06
519.7	170.3	297.9						70.	185.	21.8	185.0	-21.8	-.19	-.07
526.2	170.2	299.1						61.	185.	31.7	185.0	-31.7	-.17	-.11
534.7	170.1	300.7						70.	185.	22.3	185.0	-22.3	-.19	-.08
538.2	170.1	301.3						81.	185.	4.7	185.0	-4.7	-.20	-.02
544.1	170.0	302.4						60.	185.	33.4	185.0	-33.4	-.17	-.11
551.6	169.8	303.0						62.	185.	31.5	185.0	-31.5	-.17	-.10
556.0	169.7	303.1						73.	185.	19.3	185.0	-19.3	-.19	-.07
562.0	169.5	303.2						78.	185.	12.7	185.0	-12.7	-.20	-.04
567.7	169.3	303.2						75.	185.	16.8	185.0	-16.8	-.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	-25.1	-.18	-.08
586.7	168.6	303.4						75.	185.	16.7	185.0	-16.7	-.19	-.06
592.8	168.4	303.5						57.	185.	37.2	185.0	-37.2	-.16	-.12
595.9	168.3	303.5						74.	185.	18.0	185.0	-18.0	-.19	-.06
599.1	168.2	303.5						80.	185.					
602.1	168.0	303.6						65.	185.	28.6	185.0	-28.6	-.18	-.10
609.6	167.8	303.6						73.	185.	19.2	185.0	-19.2	-.19	-.07
616.0	167.6	303.7						56.	185.	38.4	185.0	-38.4	-.16	-.12
624.4	167.3	303.8						80.	185.					
632.8	167.0	303.9						55.	185.	39.7	185.0	-39.7	-.15	-.13
638.9	166.7	303.9						76.	185.	14.4	185.0	-14.4	-.19	-.05
645.5	166.5	304.0						75.	185.	16.0	185.0	-16.0	-.19	-.06
651.4	166.4	304.9						75.	185.	16.3	185.0	-16.3	-.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	-5.3	-.20	-.02
										10.6	185.0	-10.6	-.20	-.04
680.9	165.8	309.7						76.	185.	.4	185.0	-.4	-.20	-.00
										16.0	185.0	-16.0	-.19	-.06
687.0	165.7	310.7						59.	185.	37.4	185.0	-37.4	-.16	-.12
693.8	165.5	311.8						76.	185.	.9	185.0	-.9	-.20	-.00
										16.7	185.0	-16.7	-.19	-.06

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*************************
*     DDH:  77X-05      *   ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
*************************
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PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

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	-18.7	-.19	-.06
705.6	165.3	313.7						65.	185.	31.7	185.0	-31.7	-.17	-.11
712.0	165.2	314.7						60.	185.	37.5	185.0	-37.5	-.16	-.12
719.0	165.0	315.9						76.	185.	1.6	185.0	-1.6	-.20	-.01
										18.3	185.0	-18.3	-.19	-.06
725.6	165.3	317.5						62.	185.	36.0	185.0	-36.0	-.16	-.12
730.9	165.6	318.9						63.	185.	35.2	185.0	-35.2	-.16	-.12
734.7	165.8	319.9						68.	185.	29.8	185.0	-29.8	-.17	-.10
744.6	166.3	322.5						69.	185.	29.1	185.0	-29.1	-.17	-.10
753.1	166.8	324.8						52.	185.	47.3	185.0	-47.3	-.14	-.15
758.9	167.1	326.3						60.	185.	39.1	185.0	-39.1	-.16	-.13
765.8	167.4	328.1						55.	185.	44.4	185.0	-44.4	-.14	-.14
771.4	167.7	329.6						68.	185.	31.0	185.0	-31.0	-.17	-.10
778.7	168.1	331.5						66.	185.	33.1	185.0	-33.1	-.17	-.11
785.4	168.5	333.3						52.	185.	47.4	185.0	-47.4	-.14	-.15
790.3	168.7	334.6						72.	185.	26.9	185.0	-26.9	-.18	-.09
800.1	169.1	337.0						70.	185.	29.0	185.0	-29.0	-.17	-.10
807.4	169.3	338.8						68.	185.	31.1	185.0	-31.1	-.17	-.10
815.0	169.5	340.6						78.	185.	20.8	185.0	-20.8	-.19	-.07
822.3	169.7	342.4						70.	185.	29.1	185.0	-29.1	-.17	-.10
829.6	169.9	344.2						68.	185.	31.2	185.0	-31.2	-.17	-.10
837.2	170.1	346.0						80.	185.	18.8	185.0	-18.8	-.19	-.06
843.1	170.2	347.4						68.	185.	31.2	185.0	-31.2	-.17	-.10
849.1	170.4	348.9						73.	185.	26.0	185.0	-26.0	-.18	-.09
855.2	170.5	350.4						59.	185.	40.1	185.0	-40.1	-.15	-.13
860.5	170.6	351.6						54.	185.	45.1	185.0	-45.1	-.14	-.14
867.7	170.8	353.4						79.	185.	19.9	185.0	-19.9	-.19	-.07
873.7	171.0	354.8						62.	185.	36.8	185.0	-36.8	-.16	-.12
878.9	171.0	355.0						79.	185.	19.8	185.0	-19.8	-.19	-.07

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

```
PROGRAM COMMAND:  PLOTA,2000,095

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

                 PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                 PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                 X-AXIS PLOT LIMITS:  -1.86 -    .00 (INCHES)
                 Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

                 BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 419

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

PROGRAM COMMAND:  PLOTB,2000,095

            ************************
            *    DDH:  77X-05     *     START PLOT NUMBER  4
            ************************

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

                 PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                 X-AXIS PLOT LIMITS:  -1.86 -    .00 (INCHES)
                 Y-AXIS BOREHOLE LENGTH:  17.09 (INCHES)

                 BOREHOLE LIMITS FOR PLOTTING:    0.  -   879.4 METERS     J =   1 - 419
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************************
*    DDH:  77X-05      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************

PROJECTION PLANE AZIMUTH =  95.0      VIEW AZIMUTH =    5.0
```

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA DIPD	S1 CALCULATED DIP DIPD AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
5.1	179.9	356.0			72.	185.	18.0	185.0	-.0	-.20	-.00
10.0	179.8	352.1			71.	185.	19.0	185.0	-.0	-.20	-.00
16.6	179.7	346.9			70.	185.	20.0	185.0	-.0	-.20	-.00
21.8	179.7	342.8			61.	185.	29.0	185.0	-.0	-.20	-.00
26.7	179.6	338.9			80.	185.	10.0	185.0	-.0	-.20	-.00
30.0	179.5	336.3			72.	185.	18.0	185.0	-.0	-.20	-.00
35.2	179.4	332.2			85.	185.					
40.8	179.4	327.7			78.	185.	12.0	185.0	-.0	-.20	-.00
42.7	179.3	326.2			77.	185.	13.0	185.0	-.0	-.20	-.00
49.0	179.2	321.3			80.	185.	10.0	185.0	-.0	-.20	-.00
54.4	179.1	317.0			75.	185.	15.0	185.0	-.0	-.20	-.00
59.8	179.1	312.7			72.	185.	18.0	185.0	-.0	-.20	-.00
64.2	179.0	309.2			68.	185.	22.5	185.0	-.0	-.20	-.00
68.2	178.9	306.1			45.	185.	45.6	185.0	-.0	-.20	-.00
73.9	178.8	301.6			80.	185.	10.0	185.0	-.0	-.20	-.00
79.7	178.7	297.0			65.	185.	25.5	185.0	-.0	-.20	-.00
84.6	178.7	293.1			80.	185.	9.9	185.0	-.0	-.20	-.00
88.3	178.6	290.2			76.	185.	13.9	185.0	-.0	-.20	-.00
91.0	178.6	288.1			76.	185.	13.9	185.0	-.0	-.20	-.00
95.0	178.5	284.9			65.	185.	25.0	185.0	-.0	-.20	-.00
100.1	178.4	280.9			67.	185.	22.9	185.0	-.0	-.20	-.00
107.2	178.3	275.3			74.	185.	15.9	185.0	-.0	-.20	-.00
113.1	178.2	270.6			68.	185.	21.9	185.0	-.0	-.20	-.00
118.6	178.1	266.2			67.	185.	22.9	185.0	-.0	-.20	-.00
125.6	178.0	260.7			70.	185.	19.9	185.0	-.0	-.20	-.00
133.2	177.9	259.5			69.	185.	20.3	185.0	-.0	-.20	-.00
139.5	177.8	259.1			80.	185.					
145.3	177.7	258.6			74.	185.	15.2	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
166.9	177.3	257.1			81.	185.					
172.2	177.2	256.7			73.	185.	15.9	185.0	-.0	-.20	-.00
178.3	177.1	256.2			80.	185.					
181.3	177.0	256.0			55.	185.	33.9	185.0	-.0	-.20	-.00
186.5	176.9	253.6			75.	185.	13.6	185.0	-.0	-.20	-.00
191.4	176.8	251.3			75.	185.	13.4	185.0	-.0	-.20	-.00
199.0	176.7	247.7			80.	185.	8.0	185.0	-.0	-.20	-.00
211.6	176.5	241.8			70.	185.	17.9	185.0	-.0	-.20	-.00
216.4	176.4	239.5			60.	185.	27.8	185.0	-.0	-.20	-.00
222.9	176.3	236.5			78.	185.	9.3	185.0	-.0	-.20	-.00

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*************************
*    DDH:  77X-05       *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
*************************
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
226.7	176.3	234.7						70.	185.	17.4	185.0	-.0	-.20	-.00
231.1	176.2	232.6						57.	185.	30.3	185.0	-.0	-.20	-.00
236.2	176.1	230.2						69.	185.	18.1	185.0	-.0	-.20	-.00
242.6	176.0	227.2						84.	185.	2.4	185.0	-.0	-.20	-.00
245.5	175.9	225.8						73.	185.	13.7	185.0	-.0	-.20	-.00
251.9	175.8	222.8						82.	185.	4.3	185.0	-.0	-.20	-.00
258.0	175.7	220.0						82.	185.	4.1	185.0	-.0	-.20	-.00
264.2	175.6	217.0						72.	185.	14.1	185.0	-.0	-.20	-.00
273.4	175.5	213.4						71.	185.	14.9	185.0	-.0	-.20	-.00
280.4	175.1	218.0						55.	185.	30.8	185.0	-.0	-.20	-.00
285.9	174.8	221.6						68.	185.	17.6	185.0	-.0	-.20	-.00
292.4	174.4	225.9						68.	185.	17.5	185.0	-.0	-.20	-.00
297.8	174.1	229.4						72.	185.	13.3	185.0	-.0	-.20	-.00
303.9	173.8	233.4						70.	185.	15.4	185.0	-.0	-.20	-.00
309.0	173.5	236.8						80.	185.	4.6	185.0	-.0	-.20	-.00
316.7	173.1	241.8						75.	185.	10.1	185.0	-.0	-.20	-.00
321.3	172.8	244.8						70.	185.	15.4	185.0	-.0	-.20	-.00
330.2	172.4	250.7						72.	185.	13.5	185.0	-.0	-.20	-.00
336.7	172.0	254.9						82.	185.					
343.0	171.7	259.1						78.	185.	6.7	185.0	-.0	-.20	-.00
349.0	171.3	263.0						82.	185.					
355.6	171.0	267.4						77.	185.	8.3	185.0	-.0	-.20	-.00
360.3	170.7	270.4						66.	185.	21.5	185.0	-.0	-.20	-.00
365.7	170.5	273.2						79.	185.	5.6	185.0	-.0	-.20	-.00
372.0	170.5	274.1						73.	185.	14.2	185.0	-.0	-.20	-.00
378.7	170.6	275.1						79.	185.	5.7	185.0	-.0	-.20	-.00
381.8	170.6	275.5						77.	185.	9.0	185.0	-.0	-.20	-.00
388.0	170.6	276.4						82.	185.					
393.3	170.7	277.1						78.	185.	7.6	185.0	-.0	-.20	-.00
399.0	170.7	277.9						70.	185.	17.8	185.0	-.0	-.20	-.00
404.3	170.7	278.7						74.	185.	13.1	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
423.7	170.8	281.5						58.	185.	31.9	185.0	-.0	-.20	-.00
430.7	170.9	282.4						80.	185.	4.5	185.0	-.0	-.20	-.00
438.1	170.9	283.5						90.	185.					
443.2	170.9	284.2						75.	185.	13.5	185.0	-.0	-.20	-.00
452.5	171.0	285.5						70.	185.	19.7	185.0	-.0	-.20	-.00
458.7	171.0	286.6						65.	185.	25.3	185.0	-.0	-.20	-.00
464.0	170.9	287.5						54.	185.	37.0	185.0	-.0	-.20	-.00

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************************
*     DDH:  77X-05     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

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	-.0	-.20	-.00
474.9	170.8	289.6						75.	185.	14.5	185.0	-.0	-.20	-.00
480.9	170.7	290.7						77.	185.	12.0	185.0	-.0	-.20	-.00
487.7	170.6	292.0						57.	185.	34.7	185.0	-.0	-.20	-.00
494.1	170.6	293.1						66.	185.	25.3	185.0	-.0	-.20	-.00
499.8	170.5	294.2						61.	185.	30.8	185.0	-.0	-.20	-.00
505.1	170.5	295.2						73.	185.	17.8	185.0	-.0	-.20	-.00
514.2	170.4	296.9						74.	185.	17.0	185.0	-.0	-.20	-.00
519.7	170.3	297.9						70.	185.	21.8	185.0	-.0	-.20	-.00
526.2	170.2	299.1						61.	185.	31.7	185.0	-.0	-.20	-.00
534.7	170.1	300.7						70.	185.	22.3	185.0	-.0	-.20	-.00
538.2	170.1	301.3						81.	185.	4.7	185.0	-.0	-.20	-.00
544.1	170.0	302.4						60.	185.	33.4	185.0	-.0	-.20	-.00
551.6	169.8	303.0						62.	185.	31.5	185.0	-.0	-.20	-.00
556.0	169.7	303.1						73.	185.	19.3	185.0	-.0	-.20	-.00
562.0	169.5	303.2						78.	185.	12.7	185.0	-.0	-.20	-.00
567.7	169.3	303.2						75.	185.	16.8	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
586.7	168.6	303.4						75.	185.	16.7	185.0	-.0	-.20	-.00
592.8	168.4	303.5						57.	185.	37.2	185.0	-.0	-.20	-.00
595.9	168.3	303.5						74.	185.	18.0	185.0	-.0	-.20	-.00
599.1	168.2	303.5						80.	185.					
602.1	168.0	303.6						65.	185.	28.6	185.0	-.0	-.20	-.00
609.6	167.8	303.6						73.	185.	19.2	185.0	-.0	-.20	-.00
616.0	167.6	303.7						56.	185.	38.4	185.0	-.0	-.20	-.00
624.4	167.3	303.8						80.	185.					
632.8	167.0	303.9						55.	185.	39.7	185.0	-.0	-.20	-.00
638.9	166.7	303.9						76.	185.	14.4	185.0	-.0	-.20	-.00
645.5	166.5	304.0						75.	185.	16.0	185.0	-.0	-.20	-.00
651.4	166.4	304.9						75.	185.	16.3	185.0	-.0	-.20	-.00
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	-.0	-.20	-.00
										10.6	185.0	-.0	-.20	-.00
680.9	165.8	309.7						76.	185.	.4	185.0	-.0	-.20	-.00
										16.0	185.0	-.0	-.20	-.00
687.0	165.7	310.7						59.	185.	37.4	185.0	-.0	-.20	-.00
693.8	165.5	311.8						76.	185.	.9	185.0	-.0	-.20	-.00
										16.7	185.0	-.0	-.20	-.00

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

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

			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
699.1	165.4	312.6						75.	185.	18.7	185.0	-.0	-.20	-.00
705.6	165.3	313.7						65.	185.	31.7	185.0	-.0	-.20	-.00
712.0	165.2	314.7						60.	185.	37.5	185.0	-.0	-.20	-.00
719.0	165.0	315.9						76.	185.	1.6	185.0	-.0	-.20	-.00
										18.3	185.0	-.0	-.20	-.00
725.6	165.3	317.5						62.	185.	36.0	185.0	-.0	-.20	-.00
730.9	165.6	318.9						63.	185.	35.2	185.0	-.0	-.20	-.00
734.7	165.8	319.9						68.	185.	29.8	185.0	-.0	-.20	-.00
744.6	166.3	322.5						69.	185.	29.1	185.0	-.0	-.20	-.00
753.1	166.8	324.8						52.	185.	47.3	185.0	-.0	-.20	-.00
758.9	167.1	326.3						60.	185.	39.1	185.0	-.0	-.20	-.00
765.8	167.4	328.1						55.	185.	44.4	185.0	-.0	-.20	-.00
771.4	167.7	329.6						68.	185.	31.0	185.0	-.0	-.20	-.00
778.7	168.1	331.5						66.	185.	33.1	185.0	-.0	-.20	-.00
785.4	168.5	333.3						52.	185.	47.4	185.0	-.0	-.20	-.00
790.3	168.7	334.6						72.	185.	26.9	185.0	-.0	-.20	-.00
800.1	169.1	337.0						70.	185.	29.0	185.0	-.0	-.20	-.00
807.4	169.3	338.8						68.	185.	31.1	185.0	-.0	-.20	-.00
815.0	169.5	340.6						78.	185.	20.8	185.0	-.0	-.20	-.00
822.3	169.7	342.4						70.	185.	29.1	185.0	-.0	-.20	-.00
829.6	169.9	344.2						68.	185.	31.2	185.0	-.0	-.20	-.00
837.2	170.1	346.0						80.	185.	18.8	185.0	-.0	-.20	-.00
843.1	170.2	347.4						68.	185.	31.2	185.0	-.0	-.20	-.00
849.1	170.4	348.9						73.	185.	26.0	185.0	-.0	-.20	-.00
855.2	170.5	350.4						59.	185.	40.1	185.0	-.0	-.20	-.00
860.5	170.6	351.6						54.	185.	45.1	185.0	-.0	-.20	-.00
867.7	170.8	353.4						79.	185.	19.9	185.0	-.0	-.20	-.00
873.7	171.0	354.8						62.	185.	36.8	185.0	-.0	-.20	-.00
878.9	171.0	355.0						79.	185.	19.8	185.0	-.0	-.20	-.00

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

```
 STOP ALL PLOTS FINISHED
SRU'S:47.4
!OFF
USAGE ON 11/15/77 AT 16:15:58
SRU'S:111.8      ELAPSED TIME: 00:01:58
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77-X-06

GPS PQS001,,DRHOLE AT: 11/15/77 16:43:54 JOB: 24855 UU 40-01-048 8888888888 8

```
!EQUATE 1 77X06D.FD
!DEFINE 77X06D.TD KEY:
!EQUATE 2 77X06D.TD
!DDHCOR.DH
```

```
************************
*     DDH:  77X-06     *
************************

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
         1........0.........0.........0.........0.........0.
     1   T77X-06  01076.22264842100320253 METERS
     2   R77X-06  00000          180.0 000.0 AT COLLAR  VERTICAL
     3   R77X-06  00622          179.0 338.0
     4   R77X-06  01536          171.5 303.0
     5   R77X-06  02450          170.0 308.0
     6   R77X-06  03365          170.5 313.0
     7   R77X-06  04279          172.0 308.0
     8   R77X-06  05178          171.5 323.0
     9   R77X-06  06108          171.0 323.0
    10   R77X-06  07022          169.0 330.0
    11   R77X-06  07937          165.5 314.0
    12   L77X-06  00000 00229 01    #
    13   L77X-06  00229 00357 02 5B0
    14   L77X-06  00357 00788 03 5B0
    15   L77X-06  00788 00938 04 5B6
    16   L77X-06  00938 01035 05 5B0
    17   L77X-06  01035 01068 06 5D3
    18   L77X-06  01068 01100 07 5B6
    19   L77X-06  01100 01129 08 5D3
    20   L77X-06  01129 01166 09 5B0
    21   L77X-06  01166 01840 10 5B6
    22   L77X-06  01840 02170 11 5B0
    23   L77X-06  02170 02361 12 5B6
    24   L77X-06  02361 02999 13 5B0
    25   L77X-06  02999 03052 14 5D3
    26   L77X-06  03052 03278 15 5B0
    27   L77X-06  03278 03311 16 5D3
    28   L77X-06  03311 03338 17 5B6
    29   L77X-06  03338 03378 18 5D6
    30   L77X-06  03378 03627 19 0C9
    31   L77X-06  03627 03703 20 0C0
    32   L77X-06  03703 03851 21 5B0
    33   L77X-06  03851 03894 22 5B6
    34   L77X-06  03894 03984 23 5B0
    35   L77X-06  03984 04154 24 5B7
    36   L77X-06  04154 04182 25 5D3
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                 1         2         3         4         5
         1.......0.........0.........0.........0.........0.
    37   L77X-06   04182 04272 26 5B7
    38   L77X-06   04272 04275 27 5D6
    39   L77X-06   04275 04287 28 4C0
    40   L77X-06   04287 04343 29 5D3
    41   L77X-06   04343 04344 30 4C7
    42   L77X-06   04344 04359 31 5D3
    43   L77X-06   04359 04366 32 4E4
    44   L77X-06   04366 04385 33 5D3
    45   L77X-06   04385 04428 34 4C0
    46   L77X-06   04428 04432 35 5B8
    47   L77X-06   04432 04447 36 4C4
    48   L77X-06   04447 04481 37 5D3
    49   L77X-06   04481 04526 38 5B0
    50   L77X-06   04526 04555 39 4C0
    51   L77X-06   04555 04627 40 4K0
    52   L77X-06   04627 04655 41 5B0
    53   L77X-06   04655 04750 42 5B7
    54   L77X-06   04750 05038 43 5B7
    55   L77X-06   05038 05413 44 5B6
    56   L77X-06   05413 05522 45 4A1
    57   L77X-06   05522 05568 46 5B6
    58   L77X-06   05568 05571 47 5D3
    59   L77X-06   05571 05633 48 4A1
    60   L77X-06   05625 05766 49 5A0
    61   L77X-06   05766 05795 50 4A0
    62   L77X-06   05795 05837 51 5A0
    63   L77X-06   05837 05865 52 4C0
    64   L77X-06   05865 05884 53 4E1
    65   L77X-06   05884 05934 54 4G0
    66   L77X-06   05934 05948 55 4E1
    67   L77X-06   05948 05977 56 4A0
    68   L77X-06   05977 05993 57 4G1
    69   L77X-06   05993 06001 58 4C0
    70   L77X-06   06001 06046 59 4G1
    71   L77X-06   06046 06051 60 5F9
    72   L77X-06   06051 06076 61 4D6
    73   L77X-06   06076 06085 62 4A1
    74   L77X-06   06085 06113 63 4D0
    75   L77X-06   06113 06121 64 4E6
    76   L77X-06   06121 06148 65 5B4
    77   L77X-06   06148 06177 66 5B6
    78   L77X-06   06177 06203 67 4B0
         1.......1.........2.........3.........4.........5
                 0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                    1         2         3         4         5
           1........0.........0.........0.........0.........0.
      79   L77X-06   06203 06425 68 5B7
      80   L77X-06   06425 06516 69 5D3
      81   L77X-06   06516 06640 70 5B6
      82   L77X-06   06640 06664 71 5D3
      83   L77X-06   06664 06679 72 5G3
      84   L77X-06   06679 06699 73 5D3
      85   L77X-06   06699 06717 74 5G3
      86   L77X-06   06717 06754 75 5B0
      87   L77X-06   06754 06834 76 5D3
      88   L77X-06   06834 06922 77 5B0
      89   L77X-06   06922 06937 78 5A*
      90   L77X-06   06937 07360 79 5B6
      91   L77X-06   07360 07383 80 5A0
      92   L77X-06   07383 07816 81 5B6
      93   L77X-06   07816 07833 82 5D4
      94   L77X-06   07833 07864 83 5D6
      95   L77X-06   07864 07891 84 5D6
      96   L77X-06   07891 07948 85 5D6
      97   L77X-06   07948 08010 86 5B6
      98   S77X-06         00234 CS2         70185
      99   S77X-06         00308 CS2         73185
     100   S77X-06         00382 CS2         64185
     101   S77X-06         00451 CS2         72185
     102   S77X-06         00511 CS2         74185
     103   S77X-06         00556 CS2         79185
     104   S77X-06         00611 CS2         73185
     105   S77X-06         00672 CS2         77185
     106   S77X-06         00742 CS2         80185
     107   S77X-06         00798 CS2         81185
     108   S77X-06         00844 CS2         75185
     109   S77X-06         00906 CS2         58185
     110   S77X-06         00949 CS2         78185
     111   S77X-06         01000  F2 E
     112   S77X-06         01009 CS2         74185
     113   S77X-06         01075 CS2         71185
     114   S77X-06         01077  F2 3
     115   S77X-06         01137 CS2         81185
     116   S77X-06         01184 CS2         78185
     117   S77X-06         01231  F2 E
     118   S77X-06         01236 CS2         78185
     119   S77X-06         01284 CS2         75185
     120   S77X-06         01293  F2 3
           1........1.........2.........3.........4.........5
                    0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
    121  S77X-06          01356 CS2        78185
    122  S77X-06          01423 CS2        56185
    123  S77X-06          01473 CS2        68185
    124  S77X-06          01518 CS2        69185
    125  S77X-06          01582 CS2        65185
    126  S77X-06          01637 CS2        80185
    127  S77X-06          01659  F2 E
    128  S77X-06          01709 CS2        82185
    129  S77X-06          01719  F2 3
    130  S77X-06          01748 CS2        85185
    131  S77X-06          01802 CS2        86185
    132  S77X-06          01860 CS2        78185
    133  S77X-06          01906  F2 E
    134  S77X-06          01928 CS2        77185
    135  S77X-06          01955  F2 3
    136  S77X-06          01980 CS2        78185
    137  S77X-06          02045 CS2        83185
    138  S77X-06          02048  F2 E
    139  S77X-06          02103 CS2        83185
    140  S77X-06          02152  F2 3
    141  S77X-06          02163 CS2        84185
    142  S77X-06          02209  F2 E
    143  S77X-06          02218 CS2        78185
    144  S77X-06          02284 CS2        81185
    145  S77X-06          02324 CS2        79185
    146  S77X-06          02362  F2 3
    147  S77X-06          02383 CS2        74185
    148  S77X-06          02432 CS2        80185
    149  S77X-06          02496 CS2        67185
    150  S77X-06          02554 CS2        81185
    151  S77X-06          02618 CS2        82185
    152  S77X-06          02667 CS2        80185
    153  S77X-06          02672  F2 E
    154  S77X-06          02713 CS2        77185
    155  S77X-06          02726  F2 3
    156  S77X-06          02789 CS2        73185
    157  S77X-06          02839 CS2        90185
    158  S77X-06          02914 CS2        90185
    159  S77X-06          02967 CS2        72185
    160  S77X-06          03001 CS2        86185
    161  S77X-06          03066 CS2        82185
    162  S77X-06          03120 CS2        90185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                    1         2         3         4         5
         1.........0.........0.........0.........0.........0.
   163  S77X-06         03191 CS2         78185
   164  S77X-06         03247 CS2         66185
   165  S77X-06         03304 CS2         74185
   166  S77X-06         03374 CS2         75185
   167  S77X-06         03714 CS2         82185
   168  S77X-06         03767 CS2         83185
   169  S77X-06         03770  F2 E
   170  S77X-06         03786 CS2         78185
   171  S77X-06         03799  F2 3
   172  S77X-06         03837 CS2         85185
   173  S77X-06         03881 CS2         77185
   174  S77X-06         03945 CS2         90185
   175  S77X-06         03984 CS2         78185
   176  S77X-06         04003  F2 E
   177  S77X-06         04044 CS2         86185
   178  S77X-06         04060  F2 3
   179  S77X-06         04109 CS2         80185
   180  S77X-06         04156 CS2         68185
   181  S77X-06         04221 CS2         68185
   182  S77X-06         04264 CS2         76185
   183  S77X-06         04291  F2 E
   184  S77X-06         04322 CS2         75185
   185  S77X-06         04378 CS2         90185
   186  S77X-06         04397  F2 3
   187  S77X-06         04405 CS2         80185
   188  S77X-06         04424  F2 3
   189  S77X-06         04446 CS2         64185
   190  S77X-06         04508 CS2         73185
   191  S77X-06         04543  F2 E
   192  S77X-06         04559 CS2         67185
   193  S77X-06         04620 CS2         69185
   194  S77X-06         04650  F2 3
   195  S77X-06         04682 CS2         72185
   196  S77X-06         04740 CS2         76185
   197  S77X-06         04772  F2 M
   198  S77X-06         04785 CS2         84185
   199  S77X-06         04820  F2 M
   200  S77X-06         04835 CS2         77185
   201  S77X-06         04895 CS2         87185
   202  S77X-06         04955 CS2         82185
   203  S77X-06         05010 CS2         62185
   204  S77X-06         05055 CS2         73185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                  1         2         3         4         5
        1.........0.........0.........0.........0.........0.
  205   S77X-06           05069  F2 E
  206   S77X-06           05108 CS2          67185
  207   S77X-06           05161 CS2          87185
  208   S77X-06           05180  F2 3
  209   S77X-06           05200 CS2          90185
  210   S77X-06           05263  F2 E
  211   S77X-06           05264 CS2          75185
  212   S77X-06           05301  F2 3
  213   S77X-06           05339 CS2          78185
  214   S77X-06           05375 CS2          73185
  215   S77X-06           05382  F2 E
  216   S77X-06           05413 CS2          82185
  217   S77X-06           05475 CS2          79185
  218   S77X-06           05501  F2 3
  219   S77X-06           05508  F1 Z
  220   S77X-06           05523 CS2          79185
  221   S77X-06           05525  F2 E
  222   S77X-06           05571 CS2          77185
  223   S77X-06           05633 CS2          83185
  224   S77X-06           05661  F2 3
  225   S77X-06           05675 CS2          69185
  226   S77X-06           05689  F2 E
  227   S77X-06           05699 CS2          69185
  228   S77X-06           05709  F2 3
  229   S77X-06           05735 CS2          55185
  230   S77X-06           05749  F2 E
  231   S77X-06           05794 CS2          75185
  232   S77X-06           05829  F2 3
  233   S77X-06           05840 PS2          78185
  234   S77X-06           05905 PS2          41185
  235   S77X-06           05970 PS2          77185
  236   S77X-06           06007 PS2          68185
  237   S77X-06           06053 PS2          68185
  238   S77X-06           06114 PS2          63185
  239   S77X-06           06172 CS2          75185
  240   S77X-06           06236 CS2          87185
  241   S77X-06           06297 CS2          70185
  242   S77X-06           06357 CS2          72185
  243   S77X-06           06407 CS2          71185
  244   S77X-06           06450 CS2          68185
  245   S77X-06           06495  F2 E
  246   S77X-06           06510 CS2          75185
        1.........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   247   S77X-06          06571 CS2          70185
   248   S77X-06          06617 CS2          71185
   249   S77X-06          06631  F2 3
   250   S77X-06          06678 CS2          75185
   251   S77X-06          06712  F2 E
   252   S77X-06          06717  F1 S
   253   S77X-06          06739 CS2          73185
   254   S77X-06          06772  F2 3
   255   S77X-06          06803 CS2          77185
   256   S77X-06          06852 CS2          77185
   257   S77X-06          06863  F2 M
   258   S77X-06          06891 CS2          77185
   259   S77X-06          06909  F2 M
   260   S77X-06          06934 CS2          65185
   261   S77X-06          06956 CS2          84185
   262   S77X-06          06998 CS2          73185
   263   S77X-06          07028 CS2          74185
   264   S77X-06          07080 CS2          75185
   265   S77X-06          07145 CS2          83185
   266   S77X-06          07207 CS2          83185
   267   S77X-06          07266 CS2          79185
   268   S77X-06          07328 CS2          82185
   269   S77X-06          07355  F2 E
   270   S77X-06          07384 CS2          81185
   271   S77X-06          07437  F2 3
   272   S77X-06          07452 CS2          77185
   273   S77X-06          07512 CS2          75185
   274   S77X-06          07532  F2 E
   275   S77X-06          07575 CS2          82185
   276   S77X-06          07595  F2 3
   277   S77X-06          07630 CS2          73185
   278   S77X-06          07658  F2 E
   279   S77X-06          07696 CS2          73185
   280   S77X-06          07697  F2 3
   281   S77X-06          07758 CS2          72185
   282   S77X-06          07818 CS2          64185
   283   S77X-06          07874 CS2          73185
   284   S77X-06          07933 CS2          77185
   285   S77X-06          07986 CS2          77185
   286   P77X-06    05413 05433 002629
   287   P77X-06    05433 05453 002630
   288   P77X-06    05453 05473 002631
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-06     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
   289   P77X-06  05473 05493 002632
   290   P77X-06  05493 05508 002633
   291   P77X-06  05508 05522 002634
   292   P77X-06  05571 05591 002635
   293   P77X-06  05591 05611 002636
   294   P77X-06  05766 05781 002637
   295   P77X-06  05781 05795 002638
   296   P77X-06  05837 05847 002639
   297   P77X-06  05847 05865 002640
   298   P77X-06  05865 05884 002641
   299   P77X-06  05884 05904 002642
   300   P77X-06  05904 05924 002643
   301   P77X-06  05924 05934 002644
   302   P77X-06  05934 05948 002645
   303   P77X-06  05948 05968 002646
   304   P77X-06  05968 05977 002647
   305   P77X-06  05977 05993 002648
   306   P77X-06  05993 06013 002649
   307   P77X-06  06013 06033 002650
   308   P77X-06  06033 06046 002651
   309   P77X-06  06046 06066 002652
   310   P77X-06  06066 06085 002653
   311   P77X-06  06085 06105 002654
   312   P77X-06  06105 06121 002655
   313   P77X-06  06121 06131 002656
         1........1.........2.........3.........4.........5
                  0         0         0         0         0


DDH:  77X-06  -- SUMMARY OF DATA INPUT

              RECORDS READ =  313   RELEASED TO SORT  353
              TYPE-L =    86
              TYPE-P =    28
              TYPE-R =    10
              TYPE-S =   188
              TYPE-X =    40    ( GENERATED TO DEPTH:  800.0 METERS )

    DRILLHOLE TRUE DEPTH (VERTICAL) =   801.0 METERS
```

```
************************
*     DDH:  77X-06     *
************************

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  -  179.00
                               AZIMUTH:       0.    -  338.00

      BOREHOLE SECTION  2  --  DEPTH:           62.20  -  153.60 METERS
                               ZENITH ANG:  179.00  -  171.50
                               AZIMUTH:     338.00  -  303.00

      BOREHOLE SECTION  3  --  DEPTH:          153.60  -  245.00 METERS
                               ZENITH ANG:  171.50  -  170.00
                               AZIMUTH:     303.00  -  308.00

      BOREHOLE SECTION  4  --  DEPTH:          245.00  -  336.50 METERS
                               ZENITH ANG:  170.00  -  170.50
                               AZIMUTH:     308.00  -  313.00

      BOREHOLE SECTION  5  --  DEPTH:          336.50  -  427.90 METERS
                               ZENITH ANG:  170.50  -  172.00
                               AZIMUTH:     313.00  -  308.00

      BOREHOLE SECTION  6  --  DEPTH:          427.90  -  517.80 METERS
                               ZENITH ANG:  172.00  -  171.50
                               AZIMUTH:     308.00  -  323.00

      BOREHOLE SECTION  7  --  DEPTH:          517.80  -  610.80 METERS
                               ZENITH ANG:  171.50  -  171.00
                               AZIMUTH:     323.00  -  323.00

      BOREHOLE SECTION  8  --  DEPTH:          610.80  -  702.20 METERS
                               ZENITH ANG:  171.00  -  169.00
                               AZIMUTH:     323.00  -  330.00

      BOREHOLE SECTION  9  --  DEPTH:          702.20  -  793.70 METERS
                               ZENITH ANG:  169.00  -  165.50
                               AZIMUTH:     330.00  -  314.00

      BOREHOLE SECTION 10  --  DEPTH:          793.70  -  801.00 METERS
                               ZENITH ANG:  165.50  -  165.50
                               AZIMUTH:     314.00  -  314.00

FINISHED -- BOREHOLE LENGTH =   801.00 METERS
            FILE SIZE =       354
```

****
* DDH: 77X-06 * 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 DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
0.	R							0.	0.	0.	180.0	0.
22.9	L	01 #						22.9	-.0	.1	179.6	351.9
23.4	S			CS2			70. 185.	23.4	-.0	.1	179.6	351.7
30.8	S			CS2			73. 185.	30.8	-.0	.1	179.5	349.1
35.7	L	02 5B0						35.7	-.0	.2	179.4	347.4
38.2	S			CS2			64. 185.	38.2	-.0	.2	179.4	346.5
45.1	S			CS2			72. 185.	45.1	-.1	.3	179.3	344.0
51.1	S			CS2			74. 185.	51.1	-.1	.4	179.2	341.9
55.6	S			CS2			79. 185.	55.6	-.1	.4	179.1	340.3
61.1	S			CS2			73. 185.	61.1	-.1	.5	179.0	338.4
62.2	R							62.2	-.1	.5	179.0	338.0
67.2	S			CS2			77. 185.	67.2	-.2	.6	178.6	336.1
74.2	S			CS2			80. 185.	74.2	-.3	.8	178.0	333.4
78.8	L	03 5B0						78.8	-.3	1.0	177.6	331.6
79.8	S			CS2			81. 185.	79.8	-.4	1.0	177.6	331.3
84.4	S			CS2			75. 185.	84.4	-.5	1.2	177.2	329.5
90.6	S			CS2			58. 185.	90.6	-.6	1.5	176.7	327.1
93.8	L	04 5B6						93.8	-.8	1.6	176.4	325.9
94.9	S			CS2			78. 185.	94.9	-.8	1.7	176.3	325.5
100.0	S			F2	E			100.0	-1.0	2.0	175.9	323.5
100.9	S			CS2			74. 185.	100.9	-1.0	2.0	175.8	323.2
103.5	L	05 5B0						103.4	-1.1	2.2	175.6	322.2
106.8	L	06 5D3						106.7	-1.3	2.4	175.3	320.9
107.5	S			CS2			71. 185.	107.4	-1.3	2.4	175.3	320.7
107.7	S			F2	3			107.6	-1.4	2.4	175.3	320.6
110.0	L	07 5B6						109.9	-1.5	2.6	175.1	319.7
112.9	L	08 5D3						112.8	-1.6	2.8	174.8	318.6
113.7	S			CS2			81. 185.	113.6	-1.7	2.8	174.8	318.3
116.6	L	09 5B0						116.5	-1.9	3.0	174.5	317.2
118.4	S			CS2			78. 185.	118.3	-2.0	3.2	174.4	316.5
123.1	S			F2	E			123.0	-2.3	3.5	174.0	314.7
123.6	S			CS2			78. 185.	123.5	-2.4	3.5	174.0	314.5
128.4	S			CS2			75. 185.	128.2	-2.7	3.9	173.6	312.6
129.3	S			F2	3			129.1	-2.8	4.0	173.5	312.3
135.6	S			CS2			78. 185.	135.4	-3.4	4.4	173.0	309.9
142.3	S			CS2			56. 185.	142.0	-4.0	5.0	172.4	307.3
147.3	S			CS2			68. 185.	147.0	-4.6	5.4	172.0	305.4
151.8	S			CS2			69. 185.	151.4	-5.1	5.7	171.6	303.7

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* DDH: 77X-06 * 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

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										153.2	-5.3	5.9	171.5	303.0
158.2	S				CS2				65.	185.	157.8	-5.9	6.3	171.4	303.3
163.7	S				CS2				80.	185.	163.2	-6.6	6.7	171.3	303.6
165.9	S				F2	E					165.4	-6.9	6.9	171.3	303.7
170.9	S				CS2				82.	185.	170.3	-7.5	7.3	171.2	303.9
171.9	S				F2	3					171.3	-7.6	7.4	171.2	304.0
174.8	S				CS2				85.	185.	174.2	-8.0	7.7	171.2	304.2
180.2	S				CS2				86.	185.	179.5	-8.7	8.1	171.1	304.5
184.0	L	10 5B6									183.3	-9.2	8.5	171.0	304.7
186.0	S				CS2				78.	185.	185.2	-9.4	8.6	171.0	304.8
190.6	S				F2	E					189.8	-10.0	9.1	170.9	305.0
192.8	S				CS2				77.	185.	192.0	-10.3	9.3	170.9	305.1
195.5	S				F2	3					194.6	-10.7	9.5	170.8	305.3
198.0	S				CS2				78.	185.	197.1	-11.0	9.7	170.8	305.4
204.5	S				CS2				83.	185.	203.5	-11.8	10.3	170.7	305.8
204.8	S				F2	E					203.8	-11.9	10.4	170.7	305.8
210.3	S				CS2				83.	185.	209.2	-12.6	10.9	170.6	306.1
215.2	S				F2	3					214.1	-13.3	11.4	170.5	306.4
216.3	S				CS2				84.	185.	215.1	-13.4	11.5	170.5	306.4
217.0	L	11 5B0									215.8	-13.5	11.6	170.5	306.5
220.9	S				F2	E					219.7	-14.0	11.9	170.4	306.7
221.8	S				CS2				78.	185.	220.6	-14.1	12.0	170.4	306.7
228.4	S				CS2				81.	185.	227.1	-15.0	12.7	170.3	307.1
232.4	S				CS2				79.	185.	231.0	-15.6	13.1	170.2	307.3
236.1	L	12 5B6									234.7	-16.1	13.5	170.1	307.5
236.2	S				F2	3					234.8	-16.1	13.5	170.1	307.5
238.3	S				CS2				74.	185.	236.8	-16.4	13.7	170.1	307.6
243.2	S				CS2				80.	185.	241.7	-17.0	14.2	170.0	307.9
245.0	R										243.4	-17.3	14.4	170.0	308.0
249.6	S				CS2				67.	185.	248.0	-17.9	14.9	170.0	308.3
255.4	S				CS2				81.	185.	253.7	-18.7	15.5	170.1	308.6
261.8	S				CS2				82.	185.	260.0	-19.6	16.2	170.1	308.9
266.7	S				CS2				80.	185.	264.8	-20.2	16.8	170.1	309.2
267.2	S				F2	E					265.3	-20.3	16.8	170.1	309.2
271.3	S				CS2				77.	185.	269.3	-20.8	17.3	170.1	309.4
272.6	S				F2	3					270.6	-21.0	17.4	170.2	309.5
278.9	S				CS2				73.	185.	276.8	-21.8	18.1	170.2	309.9
283.9	S				CS2				90.	185.	281.7	-22.5	18.6	170.2	310.1

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*   DDH: 77X-06   *   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 DIPD	S2 CA DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
291.4	S			CS2			90. 185.	289.1	-23.4	19.5	170.3	310.5
296.7	S			CS2			72. 185.	294.4	-24.1	20.0	170.3	310.8
299.9	L	13 5B0						297.5	-24.5	20.4	170.3	311.0
300.1	S			CS2			86. 185.	297.7	-24.6	20.4	170.3	311.0
305.2	L	14 5D3						302.7	-25.2	21.0	170.3	311.3
306.6	S			CS2			82. 185.	304.1	-25.4	21.1	170.3	311.4
312.0	S			CS2			90. 185.	309.4	-26.1	21.7	170.4	311.7
319.1	S			CS2			78. 185.	316.4	-26.9	22.5	170.4	312.0
324.7	S			CS2			66. 185.	322.0	-27.6	23.2	170.4	312.4
327.8	L	15 5B0						325.0	-28.0	23.5	170.5	312.5
330.4	S			CS2			74. 185.	327.6	-28.3	23.8	170.5	312.7
331.1	L	16 5D3						328.3	-28.4	23.9	170.5	312.7
333.8	L	17 5B6						330.9	-28.7	24.2	170.5	312.9
336.5	R							333.6	-29.1	24.5	170.5	313.0
337.4	S			CS2			75. 185.	334.5	-29.2	24.6	170.5	313.0
337.8	L	18 5D6						334.9	-29.2	24.6	170.5	312.9
362.7	L	19 0C9						359.5	-32.2	27.3	170.9	311.6
370.3	L	20 0C0						367.0	-33.1	28.1	171.1	311.2
371.4	S			CS2			82. 185.	368.1	-33.2	28.2	171.1	311.1
376.7	S			CS2			83. 185.	373.3	-33.8	28.8	171.2	310.8
377.0	S			F2	E			373.6	-33.9	28.8	171.2	310.8
378.6	S			CS2			78. 185.	375.2	-34.1	29.0	171.2	310.7
379.9	S			F2	3			376.5	-34.2	29.1	171.2	310.6
383.7	S			CS2			85. 185.	380.2	-34.6	29.5	171.3	310.4
385.1	L	21 5B0						381.6	-34.8	29.6	171.3	310.3
388.1	S			CS2			77. 185.	384.6	-35.2	29.9	171.3	310.2
389.4	L	22 5B6						385.8	-35.3	30.0	171.4	310.1
394.5	S			CS2			90. 185.	390.9	-35.9	30.5	171.5	309.8
398.4	L	23 5B0						394.7	-36.3	30.9	171.5	309.6
398.4	S			CS2			78. 185.	394.7	-36.3	30.9	171.5	309.6
400.3	S			F2	E			396.6	-36.5	31.1	171.5	309.5
404.4	S			CS2			86. 185.	400.7	-37.0	31.4	171.6	309.3
406.0	S			F2	3			402.3	-37.2	31.6	171.6	309.2
410.9	S			CS2			80. 185.	407.1	-37.7	32.0	171.7	308.9
415.4	L	24 5B7						411.6	-38.2	32.4	171.8	308.7
415.6	S			CS2			68. 185.	411.8	-38.3	32.4	171.8	308.7
418.2	L	25 5D3						414.3	-38.6	32.7	171.8	308.5
422.1	S			CS2			68. 185.	418.2	-39.0	33.0	171.9	308.3
426.4	S			CS2			76. 185.	422.5	-39.5	33.4	172.0	308.1
427.2	L	26 5B7						423.2	-39.5	33.5	172.0	308.0

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*     DDH:  77X-06      *   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	GEOCHM LOG INT	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
427.5	L	27 5D6									423.5	-39.6	33.5	172.0	308.0
427.9	R										423.9	-39.6	33.5	172.0	308.0
428.7	L	28 4C0									424.7	-39.7	33.6	172.0	308.1
429.1	S				F2	E					425.1	-39.8	33.6	172.0	308.2
432.2	S				CS2				75.	185.	428.2	-40.1	33.9	172.0	308.7
434.3	L	29 5D3									430.3	-40.3	34.1	172.0	309.1
434.4	L	30 4C7									430.4	-40.3	34.1	172.0	309.1
435.9	L	31 5D3									431.9	-40.5	34.2	172.0	309.3
436.6	L	32 4E4									432.6	-40.6	34.3	172.0	309.5
437.8	S				CS2				90.	185.	433.7	-40.7	34.4	171.9	309.7
438.5	L	33 5D3									434.4	-40.8	34.5	171.9	309.8
439.7	S				F2	3					435.6	-40.9	34.6	171.9	310.0
440.5	S				CS2				80.	185.	436.4	-41.0	34.6	171.9	310.1
442.4	S				F2	3					438.3	-41.2	34.8	171.9	310.4
442.8	L	34 4C0									438.7	-41.2	34.8	171.9	310.5
443.2	L	35 5B8									439.1	-41.3	34.9	171.9	310.6
444.6	S				CS2				64.	185.	440.5	-41.4	35.0	171.9	310.8
444.7	L	36 4C4									440.6	-41.4	35.0	171.9	310.8
448.1	L	37 5D3									443.9	-41.8	35.3	171.9	311.4
450.8	S				CS2				73.	185.	446.6	-42.1	35.6	171.9	311.8
452.6	L	38 5B0									448.4	-42.3	35.8	171.9	312.1
454.3	S				F2	E					450.1	-42.5	35.9	171.9	312.4
455.5	L	39 4C0									451.3	-42.6	36.0	171.8	312.6
455.9	S				CS2				67.	185.	451.7	-42.6	36.1	171.8	312.7
462.0	S				CS2				69.	185.	457.7	-43.3	36.7	171.8	313.7
462.7	L	40 4K0									458.4	-43.3	36.7	171.8	313.8
465.0	S				F2	3					460.7	-43.6	37.0	171.8	314.2
465.5	L	41 5B0									461.2	-43.6	37.0	171.8	314.3
468.2	S				CS2				72.	185.	463.8	-43.9	37.3	171.8	314.7
474.0	S				CS2				76.	185.	469.6	-44.5	37.9	171.7	315.7
475.0	L	42 5B7									470.6	-44.6	38.0	171.7	315.9
477.2	S				F2	M					472.7	-44.8	38.2	171.7	316.2
478.5	S				CS2				84.	185.	474.0	-44.9	38.3	171.7	316.4
482.0	S				F2	M					477.5	-45.3	38.7	171.7	317.0
483.5	S				CS2				77.	185.	479.0	-45.4	38.9	171.7	317.3
489.5	S				CS2				87.	185.	484.9	-46.0	39.5	171.7	318.3
495.5	S				CS2				82.	185.	490.8	-46.6	40.2	171.6	319.3
501.0	S				CS2				62.	185.	496.3	-47.1	40.8	171.6	320.2
503.8	L	43 5B7									499.1	-47.4	41.1	171.6	320.7
505.5	S				CS2				73.	185.	500.7	-47.5	41.3	171.6	320.9

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*   DDH: 77X-06   *   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

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
506.9	S				F2	E					502.1	-47.6	41.4	171.6	321.2
510.8	S				CS2				67.	185.	506.0	-48.0	41.9	171.5	321.8
516.1	S				CS2				87.	185.	511.2	-48.5	42.5	171.5	322.7
517.8	R										512.9	-48.6	42.7	171.5	323.0
518.0	S				F2	3					513.1	-48.6	42.7	171.5	323.0
520.0	S				CS2				90.	185.	515.1	-48.8	43.0	171.5	323.0
526.3	S				F2	E					521.3	-49.4	43.7	171.5	323.0
526.4	S				CS2				75.	185.	521.4	-49.4	43.7	171.5	323.0
530.1	S				F2	3					525.1	-49.7	44.2	171.4	323.0
533.9	S				CS2				78.	185.	528.8	-50.1	44.6	171.4	323.0
537.5	S				CS2				73.	185.	532.4	-50.4	45.1	171.4	323.0
538.2	S				F2	E					533.1	-50.5	45.1	171.4	323.0
541.3	L	44 5B6									536.1	-50.7	45.5	171.4	323.0
541.3	S				CS2				82.	185.	536.1	-50.7	45.5	171.4	323.0
542.3	P		2629	2.							537.1	-50.8	45.6	171.4	323.0
544.3	P		2630	2.							539.1	-51.0	45.9	171.4	323.0
546.3	P		2631	2.							541.1	-51.2	46.1	171.3	323.0
547.5	S				CS2				79.	185.	542.3	-51.3	46.3	171.3	323.0
548.3	P		2632	2.							543.1	-51.4	46.3	171.3	323.0
550.1	P		2633	2.							544.8	-51.5	46.6	171.3	323.0
550.1	S				F2	3					544.8	-51.5	46.6	171.3	323.0
550.8	S				F1	Z					545.5	-51.6	46.6	171.3	323.0
551.5	P		2634	1.							546.2	-51.7	46.7	171.3	323.0
552.2	L	45 4A1									546.9	-51.7	46.8	171.3	323.0
552.3	S				CS2				79.	185.	547.0	-51.7	46.8	171.3	323.0
552.5	S				F2	E					547.2	-51.7	46.9	171.3	323.0
556.8	L	46 5B6									551.5	-52.1	47.4	171.3	323.0
557.1	L	47 5D3									551.8	-52.2	47.4	171.3	323.0
557.1	S				CS2				77.	185.	551.8	-52.2	47.4	171.3	323.0
558.1	P		2635	2.							552.8	-52.3	47.5	171.3	323.0
560.1	P		2636	2.							554.7	-52.4	47.8	171.3	323.0
563.3	L	48 4A1									557.9	-52.7	48.2	171.3	323.0
563.3	S				CS2				83.	185.	557.9	-52.7	48.2	171.3	323.0
566.1	S				F2	3					560.7	-53.0	48.5	171.2	323.0
567.5	S				CS2				69.	185.	562.0	-53.1	48.7	171.2	323.0
568.9	S				F2	E					563.4	-53.2	48.8	171.2	323.0
569.9	S				CS2				69.	185.	564.4	-53.3	49.0	171.2	323.0
570.9	S				F2	3					565.4	-53.4	49.1	171.2	323.0
573.5	S				CS2				55.	185.	568.0	-53.7	49.4	171.2	323.0
574.9	S				F2	E					569.4	-53.8	49.6	171.2	323.0

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*   DDH: 77X-06   *   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			GEOCHM LOG				S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	DEPTH	EASTING	NORTHING	Z	AZ
576.6	L	49 5A0									571.0	-54.0	49.8	171.2	323.0
577.4	P		2637	2.							571.8	-54.0	49.9	171.2	323.0
578.8	P		2638	1.							573.2	-54.2	50.1	171.2	323.0
579.4	S				CS2				75.	185.	573.8	-54.2	50.1	171.2	323.0
579.5	L	50 4A0									573.9	-54.2	50.1	171.2	323.0
582.9	S				F2	3					577.3	-54.5	50.6	171.2	323.0
583.7	L	51 5A0									578.1	-54.6	50.7	171.1	323.0
584.0	S				PS2				78.	185.	578.3	-54.6	50.7	171.1	323.0
584.2	P		2639	1.							578.5	-54.7	50.7	171.1	323.0
585.6	P		2640	2.							579.9	-54.8	50.9	171.1	323.0
586.5	L	52 4C0									580.8	-54.9	51.0	171.1	323.0
587.5	P		2641	2.							581.8	-55.0	51.1	171.1	323.0
588.4	L	53 4E1									582.7	-55.0	51.2	171.1	323.0
589.4	P		2642	2.							583.7	-55.1	51.4	171.1	323.0
590.5	S				PS2				41.	185.	584.8	-55.2	51.5	171.1	323.0
591.4	P		2643	2.							585.7	-55.3	51.6	171.1	323.0
592.9	P		2644	1.							587.1	-55.5	51.8	171.1	323.0
593.4	L	54 4G0									587.6	-55.5	51.8	171.1	323.0
594.1	P		2645	1.							588.3	-55.6	51.9	171.1	323.0
594.8	L	55 4E1									589.0	-55.6	52.0	171.1	323.0
595.8	P		2646	2.							590.0	-55.7	52.1	171.1	323.0
597.0	S				PS2				77.	185.	591.2	-55.8	52.3	171.1	323.0
597.2	P		2647	1.							591.4	-55.9	52.3	171.1	323.0
597.7	L	56 4A0									591.9	-55.9	52.4	171.1	323.0
598.5	P		2648	2.							592.7	-56.0	52.5	171.1	323.0
599.3	L	57 4G1									593.5	-56.1	52.6	171.1	323.0
600.1	L	58 4C0									594.3	-56.1	52.7	171.1	323.0
600.3	P		2649	2.							594.5	-56.2	52.7	171.1	323.0
600.7	S				PS2				68.	185.	594.8	-56.2	52.8	171.1	323.0
602.3	P		2650	2.							596.4	-56.3	53.0	171.0	323.0
604.0	P		2651	1.							598.1	-56.5	53.2	171.0	323.0
604.6	L	59 4G1									598.7	-56.6	53.2	171.0	323.0
605.1	L	60 5F9									599.2	-56.6	53.3	171.0	323.0
605.3	S				PS2				68.	185.	599.4	-56.6	53.3	171.0	323.0
605.6	P		2652	2.							599.7	-56.7	53.4	171.0	323.0
607.6	P		2653	2.							601.6	-56.8	53.6	171.0	323.0
607.6	L	61 4D6									601.7	-56.8	53.6	171.0	323.0
608.5	L	62 4A1									602.6	-56.9	53.7	171.0	323.0
609.5	P		2654	2.							603.5	-57.0	53.8	171.0	323.0

****
*   DDH: 77X-06   *   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
610.8	R										604.8	-57.1	54.0	171.0	323.0
611.3	L	63 4D0									605.3	-57.2	54.1	171.0	323.0
611.3	P		2655	2.							605.3	-57.2	54.1	171.0	323.0
611.4	S				PS2				63.	185.	605.4	-57.2	54.1	171.0	323.0
612.1	L	64 4E6									606.1	-57.3	54.2	171.0	323.1
612.6	P		2656	1.							606.6	-57.3	54.2	171.0	323.1
614.8	L	65 5B4									608.8	-57.5	54.5	170.9	323.3
617.2	S				CS2				75.	185.	611.1	-57.7	54.8	170.9	323.5
617.7	L	66 5B6									611.6	-57.8	54.9	170.8	323.5
620.3	L	67 4B0									614.2	-58.0	55.2	170.8	323.7
623.6	S				CS2				87.	185.	617.5	-58.4	55.6	170.7	324.0
629.7	S				CS2				70.	185.	623.5	-58.9	56.4	170.6	324.4
635.7	S				CS2				72.	185.	629.4	-59.5	57.3	170.5	324.9
640.7	S				CS2				71.	185.	634.3	-60.0	57.9	170.3	325.3
642.5	L	68 5B7									636.1	-60.2	58.2	170.3	325.4
645.0	S				CS2				68.	185.	638.6	-60.4	58.5	170.3	325.6
649.5	S				F2	E					643.0	-60.8	59.2	170.2	326.0
651.0	S				CS2				75.	185.	644.5	-61.0	59.4	170.1	326.1
651.6	L	69 5D3									645.1	-61.0	59.5	170.1	326.1
657.1	S				CS2				70.	185.	650.5	-61.5	60.3	170.0	326.5
661.7	S				CS2				71.	185.	655.0	-62.0	60.9	169.9	326.9
663.1	S				F2	3					656.4	-62.1	61.1	169.9	327.0
664.0	L	70 5B6									657.3	-62.2	61.3	169.8	327.1
666.4	L	71 5D3									659.6	-62.4	61.6	169.8	327.3
667.8	S				CS2				75.	185.	661.0	-62.6	61.8	169.8	327.4
667.9	L	72 5G3									661.1	-62.6	61.9	169.8	327.4
669.9	L	73 5D3									663.1	-62.8	62.2	169.7	327.5
671.2	S				F2	E					664.4	-62.9	62.3	169.7	327.6
671.7	L	74 5G3									664.9	-62.9	62.4	169.7	327.7
671.7	S				F1	S					664.9	-62.9	62.4	169.7	327.7
673.9	S				CS2				73.	185.	667.0	-63.2	62.8	169.6	327.8
675.4	L	75 5B0									668.5	-63.3	63.0	169.6	327.9
677.2	S				F2	3					670.3	-63.5	63.3	169.5	328.1
680.3	S				CS2				77.	185.	673.3	-63.8	63.7	169.5	328.3
683.4	L	76 5D3									676.4	-64.1	64.2	169.4	328.6
685.2	S				CS2				77.	185.	678.1	-64.2	64.5	169.4	328.7
686.3	S				F2	M					679.2	-64.3	64.7	169.3	328.8
689.1	S				CS2				77.	185.	682.0	-64.6	65.1	169.3	329.0
690.9	S				F2	M					683.7	-64.8	65.4	169.2	329.1
692.2	L	77 5B0									685.0	-64.9	65.6	169.2	329.2

****
* DDH: 77X-06 * 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.	686.2	-65.0	65.8	169.2	329.3
693.7	L	78 5A*									686.5	-65.1	65.9	169.2	329.3
695.6	S				CS2				84.	185.	688.4	-65.2	66.2	169.1	329.5
699.8	S				CS2				73.	185.	692.5	-65.6	66.9	169.1	329.8
702.2	R										694.8	-65.9	67.3	169.0	330.0
702.8	S				CS2				74.	185.	695.4	-65.9	67.4	169.0	329.9
708.0	S				CS2				75.	185.	700.5	-66.4	68.2	168.8	329.0
714.5	S				CS2				83.	185.	706.9	-67.1	69.3	168.5	327.8
720.7	S				CS2				83.	185.	713.0	-67.8	70.4	168.3	326.8
726.6	S				CS2				79.	185.	718.7	-68.5	71.4	168.1	325.7
732.8	S				CS2				82.	185.	724.8	-69.2	72.4	167.8	324.6
735.5	S				F2	E					727.4	-69.5	72.9	167.7	324.2
736.0	L	79 5B6									727.9	-69.6	73.0	167.7	324.1
738.3	L	80 5A0									730.2	-69.9	73.4	167.6	323.7
738.4	S				CS2				81.	185.	730.3	-69.9	73.4	167.6	323.7
743.7	S				F2	3					735.5	-70.6	74.3	167.4	322.7
745.2	S				CS2				77.	185.	736.9	-70.8	74.6	167.4	322.5
751.2	S				CS2				75.	185.	742.8	-71.6	75.6	167.1	321.4
753.2	S				F2	E					744.7	-71.9	76.0	167.0	321.1
757.5	S				CS2				82.	185.	748.9	-72.5	76.7	166.9	320.3
759.5	S				F2	3					750.9	-72.8	77.1	166.8	320.0
763.0	S				CS2				73.	185.	754.3	-73.3	77.7	166.7	319.4
765.8	S				F2	E					757.0	-73.7	78.2	166.6	318.9
769.6	S				CS2				73.	185.	760.7	-74.3	78.8	166.4	318.2
769.7	S				F2	3					760.8	-74.3	78.8	166.4	318.2
775.8	S				CS2				72.	185.	766.7	-75.3	79.9	166.2	317.1
781.6	L	81 5B6									772.3	-76.3	80.9	166.0	316.1
781.8	S				CS2				64.	185.	772.5	-76.3	81.0	166.0	316.1
783.3	L	82 5D4									774.0	-76.5	81.2	165.9	315.8
786.4	L	83 5D6									777.0	-77.1	81.8	165.8	315.3
787.4	S				CS2				73.	185.	778.0	-77.2	81.9	165.7	315.1
789.1	L	84 5D6									779.6	-77.5	82.2	165.7	314.8
793.3	S				CS2				77.	185.	783.7	-78.3	83.0	165.5	314.1
793.7	R										784.1	-78.4	83.0	165.5	314.0
794.8	L	85 5D6									785.1	-78.6	83.2	165.5	314.0
798.6	S				CS2				77.	185.	788.8	-79.2	83.9	165.5	314.0
801.0	L	86 5B6									791.1	-79.7	84.3	165.5	314.0

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*************************
*     DDH:  77X-06      *   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 METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
801.0	R										791.1	-79.7	84.3	165.5	314.0

FINISHED -- LENGTH = 801.00 METERS   ENTRIES = 354

```
 STOP FINISHED
SRU'S:50.8
!*
!DEFINE 77X06D.PF KEY:0 ON:SPN
!EQUATE 20 77X06D.PF
!DDHPLT.DH
```

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************************
*     DDH:  77X-06     *     PLOT OF CORRECTED DRILLHOLE DATA
************************
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```
DATA READ COMPLETED -- CARDS =  354
     POINTS =  353    MAX DDH DEPTH =    801.0 METERS
                      MAX TRUE DEPTH =   791.1 METERS
     EASTING:     -79.7 -      0.  METERS
     NORTHING:      0.  -    84.3 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
```

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH 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			

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PROGRAM COMMAND:  PLOTA,2000,005

                  ************************
                  *     DDH:  77X-06     *     START PLOT NUMBER  1
                  ************************

                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:   0.   -   1.52 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  15.57 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 353

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

PROGRAM COMMAND:  PLOTB,2000,005

                  ************************
                  *     DDH:  77X-06     *     START PLOT NUMBER  2
                  ************************

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

                        PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                        X-AXIS PLOT LIMITS:   0.   -   1.52 (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  15.57 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 353
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****
*   DDH: 77X-06   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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	179.6	351.7						70.	185.	20.0	185.0	-20.0	-.19	-.07
30.8	179.5	349.1						73.	185.	17.0	185.0	-17.0	-.19	-.06
38.2	179.4	346.5						64.	185.	26.6	185.0	-26.6	-.18	-.09
45.1	179.3	344.0						72.	185.	18.7	185.0	-18.7	-.19	-.06
51.1	179.2	341.9						74.	185.	16.7	185.0	-16.7	-.19	-.06
55.6	179.1	340.3						79.	185.	11.0	185.0	-11.0	-.20	-.04
61.1	179.0	338.4						73.	185.	17.9	185.0	-17.9	-.19	-.06
67.2	178.6	336.1						77.	185.	14.2	185.0	-14.2	-.19	-.05
74.2	178.0	333.4						80.	185.	11.6	185.0	-11.6	-.20	-.04
79.8	177.6	331.3						81.	185.	10.9	185.0	-10.9	-.20	-.04
84.4	177.2	329.5						75.	185.	17.2	185.0	-17.2	-.19	-.06
90.6	176.7	327.1						58.	185.	34.5	185.0	-34.5	-.16	-.11
94.9	176.3	325.5						78.	185.	14.6	185.0	-14.6	-.19	-.05
100.9	175.8	323.2						74.	185.	18.9	185.0	-18.9	-.19	-.06
107.5	175.3	320.7						71.	185.	22.1	185.0	-22.1	-.19	-.08
113.7	174.8	318.3						81.	185.	11.7	185.0	-11.7	-.20	-.04
118.4	174.4	316.5						78.	185.	15.0	185.0	-15.0	-.19	-.05
123.6	174.0	314.5						78.	185.	14.9	185.0	-14.9	-.19	-.05
128.4	173.6	312.6						75.	185.	18.1	185.0	-18.1	-.19	-.06
135.6	173.0	309.9						78.	185.	14.6	185.0	-14.6	-.19	-.05
142.3	172.4	307.3						56.	185.	37.5	185.0	-37.5	-.16	-.12
147.3	172.0	305.4						68.	185.	25.0	185.0	-25.0	-.18	-.08
151.8	171.6	303.7						69.	185.	23.8	185.0	-23.8	-.18	-.08
158.2	171.4	303.3						65.	185.	28.0	185.0	-28.0	-.18	-.09
163.7	171.3	303.6						80.	185.	10.7	185.0	-10.7	-.20	-.04
170.9	171.2	303.9						82.	185.	4.8	185.0	-4.8	-.20	-.02
174.8	171.2	304.2						85.	185.					
180.2	171.1	304.5						86.	185.					
186.0	171.0	304.8						78.	185.	13.6	185.0	-13.6	-.19	-.05
192.8	170.9	305.1						77.	185.	15.0	185.0	-15.0	-.19	-.05
198.0	170.8	305.4						78.	185.	13.7	185.0	-13.7	-.19	-.05
204.5	170.7	305.8						83.	185.					
210.3	170.6	306.1						83.	185.					
216.3	170.5	306.4						84.	185.					
221.8	170.4	306.7						78.	185.	13.9	185.0	-13.9	-.19	-.05
228.4	170.3	307.1						81.	185.	1.5	185.0	-1.5	-.20	-.01
										8.9	185.0	-8.9	-.20	-.03
232.4	170.2	307.3						79.	185.	12.5	185.0	-12.5	-.20	-.04
238.3	170.1	307.6						74.	185.	19.1	185.0	-19.1	-.19	-.07
243.2	170.0	307.9						80.	185.	.1	185.0	-.1	-.20	-.00
										10.9	185.0	-10.9	-.20	-.04

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*************************
*      DDH:  77X-06      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
*************************
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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
249.6	170.0	308.3						67.	185.	27.0	185.0	-27.0	-.18	-.09
255.4	170.1	308.6						81.	185.	1.9	185.0	-1.9	-.20	-.01
										9.2	185.0	-9.2	-.20	-.03
261.8	170.1	308.9						82.	185.	5.3	185.0	-5.3	-.20	-.02
266.7	170.1	309.2						80.	185.	11.4	185.0	-11.4	-.20	-.04
271.3	170.1	309.4						77.	185.	15.8	185.0	-15.8	-.19	-.05
278.9	170.2	309.9						73.	185.	20.7	185.0	-20.7	-.19	-.07
283.9	170.2	310.1						90.	185.					
291.4	170.3	310.5						90.	185.					
296.7	170.3	310.8						72.	185.	22.0	185.0	-22.0	-.19	-.07
300.1	170.3	311.0						86.	185.					
306.6	170.3	311.4						82.	185.	4.0	185.0	-4.0	-.20	-.01
										7.6	185.0	-7.6	-.20	-.03
312.0	170.4	311.7						90.	185.					
319.1	170.4	312.0						78.	185.	15.1	185.0	-15.1	-.19	-.05
324.7	170.4	312.4						66.	185.	28.7	185.0	-28.7	-.18	-.10
330.4	170.5	312.7						74.	185.	20.0	185.0	-20.0	-.19	-.07
337.4	170.5	313.0						75.	185.	18.9	185.0	-18.9	-.19	-.06
371.4	171.1	311.1						82.	185.	1.7	185.0	-1.7	-.20	-.01
										8.8	185.0	-8.8	-.20	-.03
376.7	171.2	310.8						83.	185.	5.0	185.0	-5.0	-.20	-.02
378.6	171.2	310.7						78.	185.	14.8	185.0	-14.8	-.19	-.05
383.7	171.3	310.4						85.	185.					
388.1	171.3	310.2						77.	185.	16.0	185.0	-16.0	-.19	-.05
394.5	171.5	309.8						90.	185.					
398.4	171.5	309.6						78.	185.	14.6	185.0	-14.6	-.19	-.05
404.4	171.6	309.3						86.	185.					
410.9	171.7	308.9						80.	185.	11.9	185.0	-11.9	-.20	-.04
415.6	171.8	308.7						68.	185.	25.5	185.0	-25.5	-.18	-.09
422.1	171.9	308.3						68.	185.	25.5	185.0	-25.5	-.18	-.09
426.4	172.0	308.1						76.	185.	16.7	185.0	-16.7	-.19	-.06
432.2	172.0	308.7						75.	185.	17.9	185.0	-17.9	-.19	-.06
437.8	171.9	309.7						90.	185.					
440.5	171.9	310.1						80.	185.	12.2	185.0	-12.2	-.20	-.04
444.6	171.9	310.8						64.	185.	30.0	185.0	-30.0	-.17	-.10
450.8	171.9	311.8						73.	185.	20.6	185.0	-20.6	-.19	-.07
455.9	171.8	312.7						67.	185.	27.2	185.0	-27.2	-.18	-.09
462.0	171.8	313.7						69.	185.	25.2	185.0	-25.2	-.18	-.09
468.2	171.8	314.7						72.	185.	22.2	185.0	-22.2	-.19	-.08
474.0	171.7	315.7						76.	185.	18.0	185.0	-18.0	-.19	-.06
478.5	171.7	316.4						84.	185.	5.3	185.0	-5.3	-.20	-.02

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* DDH: 77X-06 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 5.0 VIEW AZIMUTH = 275.0

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
483.5	171.7	317.3						77.	185.	17.1	185.0	-17.1	-.19	-.06
489.5	171.7	318.3						87.	185.					
495.5	171.6	319.3						82.	185.	.6	185.0	-.6	-.20	-.00
										11.2	185.0	-11.2	-.20	-.04
501.0	171.6	320.2						62.	185.	33.4	185.0	-33.4	-.17	-.11
505.5	171.6	320.9						73.	185.	22.0	185.0	-22.0	-.19	-.08
510.8	171.5	321.8						67.	185.	28.5	185.0	-28.5	-.18	-.10
516.1	171.5	322.7						87.	185.					
520.0	171.5	323.0						90.	185.					
526.4	171.5	323.0						75.	185.	20.2	185.0	-20.2	-.19	-.07
533.9	171.4	323.0						78.	185.	17.0	185.0	-17.0	-.19	-.06
537.5	171.4	323.0						73.	185.	22.4	185.0	-22.4	-.18	-.08
541.3	171.4	323.0						82.	185.	.8	185.0	-.8	-.20	-.00
										12.0	185.0	-12.0	-.20	-.04
547.5	171.3	323.0						79.	185.	15.8	185.0	-15.8	-.19	-.05
552.3	171.3	323.0						79.	185.	15.8	185.0	-15.8	-.19	-.05
557.1	171.3	323.0						77.	185.	18.1	185.0	-18.1	-.19	-.06
563.3	171.3	323.0						83.	185.	2.6	185.0	-2.6	-.20	-.01
										10.4	185.0	-10.4	-.20	-.04
567.5	171.2	323.0						69.	185.	26.8	185.0	-26.8	-.18	-.09
569.9	171.2	323.0						69.	185.	26.8	185.0	-26.8	-.18	-.09
573.5	171.2	323.0						55.	185.	41.1	185.0	-41.1	-.15	-.13
579.4	171.2	323.0						75.	185.	20.4	185.0	-20.4	-.19	-.07
584.0	171.1	323.0						78.	185.	17.1	185.0	-17.1	-.19	-.06
590.5	171.1	323.0						41.	185.	55.4	185.0	-55.4	-.11	-.16
597.0	171.1	323.0						77.	185.	18.2	185.0	-18.2	-.19	-.06
600.7	171.1	323.0						68.	185.	27.9	185.0	-27.9	-.18	-.09
605.3	171.0	323.0						68.	185.	27.9	185.0	-27.9	-.18	-.09
611.4	171.0	323.0						63.	185.	33.1	185.0	-33.1	-.17	-.11
617.2	170.9	323.5						75.	185.	20.6	185.0	-20.6	-.19	-.07
623.6	170.7	324.0						87.	185.					
629.7	170.6	324.4						70.	185.	26.2	185.0	-26.2	-.18	-.09
635.7	170.5	324.9						72.	185.	24.3	185.0	-24.3	-.18	-.08
640.7	170.3	325.3						71.	185.	25.5	185.0	-25.5	-.18	-.09
645.0	170.3	325.6						68.	185.	28.7	185.0	-28.7	-.18	-.10
651.0	170.1	326.1						75.	185.	21.4	185.0	-21.4	-.19	-.07
657.1	170.0	326.5						70.	185.	26.9	185.0	-26.9	-.18	-.09
661.7	169.9	326.9						71.	185.	26.0	185.0	-26.0	-.18	-.09
667.8	169.8	327.4						75.	185.	21.8	185.0	-21.8	-.19	-.07
673.9	169.6	327.8						73.	185.	24.2	185.0	-24.2	-.18	-.08
680.3	169.5	328.3						77.	185.	19.9	185.0	-19.9	-.19	-.07

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*     DDH:  77X-06      *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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
685.2	169.4	328.7						77.	185.	20.0	185.0	-20.0	-.19	-.07
689.1	169.3	329.0						77.	185.	20.1	185.0	-20.1	-.19	-.07
693.4	169.2	329.3						65.	185.	33.1	185.0	-33.1	-.17	-.11
695.6	169.1	329.5						84.	185.					
699.8	169.1	329.8						73.	185.	24.8	185.0	-24.8	-.18	-.08
702.8	169.0	329.9						74.	185.	23.8	185.0	-23.8	-.18	-.08
708.0	168.8	329.0						75.	185.	22.6	185.0	-22.6	-.18	-.08
714.5	168.5	327.8						83.	185.	9.3	185.0	-9.3	-.20	-.03
720.7	168.3	326.8						83.	185.					
726.6	168.1	325.7						79.	185.	1.2	185.0	-1.2	-.20	-.00
										17.3	185.0	-17.3	-.19	-.06
732.8	167.8	324.6						82.	185.	7.9	185.0	-7.9	-.20	-.03
										10.8	185.0	-10.8	-.20	-.04
738.4	167.6	323.7						81.	185.	5.5	185.0	-5.5	-.20	-.02
										13.2	185.0	-13.2	-.19	-.05
745.2	167.4	322.5						77.	185.	19.3	185.0	-19.3	-.19	-.07
751.2	167.1	321.4						75.	185.	21.6	185.0	-21.6	-.19	-.07
757.5	166.9	320.3						82.	185.					
763.0	166.7	319.4						73.	185.	23.6	185.0	-23.6	-.18	-.08
769.6	166.4	318.2						73.	185.	23.3	185.0	-23.3	-.18	-.08
775.8	166.2	317.1						72.	185.	24.3	185.0	-24.3	-.18	-.08
781.8	166.0	316.1						64.	185.	33.2	185.0	-33.2	-.17	-.11
787.4	165.7	315.1						73.	185.	22.5	185.0	-22.5	-.18	-.08
793.3	165.5	314.1						77.	185.	2.6	185.0	-2.6	-.20	-.01
										15.9	185.0	-15.9	-.19	-.05
798.6	165.5	314.0						77.	185.	2.6	185.0	-2.6	-.20	-.01
										15.9	185.0	-15.9	-.19	-.05

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

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PROGRAM COMMAND:  PLOTA,2000,095


            ************************
            *    DDH:  77X-06     *     START PLOT NUMBER  3
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                  PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                  PROJECTION PLANE BEARS   95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                  X-AXIS PLOT LIMITS:  -1.71 -   0.   (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  15.57 (INCHES)

                  BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 353

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

PROGRAM COMMAND:  PLOTB,2000,095


            ************************
            *    DDH:  77X-06     *     START PLOT NUMBER  4
            ************************

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

                  PROJECTION PLANE BEARS   95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                  X-AXIS PLOT LIMITS:  -1.71 -   0.   (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  15.57 (INCHES)

                  BOREHOLE LIMITS FOR PLOTTING:    0.  -   801.0 METERS     J =   1 - 353
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*    DDH:  77X-06     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
23.4	179.6	351.7						70.	185.	20.0	185.0	-.0	-.20	-.00
30.8	179.5	349.1						73.	185.	17.0	185.0	-.0	-.20	-.00
38.2	179.4	346.5						64.	185.	26.6	185.0	-.0	-.20	-.00
45.1	179.3	344.0						72.	185.	18.7	185.0	-.0	-.20	-.00
51.1	179.2	341.9						74.	185.	16.7	185.0	-.0	-.20	-.00
55.6	179.1	340.3						79.	185.	11.0	185.0	-.0	-.20	-.00
61.1	179.0	338.4						73.	185.	17.9	185.0	-.0	-.20	-.00
67.2	178.6	336.1						77.	185.	14.2	185.0	-.0	-.20	-.00
74.2	178.0	333.4						80.	185.	11.6	185.0	-.0	-.20	-.00
79.8	177.6	331.3						81.	185.	10.9	185.0	-.0	-.20	-.00
84.4	177.2	329.5						75.	185.	17.2	185.0	-.0	-.20	-.00
90.6	176.7	327.1						56.	185.	34.5	185.0	-.0	-.20	-.00
94.9	176.3	325.5						78.	185.	14.6	185.0	-.0	-.20	-.00
100.9	175.8	323.2						74.	185.	18.9	185.0	-.0	-.20	-.00
107.5	175.3	320.7						71.	185.	22.1	185.0	-.0	-.20	-.00
113.7	174.8	318.3						81.	185.	11.7	185.0	-.0	-.20	-.00
118.4	174.4	316.5						78.	185.	15.0	185.0	-.0	-.20	-.00
123.6	174.0	314.5						78.	185.	14.9	185.0	-.0	-.20	-.00
128.4	173.6	312.6						75.	185.	18.1	185.0	-.0	-.20	-.00
135.6	173.0	309.9						78.	185.	14.6	185.0	-.0	-.20	-.00
142.3	172.4	307.3						56.	185.	37.5	185.0	-.0	-.20	-.00
147.3	172.0	305.4						68.	185.	25.0	185.0	-.0	-.20	-.00
151.8	171.6	303.7						69.	185.	23.8	185.0	-.0	-.20	-.00
158.2	171.4	303.3						65.	185.	28.0	185.0	-.0	-.20	-.00
163.7	171.3	303.6						80.	185.	10.7	185.0	-.0	-.20	-.00
170.9	171.2	303.9						82.	185.	4.8	185.0	-.0	-.20	-.00
174.8	171.2	304.2						85.	185.					
180.2	171.1	304.5						86.	185.					
186.0	171.0	304.8						78.	185.	13.6	185.0	-.0	-.20	-.00
192.8	170.9	305.1						77.	185.	15.0	185.0	-.0	-.20	-.00
198.0	170.8	305.4						78.	185.	13.7	185.0	-.0	-.20	-.00
204.5	170.7	305.8						83.	185.					
210.3	170.6	306.1						83.	185.					
216.3	170.5	306.4						84.	185.					
221.8	170.4	306.7						78.	185.	13.9	185.0	-.0	-.20	-.00
228.4	170.3	307.1						81.	185.	1.5	185.0	-.0	-.20	-.00
										8.9	185.0	-.0	-.20	-.00
232.4	170.2	307.3						79.	185.	12.5	185.0	-.0	-.20	-.00
238.3	170.1	307.6						74.	185.	19.1	185.0	-.0	-.20	-.00
243.2	170.0	307.9						80.	185.	.1	185.0	-.0	-.20	-.00
										10.9	185.0	-.0	-.20	-.00

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*      DDH:  77X-06     *      ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

			S1 PLANE (NOT PLOTTED)					S2 PLANE (PLOTTED)					PLOT PARAMETERS	
DDH			OBSERVED		CALCULATED			OBSERVED		CALCULATED				
METERS	Z-ANG	AZ	CA	DIPD	DIP	DIPD	AP-DIP	CA	DIPD	DIP	DIPD	AP-DIP	H	V
249.6	170.0	308.3						67.	185.	27.0	185.0	-.0	-.20	-.00
255.4	170.1	308.6						81.	185.	1.9	185.0	-.0	-.20	-.00
										9.2	185.0	-.0	-.20	-.00
261.8	170.1	308.9						82.	185.	5.3	185.0	-.0	-.20	-.00
266.7	170.1	309.2						80.	185.	11.4	185.0	-.0	-.20	-.00
271.3	170.1	309.4						77.	185.	15.8	185.0	-.0	-.20	-.00
278.9	170.2	309.9						73.	185.	20.7	185.0	-.0	-.20	-.00
283.9	170.2	310.1						90.	185.					
291.4	170.3	310.5						90.	185.					
296.7	170.3	310.8						72.	185.	22.0	185.0	-.0	-.20	-.00
300.1	170.3	311.0						86.	185.					
306.6	170.3	311.4						82.	185.	4.0	185.0	-.0	-.20	-.00
										7.6	185.0	-.0	-.20	-.00
312.0	170.4	311.7						90.	185.					
319.1	170.4	312.0						78.	185.	15.1	185.0	-.0	-.20	-.00
324.7	170.4	312.4						66.	185.	28.7	185.0	-.0	-.20	-.00
330.4	170.5	312.7						74.	185.	20.0	185.0	-.0	-.20	-.00
337.4	170.5	313.0						75.	185.	18.9	185.0	-.0	-.20	-.00
371.4	171.1	311.1						82.	185.	1.7	185.0	-.0	-.20	-.00
										8.8	185.0	-.0	-.20	-.00
376.7	171.2	310.8						83.	185.	5.0	185.0	-.0	-.20	-.00
378.6	171.2	310.7						78.	185.	14.8	185.0	-.0	-.20	-.00
383.7	171.3	310.4						85.	185.					
388.1	171.3	310.2						77.	185.	16.0	185.0	-.0	-.20	-.00
394.5	171.5	309.8						90.	185.					
398.4	171.5	309.6						78.	185.	14.6	185.0	-.0	-.20	-.00
404.4	171.6	309.3						86.	185.					
410.9	171.7	308.9						80.	185.	11.9	185.0	-.0	-.20	-.00
415.6	171.8	308.7						68.	185.	25.5	185.0	-.0	-.20	-.00
422.1	171.9	308.3						68.	185.	25.5	185.0	-.0	-.20	-.00
426.4	172.0	308.1						76.	185.	16.7	185.0	-.0	-.20	-.00
432.2	172.0	308.7						75.	185.	17.9	185.0	-.0	-.20	-.00
437.8	171.9	309.7						90.	185.					
440.5	171.9	310.1						80.	185.	12.2	185.0	-.0	-.20	-.00
444.6	171.9	310.8						64.	185.	30.0	185.0	-.0	-.20	-.00
450.8	171.9	311.8						73.	185.	20.6	185.0	-.0	-.20	-.00
455.9	171.8	312.7						67.	185.	27.2	185.0	-.0	-.20	-.00
462.0	171.8	313.7						69.	185.	25.2	185.0	-.0	-.20	-.00
468.2	171.8	314.7						72.	185.	22.2	185.0	-.0	-.20	-.00
474.0	171.7	315.7						76.	185.	18.0	185.0	-.0	-.20	-.00
478.5	171.7	316.4						84.	185.	5.3	185.0	-.0	-.20	-.00

****
*   DDH: 77X-06   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

			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
483.5	171.7	317.3						77.	185.	17.1	185.0	-.0	-.20	-.00
489.5	171.7	318.3						87.	185.					
495.5	171.6	319.3						82.	185.	.6	185.0	-.0	-.20	-.00
										11.2	185.0	-.0	-.20	-.00
501.0	171.6	320.2						62.	185.	33.4	185.0	-.0	-.20	-.00
505.5	171.6	320.9						73.	185.	22.0	185.0	-.0	-.20	-.00
510.8	171.5	321.8						67.	185.	28.5	185.0	-.0	-.20	-.00
516.1	171.5	322.7						87.	185.					
520.0	171.5	323.0						90.	185.					
526.4	171.5	323.0						75.	185.	20.2	185.0	-.0	-.20	-.00
533.9	171.4	323.0						78.	185.	17.0	185.0	-.0	-.20	-.00
537.5	171.4	323.0						73.	185.	22.4	185.0	-.0	-.20	-.00
541.3	171.4	323.0						82.	185.	.8	185.0	-.0	-.20	-.00
										12.0	185.0	-.0	-.20	-.00
547.5	171.3	323.0						79.	185.	15.8	185.0	-.0	-.20	-.00
552.3	171.3	323.0						79.	185.	15.8	185.0	-.0	-.20	-.00
557.1	171.3	323.0						77.	185.	18.1	185.0	-.0	-.20	-.00
563.3	171.3	323.0						83.	185.	2.6	185.0	-.0	-.20	-.00
										10.4	185.0	-.0	-.20	-.00
567.5	171.2	323.0						69.	185.	26.8	185.0	-.0	-.20	-.00
569.9	171.2	323.0						69.	185.	26.8	185.0	-.0	-.20	-.00
573.5	171.2	323.0						55.	185.	41.1	185.0	-.0	-.20	-.00
579.4	171.2	323.0						75.	185.	20.4	185.0	-.0	-.20	-.00
584.0	171.1	323.0						78.	185.	17.1	185.0	-.0	-.20	-.00
590.5	171.1	323.0						41.	185.	55.4	185.0	-.0	-.20	-.00
597.0	171.1	323.0						77.	185.	18.2	185.0	-.0	-.20	-.00
600.7	171.1	323.0						68.	185.	27.9	185.0	-.0	-.20	-.00
605.3	171.0	323.0						68.	185.	27.9	185.0	-.0	-.20	-.00
611.4	171.0	323.0						63.	185.	33.1	185.0	-.0	-.20	-.00
617.2	170.9	323.5						75.	185.	20.6	185.0	-.0	-.20	-.00
623.6	170.7	324.0						87.	185.					
629.7	170.6	324.4						70.	185.	26.2	185.0	-.0	-.20	-.00
635.7	170.5	324.9						72.	185.	24.3	185.0	-.0	-.20	-.00
640.7	170.3	325.3						71.	185.	25.5	185.0	-.0	-.20	-.00
645.0	170.3	325.6						68.	185.	28.7	185.0	-.0	-.20	-.00
651.0	170.1	326.1						75.	185.	21.4	185.0	-.0	-.20	-.00
657.1	170.0	326.5						70.	185.	26.9	185.0	-.0	-.20	-.00
661.7	169.9	326.9						71.	185.	26.0	185.0	-.0	-.20	-.00
667.8	169.8	327.4						75.	185.	21.8	185.0	-.0	-.20	-.00
673.9	169.6	327.8						73.	185.	24.2	185.0	-.0	-.20	-.00
680.3	169.5	328.3						77.	185.	19.9	185.0	-.0	-.20	-.00

```
************************
*     DDH:  77X-06     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
```

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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
685.2	169.4	328.7						77.	185.	20.0	185.0	-.0	-.20	-.00
689.1	169.3	329.0						77.	185.	20.1	185.0	-.0	-.20	-.00
693.4	169.2	329.3						65.	185.	33.1	185.0	-.0	-.20	-.00
695.6	169.1	329.5						84.	185.					
699.8	169.1	329.8						73.	185.	24.8	185.0	-.0	-.20	-.00
702.8	169.0	329.9						74.	185.	23.8	185.0	-.0	-.20	-.00
708.0	168.8	329.0						75.	185.	22.6	185.0	-.0	-.20	-.00
714.5	168.5	327.8						83.	185.	9.3	185.0	-.0	-.20	-.00
720.7	168.3	326.8						83.	185.					
726.6	168.1	325.7						79.	185.	1.2	185.0	-.0	-.20	-.00
										17.3	185.0	-.0	-.20	-.00
732.8	167.8	324.6						82.	185.	7.9	185.0	-.0	-.20	-.00
										10.8	185.0	-.0	-.20	-.00
738.4	167.6	323.7						81.	185.	5.5	185.0	-.0	-.20	-.00
										13.2	185.0	-.0	-.20	-.00
745.2	167.4	322.5						77.	185.	19.3	185.0	-.0	-.20	-.00
751.2	167.1	321.4						75.	185.	21.6	185.0	-.0	-.20	-.00
757.5	166.9	320.3						82.	185.					
763.0	166.7	319.4						73.	185.	23.6	185.0	-.0	-.20	-.00
769.6	166.4	318.2						73.	185.	23.3	185.0	-.0	-.20	-.00
775.8	166.2	317.1						72.	185.	24.3	185.0	-.0	-.20	-.00
781.8	166.0	316.1						64.	185.	33.2	185.0	-.0	-.20	-.00
787.4	165.7	315.1						73.	185.	22.5	185.0	-.0	-.20	-.00
793.3	165.5	314.1						77.	185.	2.6	185.0	-.0	-.20	-.00
										15.9	185.0	-.0	-.20	-.00
798.6	165.5	314.0						77.	185.	2.6	185.0	-.0	-.20	-.00
										15.9	185.0	-.0	-.20	-.00

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

```
 STOP ALL PLOTS FINISHED
SRU'S:43.3
!OFF
USAGE ON 11/15/77 AT 16:17:00
SRU'S:98.6       ELAPSED TIME: 00:02:39
```

77X-07

GPS PQS001,,DRHOLE AT: 11/15/77 16:47:24 JOB: 24915 UU 40-01-048 8888888888 9

```
!EQUATE 1 77X07D.FD
!DEFINE 77X07D.TD KEY:
!EQUATE 2 77X07D.TD
!DDHCOR.DH
```

```
************************
*    DDH:  77X-07      *
************************

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
          1........0.........0.........0.........0.........0.
     1    T77X-07  01016.522647797000322130 METERS
     2    R77X-07  00000         180.0 000.0 AT COLLAR  VERTICAL
     3    R77X-07  01310         179.0 320.0
     4    R77X-07  01965         178.0 320.0
     5    R77X-07  02728         174.0 313.0
     6    R77X-07  03490         172.0 304.0
     7    R77X-07  04252         170.5 323.0
     8    R77X-07  04922         170.0 315.0
     9    L77X-07  00000 01073 01    #
    10    L77X-07  01073 01331 02 5B0
    11    L77X-07  01331 01384 03 5D6
    12    L77X-07  01384 01411 04 5B6
    13    L77X-07  01411 01414 05 5C6
    14    L77X-07  01414 01462 06 5B6
    15    L77X-07  01462 01478 07 5D6
    16    L77X-07  01478 01618 08 5B0
    17    L77X-07  01618 01730 09 5B2
    18    L77X-07  01730 01733 10 5D3
    19    L77X-07  01733 01905 11 5B0
    20    L77X-07  01905 02039 12 5BD
    21    L77X-07  02039 02067 13 5B0
    22    L77X-07  02067 02329 14 5B0
    23    L77X-07  02329 02364 15 5B0
    24    L77X-07  02364 02467 16 5B0
    25    L77X-07  02467 02611 17 5DB
    26    L77X-07  02611 02682 18 5D3
    27    L77X-07  02682 02693 19 5D4
    28    L77X-07  02693 02708 20 5C3
    29    L77X-07  02708 02890 21 5D3
    30    L77X-07  02890 02938 22 5D3
    31    L77X-07  02938 02970 23 5D4
    32    L77X-07  02970 03071 24 5D3
    33    L77X-07  03071 03103 25 5D6
    34    L77X-07  03103 03200 26 5D3
    35    L77X-07  03200 03234 27 5D3
    36    L77X-07  03234 03296 28 5D3
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
      ***********************
      *    DDH:  77X-07     *
      ***********************

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

                1         2         3         4         5
      1.........0.........0.........0.........0.........0.
  37  L77X-07  03296 03325 29 5B2
  38  L77X-07  03325 03356 30 5D3
  39  L77X-07  03356 03386 31 5B0
  40  L77X-07  03386 03391 32 5D6
  41  L77X-07  03391 03408 33 5B6
  42  L77X-07  03408 03415 34 5A*
  43  L77X-07  03415 03438 35 5B6
  44  L77X-07  03438 03471 36 5D6
  45  L77X-07  03471 03554 37 5B7
  46  L77X-07  03625 03820 39 0F0
  47  L77X-07  03820 04030 40 5A6
  48  L77X-07  04030 04171 41 5B7
  49  L77X-07  04171 04180 42 5D6
  50  L77X-07  04180 04189 43 5B7
  51  L77X-07  04189 04255 44 3D1
  52  L77X-07  04255 04297 45 5B7
  53  L77X-07  04297 04419 46 3D1
  54  L77X-07  04419 04433 47 3D4
  55  L77X-07  04433 04457 48 3D1
  56  L77X-07  04457 04553 49 3D4
  57  L77X-07  04553 04621 50 3D1
  58  L77X-07  04621 04656 51 3D4
  59  L77X-07  04656 04694 52 3D1
  60  L77X-07  04694 04803 53 3D4
  61  L77X-07  04803 04887 54 3D1
  62  L77X-07  04887 04922 55 3D4
  63  S77X-07        01097 CS2   00185 65185
  64  S77X-07        01189 CS2         80185
  65  S77X-07        01225  F2 E
  66  S77X-07        01240 CS2         70185
  67  S77X-07        01256  F2 3
  68  S77X-07        01350 CS2         50185
  69  S77X-07        01445 CS2         65185
  70  S77X-07        01539 CS2         70185
  71  S77X-07        01634 CS2         70185
  72  S77X-07        01649 CS2 E
  73  S77X-07        01698 CS2         70185
  74  S77X-07        01721  F2 3
  75  S77X-07        01757 CS2         70185
  76  S77X-07        01829 CS2         80185
  77  S77X-07        01908 CS2         75185
  78  S77X-07        02001 CS2         70185
      1........1.........2.........3.........4.........5
               0         0         0         0         0
```

```
************************
*     DDH:  77X-07     *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     79   S77X-07           02042  F2 E
     80   S77X-07           02057 CS2           85185
     81   S77X-07           02088  F2 3
     82   S77X-07           02155 CS2           80185
     83   S77X-07           02240 CS2           65185
     84   S77X-07           02316 CS2           75185
     85   S77X-07           02408 CS2           90185
     86   S77X-07           02518 CS2           75185
     87   S77X-07           02603 CS2           50185
     88   S77X-07           02676 CS2           75185
     89   S77X-07           02789 CS2           60185
     90   S77X-07           02892 CS2           60185
     91   S77X-07           02981 CS2           80185
     92   S77X-07           03066 CS2           80185
     93   S77X-07           03142  F2 E
     94   S77X-07           03148 CS2           80185
     95   S77X-07           03162  F2 3
     96   S77X-07           03188 CS2           90185
     97   S77X-07           03243 CS2           80185
     98   S77X-07           03289  F2 E
     99   S77X-07           03301 CS2           65185
    100   S77X-07           03313  F2 3
    101   S77X-07           03346 CS2           70185
    102   S77X-07           03401 CS2           80185
    103   S77X-07           03404  F2 S
    104   S77X-07           03456 PS2           60185
    105   S77X-07           03542 PS2           65185
    106   S77X-07           03581  F2 S         70185
    107   S77X-07           03625  F2 S
    108   S77X-07           03820  F2 S         65185
    109   S77X-07           03892 CS2           55185
    110   S77X-07           03977 CS2           85185
    111   S77X-07           04054  F2 S         65185
    112   S77X-07           04096 PS2           70185
    113   S77X-07           04176 PS2           50185
    114   S77X-07           04212 PS2           65185
    115   S77X-07           04224  F2 S
    116   S77X-07           04267 CS2           80185
    117   S77X-07           04301  F2 S
    118   S77X-07           04349 PS2           85185
    119   S77X-07           04410 PS2           70185
    120   S77X-07           04483 PS2           80185
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
************************
*     DDH:  77X-07     *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
   121  S77X-07          04514 PS2         35005
   122  S77X-07          04596 PS2         70185
   123  S77X-07          04654 PS2         60005
   124  S77X-07          04733 PS2         70185
   125  S77X-07          04803 PS2         75185
   126  S77X-07          04892 PS2         75185
        1........1.........2.........3.........4.........5
                 0         0         0         0         0

DDH:  77X-07  -- 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   ( GENERATED TO DEPTH:  480.0 METERS )

     DRILLHOLE TRUE DEPTH (VERTICAL) =   492.2 METERS
```

```
************************
*     DDH:  77X-07     *
************************

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 -  179.00
                              AZIMUTH:         0.    -  320.00

     BOREHOLE SECTION  2  --  DEPTH:        131.00 -  196.50 METERS
                              ZENITH ANG:  179.00 -  178.00
                              AZIMUTH:      320.00 -  320.00

     BOREHOLE SECTION  3  --  DEPTH:        196.50 -  272.80 METERS
                              ZENITH ANG:  178.00 -  174.00
                              AZIMUTH:      320.00 -  313.00

     BOREHOLE SECTION  4  --  DEPTH:        272.80 -  349.00 METERS
                              ZENITH ANG:  174.00 -  172.00
                              AZIMUTH:      313.00 -  304.00

     BOREHOLE SECTION  5  --  DEPTH:        349.00 -  425.20 METERS
                              ZENITH ANG:  172.00 -  170.50
                              AZIMUTH:      304.00 -  323.00

     BOREHOLE SECTION  6  --  DEPTH:        425.20 -  492.20 METERS
                              ZENITH ANG:  170.50 -  170.00
                              AZIMUTH:      323.00 -  315.00

FINISHED -- BOREHOLE LENGTH =    492.20 METERS
            FILE SIZE =      150
```

****
*   DDH: 77X-07   *   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
0.	R										0.	0.	0.	180.0	0.
107.3	L	01 #									107.3	-.3	.7	179.2	327.2
109.7	S				CS2			185.	65.	185.	109.7	-.3	.7	179.2	326.5
118.9	S				CS2				80.	185.	118.9	-.4	.8	179.1	323.7
122.5	S				F2	E					122.5	-.4	.9	179.1	322.6
124.0	S				CS2				70.	185.	124.0	-.4	.9	179.1	322.1
125.6	S				F2	3					125.6	-.4	.9	179.0	321.6
131.0	R										131.0	-.5	1.0	179.0	320.0
133.1	L	02 5B0									133.1	-.5	1.0	179.0	320.0
135.0	S				CS2				50.	185.	135.0	-.6	1.1	178.9	320.0
138.4	L	03 5D6									138.4	-.6	1.1	178.9	320.0
141.1	L	04 5B6									141.1	-.6	1.2	178.8	320.0
141.4	L	05 5C6									141.4	-.6	1.2	178.8	320.0
144.5	S				CS2				65.	185.	144.5	-.7	1.2	178.8	320.0
146.2	L	06 5B6									146.2	-.7	1.2	178.8	320.0
147.8	L	07 5D6									147.8	-.7	1.3	178.7	320.0
153.9	S				CS2				70.	185.	153.9	-.8	1.4	178.7	320.0
161.8	L	08 5B0									161.8	-.9	1.5	178.5	320.0
163.4	S				CS2				70.	185.	163.4	-1.0	1.5	178.5	320.0
164.9	S				CS2	E					164.9	-1.0	1.6	178.5	320.0
169.8	S				CS2				70.	185.	169.8	-1.1	1.7	178.4	320.0
172.1	S				F2	3					172.1	-1.1	1.7	178.4	320.0
173.0	L	09 5B2									173.0	-1.1	1.7	178.4	320.0
173.3	L	10 5D3									173.3	-1.1	1.8	178.4	320.0
175.7	S				CS2				70.	185.	175.7	-1.2	1.8	178.3	320.0
182.9	S				CS2				80.	185.	182.9	-1.3	2.0	178.2	320.0
190.5	L	11 5B0									190.5	-1.5	2.2	178.1	320.0
190.8	S				CS2				75.	185.	190.8	-1.5	2.2	178.1	320.0
196.5	R										196.5	-1.6	2.3	178.0	320.0
200.1	S				CS2				70.	185.	200.1	-1.7	2.4	177.8	319.7
203.9	L	12 5BD									203.9	-1.8	2.5	177.6	319.3
204.2	S				F2	E					204.2	-1.8	2.5	177.6	319.3
205.7	S				CS2				85.	185.	205.7	-1.8	2.6	177.5	319.2
206.7	L	13 5B0									206.7	-1.9	2.6	177.5	319.1
208.8	S				F2	3					208.8	-1.9	2.7	177.4	318.9
215.5	S				CS2				80.	185.	215.5	-2.2	2.9	177.0	318.3

****
*   DDH: 77X-07   *   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	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
224.0	S				CS2				65.	185.	223.9	-2.5	3.3	176.6	317.5
231.6	S				CS2				75.	185.	231.5	-2.8	3.7	176.2	316.8
232.9	L	14 5B0									232.8	-2.9	3.7	176.1	316.7
236.4	L	15 5B0									236.3	-3.0	3.9	175.9	316.3
240.8	S				CS2				90.	185.	240.7	-3.3	4.1	175.7	315.9
246.7	L	16 5B0									246.6	-3.6	4.5	175.4	315.4
251.8	S				CS2				75.	185.	251.7	-3.9	4.8	175.1	314.9
260.3	S				CS2				50.	185.	260.1	-4.4	5.3	174.7	314.1
261.1	L	17 5DB									260.9	-4.5	5.3	174.6	314.1
267.6	S				CS2				75.	185.	267.4	-4.9	5.8	174.3	313.5
268.2	L	18 5D3									268.0	-5.0	5.8	174.2	313.4
269.3	L	19 5D4									269.1	-5.0	5.9	174.2	313.3
270.8	L	20 5C3									270.6	-5.2	6.0	174.1	313.2
272.8	R										272.6	-5.3	6.1	174.0	313.0
278.9	S				CS2				60.	185.	278.6	-5.8	6.6	173.8	312.3
289.0	L	21 5D3									288.7	-6.6	7.3	173.6	311.1
289.2	S				CS2				60.	185.	288.9	-6.6	7.3	173.6	311.1
293.8	L	22 5D3									293.4	-7.0	7.7	173.4	310.5
297.0	L	23 5D4									296.6	-7.3	7.9	173.4	310.1
298.1	S				CS2				80.	185.	297.7	-7.4	8.0	173.3	310.0
306.6	S				CS2				80.	185.	306.2	-8.2	8.6	173.1	309.0
307.1	L	24 5D3									306.7	-8.2	8.7	173.1	308.9
310.3	L	25 5D6									309.8	-8.5	8.9	173.0	308.6
314.2	S				F2	E					313.7	-8.9	9.2	172.9	308.1
314.8	S				CS2				80.	185.	314.3	-9.0	9.2	172.9	308.0
316.2	S				F2	3					315.7	-9.1	9.4	172.9	307.9
318.8	S				CS2				90.	185.	318.3	-9.3	9.6	172.8	307.6
320.0	L	26 5D3									319.5	-9.5	9.6	172.8	307.4
323.4	L	27 5D3									322.8	-9.8	9.9	172.7	307.0
324.3	S				CS2				80.	185.	323.7	-9.9	10.0	172.6	306.9
328.9	S				F2	E					328.3	-10.4	10.3	172.5	306.4
329.6	L	28 5D3									329.0	-10.5	10.4	172.5	306.3
330.1	S				CS2				65.	185.	329.5	-10.5	10.4	172.5	306.2
331.3	S				F2	3					330.7	-10.6	10.5	172.5	306.1
332.5	L	29 5B2									331.8	-10.8	10.6	172.4	305.9
334.6	S				CS2				70.	185.	333.9	-11.0	10.8	172.4	305.7
335.6	L	30 5D3									334.9	-11.1	10.8	172.4	305.6
338.6	L	31 5B0									337.9	-11.4	11.1	172.3	305.2
339.1	L	32 5D6									338.4	-11.5	11.1	172.3	305.2
340.1	S				CS2				80.	185.	339.4	-11.6	11.2	172.2	305.1

****
*   DDH: 77X-07   *   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	FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
340.4	S				F2	S					339.7	-11.6	11.2	172.2	305.0
340.8	L	33 5B6									340.1	-11.7	11.3	172.2	305.0
341.5	L	34 5A*									340.8	-11.7	11.3	172.2	304.9
343.8	L	35 5B6									343.0	-12.0	11.5	172.1	304.6
345.6	S				PS2				60.	185.	344.8	-12.2	11.6	172.1	304.4
347.1	L	36 5D6									346.3	-12.4	11.7	172.0	304.2
349.0	R										348.2	-12.6	11.9	172.0	304.0
354.2	S				PS2				65.	185.	353.3	-13.2	12.3	171.9	305.3
355.4	L	37 5B7									354.5	-13.3	12.4	171.9	305.6
358.1	S				F2	S			70.	185.	357.2	-13.6	12.6	171.8	306.3
362.5	S				F2	S					361.6	-14.1	13.0	171.7	307.4
382.0	L	39 0F0									380.8	-16.3	14.8	171.4	312.2
382.0	S				F2	S			65.	185.	380.8	-16.3	14.8	171.4	312.2
389.2	S				CS2				55.	185.	388.0	-17.1	15.6	171.2	314.0
397.7	S				CS2				85.	185.	396.4	-18.1	16.5	171.0	316.1
403.0	L	40 5A6									401.6	-18.6	17.1	170.9	317.5
405.4	S				F2	S			65.	185.	404.0	-18.9	17.4	170.9	318.1
409.6	S				PS2				70.	185.	408.1	-19.3	17.9	170.8	319.1
417.1	L	41 5B7									415.5	-20.1	18.8	170.7	321.0
417.6	S				PS2				50.	185.	416.0	-20.2	18.9	170.6	321.1
418.0	L	42 5D6									416.4	-20.2	18.9	170.6	321.2
418.9	L	43 5B7									417.3	-20.3	19.1	170.6	321.4
421.2	S				PS2				65.	185.	419.6	-20.5	19.3	170.6	322.0
422.4	S				F2	S					420.7	-20.6	19.5	170.6	322.3
425.2	R										423.5	-20.9	19.9	170.5	323.0
425.5	L	44 3D1									423.8	-21.0	19.9	170.5	323.0
426.7	S				CS2				80.	185.	425.0	-21.1	20.1	170.5	322.8
429.7	L	45 5B7									427.9	-21.4	20.5	170.5	322.5
430.1	S				F2	S					428.3	-21.4	20.5	170.5	322.4
434.9	S				PS2				85.	185.	433.1	-21.9	21.1	170.4	321.8
441.0	S				PS2				70.	185.	439.1	-22.5	21.9	170.4	321.1
441.9	L	46 3D1									440.0	-22.6	22.1	170.4	321.0
443.3	L	47 3D4									441.4	-22.8	22.2	170.4	320.8
445.7	L	48 3D1									443.7	-23.0	22.6	170.3	320.6
448.3	S				PS2				80.	185.	446.3	-23.3	22.9	170.3	320.2
451.4	S				PS2				35.	5.	449.3	-23.6	23.3	170.3	319.9
455.3	L	49 3D4									453.2	-24.1	23.8	170.3	319.4
459.6	S				PS2				70.	185.	457.4	-24.5	24.3	170.2	318.9

Note: column group heading "-------- STRUCTURAL LOG --------" spans FEAT, SYM, S1 and S2 columns.

****
* DDH: 77X-07 * 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
462.1	L	50 3D1						459.9	-24.8	24.7	170.2	318.6
465.4	S			PS2			60. 5.	463.1	-25.2	25.1	170.2	318.2
465.6	L	51 3D4						463.3	-25.2	25.1	170.2	318.2
469.4	L	52 3D1						467.1	-25.7	25.6	170.2	317.7
473.3	S			PS2			70. 185.	470.9	-26.1	26.1	170.1	317.3
480.3	L	53 3D4						477.8	-26.9	27.0	170.1	316.4
480.3	S			PS2			75. 185.	477.8	-26.9	27.0	170.1	316.4
488.7	L	54 3D1						486.1	-27.9	28.0	170.0	315.4
489.2	S			PS2			75. 185.	486.6	-28.0	28.1	170.0	315.4
492.2	L	55 3D4						489.5	-28.4	28.4	170.0	315.0
492.2	R							489.5	-28.4	28.4	170.0	315.0

FINISHED -- LENGTH = 492.20 METERS ENTRIES = 150

```
 STOP FINISHED
SRU'S:22.6
!*
!DEFINE 77X07D.PF KEY:0 ON:SPN
!EQUATE 20 77X07D.PF
!DDHPLT.DH
```

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

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 5B7
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,2000,005


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

                       PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                       PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                       X-AXIS PLOT LIMITS:   0.   -    .51 (INCHES)
                       Y-AXIS BOREHOLE LENGTH:   9.64 (INCHES)

                       BOREHOLE LIMITS FOR PLOTTING:    0.  -   492.2 METERS     J =   1 - 149

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

PROGRAM COMMAND:  PLOTB,2000,005


                 ************************
                 *     DDH:  77X-07     *     START PLOT NUMBER  2
                 ************************

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

                       PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                       X-AXIS PLOT LIMITS:   0.   -    .51 (INCHES)
                       Y-AXIS BOREHOLE LENGTH:   9.64 (INCHES)

                       BOREHOLE LIMITS FOR PLOTTING:    0.  -   492.2 METERS     J =   1 - 149
```

****
*   DDH: 77X-07   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 5.0   VIEW AZIMUTH = 275.0

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
109.7	179.2	326.5	0.	185.				65.	185.	25.6	185.0	-25.6	-.18	-.09
118.9	179.1	323.7						80.	185.	10.0	185.0	-10.0	-.20	-.03
124.0	179.1	322.1						70.	185.	20.7	185.0	-20.7	-.19	-.07
135.0	178.9	320.0						50.	185.	40.8	185.0	-40.8	-.15	-.13
144.5	178.8	320.0						65.	185.	25.8	185.0	-25.8	-.18	-.09
153.9	178.7	320.0						70.	185.	20.9	185.0	-20.9	-.19	-.07
163.4	178.5	320.0						70.	185.	21.0	185.0	-21.0	-.19	-.07
169.8	178.4	320.0						70.	185.	21.1	185.0	-21.1	-.19	-.07
175.7	178.3	320.0						70.	185.	21.2	185.0	-21.2	-.19	-.07
182.9	178.2	320.0						80.	185.	11.2	185.0	-11.2	-.20	-.04
190.8	178.1	320.0						75.	185.	16.3	185.0	-16.3	-.19	-.06
200.1	177.8	319.7						70.	185.	21.5	185.0	-21.5	-.19	-.07
205.7	177.5	319.2						85.	185.					
215.5	177.0	318.3						80.	185.	11.8	185.0	-11.8	-.20	-.04
224.0	176.6	317.5						65.	185.	27.2	185.0	-27.2	-.18	-.09
231.6	176.2	316.8						75.	185.	17.3	185.0	-17.3	-.19	-.06
240.8	175.7	315.9						90.	185.					
251.8	175.1	314.9						75.	185.	17.7	185.0	-17.7	-.19	-.06
260.3	174.7	314.1						50.	185.	43.2	185.0	-43.2	-.15	-.14
267.6	174.3	313.5						75.	185.	17.9	185.0	-17.9	-.19	-.06
278.9	173.8	312.3						60.	185.	33.4	185.0	-33.4	-.17	-.11
289.2	173.6	311.1						60.	185.	33.4	185.0	-33.4	-.17	-.11
298.1	173.3	310.0						80.	185.	12.2	185.0	-12.2	-.20	-.04
306.6	173.1	309.0						80.	185.	12.1	185.0	-12.1	-.20	-.04
314.8	172.9	308.0						80.	185.	11.9	185.0	-11.9	-.20	-.04
318.8	172.8	307.6						90.	185.					
324.3	172.6	306.9						80.	185.	11.7	185.0	-11.7	-.20	-.04
330.1	172.5	306.2						65.	185.	28.1	185.0	-28.1	-.18	-.09
334.6	172.4	305.7						70.	185.	22.8	185.0	-22.8	-.18	-.08
340.1	172.2	305.1						80.	185.	11.3	185.0	-11.3	-.20	-.04
345.6	172.1	304.4						60.	185.	33.2	185.0	-33.2	-.17	-.11
354.2	171.9	305.3						65.	185.	28.2	185.0	-28.2	-.18	-.09
358.1	171.8	306.3						70.	185.	23.1	185.0	-23.1	-.18	-.08
382.0	171.4	312.2						65.	185.	29.3	185.0	-29.3	-.17	-.10
389.2	171.2	314.0						55.	185.	40.0	185.0	-40.0	-.15	-.13
397.7	171.0	316.1						85.	185.					
405.4	170.9	318.1						65.	185.	30.4	185.0	-30.4	-.17	-.10
409.6	170.8	319.1						70.	185.	25.4	185.0	-25.4	-.18	-.09
417.6	170.6	321.1						50.	185.	46.4	185.0	-46.4	-.14	-.14
421.2	170.6	322.0						65.	185.	31.1	185.0	-31.1	-.17	-.10
426.7	170.5	322.8						80.	185.	14.8	185.0	-14.8	-.19	-.05

****
*   DDH: 77X-07   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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	-25.9	-.18	-.09
448.3	170.3	320.2						80.	185.	14.2	185.0	-14.2	-.19	-.05
451.4	170.3	319.9						35.	5.	47.8	5.0	47.8	.13	.15
459.6	170.2	318.9						70.	185.	25.6	185.0	-25.6	-.18	-.09
465.4	170.2	318.2						60.	5.	22.5	5.0	22.5	.18	.08
473.3	170.1	317.3						70.	185.	25.4	185.0	-25.4	-.18	-.09
480.3	170.1	316.4						75.	185.	19.7	185.0	-19.7	-.19	-.07
489.2	170.0	315.4						75.	185.	19.5	185.0	-19.5	-.19	-.07

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

```
PROGRAM COMMAND:  PLOTA,2000,095


             ***********************
             *     DDH:  77X-07     *     START PLOT NUMBER  3
             ***********************

                   PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                   PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                   X-AXIS PLOT LIMITS:    -.61 -    0.    (INCHES)
                   Y-AXIS BOREHOLE LENGTH:    9.64 (INCHES)

                   BOREHOLE LIMITS FOR PLOTTING:     0.  -    492.2 METERS     J =   1 - 149

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

PROGRAM COMMAND:  PLOTB,2000,095


             ***********************
             *     DDH:  77X-07     *     START PLOT NUMBER  4
             ***********************

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

                   PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                   X-AXIS PLOT LIMITS:    -.61 -    0.    (INCHES)
                   Y-AXIS BOREHOLE LENGTH:    9.64 (INCHES)

                   BOREHOLE LIMITS FOR PLOTTING:     0.  -    492.2 METERS     J =   1 - 149
```

****
* DDH: 77X-07 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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	-.0	-.20	-.00
118.9	179.1	323.7						80.	185.	10.0	185.0	-.0	-.20	-.00
124.0	179.1	322.1						70.	185.	20.7	185.0	-.0	-.20	-.00
135.0	178.9	320.0						50.	185.	40.8	185.0	-.0	-.20	-.00
144.5	178.8	320.0						65.	185.	25.8	185.0	-.0	-.20	-.00
153.9	178.7	320.0						70.	185.	20.9	185.0	-.0	-.20	-.00
163.4	178.5	320.0						70.	185.	21.0	185.0	-.0	-.20	-.00
169.8	178.4	320.0						70.	185.	21.1	185.0	-.0	-.20	-.00
175.7	178.3	320.0						70.	185.	21.2	185.0	-.0	-.20	-.00
182.9	178.2	320.0						80.	185.	11.2	185.0	-.0	-.20	-.00
190.8	178.1	320.0						75.	185.	16.3	185.0	-.0	-.20	-.00
200.1	177.8	319.7						70.	185.	21.5	185.0	-.0	-.20	-.00
205.7	177.5	319.2						85.	185.					
215.5	177.0	318.3						80.	185.	11.8	185.0	-.0	-.20	-.00
224.0	176.6	317.5						65.	185.	27.2	185.0	-.0	-.20	-.00
231.6	176.2	316.8						75.	185.	17.3	185.0	-.0	-.20	-.00
240.8	175.7	315.9						90.	185.					
251.8	175.1	314.9						75.	185.	17.7	185.0	-.0	-.20	-.00
260.3	174.7	314.1						50.	185.	43.2	185.0	-.0	-.20	-.00
267.6	174.3	313.5						75.	185.	17.9	185.0	-.0	-.20	-.00
278.9	173.8	312.3						60.	185.	33.4	185.0	-.0	-.20	-.00
289.2	173.6	311.1						60.	185.	33.4	185.0	-.0	-.20	-.00
298.1	173.3	310.0						80.	185.	12.2	185.0	-.0	-.20	-.00
306.6	173.1	309.0						80.	185.	12.1	185.0	-.0	-.20	-.00
314.8	172.9	308.0						80.	185.	11.9	185.0	-.0	-.20	-.00
318.8	172.8	307.6						90.	185.					
324.3	172.6	306.9						80.	185.	11.7	185.0	-.0	-.20	-.00
330.1	172.5	306.2						65.	185.	28.1	185.0	-.0	-.20	-.00
334.6	172.4	305.7						70.	185.	22.8	185.0	-.0	-.20	-.00
340.1	172.2	305.1						80.	185.	11.3	185.0	-.0	-.20	-.00
345.6	172.1	304.4						60.	185.	33.2	185.0	-.0	-.20	-.00
354.2	171.9	305.3						65.	185.	28.2	185.0	-.0	-.20	-.00
358.1	171.8	306.3						70.	185.	23.1	185.0	-.0	-.20	-.00
382.0	171.4	312.2						65.	185.	29.3	185.0	-.0	-.20	-.00
389.2	171.2	314.0						55.	185.	40.0	185.0	-.0	-.20	-.00
397.7	171.0	316.1						85.	185.					
405.4	170.9	318.1						65.	185.	30.4	185.0	-.0	-.20	-.00
409.6	170.8	319.1						70.	185.	25.4	185.0	-.0	-.20	-.00
417.6	170.6	321.1						50.	185.	46.4	185.0	-.0	-.20	-.00
421.2	170.6	322.0						65.	185.	31.1	185.0	-.0	-.20	-.00
426.7	170.5	322.8						80.	185.	14.8	185.0	-.0	-.20	-.00

```
************************
*     DDH:  77X-07     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************

PROJECTION PLANE AZIMUTH =  95.0      VIEW AZIMUTH =   5.0
```

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
434.9	170.4	321.8						85.	185.					
441.0	170.4	321.1						70.	185.	25.9	185.0	-.0	-.20	-.00
448.3	170.3	320.2						80.	185.	14.2	185.0	-.0	-.20	-.00
451.4	170.3	319.9						35.	5.	47.8	5.0	-.0	-.20	-.00
459.6	170.2	318.9						70.	185.	25.6	185.0	-.0	-.20	-.00
465.4	170.2	318.2						60.	5.	22.5	5.0	-.0	-.20	-.00
473.3	170.1	317.3						70.	185.	25.4	185.0	-.0	-.20	-.00
480.3	170.1	316.4						75.	185.	19.7	185.0	-.0	-.20	-.00
489.2	170.0	315.4						75.	185.	19.5	185.0	-.0	-.20	-.00

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

```
 STOP ALL PLOTS FINISHED
SRU'S:18.9
!OFF
USAGE ON 11/15/77 AT 16:17:13
SRU'S:45.9       ELAPSED TIME: 00:02:31
```

77X-08

GPS PQS001,,DRHOLE AT: 11/15/77 16:49:05 JOB: 24977 UU 40-01-048 8888888888 10

```
!EQUATE 1 77X08D.FD
!DEFINE 77X08D.TD KEY:
!EQUATE 2 77X08D.TD
!DDHCOR.DH
```

```
************************
*     DDH:  77X-08     *
************************

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
          1........0.........0.........0.........0.........0.
      1   T77X-08  01047.22264925600320599 METERS
      2   R77X-08  00000         180.0 000.0 AT COLLAR  VERTICAL
      3   R77X-08  00676         180.0 000.0
      4   R77X-08  01591         174.0 303.0
      5   R77X-08  02505         171.5 312.0
      6   R77X-08  03420         173.0 313.0
      7   R77X-08  04334         163.5 321.0
      8   R77X-08  05248         162.0 327.0
      9   R77X-08  06163         160.0 333.0
     10   R77X-08  07077         161.0 333.0
     11   R77X-08  07991         161.0 328.0
     12   R77X-08  08906         163.5 323.0
     13   R77X-08  09817         167.0 328.0
     14   L77X-08  00000 00463 01    #
     15   L77X-08  00463 00529 02 5B6
     16   L77X-08  00529 00622 03 5D3
     17   L77X-08  00622 00642 04 5B6
     18   L77X-08  00642 00696 05 5D3
     19   L77X-08  00696 00709 06 5B6
     20   L77X-08  00709 00722 07 5CD
     21   L77X-08  00722 00741 08 5B0
     22   L77X-08  00741 00760 09 5D3
     23   L77X-08  00760 00820 10 5B6
     24   L77X-08  00820 01024 11 5B0
     25   L77X-08  01024 01225 12 5B7
     26   L77X-08  01225 01262 13 5D3
     27   L77X-08  01262 01297 14 5B0
     28   L77X-08  01297 01335 15 5B7
     29   L77X-08  01335 01530 16 5B0
     30   L77X-08  01530 01759 17 0F9
     31   L77X-08  01759 01818 18 5B0
     32   L77X-08  01818 01823 19 5D3
     33   L77X-08  01823 01838 20 5B0
     34   L77X-08  01838 01859 21 5D3
     35   L77X-08  01859 02112 22 5B0
     36   L77X-08  02112 02132 23 5D3
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
*************************
*     DDH:  77X-08      *
*************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
    37    L77X-08  02132 02399 24 5B0
    38    L77X-08  02399 02426 25 5B0
    39    L77X-08  02426 02510 26 5B0
    40    L77X-08  02510 02682 27 5B0
    41    L77X-08  02682 02697 28 5E0
    42    L77X-08  02697 02710 29 5B0
    43    L77X-08  02710 02714 30 0E7
    44    L77X-08  02714 02717 31 5B0
    45    L77X-08  02717 02728 32 0E7
    46    L77X-08  02728 02737 33 5B0
    47    L77X-08  02737 02742 34 0E7
    48    L77X-08  02742 02886 35 5B0
    49    L77X-08  02886 02893 36 5B0
    50    L77X-08  02893 03103 37 5B0
    51    L77X-08  03103 03106 38 5D3
    52    L77X-08  03106 03184 39 5B0
    53    L77X-08  03184 03196 40 5B6
    54    L77X-08  03196 03200 41 0E7
    55    L77X-08  03200 03584 42 5B7
    56    L77X-08  03584 03644 43 5B7
    57    L77X-08  03644 03646 44 4A0
    58    L77X-08  03646 03684 45 5D3
    59    L77X-08  03684 03699 46 5B2
    60    L77X-08  03699 03708 47 5D3
    61    L77X-08  03708 03726 48 5B2
    62    L77X-08  03726 03772 49 5B7
    63    L77X-08  03772 03776 50 5D3
    64    L77X-08  03776 03780 51 4A0
    65    L77X-08  03780 03784 52 4L0
    66    L77X-08  03784 03790 53 4A0
    67    L77X-08  03790 03796 54 4L0
    68    L77X-08  03796 03844 55 5D3
    69    L77X-08  03844 03892 56 5B7
    70    L77X-08  03892 03904 57 5D3
    71    L77X-08  03904 04167 58 5DB
    72    L77X-08  04167 04293 59 5DB
    73    L77X-08  04293 04310 60 5D3
    74    L77X-08  04310 04322 61 5B7
    75    L77X-08  04322 04333 62 5D3
    76    L77X-08  04333 04366 63 5B7
    77    L77X-08  04366 04375 64 5D3
    78    L77X-08  04375 04397 65 5B7
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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************************
*     DDH:  77X-08     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
    79   L77X-08  04397 04418 66 5D3
    80   L77X-08  04418 04440 67 5B7
    81   L77X-08  04440 04456 68 5D3
    82   L77X-08  04456 04474 69 5B7
    83   L77X-08  04474 04490 70 5D3
    84   L77X-08  04490 04537 71 5B2
    85   L77X-08  04537 04563 72 5D3
    86   L77X-08  04563 04734 73 5BD
    87   L77X-08  04734 04753 74 5B6
    88   L77X-08  04753 04825 75 5D3
    89   L77X-08  04825 04965 76 5B6
    90   L77X-08  04965 05043 77 5D3
    91   L77X-08  05043 05084 78 5B6
    92   L77X-08  05084 05101 79 5D3
    93   L77X-08  05101 05121 80 5B6
    94   L77X-08  05121 05566 81 5D3
    95   L77X-08  05566 05605 82 5B7
    96   L77X-08  05605 05621 83 5D3
    97   L77X-08  05621 05746 84 5B7
    98   L77X-08  05746 05797 85 5D3
    99   L77X-08  05797 05811 86 5D
   100   L77X-08  05811 05861 87 5D3
   101   L77X-08  05861 05869 88 5B7
   102   L77X-08  05869 05883 89 5D3
   103   L77X-08  05883 05904 90 5D
   104   L77X-08  05904 05925 91 5D3
   105   L77X-08  05925 05973 92 5B2
   106   L77X-08  05973 05980 93 5DB
   107   L77X-08  05980 05985 94
   108   L77X-08  05985 05995 95 5D
   109   L77X-08  05995 06029 96 5D3
   110   L77X-08  06029 06085 97 5D
   111   L77X-08  06085 06100 98 5D
   112   L77X-08  06100 06153 99 5D3
   113   L77X-08  06153 06171 01 5B7
   114   L77X-08  06171 06203 02 5D3
   115   L77X-08  06203 06214 03 5B7
   116   L77X-08  06214 06223 04 5D3
   117   L77X-08  06223 06240 05 5B7
   118   L77X-08  06240 06252 06 5D3
   119   L77X-08  06252 06312 07 5D
   120   L77X-08  06312 06344 08 5D3
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

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************************
*     DDH:  77X-08     *
************************

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

                   1         2         3         4         5
         1.........0.........0.........0.........0.........0.
    121  L77X-08   06344 06361 09 5B7
    122  L77X-08   06361 06410 10 5D3
    123  L77X-08   06410 06440 11 5BD
    124  L77X-08   06440 06466 12 5D3
    125  L77X-08   06466 06473 13 5B7
    126  L77X-08   06473 06663 14 5D3
    127  L77X-08   06663 06680 15 5D
    128  L77X-08   06680 06794 16 5B7
    129  L77X-08   06794 06807 17 5D
    130  L77X-08   06807 06976 18 5D3
    131  L77X-08   06976 07068 19 5B7
    132  L77X-08   07068 07078 20 5D3
    133  L77X-08   07078 07372 21 5B7
    134  L77X-08   07372 07459 22 5D3
    135  L77X-08   07459 07689 23 5B7
    136  L77X-08   07689 07739 24 5D3
    137  L77X-08   07739 07756 25 5B7
    138  L77X-08   07756 07761 26 5D3
    139  L77X-08   07761 07807 27 5B7
    140  L77X-08   07807 07818 28 5D3
    141  L77X-08   07818 07880 29 5B7
    142  L77X-08   07880 07900 30 5D3
    143  L77X-08   07900 08803 31 5B7
    144  L77X-08   08803 08810 32 5D3
    145  L77X-08   08810 08855 33 5A3
    146  L77X-08   08855 08856 34 5E2
    147  L77X-08   08856 08865 35 5B7
    148  L77X-08   08865 08873 36 5D6
    149  L77X-08   08873 08901 37 0G6
    150  L77X-08   08901 09005 38 0G0
    151  L77X-08   09005 09398 39 0G0
    152  L77X-08   09398 09512 40 0G0
    153  L77X-08   09512 09545 41 0G6
    154  L77X-08   09544 09576 42 0C6
    155  L77X-08   09576 09594 43 0C0
    156  L77X-08   09594 09627 44 3D8
    157  L77X-08   09627 09670 45 0C6
    158  L77X-08   09670 09675 46 3D8
    159  L77X-08   09675 09689 47 0C0
    160  L77X-08   09689 09700 48 3D4
    161  L77X-08   09700 09712 49 0C0
    162  L77X-08   09712 09751 50 3D8
         1.........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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************************
*     DDH:  77X-08     *
************************

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

                 1         2         3         4         5
        1........0.........0.........0.........0.........0.
   163  L77X-08  09751 09753 51 0E8
   164  L77X-08  09753 09772 52 3D4
   165  L77X-08  09772 09776 53 3D4
   166  L77X-08  09776 09778 53 3D4
   167  L77X-08  09778 09780 54 0C0
   168  L77X-08  09780 09791 53 3D4
   169  L77X-08  09791 09811 54 0C0
   170  L77X-08  09811 09814 55 3D4
   171  L77X-08  09814 09817 56 0C0
   172  L77X-08  09817 09846 57 3D4
   173  L77X-08  09846 09912 58 0C0
   174  S77X-08        00467 PS2 S       85185
   175  S77X-08        00526 PS2 S       85185
   176  S77X-08        00579 PS2 S       68185
   177  S77X-08        00613  F2 E       80185
   178  S77X-08        00652 PS2 Z       63185
   179  S77X-08        00690 PS2 Z       73185
   180  S77X-08        00731 PS2 Z       69185
   181  S77X-08        00795 PS2 Z       58185
   182  S77X-08        00802  F2 3       63185
   183  S77X-08        00853 PS2 S       66185
   184  S77X-08        00907 PS2 S       70185
   185  S77X-08        00953 PS2 S       70185
   186  S77X-08        00990 PS2 S       70185
   187  S77X-08        01000  F2 E       85185
   188  S77X-08        01006 PS2 Z       72185
   189  S77X-08        01010  F2 3       83185
   190  S77X-08        01060 PS2 S       68185
   191  S77X-08        01117 PS2 S       85185
   192  S77X-08        01166 PS2 S       80185
   193  S77X-08        01210 PS2 S       70185
   194  S77X-08        01248  F2 E       82185
   195  S77X-08        01287 PS2 Z       76185
   196  S77X-08        01291  F2 3
   197  S77X-08        01300 PS2 S       80185
   198  S77X-08        01306  F2 E
   199  S77X-08        01320  F2 3
   200  S77X-08        01362 PS2 S       77185
   201  S77X-08        01406 PS2 S       70185
   202  S77X-08        01454 PS2 S       75185
   203  S77X-08        01491  F2 E       77185
   204  S77X-08        01499  F2 3
        1........1.........2.........3.........4.........5
                 0         0         0         0         0
```

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************************
*    DDH:  77X-08      *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
     205  S77X-08          01525 PS2 S        79185
     206  S77X-08          01767 PS2 Z        85185
     207  S77X-08          01786  F2 3
     208  S77X-08          01824 PS2 S        75185
     209  S77X-08          01885 PS2 S        77185
     210  S77X-08          01944 PS2 S        86185
     211  S77X-08          02010 PS2 S        80185
     212  S77X-08          02056 PS2 S        83185
     213  S77X-08          02111 PS2 S        83185
     214  S77X-08          02154 PS2 S        77185
     215  S77X-08          02196 PS2 S        73185
     216  S77X-08          02246 PS2 S        73185
     217  S77X-08          02291 PS2 S        81185
     218  S77X-08          02341 PS2 S        65185
     219  S77X-08          02390  F2 E
     220  S77X-08          02443 PS2 Z        78185
     221  S77X-08          02506 PS2 Z        75185
     222  S77X-08          02544 PS2 S        76185
     223  S77X-08          02597 PS2 S        76185
     224  S77X-08          02640 PS2 S        75185
     225  S77X-08          02682 PS2 S        80185
     226  S77X-08          02730 PS2 S        77185
     227  S77X-08          02775 PS2 S        05185
     228  S77X-08          02783  F2 E          185
     229  S77X-08          02797  F2 3
     230  S77X-08          02825 PS2          79185
     231  S77X-08          02872 PS2          83185
     232  S77X-08          02923 PS2          80185
     233  S77X-08          02977 PS2          83185
     234  S77X-08          03033 PS2          75185
     235  S77X-08          03087 PS2          72185
     236  S77X-08          03142 PS2          80185
     237  S77X-08          03159  F2 E
     238  S77X-08          03311 PS2          78185
     239  S77X-08          03363 PS2          65185
     240  S77X-08          03410 PS2          90185
     241  S77X-08          03462 PS2          73185
     242  S77X-08          03507 PS2          80185
     243  S77X-08          03557 PS2          80185
     244  S77X-08          03590 PS2          55185
     245  S77X-08          03655 PS2          73185
     246  S77X-08          03712 PS2          70185
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

```
************************
*    DDH:  77X-08      *
************************

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

                  1         2         3         4         5
      1.........0.........0.........0.........0.........0.
 247  S77X-08        03749 PS2         65185
 248  S77X-08        03786 PS2         50185
 249  S77X-08        03825 PS2         70185
 250  S77X-08        03865 PS2         70185
 251  S77X-08        03918 PS2         70185
 252  S77X-08        03963 PS2         80185
 253  S77X-08        04002 PS2         82185
 254  S77X-08        04054 PS2         70185
 255  S77X-08        04109 PS2         80185
 256  S77X-08        04154 PS2         73185
 257  S77X-08        04210 PS2         68185
 258  S77X-08        04264 PS2         82185
 259  S77X-08        04304 PS2         87185
 260  S77X-08        04354 PS2         86185
 261  S77X-08        04412  F2 E
 262  S77X-08        04420  F2 3
 263  S77X-08        04455             72185
 264  S77X-08        04510             60185
 265  S77X-08        04551  F2 E       87185
 266  S77X-08        04575  F2 E       81185
 267  S77X-08        04624 PS2 S       79185
 268  S77X-08        04675 PS2 S       80185
 269  S77X-08        04703 PS2 E       60185
 270  S77X-08        04732 PS2 Z       82185
 271  S77X-08        04800     3       83185
 272  S77X-08        04855     S       74185
 273  S77X-08        04910     S       78185
 274  S77X-08        04950     S       85185
 275  S77X-08        04997     S       83185
 276  S77X-08        05060     S       88185
 277  S77X-08        05110     S       85185
 278  S77X-08        05166     S       80185
 279  S77X-08        05227     S       79185
 280  S77X-08        05294     S       80185
 281  S77X-08        05325     S       86185
 282  S77X-08        05371     S       85185
 283  S77X-08        05420     S       85185
 284  S77X-08        05478     S       77185
 285  S77X-08        05521     S       80185
 286  S77X-08        05567     S       80185
 287  S77X-08        05629     S       75185
 288  S77X-08        05660     S       75185
      1.........1.........2.........3.........4.........5
                0         0         0         0         0
```

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************************
*     DDH:  77X-08     *
************************

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

                   1         2         3         4         5
          1........0.........0.........0.........0.........0.
   289  S77X-08        05664  F2 E
   290  S77X-08        05690  F2 3
   291  S77X-08        05721 PS2 S       77185
   292  S77X-08        05770 PS2 S       83185
   293  S77X-08        05828 PS2 S       76185
   294  S77X-08        05874 PS2 S       72185
   295  S77X-08        05935             86185
   296  S77X-08        05978             65185
   297  S77X-08        06026             82185
   298  S77X-08        06087             77185
   299  S77X-08        06135             90185
   300  S77X-08        06178             72185
   301  S77X-08        06227             75185
   302  S77X-08        06275             25185
   303  S77X-08        06326             80185
   304  S77X-08        06390             73185
   305  S77X-08        06437             85185
   306  S77X-08        06433  F2 S
   307  S77X-08        06456  F2 3
   308  S77X-08        06483 PS2 S       81185
   309  S77X-08        06544 PS2 S       70185
   310  S77X-08        06600 PS2 S       75185
   311  S77X-08        06646 PS2 S       70185
   312  S77X-08        06666  F2 E
   313  S77X-08        06696 PS2         80185
   314  S77X-08        06722  F2 3
   315  S77X-08        06754 PS2         85185
   316  S77X-08        06805 PS2         83185
   317  S77X-08        06858 PS2         89185
   318  S77X-08        06910 PS2         80185
   319  S77X-08        06960 PS2         78185
   320  S77X-08        07008 PS2         82185
   321  S77X-08        07051 PS2         82185
   322  S77X-08        07065  F2 E
   323  S77X-08        07102 PS2         80185
   324  S77X-08        07146 PS2         85185
   325  S77X-08        07208 PS2         79185
   326  S77X-08        07259 PS2         86185
   327  S77X-08        07310 PS2         85185
   328  S77X-08        07366 PS2         85185
   329  S77X-08        07402 PS2         74185
   330  S77X-08        07459 PS2         74185
          1........1.........2.........3.........4.........5
                   0         0         0         0         0
```

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************************
*     DDH:  77X-08     *
************************

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

                  1         2         3         4         5
         1........0.........0.........0.........0.........0.
     331 S77X-08            07517  F2 E
     332 S77X-08            07519 PS2             83185
     333 S77X-08            07572 PS2             90185
     334 S77X-08            07635 PS2             86185
     335 S77X-08            07677 PS2             78185
     336 S77X-08            07716 PS2             77185
     337 S77X-08            07757 PS2             68185
     338 S77X-08            07813 PS2             82185
     339 S77X-08            07867 PS2             60185
     340 S77X-08            07916 PS2             83185
     341 S77X-08            07977 PS2             73185
     342 S77X-08            08038 PS2             68185
     343 S77X-08            08097 PS2             75185
     344 S77X-08            08152 PS2             87185
     345 S77X-08            08203 PS2             87185
     346 S77X-08            08251 PS2             73185
     347 S77X-08            08311 PS2             73185
     348 S77X-08            08358 PS2             87185
     349 S77X-08            08404 PS2             85185
     350 S77X-08            08451 PS2             86185
     351 S77X-08            08512 PS2             70185
     352 S77X-08            08551 PS2             86185
     353 S77X-08            08623 PS2             80185
     354 S77X-08            08672 PS2             76185
     355 S77X-08            08714 PS2             81185
     356 S77X-08            08758 PS2             79185
     357 S77X-08            08804 PS2             65185
     358 S77X-08            08857 PS2             60185
     359 S77X-08      08873 09594 INT
     360 S77X-08            09595 PS2             60185
     361 S77X-08            09671 PS2             60185
     362 S77X-08            09723 PS2             58185
     363 S77X-08            09790 PS2             70185
     364 S77X-08            09835 PS2             85185
         1........1.........2.........3.........4.........5
                  0         0         0         0         0
```

```
DDH:  77X-08  -- SUMMARY OF DATA INPUT

              RECORDS READ =  364   RELEASED TO SORT  413
              TYPE-L =  160
              TYPE-P =    0
              TYPE-R =   12
              TYPE-S =  191
              TYPE-X =   49   ( GENERATED TO DEPTH:  980.0 METERS )

      DRILLHOLE TRUE DEPTH (VERTICAL) =   991.2 METERS
```

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************************
*     DDH:  77X-08     *
************************

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.   -  303.00

     BOREHOLE SECTION  3  --  DEPTH:         159.10 -  250.50 METERS
                              ZENITH ANG:  174.00  -  171.50
                              AZIMUTH:     303.00  -  312.00

     BOREHOLE SECTION  4  --  DEPTH:         250.50 -  342.00 METERS
                              ZENITH ANG:  171.50  -  173.00
                              AZIMUTH:     312.00  -  313.00

     BOREHOLE SECTION  5  --  DEPTH:         342.00 -  433.40 METERS
                              ZENITH ANG:  173.00  -  163.50
                              AZIMUTH:     313.00  -  321.00

     BOREHOLE SECTION  6  --  DEPTH:         433.40 -  524.80 METERS
                              ZENITH ANG:  163.50  -  162.00
                              AZIMUTH:     321.00  -  327.00

     BOREHOLE SECTION  7  --  DEPTH:         524.80 -  616.30 METERS
                              ZENITH ANG:  162.00  -  160.00
                              AZIMUTH:     327.00  -  333.00

     BOREHOLE SECTION  8  --  DEPTH:         616.30 -  707.70 METERS
                              ZENITH ANG:  160.00  -  161.00
                              AZIMUTH:     333.00  -  333.00

     BOREHOLE SECTION  9  --  DEPTH:         707.70 -  799.10 METERS
                              ZENITH ANG:  161.00  -  161.00
                              AZIMUTH:     333.00  -  328.00

     BOREHOLE SECTION 10  --  DEPTH:         799.10 -  890.60 METERS
                              ZENITH ANG:  161.00  -  163.50
                              AZIMUTH:     328.00  -  323.00

     BOREHOLE SECTION 11  --  DEPTH:         890.60 -  981.70 METERS
                              ZENITH ANG:  163.50  -  167.00
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                              AZIMUTH:      323.00 -  328.00

    BOREHOLE SECTION 12  --   DEPTH:        981.70 -  991.20 METERS
                              ZENITH ANG:   167.00 -  167.00
                              AZIMUTH:      328.00 -  328.00

FINISHED -- BOREHOLE LENGTH =    991.20 METERS
            FILE SIZE =      414
```

****
* DDH: 77X-08 * 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
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	359.1
69.6	L	05 5D3									69.6	-.0	.0	179.9	358.8
70.9	L	06 5B6									70.9	-.0	.0	179.8	357.9
72.2	L	07 5CD									72.2	-.0	.0	179.7	357.1
73.1	S				PS2	Z			69.	185.	73.1	-.0	.0	179.6	356.6
74.1	L	08 5B0									74.1	-.0	.0	179.6	356.0
76.0	L	09 5D3									76.0	-.0	.0	179.4	354.8
79.5	S				PS2	Z			58.	185.	79.5	-.0	.1	179.2	352.6
80.2	S				F2	3			63.	185.	80.2	-.0	.1	179.2	352.2
82.0	L	10 5B6									82.0	-.0	.1	179.1	351.0
85.3	S				PS2	S			66.	185.	85.3	-.0	.2	178.8	349.0
90.7	S				PS2	S			70.	185.	90.7	-.1	.3	178.5	345.6
95.3	S				PS2	S			70.	185.	95.3	-.1	.4	178.2	342.7
99.0	S				PS2	S			70.	185.	99.0	-.1	.5	177.9	340.4
100.0	S				F2	E			85.	185.	100.0	-.1	.6	177.9	339.8
100.6	S				PS2	Z			72.	185.	100.6	-.1	.6	177.8	339.4
101.0	S				F2	3			83.	185.	101.0	-.2	.6	177.8	339.2
102.4	L	11 5B0									102.4	-.2	.7	177.7	338.3
106.0	S				PS2	S			68.	185.	106.0	-.2	.8	177.5	336.1
111.7	S				PS2	S			85.	185.	111.7	-.3	1.0	177.1	332.5
116.6	S				PS2	S			80.	185.	116.6	-.5	1.3	176.8	329.5
121.0	S				PS2	S			70.	185.	121.0	-.6	1.5	176.5	326.7
122.5	L	12 5B7									122.5	-.7	1.6	176.4	325.8
124.8	S				F2	E			82.	185.	124.8	-.7	1.7	176.2	324.4
126.2	L	13 5D3									126.2	-.8	1.8	176.2	323.5
128.7	S				PS2	Z			76.	185.	128.7	-.9	1.9	176.0	321.9
129.1	S				F2	3					129.0	-.9	1.9	176.0	321.7

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************************
*     DDH:  77X-08     *    SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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
129.7	L	14 5B0									129.6	-.9	2.0	175.9	321.3
130.0	S				PS2	S			80.	185.	129.9	-1.0	2.0	175.9	321.1
130.6	S				F2	E					130.5	-1.0	2.0	175.9	320.8
132.0	S				F2	3					131.9	-1.1	2.1	175.8	319.9
133.5	L	15 5B7									133.4	-1.1	2.2	175.7	318.9
136.2	S				PS2	S			77.	185.	136.1	-1.3	2.3	175.5	317.3
140.6	S				PS2	S			70.	185.	140.5	-1.5	2.6	175.2	314.5
145.4	S				PS2	S			75.	185.	145.3	-1.8	2.9	174.9	311.5
149.1	S				F2	E			77.	185.	149.0	-2.1	3.1	174.7	309.2
149.9	S				F2	3					149.8	-2.1	3.1	174.6	308.7
152.5	S				PS2	S			79.	185.	152.4	-2.3	3.3	174.4	307.1
153.0	L	16 5B0									152.9	-2.4	3.3	174.4	306.8
159.1	R										158.9	-2.9	3.7	174.0	303.0
175.9	L	17 0F9									175.6	-4.4	4.7	173.5	304.7
176.7	S				PS2	Z			85.	185.	176.4	-4.5	4.7	173.5	304.7
178.6	S				F2	3					178.3	-4.6	4.9	173.5	304.9
181.8	L	18 5B0									181.5	-4.9	5.1	173.4	305.2
182.3	L	19 5D3									182.0	-5.0	5.1	173.4	305.3
182.4	S				PS2	S			75.	185.	182.1	-5.0	5.1	173.4	305.3
183.8	L	20 5B0									183.5	-5.1	5.2	173.3	305.4
185.9	L	21 5D3									185.6	-5.3	5.3	173.3	305.6
188.5	S				PS2	S			77.	185.	188.1	-5.6	5.5	173.2	305.9
194.4	S				PS2	S			86.	185.	194.0	-6.1	5.9	173.0	306.5
201.0	S				PS2	S			80.	185.	200.6	-6.8	6.4	172.9	307.1
205.6	S				PS2	S			83.	185.	205.1	-7.2	6.8	172.7	307.6
211.1	S				PS2	S			83.	185.	210.6	-7.8	7.2	172.6	308.1
211.2	L	22 5B0									210.7	-7.8	7.2	172.6	308.1
213.2	L	23 5D3									212.7	-8.0	7.4	172.5	308.3
215.4	S				PS2	S			77.	185.	214.8	-8.2	7.6	172.5	308.5
219.6	S				PS2	S			73.	185.	219.0	-8.7	7.9	172.3	309.0
224.6	S				PS2	S			73.	185.	224.0	-9.2	8.3	172.2	309.4
229.1	S				PS2	S			81.	185.	228.4	-9.7	8.7	172.1	309.9
234.1	S				PS2	S			65.	185.	233.4	-10.2	9.2	171.9	310.4
239.0	S				F2	E					238.2	-10.7	9.6	171.8	310.9
239.9	L	24 5B0									239.1	-10.8	9.7	171.8	311.0
242.6	L	25 5B0									241.8	-11.1	10.0	171.7	311.2
244.3	S				PS2	Z			78.	185.	243.5	-11.3	10.1	171.7	311.4

****
* DDH: 77X-08 * 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	-12.0	10.7	171.5	312.0
250.6	S				PS2	Z			75.	185.	249.7	-12.0	10.7	171.5	312.0
251.0	L	26 5B0									250.1	-12.0	10.8	171.5	312.0
254.4	S				PS2	S			76.	185.	253.5	-12.4	11.1	171.6	312.0
259.7	S				PS2	S			76.	185.	258.7	-13.0	11.6	171.7	312.1
264.0	S				PS2	S			75.	185.	263.0	-13.4	12.0	171.7	312.1
268.2	L	27 5B0									267.1	-13.9	12.4	171.8	312.2
268.2	S				PS2	S			80.	185.	267.1	-13.9	12.4	171.8	312.2
269.7	L	28 5E0									268.6	-14.0	12.6	171.8	312.2
271.0	L	29 5B0									269.9	-14.2	12.7	171.8	312.2
271.4	L	30 0E7									270.3	-14.2	12.8	171.8	312.2
271.7	L	31 5B0									270.6	-14.3	12.8	171.8	312.2
272.8	L	32 0E7									271.7	-14.4	12.9	171.9	312.2
273.0	S				PS2	S			77.	185.	271.9	-14.4	12.9	171.9	312.2
273.7	L	33 5B0									272.6	-14.5	13.0	171.9	312.3
274.2	L	34 0E7									273.0	-14.5	13.0	171.9	312.3
277.5	S				PS2	S			5.	185.	276.3	-14.9	13.3	171.9	312.3
278.3	S				F2	E				185.	277.1	-14.9	13.4	172.0	312.3
279.7	S				F2	3					278.5	-15.1	13.5	172.0	312.3
282.5	S				PS2				79.	185.	281.3	-15.4	13.8	172.0	312.3
287.2	S				PS2				83.	185.	285.9	-15.9	14.2	172.1	312.4
288.6	L	35 5B0									287.3	-16.0	14.4	172.1	312.4
289.3	L	36 5B0									288.0	-16.1	14.4	172.1	312.4
292.3	S				PS2				80.	185.	291.0	-16.4	14.7	172.2	312.5
297.7	S				PS2				83.	185.	296.3	-16.9	15.2	172.3	312.5
303.3	S				PS2				75.	185.	301.9	-17.5	15.7	172.4	312.6
308.7	S				PS2				72.	185.	307.2	-18.0	16.2	172.5	312.6
310.3	L	37 5B0									308.8	-18.1	16.3	172.5	312.7
310.6	L	38 5D3									309.1	-18.2	16.4	172.5	312.7
314.2	S				PS2				80.	185.	312.7	-18.5	16.7	172.5	312.7
315.9	S				F2	E					314.4	-18.7	16.8	172.6	312.7
318.4	L	39 5B0									316.8	-18.9	17.0	172.6	312.7
319.6	L	40 5B6									318.0	-19.0	17.2	172.6	312.8
320.0	L	41 0E7									318.4	-19.1	17.2	172.6	312.8
331.1	S				PS2				78.	185.	329.4	-20.1	18.1	172.8	312.9
336.3	S				PS2				65.	185.	334.6	-20.6	18.6	172.9	312.9
341.0	S				PS2				90.	185.	339.3	-21.0	19.0	173.0	313.0

****
*   DDH: 77X-08   *   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	-21.1	19.1	173.0	313.0
346.2	S				PS2				73.	185.	344.4	-21.5	19.4	172.6	313.4
350.7	S				PS2				80.	185.	348.9	-21.9	19.8	172.1	313.8
355.7	S				PS2				80.	185.	353.8	-22.4	20.3	171.6	314.2
358.4	L	42 5B7									356.5	-22.7	20.6	171.3	314.4
359.0	S				PS2				55.	185.	357.1	-22.8	20.7	171.2	314.5
364.4	L	43 5B7									362.4	-23.4	21.3	170.7	315.0
364.6	L	44 4A0									362.6	-23.4	21.3	170.7	315.0
365.5	S				PS2				73.	185.	363.5	-23.5	21.4	170.6	315.1
368.4	L	45 5D3									366.4	-23.8	21.7	170.3	315.3
369.9	L	46 5B2									367.9	-24.0	21.9	170.1	315.4
370.8	L	47 5D3									368.7	-24.1	22.0	170.0	315.5
371.2	S				PS2				70.	185.	369.1	-24.2	22.1	170.0	315.6
372.6	L	48 5B2									370.5	-24.3	22.3	169.8	315.7
374.9	S				PS2				65.	185.	372.8	-24.6	22.6	169.6	315.9
377.2	L	49 5B7									375.0	-24.9	22.9	169.3	316.1
377.6	L	50 5D3									375.4	-25.0	22.9	169.3	316.1
378.0	L	51 4A0									375.8	-25.0	23.0	169.3	316.2
378.4	L	52 4L0									376.2	-25.1	23.0	169.2	316.2
378.6	S				PS2				50.	185.	376.4	-25.1	23.0	169.2	316.2
379.0	L	53 4A0									376.8	-25.2	23.1	169.2	316.2
379.6	L	54 4L0									377.4	-25.2	23.2	169.1	316.3
382.5	S				PS2				70.	185.	380.2	-25.6	23.6	168.8	316.5
384.4	L	55 5D3									382.1	-25.9	23.9	168.6	316.7
386.5	S				PS2				70.	185.	384.2	-26.2	24.2	168.4	316.9
389.2	L	56 5B7									386.8	-26.5	24.6	168.1	317.1
390.4	L	57 5D3									388.0	-26.7	24.7	168.0	317.2
391.8	S				PS2				70.	185.	389.3	-26.9	25.0	167.8	317.4
396.3	S				PS2				80.	185.	393.7	-27.6	25.7	167.4	317.8
400.2	S				PS2				82.	185.	397.5	-28.1	26.3	167.0	318.1
405.4	S				PS2				70.	185.	402.6	-28.9	27.2	166.4	318.5
410.9	S				PS2				80.	185.	407.9	-29.8	28.2	165.8	319.0
415.4	S				PS2				73.	185.	412.3	-30.5	29.0	165.4	319.4
416.7	L	58 5DB									413.6	-30.7	29.3	165.2	319.5
421.0	S				PS2				68.	185.	417.7	-31.5	30.1	164.8	319.9
426.4	S				PS2				82.	185.	422.9	-32.4	31.3	164.2	320.4
429.3	L	59 5DB									425.7	-32.9	31.9	163.9	320.6
430.4	S				PS2				87.	185.	426.8	-33.1	32.1	163.8	320.7
431.0	L	60 5D3									427.3	-33.2	32.2	163.7	320.8
432.2	L	61 5B7									428.5	-33.4	32.5	163.6	320.9

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*   DDH: 77X-08   *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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
433.3	L	62 5D3									429.5	-33.6	32.7	163.5	321.0
433.4	R										429.6	-33.6	32.8	163.5	321.0
435.4	S				PS2				86.	185.	431.6	-34.0	33.2	163.5	321.1
436.6	L	63 5B7									432.7	-34.2	33.5	163.4	321.2
437.5	L	64 5D3									433.6	-34.4	33.7	163.4	321.3
439.7	L	65 5B7									435.7	-34.7	34.2	163.4	321.4
441.2	S				F2	E					437.1	-35.0	34.5	163.4	321.5
441.8	L	66 5D3									437.7	-35.1	34.6	163.4	321.6
442.0	S				F2	3					437.9	-35.2	34.7	163.4	321.6
444.0	L	67 5B7									439.8	-35.5	35.1	163.3	321.7
445.5	S								72.	185.	441.2	-35.8	35.5	163.3	321.8
445.6	L	68 5D3									441.3	-35.8	35.5	163.3	321.8
447.4	L	69 5B7									443.1	-36.1	35.9	163.3	321.9
449.0	L	70 5D3									444.6	-36.4	36.3	163.2	322.0
451.0	S								60.	185.	446.5	-36.8	36.7	163.2	322.2
453.7	L	71 5B2									449.1	-37.2	37.3	163.2	322.3
455.1	S				F2	E			87.	185.	450.4	-37.5	37.6	163.1	322.4
456.3	L	72 5D3									451.6	-37.7	37.9	163.1	322.5
457.5	S				F2	E			81.	185.	452.7	-37.9	38.2	163.1	322.6
462.4	S				PS2	S			79.	185.	457.4	-38.8	39.3	163.0	322.9
467.5	S				PS2	S			80.	185.	462.3	-39.7	40.5	162.9	323.2
470.3	S				PS2	E			60.	185.	465.0	-40.2	41.2	162.9	323.4
473.2	S				PS2	Z			82.	185.	467.7	-40.7	41.9	162.8	323.6
473.4	L	73 5BD									467.9	-40.7	41.9	162.8	323.6
475.3	L	74 5B6									469.7	-41.0	42.4	162.8	323.8
480.0	S					3			83.	185.	474.2	-41.8	43.5	162.7	324.1
482.5	L	75 5D3									476.6	-42.3	44.1	162.7	324.2
485.5	S					S			74.	185.	479.5	-42.8	44.8	162.6	324.4
491.0	S					S			78.	185.	484.7	-43.8	46.2	162.6	324.8
495.0	S					S			85.	185.	488.5	-44.4	47.2	162.5	325.0
496.5	L	76 5B6									490.0	-44.7	47.5	162.5	325.1
499.7	S					S			83.	185.	493.0	-45.3	48.3	162.4	325.4
504.3	L	77 5D3									497.4	-46.0	49.5	162.3	325.7
506.0	S					S			88.	185.	499.0	-46.3	49.9	162.3	325.8
508.4	L	78 5B6									501.3	-46.7	50.5	162.3	325.9
510.1	L	79 5D3									502.9	-47.0	50.9	162.2	326.0
511.0	S					S			85.	185.	503.8	-47.2	51.2	162.2	326.1
512.1	L	80 5B6									504.8	-47.4	51.4	162.2	326.2
516.6	S					S			80.	185.	509.1	-48.1	52.6	162.1	326.5
522.7	S					S			79.	185.	514.9	-49.2	54.1	162.0	326.9

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*   DDH: 77X-08   *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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
524.8	R										516.9	-49.5	54.7	162.0	327.0
529.4	S					S			80.	185.	521.3	-50.3	55.9	161.9	327.3
532.5	S					S			86.	185.	524.2	-50.8	56.7	161.8	327.5
537.1	S					S			85.	185.	528.6	-51.6	57.9	161.7	327.8
542.0	S					S			85.	185.	533.3	-52.4	59.2	161.6	328.1
547.8	S					S			77.	185.	538.8	-53.4	60.8	161.5	328.5
552.1	S					S			80.	185.	542.8	-54.1	61.9	161.4	328.8
556.6	L	81 5D3									547.1	-54.8	63.2	161.3	329.1
556.7	S					S			80.	185.	547.2	-54.8	63.2	161.3	329.1
560.5	L	82 5B7									550.8	-55.5	64.3	161.2	329.3
562.1	L	83 5D3									552.3	-55.7	64.7	161.2	329.4
562.9	S					S			75.	185.	553.1	-55.9	64.9	161.2	329.5
566.0	S					S			75.	185.	556.0	-56.4	65.8	161.1	329.7
566.4	S				F2	E					556.4	-56.4	65.9	161.1	329.7
569.0	S				F2	3					558.8	-56.9	66.6	161.0	329.9
572.1	S				PS2	S			77.	185.	561.8	-57.4	67.5	161.0	330.1
574.6	L	84 5B7									564.1	-57.8	68.2	160.9	330.3
577.0	S				PS2	S			83.	185.	566.4	-58.2	68.9	160.9	330.4
579.7	L	85 5D3									569.0	-58.6	69.7	160.8	330.6
581.1	L	86 5D									570.3	-58.8	70.1	160.8	330.7
582.8	S				PS2	S			76.	185.	571.9	-59.1	70.6	160.7	330.8
586.1	L	87 5D3									575.0	-59.6	71.5	160.7	331.0
586.9	L	88 5B7									575.8	-59.7	71.7	160.6	331.1
587.4	S				PS2	S			72.	185.	576.2	-59.8	71.9	160.6	331.1
588.3	L	89 5D3									577.1	-60.0	72.2	160.6	331.2
590.4	L	90 5D									579.1	-60.3	72.8	160.6	331.3
592.5	L	91 5D3									581.0	-60.6	73.4	160.5	331.4
593.5	S								86.	185.	582.0	-60.8	73.7	160.5	331.5
597.3	L	92 5B2									585.6	-61.4	74.8	160.4	331.8
597.8	S								65.	185.	586.0	-61.5	74.9	160.4	331.8
598.0	L	93 5DB									586.2	-61.5	75.0	160.4	331.8
598.5	L	94									586.7	-61.6	75.1	160.4	331.8
599.5	L	95 5D									587.6	-61.8	75.4	160.4	331.9
602.6	S								82.	185.	590.5	-62.2	76.4	160.3	332.1
602.9	L	96 5D3									590.8	-62.3	76.4	160.3	332.1
608.5	L	97 5D									596.1	-63.2	78.1	160.2	332.5
608.7	S								77.	185.	596.3	-63.2	78.2	160.2	332.5
610.0	L	98 5D									597.5	-63.4	78.6	160.1	332.6
613.5	S								90.	185.	600.8	-64.0	79.6	160.1	332.8
615.3	L	99 5D3									602.5	-64.2	80.2	160.0	332.9

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*    DDH:  77X-08     *    SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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										603.4	-64.4	80.5	160.0	333.0
617.1	L	01 5B7									604.2	-64.5	80.7	160.0	333.0
617.8	S								72.	185.	604.8	-64.6	80.9	160.0	333.0
620.3	L	02 5D3									607.2	-65.0	81.7	160.0	333.0
621.4	L	03 5B7									608.2	-65.2	82.0	160.1	333.0
622.3	L	04 5D3									609.1	-65.3	82.3	160.1	333.0
622.7	S								75.	185.	609.5	-65.4	82.4	160.1	333.0
624.0	L	05 5B7									610.7	-65.6	82.8	160.1	333.0
625.2	L	06 5D3									611.8	-65.8	83.2	160.1	333.0
627.5	S								25.	185.	614.0	-66.1	83.9	160.1	333.0
631.2	L	07 5D									617.4	-66.7	85.0	160.2	333.0
632.6	S								80.	185.	618.8	-66.9	85.4	160.2	333.0
634.4	L	08 5D3									620.5	-67.2	86.0	160.2	333.0
636.1	L	09 5B7									622.1	-67.4	86.5	160.2	333.0
639.0	S								73.	185.	624.8	-67.9	87.4	160.2	333.0
641.0	L	10 5D3									626.7	-68.2	88.0	160.3	333.0
643.3	S				F2	S					628.8	-68.6	88.7	160.3	333.0
643.7	S								85.	185.	629.2	-68.6	88.8	160.3	333.0
644.0	L	11 5BD									629.5	-68.7	88.9	160.3	333.0
645.6	S				F2	3					631.0	-68.9	89.3	160.3	333.0
646.6	L	12 5D3									631.9	-69.1	89.6	160.3	333.0
647.3	L	13 5B7									632.6	-69.2	89.9	160.3	333.0
648.3	S				PS2	S			81.	185.	633.5	-69.3	90.2	160.4	333.0
654.4	S				PS2	S			70.	185.	639.3	-70.2	92.0	160.4	333.0
660.0	S				PS2	S			75.	185.	644.6	-71.1	93.7	160.5	333.0
664.6	S				PS2	S			70.	185.	648.9	-71.8	95.0	160.5	333.0
666.3	L	14 5D3									650.5	-72.1	95.5	160.5	333.0
666.6	S				F2	E					650.8	-72.1	95.6	160.6	333.0
668.0	L	15 5D									652.1	-72.3	96.0	160.6	333.0
669.6	S				PS2				80.	185.	653.6	-72.6	96.5	160.6	333.0
672.2	S				F2	3					656.1	-72.9	97.3	160.6	333.0
675.4	S				PS2				85.	185.	659.1	-73.4	98.2	160.6	333.0
679.4	L	16 5B7									662.9	-74.0	99.4	160.7	333.0
680.5	S				PS2				83.	185.	663.9	-74.2	99.7	160.7	333.0
680.7	L	17 5D									664.1	-74.2	99.8	160.7	333.0
685.8	S				PS2				89.	185.	668.9	-75.0	101.3	160.8	333.0
691.0	S				PS2				80.	185.	673.8	-75.8	102.8	160.8	333.0
696.0	S				PS2				78.	185.	678.5	-76.5	104.3	160.9	333.0
697.6	L	18 5D3									680.0	-76.7	104.7	160.9	333.0
700.8	S				PS2				82.	185.	683.1	-77.2	105.7	160.9	333.0

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*     DDH:  77X-08      *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320599.0 METERS NORTH: 22649256.0 METERS ELEV: 1047.2 METERS

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
705.1	S				PS2				82.	185.	687.1	-77.9	106.9	161.0	333.0
706.5	S				F2	E					688.5	-78.1	107.3	161.0	333.0
706.8	L	19 5B7									688.7	-78.1	107.4	161.0	333.0
707.7	R										689.6	-78.2	107.7	161.0	333.0
707.8	L	20 5D3									689.7	-78.3	107.7	161.0	333.0
710.2	S				PS2				80.	185.	692.0	-78.6	108.4	161.0	332.9
714.6	S				PS2				85.	185.	696.1	-79.3	109.7	161.0	332.6
720.8	S				PS2				79.	185.	702.0	-80.2	111.5	161.0	332.3
725.9	S				PS2				86.	185.	706.8	-81.0	112.9	161.0	332.0
731.0	S				PS2				85.	185.	711.6	-81.8	114.4	161.0	331.7
736.6	S				PS2				85.	185.	716.9	-82.6	116.0	161.0	331.4
737.2	L	21 5B7									717.5	-82.7	116.2	161.0	331.4
740.2	S				PS2				74.	185.	720.3	-83.2	117.0	161.0	331.2
745.9	L	22 5D3									725.7	-84.1	118.6	161.0	330.9
745.9	S				PS2				74.	185.	725.7	-84.1	118.6	161.0	330.9
751.7	S				F2	E					731.2	-85.0	120.3	161.0	330.6
751.9	S				PS2				83.	185.	731.4	-85.0	120.4	161.0	330.6
757.2	S				PS2				90.	185.	736.4	-85.9	121.9	161.0	330.3
763.5	S				PS2				86.	185.	742.4	-86.9	123.6	161.0	329.9
767.7	S				PS2				78.	185.	746.3	-87.6	124.8	161.0	329.7
768.9	L	23 5B7									747.5	-87.8	125.2	161.0	329.7
771.6	S				PS2				77.	185.	750.0	-88.2	125.9	161.0	329.5
773.9	L	24 5D3									752.2	-88.6	126.6	161.0	329.4
775.6	L	25 5B7									753.8	-88.9	127.0	161.0	329.3
775.7	S				PS2				68.	185.	753.9	-88.9	127.1	161.0	329.3
776.1	L	26 5D3									754.3	-89.0	127.2	161.0	329.3
780.7	L	27 5B7									758.6	-89.8	128.5	161.0	329.0
781.3	S				PS2				82.	185.	759.2	-89.9	128.6	161.0	329.0
781.8	L	28 5D3									759.7	-89.9	128.8	161.0	328.9
786.7	S				PS2				60.	185.	764.3	-90.8	130.1	161.0	328.7
788.0	L	29 5B7									765.5	-91.0	130.5	161.0	328.6
790.0	L	30 5D3									767.4	-91.3	131.0	161.0	328.5
791.6	S				PS2				83.	185.	768.9	-91.6	131.5	161.0	328.4
797.7	S				PS2				73.	185.	774.7	-92.6	133.2	161.0	328.1

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*   DDH: 77X-08   *   SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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COLLAR COORDINATES -- EAST: 320599.0 METERS   NORTH: 22649256.0 METERS   ELEV: 1047.2 METERS

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 DIPD	TRUE DEPTH	EASTING	NORTHING	Z	AZ
799.1	R										776.0	-92.9	133.6	161.0	328.0
803.8	S				PS2				68.	185.	780.5	-93.7	134.9	161.1	327.7
809.7	S				PS2				75.	185.	786.0	-94.7	136.5	161.3	327.4
815.2	S				PS2				87.	185.	791.3	-95.7	137.9	161.4	327.1
820.3	S				PS2				87.	185.	796.1	-96.6	139.3	161.6	326.8
825.1	S				PS2				73.	185.	800.6	-97.4	140.6	161.7	326.6
831.1	S				PS2				73.	185.	806.3	-98.4	142.1	161.9	326.3
835.8	S				PS2				87.	185.	810.8	-99.2	143.3	162.0	326.0
840.4	S				PS2				85.	185.	815.2	-100.0	144.5	162.1	325.7
845.1	S				PS2				86.	185.	819.7	-100.8	145.7	162.3	325.5
851.2	S				PS2				70.	185.	825.5	-101.9	147.2	162.4	325.2
855.1	S				PS2				86.	185.	829.2	-102.6	148.2	162.5	324.9
862.3	S				PS2				80.	185.	836.1	-103.8	149.9	162.7	324.5
867.2	S				PS2				76.	185.	840.8	-104.6	151.1	162.9	324.3
871.4	S				PS2				81.	185.	844.8	-105.4	152.1	163.0	324.0
875.8	S				PS2				79.	185.	849.0	-106.1	153.1	163.1	323.8
880.3	L	31 5B7									853.3	-106.9	154.2	163.2	323.6
880.4	S				PS2				65.	185.	853.4	-106.9	154.2	163.2	323.6
881.0	L	32 5D3									854.0	-107.0	154.4	163.2	323.5
885.5	L	33 5A3									858.3	-107.8	155.4	163.4	323.3
885.6	L	34 5E2									858.4	-107.8	155.4	163.4	323.3
885.7	S				PS2				60.	185.	858.5	-107.8	155.4	163.4	323.3
886.5	L	35 5B7									859.2	-108.0	155.6	163.4	323.2
887.3	L	36 5D6									860.0	-108.1	155.8	163.4	323.2
890.1	L	37 0G6									862.7	-108.6	156.4	163.5	323.0
890.6	R										863.1	-108.7	156.6	163.5	323.0
900.5	L	38 0G0									872.7	-110.3	158.8	163.9	323.5
939.8	L	39 0G0									910.5	-116.4	167.3	165.4	325.7
951.2	L	40 0G0									921.6	-117.9	169.6	165.8	326.3
954.5	L	41 0G6									924.8	-118.4	170.3	166.0	326.5
957.6	L	42 0C6									927.8	-118.8	170.9	166.1	326.7
959.4	L	43 0C0									929.5	-119.0	171.3	166.1	326.8
959.4	S				INT						929.5	-119.0	171.3	166.1	326.8
959.5	S				PS2				60.	185.	929.6	-119.0	171.3	166.1	326.8
962.7	L	44 3D8									932.7	-119.5	171.9	166.3	327.0
967.0	L	45 0C6									936.9	-120.0	172.8	166.4	327.2
967.1	S				PS2				60.	185.	937.0	-120.0	172.8	166.4	327.2
967.5	L	46 3D8									937.4	-120.1	172.9	166.5	327.2

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*     DDH:  77X-08     *    SUMMARY DRILL LOG -- CORRECTED TO TRUE DEPTH AND EAST/NORTH DISPLACEMENTS RELATIVE TO THE COLLAR
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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
968.9	L	47 0C0									938.8	-120.3	173.2	166.5	327.3
970.0	L	48 3D4									939.8	-120.4	173.4	166.6	327.4
971.2	L	49 0C0									941.0	-120.5	173.6	166.6	327.4
972.3	S				PS2				58.	185.	942.1	-120.7	173.8	166.6	327.5
975.1	L	50 3D8									944.8	-121.0	174.4	166.7	327.6
975.3	L	51 0E8									945.0	-121.1	174.4	166.8	327.6
977.2	L	52 3D4									946.9	-121.3	174.8	166.8	327.8
977.6	L	53 3D4									947.2	-121.3	174.9	166.8	327.8
977.8	L	53 3D4									947.4	-121.4	174.9	166.9	327.8
978.0	L	54 0C0									947.6	-121.4	174.9	166.9	327.8
979.0	S				PS2				70.	185.	948.6	-121.5	175.1	166.9	327.9
979.1	L	53 3D4									948.7	-121.5	175.1	166.9	327.9
981.1	L	54 0C0									950.6	-121.8	175.5	167.0	328.0
981.4	L	55 3D4									950.9	-121.8	175.6	167.0	328.0
981.7	L	56 0C0									951.2	-121.8	175.6	167.0	328.0
981.7	R										951.2	-121.8	175.6	167.0	328.0
983.5	S				PS2				85.	185.	953.0	-122.0	176.0	167.0	328.0
984.6	L	57 3D4									954.1	-122.2	176.2	167.0	328.0
991.2	L	58 0C0									960.5	-123.0	177.5	167.0	328.0
991.2	R										960.5	-123.0	177.5	167.0	328.0

FINISHED -- LENGTH = 991.20 METERS ENTRIES = 414

```
 STOP FINISHED
SRU'S:59.7
!*
!DEFINE 77X08D.PF KEY:0 ON:SPN
!EQUATE 20 77X08D.PF
!DDHPLT.DH
```

```
************************
*     DDH:  77X-08     *     PLOT OF CORRECTED DRILLHOLE DATA
************************

DATA READ COMPLETED -- CARDS =  414
     POINTS =  413    MAX DDH DEPTH =    991.2 METERS
                      MAX TRUE DEPTH =   960.5 METERS
     EASTING:  -123.0 -      0.  METERS
     NORTHING:     0.  -  177.5 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
```

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH 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,2000,005

            ***********************
            *    DDH:  77X-08     *    START PLOT NUMBER  1
            ***********************

                  PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                  PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                  X-AXIS PLOT LIMITS:   0.   -   3.27 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  18.91 (INCHES)

                  BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413

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

PROGRAM COMMAND:  PLOTB,2000,005

            ***********************
            *    DDH:  77X-08     *    START PLOT NUMBER  2
            ***********************

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

                  PROJECTION PLANE BEARS    5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                  X-AXIS PLOT LIMITS:   0.   -   3.27 (INCHES)
                  Y-AXIS BOREHOLE LENGTH:  18.91 (INCHES)

                  BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413
```

****
*   DDH: 77X-08   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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	-5.0	-.20	-.02
52.6	180.0	0.						85.	185.	5.0	185.0	-5.0	-.20	-.02
57.9	180.0	0.						68.	185.	22.0	185.0	-22.0	-.19	-.07
61.3	180.0	0.						80.	185.	10.0	185.0	-10.0	-.20	-.03
65.2	180.0	0.						63.	185.	27.0	185.0	-27.0	-.18	-.09
69.0	179.9	359.1						73.	185.	17.0	185.0	-17.0	-.19	-.06
73.1	179.6	356.6						69.	185.	21.0	185.0	-21.0	-.19	-.07
79.5	179.2	352.6						58.	185.	32.8	185.0	-32.8	-.17	-.11
80.2	179.2	352.2						63.	185.	27.8	185.0	-27.8	-.18	-.09
85.3	178.8	349.0						66.	185.	25.2	185.0	-25.2	-.18	-.09
90.7	178.5	345.6						70.	185.	21.4	185.0	-21.4	-.19	-.07
95.3	178.2	342.7						70.	185.	21.7	185.0	-21.7	-.19	-.07
99.0	177.9	340.4						70.	185.	21.9	185.0	-21.9	-.19	-.07
100.0	177.9	339.8						85.	185.					
100.6	177.8	339.4						72.	185.	20.0	185.0	-20.0	-.19	-.07
101.0	177.8	339.2						83.	185.	8.9	185.0	-8.9	-.20	-.03
106.0	177.5	336.1						68.	185.	24.2	185.0	-24.2	-.18	-.08
111.7	177.1	332.5						85.	185.					
116.6	176.8	329.5						80.	185.	12.4	185.0	-12.4	-.20	-.04
121.0	176.5	326.7						70.	185.	22.6	185.0	-22.6	-.18	-.08
124.8	176.2	324.4						82.	185.	10.5	185.0	-10.5	-.20	-.04
128.7	176.0	321.9						76.	185.	16.7	185.0	-16.7	-.19	-.06
130.0	175.9	321.1						80.	185.	12.5	185.0	-12.5	-.20	-.04
136.2	175.5	317.3						77.	185.	15.6	185.0	-15.6	-.19	-.05
140.6	175.2	314.5						70.	185.	22.7	185.0	-22.7	-.18	-.08
145.4	174.9	311.5						75.	185.	17.5	185.0	-17.5	-.19	-.06
149.1	174.7	309.2						77.	185.	15.2	185.0	-15.2	-.19	-.05
152.5	174.4	307.1						79.	185.	12.9	185.0	-12.9	-.19	-.04
176.7	173.5	304.7						85.	185.					
182.4	173.4	305.3						75.	185.	17.2	185.0	-17.2	-.19	-.06
188.5	173.2	305.9						77.	185.	15.1	185.0	-15.1	-.19	-.05
194.4	173.0	306.5						86.	185.					
201.0	172.9	307.1						80.	185.	11.8	185.0	-11.8	-.20	-.04
205.6	172.7	307.6						83.	185.	.6	185.0	-.6	-.20	-.00
										7.3	185.0	-7.3	-.20	-.03
211.1	172.6	308.1						83.	185.	.8	185.0	-.8	-.20	-.00
										7.3	185.0	-7.3	-.20	-.03
215.4	172.5	308.5						77.	185.	15.6	185.0	-15.6	-.19	-.05
219.6	172.3	309.0						73.	185.	20.1	185.0	-20.1	-.19	-.07
224.6	172.2	309.4						73.	185.	20.2	185.0	-20.2	-.19	-.07
229.1	172.1	309.9						81.	185.	10.8	185.0	-10.8	-.20	-.04

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************************
*     DDH:  77X-08     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

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
234.1	171.9	310.4						65.	185.	28.9	185.0	-28.9	-.18	-.10
244.3	171.7	311.4						78.	185.	14.9	185.0	-14.9	-.19	-.05
250.6	171.5	312.0						75.	185.	18.6	185.0	-18.6	-.19	-.06
254.4	171.6	312.0						76.	185.	17.4	185.0	-17.4	-.19	-.06
259.7	171.7	312.1						76.	185.	17.4	185.0	-17.4	-.19	-.06
264.0	171.7	312.1						75.	185.	18.5	185.0	-18.5	-.19	-.06
268.2	171.8	312.2						80.	185.	12.6	185.0	-12.6	-.20	-.04
273.0	171.9	312.2						77.	185.	16.2	185.0	-16.2	-.19	-.06
277.5	171.9	312.3						5.	185.	89.9	185.0	-89.9	-.00	-.20
278.3	172.0	312.3						0.	185.					
282.5	172.0	312.3						79.	185.	13.9	185.0	-13.9	-.19	-.05
287.2	172.1	312.4						83.	185.	1.7	185.0	-1.7	-.20	-.01
										7.9	185.0	-7.9	-.20	-.03
292.3	172.2	312.5						80.	185.	12.6	185.0	-12.6	-.20	-.04
297.7	172.3	312.5						83.	185.	1.3	185.0	-1.3	-.20	-.00
										8.1	185.0	-8.1	-.20	-.03
303.3	172.4	312.6						75.	185.	18.4	185.0	-18.4	-.19	-.06
308.7	172.5	312.6						72.	185.	21.6	185.0	-21.6	-.19	-.07
314.2	172.5	312.7						80.	185.	12.7	185.0	-12.7	-.20	-.04
331.1	172.8	312.9						78.	185.	15.0	185.0	-15.0	-.19	-.05
336.3	172.9	312.9						65.	185.	28.8	185.0	-28.8	-.18	-.10
341.0	173.0	313.0						90.	185.					
346.2	172.6	313.4						73.	185.	20.6	185.0	-20.6	-.19	-.07
350.7	172.1	313.8						80.	185.	12.9	185.0	-12.9	-.19	-.04
355.7	171.6	314.2						80.	185.	12.9	185.0	-12.9	-.19	-.04
359.0	171.2	314.5						55.	185.	40.0	185.0	-40.0	-.15	-.13
365.5	170.6	315.1						73.	185.	21.5	185.0	-21.5	-.19	-.07
371.2	170.0	315.6						70.	185.	25.1	185.0	-25.1	-.18	-.08
374.9	169.6	315.9						65.	185.	30.7	185.0	-30.7	-.17	-.10
378.6	169.2	316.2						50.	185.	46.5	185.0	-46.5	-.14	-.14
382.5	168.8	316.5						70.	185.	25.7	185.0	-25.7	-.18	-.09
386.5	168.4	316.9						70.	185.	25.9	185.0	-25.9	-.18	-.09
391.8	167.8	317.4						70.	185.	26.2	185.0	-26.2	-.18	-.09
396.3	167.4	317.8						80.	185.	4.7	185.0	-4.7	-.20	-.02
										12.5	185.0	-12.5	-.20	-.04
400.2	167.0	318.1						82.	185.					
405.4	166.4	318.5						70.	185.	27.0	185.0	-27.0	-.18	-.09
410.9	165.8	319.0						80.	185.					
415.4	165.4	319.4						73.	185.	23.9	185.0	-23.9	-.18	-.08
421.0	164.8	319.9						68.	185.	30.2	185.0	-30.2	-.17	-.10
426.4	164.2	320.4						82.	185.					

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************************
*    DDH:  77X-08      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

			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
430.4	163.8	320.7						87.	185.					
435.4	163.5	321.1						86.	185.					
445.5	163.3	321.8						72.	185.	26.4	185.0	-26.4	-.18	-.09
451.0	163.2	322.2						60.	185.	40.5	185.0	-40.5	-.15	-.13
455.1	163.1	322.4						87.	185.					
457.5	163.1	322.6						81.	185.					
462.4	163.0	322.9						79.	185.					
467.5	162.9	323.2						80.	185.					
470.3	162.9	323.4						60.	185.	40.9	185.0	-40.9	-.15	-.13
473.2	162.8	323.6						82.	185.					
480.0	162.7	324.1						83.	185.					
485.5	162.6	324.4						74.	185.	1.9	185.0	-1.9	-.20	-.01
										24.9	185.0	-24.9	-.18	-.08
491.0	162.6	324.8						78.	185.	8.9	185.0	-8.9	-.20	-.03
										18.0	185.0	-18.0	-.19	-.06
495.0	162.5	325.0						85.	185.					
499.7	162.4	325.4						83.	185.					
506.0	162.3	325.8						88.	185.					
511.0	162.2	326.1						85.	185.					
516.6	162.1	326.5						80.	185.					
522.7	162.0	326.9						79.	185.	14.3	185.0	-14.3	-.19	-.05
529.4	161.9	327.3						80.	185.					
532.5	161.8	327.5						86.	185.					
537.1	161.7	327.8						85.	185.					
542.0	161.6	328.1						85.	185.					
547.8	161.5	328.5						77.	185.	7.9	185.0	-7.9	-.20	-.03
										22.2	185.0	-22.2	-.19	-.08
552.1	161.4	328.8						80.	185.					
556.7	161.3	329.1						80.	185.					
562.9	161.2	329.5						75.	185.	5.0	185.0	-5.0	-.20	-.02
										26.0	185.0	-26.0	-.18	-.09
566.0	161.1	329.7						75.	185.	5.1	185.0	-5.1	-.20	-.02
										26.1	185.0	-26.1	-.18	-.09
572.1	161.0	330.1						77.	185.	8.4	185.0	-8.4	-.20	-.03
										23.1	185.0	-23.1	-.18	-.08
577.0	160.9	330.4						83.	185.					
582.8	160.7	330.8						76.	185.	7.1	185.0	-7.1	-.20	-.02
										25.2	185.0	-25.2	-.18	-.09
587.4	160.6	331.1						72.	185.	1.7	185.0	-1.7	-.20	-.01
										30.9	185.0	-30.9	-.17	-.10
593.5	160.5	331.5						86.	185.					

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************************
*     DDH:  77X-08     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0   VIEW AZIMUTH = 275.0

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
597.8	160.4	331.8						65.	185.	39.4	185.0	-39.4	-.15	-.13
602.6	160.3	332.1						82.	185.					
608.7	160.2	332.5						77.	185.	9.2	185.0	-9.2	-.20	-.03
										24.6	185.0	-24.6	-.18	-.08
613.5	160.1	332.8						90.	185.					
617.8	160.0	333.0						72.	185.	2.4	185.0	-2.4	-.20	-.01
										31.9	185.0	-31.9	-.17	-.11
622.7	160.1	333.0						75.	185.	6.2	185.0	-6.2	-.20	-.02
										27.9	185.0	-27.9	-.18	-.09
627.5	160.1	333.0						25.	185.	81.6	185.0	-81.6	-.03	-.20
632.6	160.2	333.0						80.	185.					
639.0	160.2	333.0						73.	185.	3.4	185.0	-3.4	-.20	-.01
										30.5	185.0	-30.5	-.17	-.10
643.7	160.3	333.0						85.	185.					
648.3	160.4	333.0						81.	185.					
654.4	160.4	333.0						70.	185.	34.1	185.0	-34.1	-.17	-.11
660.0	160.5	333.0						75.	185.	5.6	185.0	-5.6	-.20	-.02
										27.8	185.0	-27.8	-.18	-.09
664.6	160.5	333.0						70.	185.	34.0	185.0	-34.0	-.17	-.11
669.6	160.6	333.0						80.	185.					
675.4	160.6	333.0						85.	185.					
680.5	160.7	333.0						83.	185.					
685.8	160.8	333.0						89.	185.					
691.0	160.8	333.0						80.	185.					
696.0	160.9	333.0						78.	185.	9.7	185.0	-9.7	-.20	-.03
										23.1	185.0	-23.1	-.18	-.08
700.8	160.9	333.0						82.	185.					
705.1	161.0	333.0						82.	185.					
710.2	161.0	332.9						80.	185.	15.4	185.0	-15.4	-.19	-.05
										17.1	185.0	-17.1	-.19	-.06
714.6	161.0	332.6						85.	185.					
720.8	161.0	332.3						79.	185.	11.8	185.0	-11.8	-.20	-.04
										20.5	185.0	-20.5	-.19	-.07
725.9	161.0	332.0						86.	185.					
731.0	161.0	331.7						85.	185.					
736.6	161.0	331.4						85.	185.					
740.2	161.0	331.2						74.	185.	3.8	185.0	-3.8	-.20	-.01
										28.2	185.0	-28.2	-.18	-.09
745.9	161.0	330.9						74.	185.	3.8	185.0	-3.8	-.20	-.01
										28.0	185.0	-28.0	-.18	-.09
751.9	161.0	330.6						83.	185.					

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*    DDH:  77X-08     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
757.2	161.0	330.3						90.	185.					
763.5	161.0	329.9						86.	185.					
767.7	161.0	329.7						78.	185.	10.5	185.0	-10.5	-.20	-.04
										20.9	185.0	-20.9	-.19	-.07
771.6	161.0	329.5						77.	185.	8.5	185.0	-8.5	-.20	-.03
										22.8	185.0	-22.8	-.18	-.08
775.7	161.0	329.3						68.	185.	34.8	185.0	-34.8	-.16	-.11
781.3	161.0	329.0						82.	185.					
786.7	161.0	328.7						60.	185.	43.6	185.0	-43.6	-.14	-.14
791.6	161.0	328.4						83.	185.					
797.7	161.0	328.1						73.	185.	2.6	185.0	-2.6	-.20	-.01
										28.2	185.0	-28.2	-.18	-.09
803.8	161.1	327.7						68.	185.	34.2	185.0	-34.2	-.17	-.11
809.7	161.3	327.4						75.	185.	5.1	185.0	-5.1	-.20	-.02
										25.0	185.0	-25.0	-.18	-.08
815.2	161.4	327.1						87.	185.					
820.3	161.6	326.8						87.	185.					
825.1	161.7	326.6						73.	185.	1.7	185.0	-1.7	-.20	-.01
										27.4	185.0	-27.4	-.18	-.09
831.1	161.9	326.3						73.	185.	1.4	185.0	-1.4	-.20	-.01
										27.2	185.0	-27.2	-.18	-.09
835.8	162.0	326.0						87.	185.					
840.4	162.1	325.7						85.	185.					
845.1	162.3	325.5						86.	185.					
851.2	162.4	325.2						70.	185.	30.4	185.0	-30.4	-.17	-.10
855.1	162.5	324.9						86.	185.					
862.3	162.7	324.5						80.	185.					
867.2	162.9	324.3						76.	185.	4.5	185.0	-4.5	-.20	-.02
										21.8	185.0	-21.8	-.19	-.07
871.4	163.0	324.0						81.	185.					
875.8	163.1	323.8						79.	185.					
880.4	163.2	323.6						65.	185.	35.3	185.0	-35.3	-.16	-.12
885.7	163.4	323.3						60.	185.	40.7	185.0	-40.7	-.15	-.13
959.5	166.1	326.8						60.	185.	39.9	185.0	-39.9	-.15	-.13
967.1	166.4	327.2						60.	185.	39.8	185.0	-39.8	-.15	-.13
972.3	166.6	327.5						58.	185.	41.8	185.0	-41.8	-.15	-.13
979.0	166.9	327.9						70.	185.	29.0	185.0	-29.0	-.17	-.10
983.5	167.0	328.0						85.	185.					

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

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PROGRAM COMMAND:  PLOTA,2000,095


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                  *    DDH:  77X-08     *     START PLOT NUMBER  3
                  ***********************


                        PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:  -2.72 -   0.   (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  18.91 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413

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

PROGRAM COMMAND:  PLOTB,2000,095


                  ***********************
                  *    DDH:  77X-08     *     START PLOT NUMBER  4
                  ***********************


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

                        PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                        X-AXIS PLOT LIMITS:  -2.72 -   0.   (INCHES)
                        Y-AXIS BOREHOLE LENGTH:  18.91 (INCHES)

                        BOREHOLE LIMITS FOR PLOTTING:    0.  -   991.2 METERS     J =   1 - 413
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*   DDH: 77X-08   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

			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
46.7	180.0	0.						85.	185.	5.0	185.0	-.0	-.20	-.00
52.6	180.0	0.						85.	185.	5.0	185.0	-.0	-.20	-.00
57.9	180.0	0.						68.	185.	22.0	185.0	-.0	-.20	-.00
61.3	180.0	0.						80.	185.	10.0	185.0	-.0	-.20	-.00
65.2	180.0	0.						63.	185.	27.0	185.0	-.0	-.20	-.00
69.0	179.9	359.1						73.	185.	17.0	185.0	-.0	-.20	-.00
73.1	179.6	356.6						69.	185.	21.0	185.0	-.0	-.20	-.00
79.5	179.2	352.6						58.	185.	32.8	185.0	-.0	-.20	-.00
80.2	179.2	352.2						63.	185.	27.8	185.0	-.0	-.20	-.00
85.3	178.8	349.0						66.	185.	25.2	185.0	-.0	-.20	-.00
90.7	178.5	345.6						70.	185.	21.4	185.0	-.0	-.20	-.00
95.3	178.2	342.7						70.	185.	21.7	185.0	-.0	-.20	-.00
99.0	177.9	340.4						70.	185.	21.9	185.0	-.0	-.20	-.00
100.0	177.9	339.8						85.	185.					
100.6	177.8	339.4						72.	185.	20.0	185.0	-.0	-.20	-.00
101.0	177.8	339.2						83.	185.	8.9	185.0	-.0	-.20	-.00
106.0	177.5	336.1						68.	185.	24.2	185.0	-.0	-.20	-.00
111.7	177.1	332.5						85.	185.					
116.6	176.8	329.5						80.	185.	12.4	185.0	-.0	-.20	-.00
121.0	176.5	326.7						70.	185.	22.6	185.0	-.0	-.20	-.00
124.8	176.2	324.4						82.	185.	10.5	185.0	-.0	-.20	-.00
128.7	176.0	321.9						76.	185.	16.7	185.0	-.0	-.20	-.00
130.0	175.9	321.1						80.	185.	12.5	185.0	-.0	-.20	-.00
136.2	175.5	317.3						77.	185.	15.6	185.0	-.0	-.20	-.00
140.6	175.2	314.5						70.	185.	22.7	185.0	-.0	-.20	-.00
145.4	174.9	311.5						75.	185.	17.5	185.0	-.0	-.20	-.00
149.1	174.7	309.2						77.	185.	15.2	185.0	-.0	-.20	-.00
152.5	174.4	307.1						79.	185.	12.9	185.0	-.0	-.20	-.00
176.7	173.5	304.7						85.	185.					
182.4	173.4	305.3						75.	185.	17.2	185.0	-.0	-.20	-.00
188.5	173.2	305.9						77.	185.	15.1	185.0	-.0	-.20	-.00
194.4	173.0	306.5						86.	185.					
201.0	172.9	307.1						80.	185.	11.8	185.0	-.0	-.20	-.00
205.6	172.7	307.6						83.	185.	.6	185.0	-.0	-.20	-.00
										7.3	185.0	-.0	-.20	-.00
211.1	172.6	308.1						83.	185.	.8	185.0	-.0	-.20	-.00
										7.3	185.0	-.0	-.20	-.00
215.4	172.5	308.5						77.	185.	15.6	185.0	-.0	-.20	-.00
219.6	172.3	309.0						73.	185.	20.1	185.0	-.0	-.20	-.00
224.6	172.2	309.4						73.	185.	20.2	185.0	-.0	-.20	-.00
229.1	172.1	309.9						81.	185.	10.8	185.0	-.0	-.20	-.00

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* DDH: 77X-08 * ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
234.1	171.9	310.4						65.	185.	28.9	185.0	-.0	-.20	-.00
244.3	171.7	311.4						78.	185.	14.9	185.0	-.0	-.20	-.00
250.6	171.5	312.0						75.	185.	18.6	185.0	-.0	-.20	-.00
254.4	171.6	312.0						76.	185.	17.4	185.0	-.0	-.20	-.00
259.7	171.7	312.1						76.	185.	17.4	185.0	-.0	-.20	-.00
264.0	171.7	312.1						75.	185.	18.5	185.0	-.0	-.20	-.00
268.2	171.8	312.2						80.	185.	12.6	185.0	-.0	-.20	-.00
273.0	171.9	312.2						77.	185.	16.2	185.0	-.0	-.20	-.00
277.5	171.9	312.3						5.	185.	89.9	185.0	-.0	-.20	-.00
278.3	172.0	312.3						0.	185.					
282.5	172.0	312.3						79.	185.	13.9	185.0	-.0	-.20	-.00
287.2	172.1	312.4						83.	185.	1.7	185.0	-.0	-.20	-.00
										7.9	185.0	-.0	-.20	-.00
292.3	172.2	312.5						80.	185.	12.6	185.0	-.0	-.20	-.00
297.7	172.3	312.5						83.	185.	1.3	185.0	-.0	-.20	-.00
										8.1	185.0	-.0	-.20	-.00
303.3	172.4	312.6						75.	185.	18.4	185.0	-.0	-.20	-.00
308.7	172.5	312.6						72.	185.	21.6	185.0	-.0	-.20	-.00
314.2	172.5	312.7						80.	185.	12.7	185.0	-.0	-.20	-.00
331.1	172.8	312.9						78.	185.	15.0	185.0	-.0	-.20	-.00
336.3	172.9	312.9						65.	185.	28.8	185.0	-.0	-.20	-.00
341.0	173.0	313.0						90.	185.					
346.2	172.6	313.4						73.	185.	20.6	185.0	-.0	-.20	-.00
350.7	172.1	313.8						80.	185.	12.9	185.0	-.0	-.20	-.00
355.7	171.6	314.2						80.	185.	12.9	185.0	-.0	-.20	-.00
359.0	171.2	314.5						55.	185.	40.0	185.0	-.0	-.20	-.00
365.5	170.6	315.1						73.	185.	21.5	185.0	-.0	-.20	-.00
371.2	170.0	315.6						70.	185.	25.1	185.0	-.0	-.20	-.00
374.9	169.6	315.9						65.	185.	30.7	185.0	-.0	-.20	-.00
378.6	169.2	316.2						50.	185.	46.5	185.0	-.0	-.20	-.00
382.5	168.8	316.5						70.	185.	25.7	185.0	-.0	-.20	-.00
386.5	168.4	316.9						70.	185.	25.9	185.0	-.0	-.20	-.00
391.8	167.8	317.4						70.	185.	26.2	185.0	-.0	-.20	-.00
396.3	167.4	317.8						80.	185.	4.7	185.0	-.0	-.20	-.00
										12.5	185.0	-.0	-.20	-.00
400.2	167.0	318.1						82.	185.					
405.4	166.4	318.5						70.	185.	27.0	185.0	-.0	-.20	-.00
410.9	165.8	319.0						80.	185.					
415.4	165.4	319.4						73.	185.	23.9	185.0	-.0	-.20	-.00
421.0	164.8	319.9						68.	185.	30.2	185.0	-.0	-.20	-.00
426.4	164.2	320.4						82.	185.					

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*     DDH:  77X-08     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
430.4	163.8	320.7						87.	185.					
435.4	163.5	321.1						86.	185.					
445.5	163.3	321.8						72.	185.	26.4	185.0	-.0	-.20	-.00
451.0	163.2	322.2						60.	185.	40.5	185.0	-.0	-.20	-.00
455.1	163.1	322.4						87.	185.					
457.5	163.1	322.6						81.	185.					
462.4	163.0	322.9						79.	185.					
467.5	162.9	323.2						80.	185.					
470.3	162.9	323.4						60.	185.	40.9	185.0	-.0	-.20	-.00
473.2	162.8	323.6						82.	185.					
480.0	162.7	324.1						83.	185.					
485.5	162.6	324.4						74.	185.	1.9	185.0	-.0	-.20	-.00
										24.9	185.0	-.0	-.20	-.00
491.0	162.6	324.8						78.	185.	8.9	185.0	-.0	-.20	-.00
										18.0	185.0	-.0	-.20	-.00
495.0	162.5	325.0						85.	185.					
499.7	162.4	325.4						83.	185.					
506.0	162.3	325.8						88.	185.					
511.0	162.2	326.1						85.	185.					
516.6	162.1	326.5						80.	185.					
522.7	162.0	326.9						79.	185.	14.3	185.0	-.0	-.20	-.00
529.4	161.9	327.3						80.	185.					
532.5	161.8	327.5						86.	185.					
537.1	161.7	327.8						85.	185.					
542.0	161.6	328.1						85.	185.					
547.8	161.5	328.5						77.	185.	7.9	185.0	-.0	-.20	-.00
										22.2	185.0	-.0	-.20	-.00
552.1	161.4	328.8						80.	185.					
556.7	161.3	329.1						80.	185.					
562.9	161.2	329.5						75.	185.	5.0	185.0	-.0	-.20	-.00
										26.0	185.0	-.0	-.20	-.00
566.0	161.1	329.7						75.	185.	5.1	185.0	-.0	-.20	-.00
										26.1	185.0	-.0	-.20	-.00
572.1	161.0	330.1						77.	185.	8.4	185.0	-.0	-.20	-.00
										23.1	185.0	-.0	-.20	-.00
577.0	160.9	330.4						83.	185.					
582.8	160.7	330.8						76.	185.	7.1	185.0	-.0	-.20	-.00
										25.2	185.0	-.0	-.20	-.00
587.4	160.6	331.1						72.	185.	1.7	185.0	-.0	-.20	-.00
										30.9	185.0	-.0	-.20	-.00
593.5	160.5	331.5						86.	185.					

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*     DDH:  77X-08     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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
597.8	160.4	331.8						65.	185.	39.4	185.0	-.0	-.20	-.00
602.6	160.3	332.1						82.	185.					
608.7	160.2	332.5						77.	185.	9.2	185.0	-.0	-.20	-.00
										24.6	185.0	-.0	-.20	-.00
613.5	160.1	332.8						90.	185.					
617.8	160.0	333.0						72.	185.	2.4	185.0	-.0	-.20	-.00
										31.9	185.0	-.0	-.20	-.00
622.7	160.1	333.0						75.	185.	6.2	185.0	-.0	-.20	-.00
										27.9	185.0	-.0	-.20	-.00
627.5	160.1	333.0						25.	185.	81.6	185.0	-.0	-.20	-.00
632.6	160.2	333.0						80.	185.					
639.0	160.2	333.0						73.	185.	3.4	185.0	-.0	-.20	-.00
										30.5	185.0	-.0	-.20	-.00
643.7	160.3	333.0						85.	185.					
648.3	160.4	333.0						81.	185.					
654.4	160.4	333.0						70.	185.	34.1	185.0	-.0	-.20	-.00
660.0	160.5	333.0						75.	185.	5.6	185.0	-.0	-.20	-.00
										27.8	185.0	-.0	-.20	-.00
664.6	160.5	333.0						70.	185.	34.0	185.0	-.0	-.20	-.00
669.6	160.6	333.0						80.	185.					
675.4	160.6	333.0						85.	185.					
680.5	160.7	333.0						83.	185.					
685.8	160.8	333.0						89.	185.					
691.0	160.8	333.0						80.	185.					
696.0	160.9	333.0						78.	185.	9.7	185.0	-.0	-.20	-.00
										23.1	185.0	-.0	-.20	-.00
700.8	160.9	333.0						82.	185.					
705.1	161.0	333.0						82.	185.					
710.2	161.0	332.9						80.	185.	15.4	185.0	-.0	-.20	-.00
										17.1	185.0	-.0	-.20	-.00
714.6	161.0	332.6						85.	185.					
720.8	161.0	332.3						79.	185.	11.8	185.0	-.0	-.20	-.00
										20.5	185.0	-.0	-.20	-.00
725.9	161.0	332.0						86.	185.					
731.0	161.0	331.7						85.	185.					
736.6	161.0	331.4						85.	185.					
740.2	161.0	331.2						74.	185.	3.8	185.0	-.0	-.20	-.00
										28.2	185.0	-.0	-.20	-.00
745.9	161.0	330.9						74.	185.	3.8	185.0	-.0	-.20	-.00
										28.0	185.0	-.0	-.20	-.00
751.9	161.0	330.6						83.	185.					

```
***********************
*    DDH:  77X-08     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
***********************
```

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
757.2	161.0	330.3						90.	185.					
763.5	161.0	329.9						86.	185.					
767.7	161.0	329.7						78.	185.	10.5	185.0	-.0	-.20	-.00
										20.9	185.0	-.0	-.20	-.00
771.6	161.0	329.5						77.	185.	8.5	185.0	-.0	-.20	-.00
										22.8	185.0	-.0	-.20	-.00
775.7	161.0	329.3						68.	185.	34.8	185.0	-.0	-.20	-.00
781.3	161.0	329.0						82.	185.					
786.7	161.0	328.7						60.	185.	43.6	185.0	-.0	-.20	-.00
791.6	161.0	328.4						83.	185.					
797.7	161.0	328.1						73.	185.	2.6	185.0	-.0	-.20	-.00
										28.2	185.0	-.0	-.20	-.00
803.8	161.1	327.7						68.	185.	34.2	185.0	-.0	-.20	-.00
809.7	161.3	327.4						75.	185.	5.1	185.0	-.0	-.20	-.00
										25.0	185.0	-.0	-.20	-.00
815.2	161.4	327.1						87.	185.					
820.3	161.6	326.8						87.	185.					
825.1	161.7	326.6						73.	185.	1.7	185.0	-.0	-.20	-.00
										27.4	185.0	-.0	-.20	-.00
831.1	161.9	326.3						73.	185.	1.4	185.0	-.0	-.20	-.00
										27.2	185.0	-.0	-.20	-.00
835.8	162.0	326.0						87.	185.					
840.4	162.1	325.7						85.	185.					
845.1	162.3	325.5						86.	185.					
851.2	162.4	325.2						70.	185.	30.4	185.0	-.0	-.20	-.00
855.1	162.5	324.9						86.	185.					
862.3	162.7	324.5						80.	185.					
867.2	162.9	324.3						76.	185.	4.5	185.0	-.0	-.20	-.00
										21.8	185.0	-.0	-.20	-.00
871.4	163.0	324.0						81.	185.					
875.8	163.1	323.8						79.	185.					
880.4	163.2	323.6						65.	185.	35.3	185.0	-.0	-.20	-.00
885.7	163.4	323.3						60.	185.	40.7	185.0	-.0	-.20	-.00
959.5	166.1	326.8						60.	185.	39.9	185.0	-.0	-.20	-.00
967.1	166.4	327.2						60.	185.	39.8	185.0	-.0	-.20	-.00
972.3	166.6	327.5						58.	185.	41.8	185.0	-.0	-.20	-.00
979.0	166.9	327.9						70.	185.	29.0	185.0	-.0	-.20	-.00
983.5	167.0	328.0						85.	185.					

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

```
 STOP ALL PLOTS FINISHED
SRU'S:53.7
!OFF
USAGE ON 11/15/77 AT 16:17:57
SRU'S:117.9      ELAPSED TIME: 00:02:55
```

77X-09

GPS PQS001,,DRHOLE AT: 11/15/77 16:53:07 JOB: 25065 UU 40-01-048 8888888888 11

```
!EQUATE 1 77X09D.FD
!DEFINE 77X09D.TD KEY:
!EQUATE 2 77X09D.TD
!DDHCOR.DH
```

```
************************
*     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
         1........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
                  0         0         0         0         0
```

```
************************
*     DDH:  77X-09     *
************************

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

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

```
************************
*     DDH:  77X-09     *
************************

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

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

****
*   DDH: 77X-09   *
****

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

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

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	

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

```
************************
*     DDH:  77X-09     *
************************

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

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

```
************************
*     DDH:  77X-09     *
************************

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

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

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************************
*     DDH:  77X-09     *
************************

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

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

```
************************
*     DDH:  77X-09     *
************************

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

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


DDH:  77X-09  -- SUMMARY OF DATA INPUT

               RECORDS READ =  314   RELEASED TO SORT  355
               TYPE-L =    81
               TYPE-P =    23
               TYPE-R =    12
               TYPE-S =   197
               TYPE-X =    41    ( GENERATED TO DEPTH:  820.0 METERS )

    DRILLHOLE TRUE DEPTH (VERTICAL) =    836.0 METERS
```

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************************
*     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
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                        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 =      356
```

****
* 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

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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			GEOCHM LOG				S1		S2		TRUE				
METERS	CODE	LITH	NO	INT	FEAT	SYM	CA	DIPD	CA	DIPD	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

****
* 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
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 5B7									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

****
* 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

DDH METERS	CODE	LITH	GEOCHM LOG NO	GEOCHM LOG INT	STRUCTURAL LOG FEAT	SYM	S1 CA	S1 DIPD	S2 CA	S2 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

****
*   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
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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************************
*    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
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

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*************************
*     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
```

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

FINISHED -- LENGTH = 836.00 METERS   ENTRIES = 356

```
 STOP FINISHED
SRU'S:52.7
!*
!DEFINE 77X09D.PF KEY:0 ON:SPN
!EQUATE 20 77X09D.PF
!DDHPLT.DH
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************************
*     DDH:  77X-09     *     PLOT OF CORRECTED DRILLHOLE DATA
************************

DATA READ COMPLETED -- CARDS =  356
     POINTS =  355    MAX DDH DEPTH =     836.0 METERS
                      MAX TRUE DEPTH =   804.1 METERS
     EASTING:     -50.7 -      0.  METERS
     NORTHING:      0.  -  186.7 METERS

     TYPE C DATA (CONTACTS) -----  81
     TYPE F DATA (PLANES) ------- 149
     TYPE P DATA (SAMPLES) ------  23
     TYPE S DATA (SYMMETRY) -----  49
     TYPE X DATA (REF MARKERS) --  41
```

GEOLOGICAL CONTACTS

SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT	SEQ	DDH METERS	RKUNIT
1	3.3	01 #	22	495.4	22 0C6	43	654.1	43 4A0	64	691.3	64 4L0
2	57.0	02 5B6	23	496.1	23 0C7	44	654.7	44 4L1	65	695.7	65 4L1
3	65.3	03 5B0	24	503.7	24 0C6	45	655.2	45 4A0	66	697.0	66 4A7
4	66.8	04 5B0	25	510.1	25 0C7	46	655.5	46 4L1	67	697.8	67 5B6
5	71.3	05 5B0	26	515.1	26 0C6	47	656.3	47 4A0	68	699.6	68 4A7
6	96.9	06 5B6	27	518.4	27 0C7	48	656.7	48 4LA	69	701.2	69 4A0
7	102.3	07 5D3	28	521.5	28 0C6	49	658.9	49 4A0	70	701.6	70 4A0
8	104.7	08 5B6	29	523.8	29 3C7	50	659.2	50 4B7	71	702.3	71 4A0
9	110.3	09 5D3	30	526.4	30 3C7	51	659.8	51 5D6	72	704.8	72 4C4
10	125.1	10 5D3	31	534.7	31 5D3	52	662.9	52 5C6	73	705.3	73 4K0
11	146.4	11 5B6	32	544.4	32 5D3	53	663.9	53 5D6	74	706.0	74 4H1
12	154.3	12 5D3	33	544.8	33 5A3	54	666.3	54 4A7	75	729.4	75 5A1
13	183.9	13 5D3	34	545.9	34 5B2	55	672.0	55 5B4	76	735.7	76 3G0
14	195.2	14 5B7	35	546.4	35 5A3	56	677.9	56 5B7	77	738.4	77 0Q0
15	202.9	15 5D3	36	548.1	36 5B0	57	678.5	57 4A7	78	802.8	78 3G0
16	211.0	16 5B6	37	550.5	37 5B3	58	679.5	58 5C3	79	809.0	79 4L7
17	404.1	17 5B7	38	550.9	38 5B7	59	680.4	59 5D3	80	809.4	80 4L7
18	427.8	18 5D0	39	619.1	39 5D3	60	680.9	60 4B7	81	836.0	3G0
19	431.6	19 5D3	40	619.8	40 5B7	61	681.1	61 4A7			
20	485.3	20 5D3	41	622.1	41 5D3	62	681.5	62 4B7			
21	494.6	21 5B7	42	625.5	42 5B7	63	683.7	63 5D3			

```
PROGRAM COMMAND:  PLOTA,2000,005


          ************************
          *     DDH:  77X-09     *     START PLOT NUMBER  1
          ************************

                PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                X-AXIS PLOT LIMITS:    0.    -    3.57 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  15.83 (INCHES)

                BOREHOLE LIMITS FOR PLOTTING:     0.  -    836.0 METERS      J =    1 - 355

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

PROGRAM COMMAND:  PLOTB,2000,005


          ************************
          *     DDH:  77X-09     *     START PLOT NUMBER  2
          ************************

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

                PROJECTION PLANE BEARS     5. DEGREES -- VIEW AZIMUTH: 275. DEGREES

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

                X-AXIS PLOT LIMITS:    0.    -    3.57 (INCHES)
                Y-AXIS BOREHOLE LENGTH:  15.83 (INCHES)

                BOREHOLE LIMITS FOR PLOTTING:     0.  -    836.0 METERS      J =    1 - 355
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************************
*     DDH:  77X-09     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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```

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	S1 OBSERVED DIPD	S1 CALCULATED DIP	S1 CALCULATED DIPD	S1 CALCULATED AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	S2 OBSERVED DIPD	S2 CALCULATED DIP	S2 CALCULATED DIPD	S2 CALCULATED AP-DIP	PLOT PARAMETERS H	PLOT PARAMETERS V
4.0	179.9	359.7						87.	185.					
9.1	179.7	359.3						85.	185.					
14.0	179.6	358.9						75.	185.	15.0	185.0	-15.0	-.19	-.05
22.0	179.3	358.3						83.	185.	7.0	185.0	-7.0	-.20	-.02
26.0	179.2	358.0						82.	185.	8.0	185.0	-8.0	-.20	-.03
32.0	179.0	357.5						73.	185.	18.0	185.0	-18.0	-.19	-.06
36.6	178.9	357.2						73.	185.	18.1	185.0	-18.1	-.19	-.06
41.8	178.7	356.8						82.	185.	8.1	185.0	-8.1	-.20	-.03
46.0	178.6	356.4						70.	185.	21.4	185.0	-21.4	-.19	-.07
50.8	178.5	356.1						80.	185.	11.5	185.0	-11.5	-.20	-.04
55.0	178.3	355.7						83.	185.	8.7	185.0	-8.7	-.20	-.03
61.7	178.1	355.2						65.	185.	26.9	185.0	-26.9	-.18	-.09
68.0	177.9	354.7						61.	185.	31.1	185.0	-31.1	-.17	-.10
73.6	177.8	354.3						80.	185.	12.2	185.0	-12.2	-.20	-.04
78.9	177.6	353.9						87.	185.					
83.5	177.5	353.5						72.	185.	20.4	185.0	-20.4	-.19	-.07
89.9	177.3	353.0						76.	185.	16.6	185.0	-16.6	-.19	-.06
103.5	176.9	352.0						72.	185.	21.0	185.0	-21.0	-.19	-.07
108.2	176.7	351.6						68.	185.	25.2	185.0	-25.2	-.18	-.09
113.3	176.6	351.2						80.	185.	13.3	185.0	-13.3	-.19	-.05
118.3	176.4	349.9						83.	185.	10.4	185.0	-10.4	-.20	-.04
123.0	176.4	347.8						69.	185.	24.4	185.0	-24.4	-.18	-.08
129.4	176.2	344.9						70.	185.	23.5	185.0	-23.5	-.18	-.08
135.0	176.1	342.3						65.	185.	28.6	185.0	-28.6	-.18	-.10
139.5	176.0	340.3						82.	185.	11.5	185.0	-11.5	-.20	-.04
143.5	175.9	338.5						87.	185.					
148.3	175.8	336.3						70.	185.	23.6	185.0	-23.6	-.18	-.08
152.6	175.7	334.4						80.	185.	13.5	185.0	-13.5	-.19	-.05
157.6	175.6	332.2						75.	185.	18.5	185.0	-18.5	-.19	-.06
162.7	175.5	329.9						85.	185.					
168.3	175.4	327.3						85.	185.					
173.3	175.3	325.1						85.	185.					
177.8	175.2	323.0						85.	185.					
182.2	175.1	321.1						80.	185.	12.9	185.0	-12.9	-.19	-.04
187.9	175.0	318.5						84.	185.	8.2	185.0	-8.2	-.20	-.03
192.8	174.7	317.7						89.	185.					
197.6	174.4	317.4						88.	185.					
203.0	174.0	317.0						77.	185.	16.2	185.0	-16.2	-.19	-.06
208.0	173.7	316.7						69.	185.	24.7	185.0	-24.7	-.18	-.08
212.1	173.4	316.4						85.	185.					
216.6	173.1	316.1						73.	185.	20.8	185.0	-20.8	-.19	-.07

****
*   DDH: 77X-09   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH =   5.0   VIEW AZIMUTH = 275.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
221.7	172.8	315.8						78.	185.	15.4	185.0	-15.4	-.19	-.05
224.1	172.6	315.6						79.	185.	14.3	185.0	-14.3	-.19	-.05
229.5	172.2	315.2						79.	185.	14.3	185.0	-14.3	-.19	-.05
233.1	172.0	315.0						73.	185.	21.1	185.0	-21.1	-.19	-.07
238.6	171.6	314.6						80.	185.	13.0	185.0	-13.0	-.19	-.05
243.6	171.3	314.3						83.	185.	3.6	185.0	-3.6	-.20	-.01
										7.5	185.0	-7.5	-.20	-.03
248.7	170.9	313.9						83.	185.	5.7	185.0	-5.7	-.20	-.02
253.6	170.6	313.6						80.	185.	12.7	185.0	-12.7	-.20	-.04
257.7	170.3	313.3						55.	185.	40.3	185.0	-40.3	-.15	-.13
262.5	170.0	313.1						88.	185.					
267.0	169.8	314.0						75.	185.	19.2	185.0	-19.2	-.19	-.07
271.6	169.7	314.9						73.	185.	21.8	185.0	-21.8	-.19	-.07
275.9	169.5	315.8						70.	185.	25.3	185.0	-25.3	-.18	-.09
281.6	169.4	317.0						76.	185.	18.8	185.0	-18.8	-.19	-.06
286.2	169.2	317.9						68.	185.	28.0	185.0	-28.0	-.18	-.09
290.0	169.1	318.7						80.	185.	1.4	185.0	-1.4	-.20	-.00
										13.8	185.0	-13.8	-.19	-.05
294.4	168.9	319.6						85.	185.					
300.1	168.8	320.8						74.	185.	22.1	185.0	-22.1	-.19	-.08
305.4	168.6	321.9						70.	185.	26.9	185.0	-26.9	-.18	-.09
310.6	168.4	322.9						72.	185.	25.0	185.0	-25.0	-.18	-.08
316.0	168.2	324.0						63.	185.	34.9	185.0	-34.9	-.16	-.11
321.8	168.0	325.2						73.	185.	24.5	185.0	-24.5	-.18	-.08
324.9	167.9	325.9						77.	185.	20.0	185.0	-20.0	-.19	-.07
330.9	167.7	327.1						77.	185.	20.4	185.0	-20.4	-.19	-.07
335.1	167.6	328.0						80.	185.	3.2	185.0	-3.2	-.20	-.01
										16.7	185.0	-16.7	-.19	-.06
340.1	167.3	328.0						83.	185.					
346.0	167.0	328.0						83.	185.					
350.8	166.7	328.0						81.	185.	6.5	185.0	-6.5	-.20	-.02
										14.9	185.0	-14.9	-.19	-.05
355.4	166.4	328.0						76.	185.	22.4	185.0	-22.4	-.18	-.08
362.0	166.0	328.0						87.	185.					
367.0	165.7	328.0						83.	185.					
372.2	165.4	328.0						75.	185.	24.0	185.0	-24.0	-.18	-.08
378.2	165.1	328.0						78.	185.	3.9	185.0	-3.9	-.20	-.01
										20.1	185.0	-20.1	-.19	-.07
384.3	164.7	328.0						85.	185.					
388.6	164.4	328.0						77.	185.	3.5	185.0	-3.5	-.20	-.01
										21.7	185.0	-21.7	-.19	-.07

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*    DDH:  77X-09      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************

PROJECTION PLANE AZIMUTH =   5.0      VIEW AZIMUTH = 275.0
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DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
395.3	164.1	328.0						85.	185.					
401.5	164.0	329.6						84.	185.					
405.8	164.0	330.8						84.	185.					
410.3	164.0	332.2						72.	185.	29.4	185.0	-29.4	-.17	-.10
414.9	164.0	333.5						76.	185.	2.4	185.0	-2.4	-.20	-.01
										25.1	185.0	-25.1	-.18	-.08
419.4	164.0	334.8						68.	185.	34.5	185.0	-34.5	-.16	-.11
425.0	164.0	336.5						57.	185.	46.4	185.0	-46.4	-.14	-.14
431.3	164.0	338.4						66.	185.	37.4	185.0	-37.4	-.16	-.12
437.2	164.0	340.1						76.	185.	2.2	185.0	-2.2	-.20	-.01
										26.9	185.0	-26.9	-.18	-.09
440.7	164.0	341.1						73.	185.	30.5	185.0	-30.5	-.17	-.10
445.3	164.0	342.5						88.	185.					
450.1	164.0	343.9						67.	185.	37.3	185.0	-37.3	-.16	-.12
455.8	164.0	345.6						87.	185.					
460.5	163.9	346.1						81.	185.	7.9	185.0	-7.9	-.20	-.03
										22.7	185.0	-22.7	-.18	-.08
465.1	163.7	346.3						76.	185.	2.5	185.0	-2.5	-.20	-.01
										28.5	185.0	-28.5	-.18	-.10
469.5	163.6	346.4						74.	185.	.4	185.0	-.4	-.20	-.00
										30.7	185.0	-30.7	-.17	-.10
474.3	163.4	346.6						69.	185.	36.2	185.0	-36.2	-.16	-.12
480.4	163.2	346.8						81.	185.	8.6	185.0	-8.6	-.20	-.03
										23.4	185.0	-23.4	-.18	-.08
527.7	161.5	348.4						66.	185.	41.2	185.0	-41.2	-.15	-.13
535.2	161.2	348.6						90.	185.					
541.3	160.9	348.8						85.	185.					
547.4	160.6	349.1						85.	185.					
553.5	160.3	349.3						80.	185.	10.5	185.0	-10.5	-.20	-.04
										27.6	185.0	-27.6	-.18	-.09
559.6	160.0	349.5						85.	185.					
565.7	159.7	349.7						85.	185.					
571.8	159.4	350.0						87.	185.					
577.9	159.1	350.2						85.	185.					
584.0	158.8	350.4						60.	185.	50.2	185.0	-50.2	-.13	-.15
587.1	158.6	350.5						85.	185.					
593.1	158.4	350.7						86.	185.					
599.2	158.1	351.0						75.	185.	7.2	185.0	-7.2	-.20	-.03
										35.4	185.0	-35.4	-.16	-.12
605.3	157.8	351.7						85.	185.					
608.4	157.6	352.1						70.	185.	2.5	185.0	-2.5	-.20	-.01
										41.3	185.0	-41.3	-.15	-.13

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*     DDH:  77X-09     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 5.0   VIEW AZIMUTH = 275.0

			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
614.5	157.3	353.0						78.	185.	11.2	185.0	-11.2	-.20	-.04
										33.3	185.0	-33.3	-.17	-.11
620.6	157.0	353.8						80.	185.	13.6	185.0	-13.6	-.19	-.05
										31.6	185.0	-31.6	-.17	-.10
623.6	156.8	354.2						70.	185.	3.3	185.0	-3.3	-.20	-.01
										42.4	185.0	-42.4	-.15	-.13
626.8	156.7	354.7						80.	185.	13.8	185.0	-13.8	-.19	-.05
										32.1	185.0	-32.1	-.17	-.11
632.8	156.4	355.5						78.	185.	11.9	185.0	-11.9	-.20	-.04
										34.7	185.0	-34.7	-.16	-.11
638.3	156.1	356.3						83.	185.	17.6	185.0	-17.6	-.19	-.06
										29.7	185.0	-29.7	-.17	-.10
642.0	155.9	356.8						90.	185.					
645.0	155.8	357.2						87.	185.					
649.5	155.5	357.8						68.	185.	2.5	185.0	-2.5	-.20	-.01
										46.1	185.0	-46.1	-.14	-.14
653.5	155.3	358.4						70.	185.	4.7	185.0	-4.7	-.20	-.02
										44.4	185.0	-44.4	-.14	-.14
655.5	155.2	358.6						75.	185.	9.9	185.0	-9.9	-.20	-.03
										39.4	185.0	-39.4	-.15	-.13
660.5	155.0	359.3						70.	185.	5.0	185.0	-5.0	-.20	-.02
										44.8	185.0	-44.8	-.14	-.14
667.3	154.6	.3						83.	185.	18.6	185.0	-18.6	-.19	-.06
										32.0	185.0	-32.0	-.17	-.11
672.4	154.4	1.0						75.	185.	10.6	185.0	-10.6	-.20	-.04
										40.4	185.0	-40.4	-.15	-.13
678.5	154.1	1.8						65.	185.	.9	185.0	-.9	-.20	-.00
										50.8	185.0	-50.8	-.13	-.16
685.1	154.3	1.8						80.	185.	15.8	185.0	-15.8	-.19	-.05
										35.6	185.0	-35.6	-.16	-.12
688.5	154.5	1.6						80.	185.	15.6	185.0	-15.6	-.19	-.05
										35.4	185.0	-35.4	-.16	-.12
694.0	154.8	1.4						55.	185.	60.1	185.0	-60.1	-.10	-.17
699.8	155.1	1.2						72.	185.	6.9	185.0	-6.9	-.20	-.02
										42.8	185.0	-42.8	-.15	-.14
705.5	155.4	.9						69.	185.	3.6	185.0	-3.6	-.20	-.01
										45.5	185.0	-45.5	-.14	-.14
710.2	155.7	.7						78.	185.	12.4	185.0	-12.4	-.20	-.04
										36.1	185.0	-36.1	-.16	-.12
715.0	155.9	.6						60.	185.	54.0	185.0	-54.0	-.12	-.16
721.1	156.3	.3						70.	185.	3.7	185.0	-3.7	-.20	-.01
										43.5	185.0	-43.5	-.14	-.14

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************************
*    DDH:  77X-09      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
************************

PROJECTION PLANE AZIMUTH =   5.0     VIEW AZIMUTH = 275.0
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DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
730.3	156.8	359.9						75.	185.	8.2	185.0	-8.2	-.20	-.03
										38.0	185.0	-38.0	-.16	-.12
736.4	157.1	359.7						80.	185.	13.0	185.0	-13.0	-.19	-.05
										32.6	185.0	-32.6	-.17	-.11
742.5	157.4	359.4						80.	185.	12.7	185.0	-12.7	-.20	-.04
										32.3	185.0	-32.3	-.17	-.11
748.6	157.8	359.2						55.	185.	57.0	185.0	-57.0	-.11	-.17
754.7	158.1	358.3						73.	185.	4.9	185.0	-4.9	-.20	-.02
										38.6	185.0	-38.6	-.16	-.12
760.7	158.6	356.1						58.	185.	53.0	185.0	-53.0	-.12	-.16
766.0	159.0	354.1						70.	185.	1.0	185.0	-1.0	-.20	-.00
										40.3	185.0	-40.3	-.15	-.13
773.0	159.5	351.5						65.	185.	44.6	185.0	-44.6	-.14	-.14
776.0	159.7	350.4						83.	185.	14.8	185.0	-14.8	-.19	-.05
										24.6	185.0	-24.6	-.18	-.08
782.1	160.2	348.2						70.	185.	38.2	185.0	-38.2	-.16	-.12
788.0	160.6	346.0						68.	185.	39.6	185.0	-39.6	-.15	-.13
794.5	161.1	343.6						85.	185.					
803.5	161.8	340.3						75.	185.	3.6	185.0	-3.6	-.20	-.01
										29.7	185.0	-29.7	-.17	-.10
809.5	162.3	338.1						74.	185.	1.9	185.0	-1.9	-.20	-.01
										29.8	185.0	-29.8	-.17	-.10
817.8	162.9	335.0						65.	185.	38.5	185.0	-38.5	-.16	-.12
821.4	163.2	333.7						70.	185.	32.6	185.0	-32.6	-.17	-.11
827.8	163.5	332.0						80.	185.	9.4	185.0	-9.4	-.20	-.03
										18.5	185.0	-18.5	-.19	-.06

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

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PROGRAM COMMAND:  PLOTA,2000,095


           ************************
           *     DDH:  77X-09     *     START PLOT NUMBER  3
           ************************

                 PLOT-A -- TRACE, LITHOLOGY, AND ASSAYS

                 PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                 X-AXIS PLOT LIMITS:  -1.31 -   0.   (INCHES)
                 Y-AXIS BOREHOLE LENGTH:  15.83 (INCHES)

                 BOREHOLE LIMITS FOR PLOTTING:    0.  -   836.0 METERS     J =   1 - 355

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

PROGRAM COMMAND:  PLOTB,2000,095


           ************************
           *     DDH:  77X-09     *     START PLOT NUMBER  4
           ************************

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

                 PROJECTION PLANE BEARS    95. DEGREES -- VIEW AZIMUTH:   5. DEGREES

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

                 X-AXIS PLOT LIMITS:  -1.31 -   0.   (INCHES)
                 Y-AXIS BOREHOLE LENGTH:  15.83 (INCHES)

                 BOREHOLE LIMITS FOR PLOTTING:    0.  -   836.0 METERS     J =   1 - 355
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*     DDH:  77X-09     *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
4.0	179.9	359.7						87.	185.					
9.1	179.7	359.3						85.	185.					
14.0	179.6	358.9						75.	185.	15.0	185.0	-.0	-.20	-.00
22.0	179.3	358.3						83.	185.	7.0	185.0	-.0	-.20	-.00
26.0	179.2	358.0						82.	185.	8.0	185.0	-.0	-.20	-.00
32.0	179.0	357.5						73.	185.	18.0	185.0	-.0	-.20	-.00
36.6	178.9	357.2						73.	185.	18.1	185.0	-.0	-.20	-.00
41.8	178.7	356.8						82.	185.	8.1	185.0	-.0	-.20	-.00
46.0	178.6	356.4						70.	185.	21.4	185.0	-.0	-.20	-.00
50.8	178.5	356.1						80.	185.	11.5	185.0	-.0	-.20	-.00
55.0	178.3	355.7						83.	185.	8.7	185.0	-.0	-.20	-.00
61.7	178.1	355.2						65.	185.	26.9	185.0	-.0	-.20	-.00
68.0	177.9	354.7						61.	185.	31.1	185.0	-.0	-.20	-.00
73.6	177.8	354.3						80.	185.	12.2	185.0	-.0	-.20	-.00
78.9	177.6	353.9						87.	185.					
83.5	177.5	353.5						72.	185.	20.4	185.0	-.0	-.20	-.00
89.9	177.3	353.0						76.	185.	16.6	185.0	-.0	-.20	-.00
103.5	176.9	352.0						72.	185.	21.0	185.0	-.0	-.20	-.00
108.2	176.7	351.6						68.	185.	25.2	185.0	-.0	-.20	-.00
113.3	176.6	351.2						80.	185.	13.3	185.0	-.0	-.20	-.00
118.3	176.4	349.9						83.	185.	10.4	185.0	-.0	-.20	-.00
123.0	176.4	347.8						69.	185.	24.4	185.0	-.0	-.20	-.00
129.4	176.2	344.9						70.	185.	23.5	185.0	-.0	-.20	-.00
135.0	176.1	342.3						65.	185.	28.6	185.0	-.0	-.20	-.00
139.5	176.0	340.3						82.	185.	11.5	185.0	-.0	-.20	-.00
143.5	175.9	338.5						87.	185.					
148.3	175.8	336.3						70.	185.	23.6	185.0	-.0	-.20	-.00
152.6	175.7	334.4						80.	185.	13.5	185.0	-.0	-.20	-.00
157.6	175.6	332.2						75.	185.	18.5	185.0	-.0	-.20	-.00
162.7	175.5	329.9						85.	185.					
168.3	175.4	327.3						85.	185.					
173.3	175.3	325.1						85.	185.					
177.8	175.2	323.0						85.	185.					
182.2	175.1	321.1						80.	185.	12.9	185.0	-.0	-.20	-.00
187.9	175.0	318.5						84.	185.	8.2	185.0	-.0	-.20	-.00
192.8	174.7	317.7						89.	185.					
197.6	174.4	317.4						88.	185.					
203.0	174.0	317.0						77.	185.	16.2	185.0	-.0	-.20	-.00
208.0	173.7	316.7						69.	185.	24.7	185.0	-.0	-.20	-.00
212.1	173.4	316.4						85.	185.					
216.6	173.1	316.1						73.	185.	20.8	185.0	-.0	-.20	-.00

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*    DDH:  77X-09      *    ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0 VIEW AZIMUTH = 5.0

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
221.7	172.8	315.8						78.	185.	15.4	185.0	-.0	-.20	-.00
224.1	172.6	315.6						79.	185.	14.3	185.0	-.0	-.20	-.00
229.5	172.2	315.2						79.	185.	14.3	185.0	-.0	-.20	-.00
233.1	172.0	315.0						73.	185.	21.1	185.0	-.0	-.20	-.00
238.6	171.6	314.6						80.	185.	13.0	185.0	-.0	-.20	-.00
243.6	171.3	314.3						83.	185.	3.6	185.0	-.0	-.20	-.00
										7.5	185.0	-.0	-.20	-.00
248.7	170.9	313.9						83.	185.	5.7	185.0	-.0	-.20	-.00
253.6	170.6	313.6						80.	185.	12.7	185.0	-.0	-.20	-.00
257.7	170.3	313.3						55.	185.	40.3	185.0	-.0	-.20	-.00
262.5	170.0	313.1						88.	185.					
267.0	169.8	314.0						75.	185.	19.2	185.0	-.0	-.20	-.00
271.6	169.7	314.9						73.	185.	21.8	185.0	-.0	-.20	-.00
275.9	169.5	315.8						70.	185.	25.3	185.0	-.0	-.20	-.00
281.6	169.4	317.0						76.	185.	18.8	185.0	-.0	-.20	-.00
286.2	169.2	317.9						68.	185.	28.0	185.0	-.0	-.20	-.00
290.0	169.1	318.7						80.	185.	1.4	185.0	-.0	-.20	-.00
										13.8	185.0	-.0	-.20	-.00
294.4	168.9	319.6						85.	185.					
300.1	168.8	320.8						74.	185.	22.1	185.0	-.0	-.20	-.00
305.4	168.6	321.9						70.	185.	26.9	185.0	-.0	-.20	-.00
310.6	168.4	322.9						72.	185.	25.0	185.0	-.0	-.20	-.00
316.0	168.2	324.0						63.	185.	34.9	185.0	-.0	-.20	-.00
321.8	168.0	325.2						73.	185.	24.5	185.0	-.0	-.20	-.00
324.9	167.9	325.9						77.	185.	20.0	185.0	-.0	-.20	-.00
330.9	167.7	327.1						77.	185.	20.4	185.0	-.0	-.20	-.00
335.1	167.6	328.0						80.	185.	3.2	185.0	-.0	-.20	-.00
										16.7	185.0	-.0	-.20	-.00
340.1	167.3	328.0						83.	185.					
346.0	167.0	328.0						83.	185.					
350.8	166.7	328.0						81.	185.	6.5	185.0	-.0	-.20	-.00
										14.9	185.0	-.0	-.20	-.00
355.4	166.4	328.0						76.	185.	22.4	185.0	-.0	-.20	-.00
362.0	166.0	328.0						87.	185.					
367.0	165.7	328.0						83.	185.					
372.2	165.4	328.0						75.	185.	24.0	185.0	-.0	-.20	-.00
378.2	165.1	328.0						78.	185.	3.9	185.0	-.0	-.20	-.00
										20.1	185.0	-.0	-.20	-.00
384.3	164.7	328.0						85.	185.					
388.6	164.4	328.0						77.	185.	3.5	185.0	-.0	-.20	-.00
										21.7	185.0	-.0	-.20	-.00

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*   DDH: 77X-09   *   ANALYSIS OF STRUCTURE DATA FOR PLANES: S1 AND S2
****

PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

DDH METERS	Z-ANG	AZ	S1 PLANE (NOT PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	S2 PLANE (PLOTTED) OBSERVED CA	DIPD	CALCULATED DIP	DIPD	AP-DIP	PLOT PARAMETERS H	V
395.3	164.1	328.0						85.	185.					
401.5	164.0	329.6						84.	185.					
405.8	164.0	330.8						84.	185.					
410.3	164.0	332.2						72.	185.	29.4	185.0	-.0	-.20	-.00
414.9	164.0	333.5						76.	185.	2.4	185.0	-.0	-.20	-.00
										25.1	185.0	-.0	-.20	-.00
419.4	164.0	334.8						68.	185.	34.5	185.0	-.0	-.20	-.00
425.0	164.0	336.5						57.	185.	46.4	185.0	-.0	-.20	-.00
431.3	164.0	338.4						66.	185.	37.4	185.0	-.0	-.20	-.00
437.2	164.0	340.1						76.	185.	2.2	185.0	-.0	-.20	-.00
										26.9	185.0	-.0	-.20	-.00
440.7	164.0	341.1						73.	185.	30.5	185.0	-.0	-.20	-.00
445.3	164.0	342.5						88.	185.					
450.1	164.0	343.9						67.	185.	37.3	185.0	-.0	-.20	-.00
455.8	164.0	345.6						87.	185.					
460.5	163.9	346.1						81.	185.	7.9	185.0	-.0	-.20	-.00
										22.7	185.0	-.0	-.20	-.00
465.1	163.7	346.3						76.	185.	2.5	185.0	-.0	-.20	-.00
										28.5	185.0	-.0	-.20	-.00
469.5	163.6	346.4						74.	185.	.4	185.0	-.0	-.20	-.00
										30.7	185.0	-.0	-.20	-.00
474.3	163.4	346.6						69.	185.	36.2	185.0	-.0	-.20	-.00
480.4	163.2	346.8						81.	185.	8.6	185.0	-.0	-.20	-.00
										23.4	185.0	-.0	-.20	-.00
527.7	161.5	348.4						66.	185.	41.2	185.0	-.0	-.20	-.00
535.2	161.2	348.6						90.	185.					
541.3	160.9	348.8						85.	185.					
547.4	160.6	349.1						85.	185.					
553.5	160.3	349.3						80.	185.	10.5	185.0	-.0	-.20	-.00
										27.6	185.0	-.0	-.20	-.00
559.6	160.0	349.5						85.	185.					
565.7	159.7	349.7						85.	185.					
571.8	159.4	350.0						87.	185.					
577.9	159.1	350.2						85.	185.					
584.0	158.8	350.4						60.	185.	50.2	185.0	-.0	-.20	-.00
587.1	158.6	350.5						85.	185.					
593.1	158.4	350.7						86.	185.					
599.2	158.1	351.0						75.	185.	7.2	185.0	-.0	-.20	-.00
										35.4	185.0	-.0	-.20	-.00
605.3	157.8	351.7						85.	185.					
608.4	157.6	352.1						70.	185.	2.5	185.0	-.0	-.20	-.00
										41.3	185.0	-.0	-.20	-.00

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*     DDH:  77X-09     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH =   5.0

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
614.5	157.3	353.0						78.	185.	11.2	185.0	-.0	-.20	-.00
										33.3	185.0	-.0	-.20	-.00
620.6	157.0	353.8						80.	185.	13.6	185.0	-.0	-.20	-.00
										31.6	185.0	-.0	-.20	-.00
623.6	156.8	354.2						70.	185.	3.3	185.0	-.0	-.20	-.00
										42.4	185.0	-.0	-.20	-.00
626.8	156.7	354.7						80.	185.	13.8	185.0	-.0	-.20	-.00
										32.1	185.0	-.0	-.20	-.00
632.8	156.4	355.5						78.	185.	11.9	185.0	-.0	-.20	-.00
										34.7	185.0	-.0	-.20	-.00
638.3	156.1	356.3						83.	185.	17.6	185.0	-.0	-.20	-.00
										29.7	185.0	-.0	-.20	-.00
642.0	155.9	356.8						90.	185.					
645.0	155.8	357.2						87.	185.					
649.5	155.5	357.8						68.	185.	2.5	185.0	-.0	-.20	-.00
										46.1	185.0	-.0	-.20	-.00
653.5	155.3	358.4						70.	185.	4.7	185.0	-.0	-.20	-.00
										44.4	185.0	-.0	-.20	-.00
655.5	155.2	358.6						75.	185.	9.9	185.0	-.0	-.20	-.00
										39.4	185.0	-.0	-.20	-.00
660.5	155.0	359.3						70.	185.	5.0	185.0	-.0	-.20	-.00
										44.8	185.0	-.0	-.20	-.00
667.3	154.6	.3						83.	185.	18.6	185.0	-.0	-.20	-.00
										32.0	185.0	-.0	-.20	-.00
672.4	154.4	1.0						75.	185.	10.6	185.0	-.0	-.20	-.00
										40.4	185.0	-.0	-.20	-.00
678.5	154.1	1.8						65.	185.	.9	185.0	-.0	-.20	-.00
										50.8	185.0	-.0	-.20	-.00
685.1	154.3	1.8						80.	185.	15.8	185.0	-.0	-.20	-.00
										35.6	185.0	-.0	-.20	-.00
688.5	154.5	1.6						80.	185.	15.6	185.0	-.0	-.20	-.00
										35.4	185.0	-.0	-.20	-.00
694.0	154.8	1.4						55.	185.	60.1	185.0	-.0	-.20	-.00
699.8	155.1	1.2						72.	185.	6.9	185.0	-.0	-.20	-.00
										42.8	185.0	-.0	-.20	-.00
705.5	155.4	.9						69.	185.	3.6	185.0	-.0	-.20	-.00
										45.5	185.0	-.0	-.20	-.00
710.2	155.7	.7						78.	185.	12.4	185.0	-.0	-.20	-.00
										36.1	185.0	-.0	-.20	-.00
715.0	155.9	.6						60.	185.	54.0	185.0	-.0	-.20	-.00
721.1	156.3	.3						70.	185.	3.7	185.0	-.0	-.20	-.00
										43.5	185.0	-.0	-.20	-.00

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*     DDH:  77X-09     *     ANALYSIS OF STRUCTURE DATA FOR PLANES:  S1 AND S2
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PROJECTION PLANE AZIMUTH = 95.0   VIEW AZIMUTH = 5.0

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
730.3	156.8	359.9						75.	185.	8.2	185.0	-.0	-.20	-.00
										38.0	185.0	-.0	-.20	-.00
736.4	157.1	359.7						80.	185.	13.0	185.0	-.0	-.20	-.00
										32.6	185.0	-.0	-.20	-.00
742.5	157.4	359.4						80.	185.	12.7	185.0	-.0	-.20	-.00
										32.3	185.0	-.0	-.20	-.00
748.6	157.8	359.2						55.	185.	57.0	185.0	-.0	-.20	-.00
754.7	158.1	358.3						73.	185.	4.9	185.0	-.0	-.20	-.00
										38.6	185.0	-.0	-.20	-.00
760.7	158.6	356.1						58.	185.	53.0	185.0	-.0	-.20	-.00
766.0	159.0	354.1						70.	185.	1.0	185.0	-.0	-.20	-.00
										40.3	185.0	-.0	-.20	-.00
773.0	159.5	351.5						65.	185.	44.6	185.0	-.0	-.20	-.00
776.0	159.7	350.4						83.	185.	14.8	185.0	-.0	-.20	-.00
										24.6	185.0	-.0	-.20	-.00
782.1	160.2	348.2						70.	185.	38.2	185.0	-.0	-.20	-.00
788.0	160.6	346.0						68.	185.	39.6	185.0	-.0	-.20	-.00
794.5	161.1	343.6						85.	185.					
803.5	161.8	340.3						75.	185.	3.6	185.0	-.0	-.20	-.00
										29.7	185.0	-.0	-.20	-.00
809.5	162.3	338.1						74.	185.	1.9	185.0	-.0	-.20	-.00
										29.8	185.0	-.0	-.20	-.00
817.8	162.9	335.0						65.	185.	38.5	185.0	-.0	-.20	-.00
821.4	163.2	333.7						70.	185.	32.6	185.0	-.0	-.20	-.00
827.8	163.5	332.0						80.	185.	9.4	185.0	-.0	-.20	-.00
										18.5	185.0	-.0	-.20	-.00

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

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 STOP ALL PLOTS FINISHED
SRU'S:47.2
!OFF
USAGE ON 11/15/77 AT 16:18:17
SRU'S:104.3      ELAPSED TIME: 00:02:54
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