GRIDS

PC-XPLOR

DATABASES

F8701

VOL 1

-001556

124+035	70
124+070	71
124+105	72
125+000	73

		+035	+070	+105
126+000	77	78	79	80
127+000	81	82	83	84
128+000	85	86	87	88
129+000	89	90	91	92
130+000	93	94	95	96
131+000	97	98	99	100
132+000	101	102	103	104
133+000	105	106	107	108
134+000	109	110	111	112
135+000	113			
136+000	117			
137+000	121			
138+000	125			
138+105	128			

Notes on the <u>FARO F8701</u> Model Grid

The Faro F8701 Geological Model uses the same grid coordinate system as the Faro 8608 Geological Model. The grid is oriented parallel to the existing geological cross and long sections. It is rotated 45 degrees in an anticlockwise direction from the existing Mine Grid system. Model North is therefore at an azimuth orientation of 315 degrees with respect to the Mine Grid.

The F8701 model grid is superimposed on the Mine grid so that the Mie grid point 12000E, 9000N, has F8701 Model coordinates of 20000E, 40000N. Both grids are defined in units of feet. Conversion equations between the two grid systems are as follows:

Mine Grid to F8701 Model Grid

```
      Model E = 5150.758 + ((1/SQRT(2))*(Mine E + Mine N))
      Model N = 42121.320 + ((1/SQRT(2))*(Mine N - Mine E))
```

F8701 Model Grid to Mine Grid

```
      Mine E = 26142.136 + ((1/SQRT(2))*(Model E - Model N))
      Mine N =-33426.407 + ((1/SQRT(2))*(Model E + Model N))
```

Table 1 lists F8701 Model coordinates and Mine coordinates for selected geological cross sections on long section lines 9 + 000, 14 + 000, and 29 + 000. Geological cross section 107 + 000 corresponds to a Model Northing of 40000, and geological long section 9 + 000 corresponds to a Model Easting of 20000. Cross section numbers increase as Model Northing decreases; long section numbers increase as Model Easting increases.

Blocks for the Faro F8701 model extend from geological cross sections 107 + 000 to 138 + 105. The row width in the block model is 35.36 feet; this ensures a regular correspondence between row numbers and the geological cross sections. The southwest corner of the block model was selected so that the evenly spaced geological cross sections pass through the centres of the blocks. Cross section 107 + 000 therefore passes through the centre of Row 1 in the F8701 block model. Table 2 details the correspondence between the geological cross sections and the rows in the F8701 block model.

With a column width of 25 feet for the F8701 blocks, the block model extends between geological long sections 9 + 000 and 30 + 090. In contrast to the regular correlation between block rows and geological cross sections, the long sections and model block columns do not have an exact correspondence in the model easting direction.

TABLE 1. MINE COORDINATES AND FB701 MODEL (WORLD) COORDINATES FOR CROSS-SECTION LINES

FARO DEPOSIT

Cross-Section	LONG SECTION 9 + 000 MINE COORDINATES Easting	Northing	FB701 COORDINATES Easting	Northing	LONG SECTION 14 + 000 MINE COORDINATES Easting	Northing	FB701 COORDINATES Easting	Northing	LONG SECTION 29 + 000 MINE COORDINATES Easting	Northing	FB701 COORDINATES Easting	Northing
107 + 000	12000.000	9000.000	20000.000	40000.000	12500.000	9500.000	20707.107	40000.000	14000.000	11000.000	22828.428	40000.000
108 + 000	12100.000	8900.000	20000.000	39858.578	12600.000	9400.000	20707.107	39858.578	14100.000	10900.000	22828.428	39858.578
109 + 000	12200.000	8800.000	20000.000	39717.157	12700.000	9300.000	20707.107	39717.157	14200.000	10800.000	22828.428	39717.157
110 + 000	12300.000	8700.000	20000.000	39575.736	12800.000	9200.000	20707.107	39575.736	14300.000	10700.000	22828.428	39575.736
111 + 000	12400.000	8600.000	20000.000	39434.314	12900.000	9100.000	20707.107	39434.314	14400.000	10600.000	22828.428	39434.314
112 + 000	12500.000	8500.000	20000.000	39292.893	13000.000	9000.000	20707.107	39292.893	14500.000	10500.000	22828.428	39292.893
113 + 000	12600.000	8400.000	20000.000	39151.472	13100.000	8900.000	20707.107	39151.472	14600.000	10400.000	22828.428	39151.472
114 + 000	12700.000	8300.000	20000.000	39010.050	13200.000	8800.000	20707.107	39010.050	14700.000	10300.000	22828.428	39010.050
115 + 000	12800.000	8200.000	20000.000	38868.629	13300.000	8700.000	20707.107	38868.629	14800.000	10200.000	22828.428	38868.629
116 + 000	12900.000	8100.000	20000.000	38727.207	13400.000	8600.000	20707.107	38727.207	14900.000	10100.000	22828.428	38727.207
116 + 070	12950.000	8050.000	20000.000	38656.497	13450.000	8550.000	20707.107	38656.497	14950.000	10050.000	22828.428	38656.497
116 + 105	12975.000	8025.000	20000.000	38621.141	13475.000	8525.000	20707.107	38621.141	14975.000	10025.000	22828.428	38621.141
117 + 000	13000.000	8000.000	20000.000	38585.786	13500.000	8500.000	20707.107	38585.786	15000.000	10000.000	22828.428	38585.786
117 + 035	13025.000	7975.000	20000.000	38550.431	13525.000	8475.000	20707.107	38550.431	15025.000	9975.000	22828.428	38550.431
117 + 070	13050.000	7950.000	20000.000	38515.075	13550.000	8450.000	20707.107	38515.075	15050.000	9950.000	22828.428	38515.075
117 + 105	13075.000	7925.000	20000.000	38479.720	13575.000	8425.000	20707.107	38479.720	15075.000	9925.000	22828.428	38479.720
118 + 000	13100.000	7900.000	20000.000	38444.365	13600.000	8400.000	20707.107	38444.365	15100.000	9900.000	22828.428	38444.365
118 + 035	13125.000	7875.000	20000.000	38409.009	13625.000	8375.000	20707.107	38409.009	15125.000	9875.000	22828.428	38409.009
118 + 070	13150.000	7850.000	20000.000	38373.654	13650.000	8350.000	20707.107	38373.654	15150.000	9850.000	22828.428	38373.654
118 + 105	13175.000	7825.000	20000.000	38338.299	13675.000	8325.000	20707.107	38338.299	15175.000	9825.000	22828.428	38338.299
119 + 000	13200.000	7800.000	20000.000	38302.943	13700.000	8300.000	20707.107	38302.943	15200.000	9800.000	22828.428	38302.943
119 + 035	13225.000	7775.000	20000.000	38267.588	13725.000	8275.000	20707.107	38267.588	15225.000	9775.000	22828.428	38267.588
119 + 070	13250.000	7750.000	20000.000	38232.233	13750.000	8250.000	20707.107	38232.233	15250.000	9750.000	22828.428	38232.233
119 + 105	13275.000	7725.000	20000.000	38196.877	13775.000	8225.000	20707.107	38196.877	15275.000	9725.000	22828.428	38196.877
120 + 000	13300.000	7700.000	20000.000	38161.522	13800.000	8200.000	20707.107	38161.522	15300.000	9700.000	22828.428	38161.522
120 + 035	13325.000	7675.000	20000.000	38126.167	13825.000	8175.000	20707.107	38126.167	15325.000	9675.000	22828.428	38126.167
120 + 070	13350.000	7650.000	20000.000	38090.811	13850.000	8150.000	20707.107	38090.811	15350.000	9650.000	22828.428	38090.811
120 + 105	13375.000	7625.000	20000.000	38055.456	13875.000	8125.000	20707.107	38055.456	15375.000	9625.000	22828.428	38055.456
121 + 000	13400.000	7600.000	20000.000	38020.101	13900.000	8100.000	20707.107	38020.101	15400.000	9600.000	22828.428	38020.101
121 + 035	13425.000	7575.000	20000.000	37984.745	13925.000	8075.000	20707.107	37984.745	15425.000	9575.000	22828.428	37984.745
121 + 070	13450.000	7557.000	20004.950	37954.340	13950.000	8050.000	20707.107	37949.390	15450.000	9550.000	22828.428	37949.390
121 + 105	13475.000	7525.000	20000.000	37914.035	13975.000	8025.000	20707.107	37914.035	15475.000	9525.000	22828.428	37914.035
122 + 000	13500.000	7500.000	20000.000	37878.679	14000.000	8000.000	20707.107	37878.679	15500.000	9500.000	22828.428	37878.679
122 + 035	13525.000	7475.000	20000.000	37843.324	14025.000	7975.000	20707.107	37843.324	15525.000	9475.000	22828.428	37843.324
122 + 070	13550.000	7450.000	20000.000	37807.969	14050.000	7950.000	20707.107	37807.969	15550.000	9450.000	22828.428	37807.969
122 + 105	13575.000	7425.000	20000.000	37772.613	14075.000	7925.000	20707.107	37772.613	15575.000	9425.000	22828.428	37772.613

TABLE 1. MINE COORDINATES AND F8701 MODEL (WORLD) COORDINATES FOR CROSS-SECTION LINES

FARO DEPOSIT

Cross-Section	LONG SECTION 9 + 000				LONG SECTION 14 + 000				LONG SECTION 29 + 000			
	MINE COORDINATES		F8701 COORDINATES		MINE COORDINATES		F8701 COORDINATES		MINE COORDINATES		F8701 COORDINATES	
	Easting	Northing	Easting	Northing	Easting	Northing	Easting	Northing	Easting	Northing	Easting	Northing
123 + 000	13600.000	7400.000	20000.000	37737.258	14100.000	7900.000	20707.107	37737.258	15600.000	9400.000	22828.428	37737.258
123 + 035	13625.000	7375.000	20000.000	37701.903	14125.000	7875.000	20707.107	37701.903	15625.000	9375.000	22828.428	37701.903
123 + 070	13650.000	7350.000	20000.000	37666.547	14150.000	7850.000	20707.107	37666.547	15650.000	9350.000	22828.428	37666.547
123 + 105	13675.000	7325.000	20000.000	37631.192	14175.000	7825.000	20707.107	37631.192	15675.000	9325.000	22828.428	37631.192
124 + 000	13700.000	7300.000	20000.000	37595.837	14200.000	7800.000	20707.107	37595.837	15700.000	9300.000	22828.428	37595.837
124 + 035	13725.000	7275.000	20000.000	37560.481	14225.000	7775.000	20707.107	37560.481	15725.000	9275.000	22828.428	37560.481
124 + 070	13750.000	7250.000	20000.000	37525.126	14250.000	7750.000	20707.107	37525.126	15750.000	9250.000	22828.428	37525.126
124 + 105	13775.000	7225.000	20000.000	37489.771	14275.000	7725.000	20707.107	37489.771	15775.000	9225.000	22828.428	37489.771
125 + 000	13800.000	7200.000	20000.000	37454.415	14300.000	7700.000	20707.107	37454.415	15800.000	9200.000	22828.428	37454.415
126 + 000	13900.000	7100.000	20000.000	37312.994	14400.000	7600.000	20707.107	37312.994	15900.000	9100.000	22828.428	37312.994
127 + 000	14000.000	7000.000	20000.000	37171.573	14500.000	7500.000	20707.107	37171.573	16000.000	9000.000	22828.428	37171.573
128 + 000	14100.000	6900.000	20000.000	37030.151	14600.000	7400.000	20707.107	37030.151	16100.000	8900.000	22828.428	37030.151
129 + 000	14200.000	6800.000	20000.000	36888.730	14700.000	7300.000	20707.107	36888.730	16200.000	8800.000	22828.428	36888.730
130 + 000	14300.000	6700.000	20000.000	36747.308	14800.000	7200.000	20707.107	36747.308	16300.000	8700.000	22828.428	36747.308
131 + 000	14400.000	6600.000	20000.000	36605.887	14900.000	7100.000	20707.107	36605.887	16400.000	8600.000	22828.428	36605.887
132 + 000	14500.000	6500.000	20000.000	36464.466	15000.000	7000.000	20707.107	36464.466	16500.000	8500.000	22828.428	36464.466
133 + 000	14600.000	6400.000	20000.000	36323.044	15100.000	6900.000	20707.107	36323.044	16600.000	8400.000	22828.428	36323.044
134 + 000	14700.000	6300.000	20000.000	36181.623	15200.000	6800.000	20707.107	36181.623	16700.000	8300.000	22828.428	36181.623
135 + 000	14800.000	6200.000	20000.000	36040.202	15300.000	6700.000	20707.107	36040.202	16800.000	8200.000	22828.428	36040.202
136 + 000	14900.000	6100.000	20000.000	35898.780	15400.000	6600.000	20707.107	35898.780	16900.000	8100.000	22828.428	35898.780
137 + 000	15000.000	6000.000	20000.000	35757.359	15500.000	6500.000	20707.107	35757.359	17000.000	8000.000	22828.428	35757.359
138 + 000	15100.000	5900.000	20000.000	35615.938	15600.000	6400.000	20707.107	35615.938	17100.000	7900.000	22828.428	35615.938
139 + 000	15200.000	5800.000	20000.000	35474.516	15700.000	6300.000	20707.107	35474.516	17200.000	7800.000	22828.428	35474.516

FILE = F8701.WR1

Table 2. F8701 Model Rows for Cross-Section Lines

Cross-Section	Model Row
107+000	1
108+000	5
109+000	9
110+000	13
111+000	17
112+000	21
113+000	25
114+000	29
115+000	33
116+000	37
116+070	39
116+105	40
117+000	41
117+035	42
117+070	43
117+105	44
118+000	45
118+035	46
118+070	47
118+105	48
119+000	49
119+035	50
119+070	51
119+105	52
120+000	53
120+035	54
120+070	55
120+105	56
121+000	57
121+035	58
121+070	59
121+105	60
122+000	61
122+035	62
122+070	63
122+105	64
123+000	65
123+035	66
123+070	67
123+105	68
124+000	69

PTY. DEF.

PRINTOUT OF PROPERTY INFORMATION FARODDH1

Model description (max 64 characters) :	Faro F8701 Geological Reserve Model
Easting co-ordinate of model bottom left hand corner :	20000.00
Northing co-ordinate of model bottom left hand corner :	35492.20
Easting co-ordinate of model top right hand corner :	23200.00
Northing co-ordinate of model top right hand corner :	40017.68
Datum elevation of top of model :	4270.00
Number of columns in model (max 128) :	128
Number of rows in model (max 128) :	128
Width of columns :	25.00
Width of rows :	35.36

Number of labels : 5 ; S.G. ; %Pb ; %Zn ; Ag g/t ; Au g/t

Current units are :

L : ft
Area : ft**2
Volumetric : bcf
Density : tn/bcf
Monetary : Cdn $

MODEL SCALE FACTORS

S.G.	1000
%Pb	1000
%Zn	1000
Ag g/t	10
Au g/t	1000
Density	10000
Grids Elev	1
Variance	1000
Economic	10

PRINTOUT OF PROPERTY INFORMATION

BENCH	HEIGHT [ft]	CREST ELEVATION [ft]	TOE ELEVATION [ft]	CREST DEPTH [ft]	TOE DEPTH [ft]
1	40.00	4270.00	4230.00	.00	40.00
2	40.00	4230.00	4190.00	40.00	80.00
3	40.00	4190.00	4150.00	80.00	120.00
4	40.00	4150.00	4110.00	120.00	160.00
5	40.00	4110.00	4070.00	160.00	200.00
6	40.00	4070.00	4030.00	200.00	240.00
7	40.00	4030.00	3990.00	240.00	280.00
8	40.00	3990.00	3950.00	280.00	320.00
9	40.00	3950.00	3910.00	320.00	360.00
10	20.00	3910.00	3890.00	360.00	380.00
11	20.00	3890.00	3870.00	380.00	400.00
12	20.00	3870.00	3850.00	400.00	420.00
13	20.00	3850.00	3830.00	420.00	440.00
14	20.00	3830.00	3810.00	440.00	460.00
15	20.00	3810.00	3790.00	460.00	480.00
16	20.00	3790.00	3770.00	480.00	500.00
17	20.00	3770.00	3750.00	500.00	520.00
18	20.00	3750.00	3730.00	520.00	540.00
19	20.00	3730.00	3710.00	540.00	560.00
20	20.00	3710.00	3690.00	560.00	580.00
21	20.00	3690.00	3670.00	580.00	600.00
22	20.00	3670.00	3650.00	600.00	620.00
23	20.00	3650.00	3630.00	620.00	640.00
24	20.00	3630.00	3610.00	640.00	660.00
25	20.00	3610.00	3590.00	660.00	680.00
26	20.00	3590.00	3570.00	680.00	700.00
27	20.00	3570.00	3550.00	700.00	720.00
28	20.00	3550.00	3530.00	720.00	740.00
29	20.00	3530.00	3510.00	740.00	760.00
30	20.00	3510.00	3490.00	760.00	780.00
31	20.00	3490.00	3470.00	780.00	800.00
32	20.00	3470.00	3450.00	800.00	820.00
33	20.00	3450.00	3430.00	820.00	840.00
34	20.00	3430.00	3410.00	840.00	860.00
35	20.00	3410.00	3390.00	860.00	880.00
36	20.00	3390.00	3370.00	880.00	900.00
37	20.00	3370.00	3350.00	900.00	920.00
38	20.00	3350.00	3330.00	920.00	940.00
39	20.00	3330.00	3310.00	940.00	960.00

40	20.00	3310.00	3290.00	960.00	980.00
41	20.00	3290.00	3270.00	980.00	1000.00
42	20.00	3270.00	3250.00	1000.00	1020.00
43	20.00	3250.00	3230.00	1020.00	1040.00
44	20.00	3230.00	3210.00	1040.00	1060.00
45	20.00	3210.00	3190.00	1060.00	1080.00
46	20.00	3190.00	3170.00	1080.00	1100.00
47	20.00	3170.00	3150.00	1100.00	1120.00
48	20.00	3150.00	3130.00	1120.00	1140.00
49	20.00	3130.00	3110.00	1140.00	1160.00
50	20.00	3110.00	3090.00	1160.00	1180.00

PRINTOUT OF PROPERTY INFORMATION FARODDH 2

Model description (max 64 characters) :	Faro F8701 Geological Reserve Model
Easting co-ordinate of model bottom left hand corner :	20000.00
Northing co-ordinate of model bottom left hand corner :	35492.20
Easting co-ordinate of model top right hand corner :	23200.00
Northing co-ordinate of model top right hand corner :	40017.68
Datum elevation of top of model :	4270.00
Number of columns in model (max 128) :	128
Number of rows in model (max 128) :	128
Width of columns :	25.00
Width of rows :	35.36

Number of labels : 5 ; %Pb+Zn ; %Pb ; %Zn ; Ag g/t ; Au g/t

Current units are :

Linear : ft
Area : ft**2
Volumetric : bcf
Density : tn/bcf
Monetary : Cdn $

MODEL SCALE FACTORS

%Pb+Zn	1000
%Pb	1000
%Zn	1000
Ag g/t	10
Au g/t	1000
Density	10000
Grids Elev	1
Variance	1000
Economic	10

PRINTOUT OF PROPERTY INFORMATION

BENCH	HEIGHT [ft]	CREST ELEVATION [ft]	TOE ELEVATION [ft]	CREST DEPTH [ft]	TOE DEPTH [ft]
1	40.00	4270.00	4230.00	.00	40.00
2	40.00	4230.00	4190.00	40.00	80.00
3	40.00	4190.00	4150.00	80.00	120.00
4	40.00	4150.00	4110.00	120.00	160.00
5	40.00	4110.00	4070.00	160.00	200.00
6	40.00	4070.00	4030.00	200.00	240.00
7	40.00	4030.00	3990.00	240.00	280.00
8	40.00	3990.00	3950.00	280.00	320.00
9	40.00	3950.00	3910.00	320.00	360.00
10	20.00	3910.00	3890.00	360.00	380.00
11	20.00	3890.00	3870.00	380.00	400.00
12	20.00	3870.00	3850.00	400.00	420.00
13	20.00	3850.00	3830.00	420.00	440.00
14	20.00	3830.00	3810.00	440.00	460.00
15	20.00	3810.00	3790.00	460.00	480.00
16	20.00	3790.00	3770.00	480.00	500.00
17	20.00	3770.00	3750.00	500.00	520.00
18	20.00	3750.00	3730.00	520.00	540.00
19	20.00	3730.00	3710.00	540.00	560.00
20	20.00	3710.00	3690.00	560.00	580.00
21	20.00	3690.00	3670.00	580.00	600.00
22	20.00	3670.00	3650.00	600.00	620.00
23	20.00	3650.00	3630.00	620.00	640.00
24	20.00	3630.00	3610.00	640.00	660.00
25	20.00	3610.00	3590.00	660.00	680.00
26	20.00	3590.00	3570.00	680.00	700.00
27	20.00	3570.00	3550.00	700.00	720.00
28	20.00	3550.00	3530.00	720.00	740.00
29	20.00	3530.00	3510.00	740.00	760.00
30	20.00	3510.00	3490.00	760.00	780.00
31	20.00	3490.00	3470.00	780.00	800.00
32	20.00	3470.00	3450.00	800.00	820.00
33	20.00	3450.00	3430.00	820.00	840.00
34	20.00	3430.00	3410.00	840.00	860.00
35	20.00	3410.00	3390.00	860.00	880.00
36	20.00	3390.00	3370.00	880.00	900.00
37	20.00	3370.00	3350.00	900.00	920.00
38	20.00	3350.00	3330.00	920.00	940.00

39	20.00	3330.00	3310.00	940.00	960.00
40	20.00	3310.00	3290.00	960.00	980.00
41	20.00	3290.00	3270.00	980.00	1000.00
42	20.00	3270.00	3250.00	1000.00	1020.00
43	20.00	3250.00	3230.00	1020.00	1040.00
44	20.00	3230.00	3210.00	1040.00	1060.00
45	20.00	3210.00	3190.00	1060.00	1080.00
46	20.00	3190.00	3170.00	1080.00	1100.00
47	20.00	3170.00	3150.00	1100.00	1120.00
48	20.00	3150.00	3130.00	1120.00	1140.00
49	20.00	3130.00	3110.00	1140.00	1160.00
50	20.00	3110.00	3090.00	1160.00	1180.00

PRINTOUT OF PROPERTY INFORMATION FARODDH3

Model description (max 64 characters) :	Faro F8701 Geological Reserve Model
Easting co-ordinate of model bottom left hand corner :	20000.00
Northing co-ordinate of model bottom left hand corner :	35492.20
Easting co-ordinate of model top right hand corner :	23200.00
Northing co-ordinate of model top right hand corner :	40017.68
Datum elevation of top of model :	4270.00
Number of columns in model (max 128) :	128
Number of rows in model (max 128) :	128
Width of columns :	25.00
Width of rows :	35.36

Number of labels : 5 ; %Pb+Zn ; %Cu ; %Po ; %Py ; %BaO

Current units are :

L[illegible] : ft
Area : ft**2
Volumetric : bcf
Density : tn/bcf
Monetary : Cdn $

MODEL SCALE FACTORS

%Pb+Zn	1000
%Cu	1000
%Po	1000
%Py	1000
%BaO	1000
Density	10000
Grids Elev	1
Variance	1000
Economic	10

BENCH -- 3790

D.D.H. No.	TONNAGE	COMB. GR.	TONNAGE X COMB. GR.
66 - 23	237,191	10.25	2,431,208
70 - 6	60,981	8.19	499,434
70 - 14	79,313	6.70	531,397
70 - 15	118,527	6.70	794,131
66 - 8	453,431	8.72	3,953,918
65 - 11	83,428	11.67	973,605
66 - 15	175,461	9.42	1,652,843
65 - 5A	227,838	7.46	1,699,671
70 - 5	144,409	11.82	1,706,914
70 - 16	94,222	7.79	733,989
70 - 2	129,819	7.05	915,224
70 - 4	94,222	7.22	680,283
70 - 9	94,222	5.74	540,834
65 - 4	63,600	8.43	536,148
66 - 14	92,033	10.05	924,931
70 - 11	94,222	14.46	1,362,450
66 - 9	50,880	8.44	429,427
66 - 2	270,861	7.47	2,023,332
66 - 22	517,031	5.84	3,019,461
65 - 6	202,024	6.51	1,315,176
66 - 30	170,972	8.30	1,419,067
66 - 57	121,214	5.01	607,282
Total	3,575,901		27,956,594

Av. Grade -- 7.81

40	20.00	3310.00	3290.00	960.00	980.00
41	20.00	3290.00	3270.00	980.00	1000.00
42	20.00	3270.00	3250.00	1000.00	1020.00
43	20.00	3250.00	3230.00	1020.00	1040.00
44	20.00	3230.00	3210.00	1040.00	1060.00
45	20.00	3210.00	3190.00	1060.00	1080.00
46	20.00	3190.00	3170.00	1080.00	1100.00
47	20.00	3170.00	3150.00	1100.00	1120.00
48	20.00	3150.00	3130.00	1120.00	1140.00
49	20.00	3130.00	3110.00	1140.00	1160.00
50	20.00	3110.00	3090.00	1160.00	1180.00

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [25]

GEOLOGICAL AND GEOTECHNICAL DATA

REC	STAT	ROCK CODE	DESCRIPTION	RELATIVE DENSITY [tn/bcf]	PEN	SLOPE ANGLES [DEGREES] NW	N	NE	W	E	SW	S	SE
1	1	20	2ACD ribbon banded graphitic quartzite	.085	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
2	1	21	2ACD-ribbon banded graphitic quartzite/basal horizon	.085	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
3	1	22	2ACD ribbon banded graphitic quartzite/middle horizon	.085	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
4	1	23	2ACD ribbon banded graphitic quartzite/upper horizon	.085	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
5	1	30	2BCD pyritic quartzite	.092	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
6	1	31	2BCD pyritic quartzite/basal horizon	.090	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
7	1	32	2BCD pyritic quartzite/middle horizon	.082	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
8	1	33	2BCD pyritic quartzite/upper horizon	.092	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
9	1	40	2EC semi-massive quartzose pyritic sulphides	.104	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
10	1	50	2EF pyritic massive sulphides	.112	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
11	1	60	2EFG baritic massive sulphides	.113	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
12	1	70	2H pyrrhotitic massive sulphides	.105	5	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
13	1	80	1H/2ABCDEFG Altered metabasite interbanded with ore	.094	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
14	1	100	1D0/1C0/1CD schist and phyllite waste	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
15	1	110	1D2/1E0 graphitic schist and phyllite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
16	1	120	2L/1D4 altered schist and phyllite (WME)	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
17	1	130	1H/1F Altered metabasite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
18	1	150	3A basal graphitic unit of 3D Calc-silicate	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
19	1	160	3D Calc-silicate	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
20	1	170	3D BXA Calc-silicate breccia	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
21	1	180	10E Biotite hornblende quartz diorite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
22	1	190	10F Smokey quartz feldspar porphyry	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
23	1	300	Unconsolidated overburden	.060	7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
24	1	400	Partially above topography	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
25	1	500	Air	.000	0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

010765

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [25]

MINING COST DATA

REC	STAT	ROCK CODE	DESCRIPTION	COST DATA [Cdn $ PER bcf] DRILLING	BLASTING	LOADING	FIXED HAULAGE	MINING SERVICES
1	1	20	2ACD ribbon banded graphitic quartzite	.0000	.0000	.0000	.0000	.0000
2	1	21	2ACD-ribbon banded graphitic quartzite/basal horizon	.0000	.0000	.0000	.0000	.0000
3	1	22	2ACD ribbon banded graphitic quartzite/middle horizon	.0000	.0000	.0000	.0000	.0000
4	1	23	2ACD ribbon banded graphitic quartzite/upper horizon	.0000	.0000	.0000	.0000	.0000
5	1	30	2BCD pyritic quartzite	.0000	.0000	.0000	.0000	.0000
6	1	31	2BCD pyritic quartzite/basal horizon	.0000	.0000	.0000	.0000	.0000
7	1	32	2BCD pyritic quartzite/middle horizon	.0000	.0000	.0000	.0000	.0000
	1	33	2BCD pyritic quartzite/upper horizon	.0000	.0000	.0000	.0000	.0000
	1	40	2EC semi-massive quartzose pyritic sulphides	.0000	.0000	.0000	.0000	.0000
10	1	50	2EF pyritic massive sulphides	.0000	.0000	.0000	.0000	.0000
11	1	60	2EFG baritic massive sulphides	.0000	.0000	.0000	.0000	.0000
12	1	70	2H pyrrhotitic massive sulphides	.0000	.0000	.0000	.0000	.0000
13	1	80	1H/2ABCDEFG Altered metabasite interbanded with ore	.0000	.0000	.0000	.0000	.0000
14	1	100	1D0/1C0/1CD schist and phyllite waste	.0000	.0000	.0000	.0000	.0000
15	1	110	1D2/1E0 graphitic schist and phyllite	.0000	.0000	.0000	.0000	.0000
16	1	120	2L/1D4 altered schist and phyllite (WME)	.0000	.0000	.0000	.0000	.0000
17	1	130	1H/1F Altered metabasite	.0000	.0000	.0000	.0000	.0000
18	1	150	3A basal graphitic unit of 3D Calc-silicate	.0000	.0000	.0000	.0000	.0000
19	1	160	3D Calc-silicate	.0000	.0000	.0000	.0000	.0000
20	1	170	3D BXA Calc-silicate breccia	.0000	.0000	.0000	.0000	.0000
21	1	180	10E Biotite hornblende quartz diorite	.0000	.0000	.0000	.0000	.0000
22	1	190	10F Smokey quartz feldspar porphyry	.0000	.0000	.0000	.0000	.0000
23	1	300	Unconsolidated overburden	.0000	.0000	.0000	.0000	.0000
24	1	400	Partially above topography	.0000	.0000	.0000	.0000	.0000
25	1	500	Air	.0000	.0000	.0000	.0000	.0000

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [25]

METALLURGICAL DATA

ROCK CODE	DESCRIPTION	TYPE	PRIMARY MINERAL	CUT OFF GRADES 0 - S/P	S/P - W	RECOVERIES [PERCENT] %Pb+Zn	%Pb	%Zn	Ag g/t	Au g/t
20	2ACD ribbon banded graphitic quartzite	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
21	2ACD-ribbon banded graphitic quartzite/basal horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
22	2ACD ribbon banded graphitic quartzite/middle horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
23	2ACD ribbon banded graphitic quartzite/upper horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
30	2BCD pyritic quartzite	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
31	2BCD pyritic quartzite/basal horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
32	2BCD pyritic quartzite/middle horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
33	2BCD pyritic quartzite/upper horizon	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
40	2EC semi-massive quartzose pyritic sulphides	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
0	2EF pyritic massive sulphides	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
0	2EFG baritic massive sulphides	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
70	2H pyrrhotitic massive sulphides	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
80	1H/2ABCDEFG Altered metabasite interbanded with ore	ore	%Pb+Zn	5.000	4.000	.0	.0	.0	.0	.0
100	1D0/1C0/1CD schist and phyllite waste	waste								
110	1D2/1E0 graphitic schist and phyllite	waste								
120	2L/1D4 altered schist and phyllite (WME)	waste								
130	1H/1F Altered metabasite	waste								
150	3A basal graphitic unit of 3D Calc-silicate	waste								
160	3D Calc-silicate	waste								
170	3D BXA Calc-silicate breccia	waste								
180	10E Biotite hornblende quartz diorite	waste								
190	10F Smokey quartz feldspar porphyry	waste								
300	Unconsolidated overburden	waste								
400	Partially above topography	waste								
500	Air	air								

ROCK MDL.

Notes on the FARO F8701 Rock Type Model

1.) Introduction

Rock types for the F8701 model blocks are interpolated from regularly spaced, digitized geological cross sections; each row of the model corresponds to a unique cross sectional geology interpolation. In this initial stage of the F8701 model, only the cross sections from 116+070 to 125+000 are included in the block model.

2.) Geology Cross Section Interpretation

The most extensive drilling on the Faro deposit has been completed on the +000 cross and long sections. These sections form a 43m (141 feet) rectangular grids of drill holes. Selected fill in drilling was completed in 1986 on the +000 and +070 cross and long sections.

Preparatory to constructing the F8701 model, all drill hole lithology information between cross sections 116+070 and 125+000 was plotted on the +000 and +070 cross sections. Drill hole traces and lithologies were projected horizontally onto the sections in a NW-SE direction (normal to the section orientation). For each section only the drill hole traces occurring within an offset distance of 12.2m (40 feet) from the section were plotted on that section. Because the plotted sections are regularly spaced every 21.5m (70 feet), this 12.2m (40 feet) offset distance results in a 3m (10 foot) overlap of drill hole information between adjacent sections. A total of 18 sections were plotted in the area of interest. The 1986 drillholes are included in the appropriate cross sections.

Drill hole traces and lithologies were also plotted on all +000 long sections between sections 17+000 and 28+000. These sections are regularly spaced every 43m (141 feet). Again all drill hole data was projected horizontally normal to the section orientation. For the long sections the offset distance for including a drill hole in a particular section is 21.5m (70 feet).

Summary assay data for each drill hole was manually plotted on the cross and long sections. In addition outcrops from bench plan surface pit geology maps were compiled on all the sections. This information, although limited in extent, proved useful in the subsequent geological interpretation of the sections.

Geological interpretation for each cross section was restricted to the area between long sections 14+000 and 29+000 and elevations 2900 feet and 4030 feet. With respect to the F8701 blocks, this includes all blocks from columns 29 through 113 for all benches below (and including) bench 7. Major effort was spent trying to generate an internally consistent set of cross section interpretations. During this exercise the long sections were used dominantly as a check for fault and intrusive dyke locations. The long sections were not interpreted and systematically incorporated into the cross section geology because of time constraints.

Initially the geology was interpreted on the +000 cross sections because they contained the most extensive drill hole control. Adjacent sections were compared and adjusted to insure continuity of major geological structures and lithologic units. Surface geology outcrops were especially useful in resolving fault and dyke locations and orientations on section.

Next the geology for the +070 cross sections was interpolated from the completed adjacent +000 sections. Limited drill hole data, especially in the northeast part of the deposit, helped constrain and enhance the geological interpretation on these sections. Adjustments were made in all the +000 and +070 sections to improve the internal consistency of the geological interpretation.

Finally the geology for the +035 and +105 cross sections was interpolated from the adjacent +000 and +070 sections. Interpolation of the geology to these sections resulted in a smoothing and averaging of the variations encountered between the adjacent +000 and +070 sections. This smoothing is especially relevant for intrusive dykes and faults because these features do not trend parallel to the major structural grain of the deposit.

This procedure resulted in a (largely) internally consistent set of 35 geological cross sections regularly spaced every 10.9m (35.36 feet). Each section corresponds to a separate row in the F8701 model. The sections have incorporated all 1986 drilling results and all recent geology pit surface mapping. Each of the sections was digitized and interpolated into the F8701 rock type model.

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [25]

GEOLOGICAL AND GEOTECHNICAL DATA

REC	STAT	ROCK CODE	DESCRIPTION	RELATIVE DENSITY [tn/bcf]	PEN	NW	N	NE	W	E	SW	S	SE
						SLOPE ANGLES [DEGREES]							
1	1	20	2ACD ribbon banded graphitic quartzite	.083	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
2	1	21	2ACD-ribbon banded graphitic quartzite/basal horizon	.083	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
3	1	22	2ACD ribbon banded graphitic quartzite/middle horizon	.083	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
4	1	23	2ACD ribbon banded graphitic quartzite/upper horizon	.083	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
5	1	30	2BCD pyritic quartzite	.090	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
6	1	31	2BCD pyritic quartzite/basal horizon	.090	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
7	1	32	2BCD pyritic quartzite/middle horizon	.090	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
8	1	33	2BCD pyritic quartzite/upper horizon	.090	2	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
	1	40	2EC semi-massive quartzose pyritic sulphides	.099	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
	1	50	2EF pyritic massive sulphides	.107	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
11	1	60	2EFG baritic massive sulphides	.112	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
12	1	70	2H pyrrhotitic massive sulphides	.104	5	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
13	1	80	1H/2ABCDEFG Altered metabasite interbanded with ore	.085	4	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
14	1	100	1D0/1C0/1CD schist and phyllite waste	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
15	1	110	1D2/1E0 graphitic schist and phyllite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
16	1	120	2L/1D4 altered schist and phyllite (WME)	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
17	1	130	1H/1F Altered metabasite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
18	1	150	3A basal graphitic unit of 3D Calc-silicate	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
19	1	160	3D Calc-silicate	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
20	1	170	3D BXA Calc-silicate breccia	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
21	1	180	10E Biotite hornblende quartz diorite	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
22	1	190	10F Smokey quartz feldspar porphyry	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
23	1	300	Unconsolidated overburden	.060	7	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
24	1	400	Partially above topography	.076	7	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
25	1	500	Air	.000	0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 39

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
1	116+070;1	116B	160	179
2	116+070;2	116B	160	3
3	116+070;3	116B	150	56
4	116+070;4	116B	150	26
5	116+070;5	116B	130	10
6	116+070;6	116B	130	11
7	116+070;7	116B	110	2
8	116+070;8	116B	110	13
9	116+070;9	116B	110	2
10	116+070;10	116B	120	0
11	116+070;11	116B	120	5
12	116+070;12	116B	110	17
13	116+070;13	116B	110	0
14	116+070;14	116B	120	0
15	116+070;15	116B	110	4
16	116+070;16	116B	120	0
17	116+070;17	116B	120	30
18	116+070;18	116B	120	14
19	116+070;19	116B	23	1
20	116+070;20	116B	50	1
21	116+070;21	116B	21	2
22	116+070;22	116B	23	6
23	116+070;23	116B	23	11
24	116+070;24	116B	50	7
25	116+070;25	116B	21	20
26	116+070;26	116B	70	1
27	116+070;27	116B	70	1
28	116+070;28	116B	50	19
29	116+070;29	116B	32	2
30	116+070;30	116B	21	10
31	116+070;31	116B	70	2
32	116+070;32	116B	180	825
33	116+070;33	116B	180	48
34	116+070;34	116B	180	326

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070   CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39   FROM COLUMN [1] TO COLUMN [25]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

change row 18 column 33 to 160 = 3D

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070

CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [26] TO COLUMN [50] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180
8	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180
9	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180
10	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180
11	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180
12	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180
13	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	180	180	180
14	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	180	180
15	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	180	180
16	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	180
17	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	180
18	100	100	100	160	160	160	160	100	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
19	100	100	100	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100
20	100	100	100	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100
21	100	100	100	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	130
22	100	100	100	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100
23	100	100	100	150	150	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100
27	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	110	110	110	100	100	100	100	180
28	100	100	100	100	130	130	130	130	130	100	100	100	100	100	110	110	100	120	100	100	100	100	100	100	100
29	100	100	100	130	130	100	100	100	100	100	100	100	110	120	120	100	100	100	100	100	100	100	110	180	23
30	100	100	100	100	100	100	100	100	100	110	120	120	100	100	100	100	100	110	110	110	23	23	180	23	23
31	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	110	110	23	23	50	50	70	70	50	50
32	100	100	100	100	100	100	100	100	110	110	110	110	110	23	50	50	21	21	21	21	21	180	21	21	21
33	100	100	100	100	110	110	100	110	110	23	50	50	21	21	21	21	21	21	21	120	180	120	120	100	100
34	100	100	100	100	100	100	100	50	21	21	21	21	21	120	120	120	120	120	120	120	100	100	100	100	100
35	100	100	100	100	100	110	21	21	21	120	120	120	120	120	120	120	100	100	100	180	100	100	100	100	100
36	100	100	100	110	110	120	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	23	50	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
2/1987 PAGE 3

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [51] TO COLUMN [75] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
14	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
15	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
17	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
18	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
19	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
20	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
21	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
22	100	100	180	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
23	100	100	100	100	110	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
24	100	180	110	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100
25	110	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
29	23	23	23	23	23	23	23	23	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30	50	32	32	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
31	21	21	50	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
32	21	120	120	21	21	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
33	100	100	100	120	120	70	70	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
34	100	100	100	100	120	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
35	100	100	100	100	100	100	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
36	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
37	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
38	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
39	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
40	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
41	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
42	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
43	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [76] TO COLUMN [100] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
32	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
33	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
35	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
36	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
37	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
38	180	180	180	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
39	180	180	180	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
40	180	180	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
41	180	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
42	180	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
2/1987

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [101] TO COLUMN [125] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	180	180	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	180	180	180	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	180	180	180	180	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	180	180	180	180	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	180	180	180	180	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [126] TO COLUMN [128] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	126	127	128
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
[illegible]	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
20	100	100	100
21	100	100	100
22	100	100	100
23	100	100	100
24	100	100	100
25	100	100	100
26	100	100	100
27	100	100	100
28	100	100	100
29	100	100	100
30	100	100	100
31	100	100	100
32	100	100	100
33	100	100	100
34	100	100	100
35	100	100	100
36	100	100	100
37	100	100	100
[illegible]	100	100	100
39	100	100	100
40	100	100	100
41	100	100	100
42	100	100	100
43	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [1] TO COLUMN [25] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [26] TO COLUMN [50] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [51] TO COLUMN [75] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
44	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100
45	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	180	180	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [76] TO COLUMN [100] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
44	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [101] TO COLUMN [125] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
44	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Geology of Cross Section 116+070 CREATED ON : 11/ 2/1987

SECTION ALONG ROW : 39 FROM COLUMN [126] TO COLUMN [128] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	126	127	128
44	100	100	100
45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
49	100	100	100
50	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 40

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
35	116+105;35	116C	160	189
36	116+105;36	116C	160	5
37	116+105;37	116C	150	62
38	116+105;38	116C	150	29
39	116+105;39	116C	130	11
40	116+105;40	116C	130	15
41	116+105;41	116C	110	12
42	116+105;42	116C	120	6
43	116+105;43	116C	110	3
44	116+105;44	116C	120	0
45	116+105;45	116C	110	15
46	116+105;46	116C	110	0
47	116+105;47	116C	120	4
48	116+105;48	116C	110	5
49	116+105;49	116C	120	2
50	116+105;50	116C	120	29
51	116+105;51	116C	120	17
52	116+105;52	116C	23	1
53	116+105;53	116C	50	2
54	116+105;54	116C	21	3
55	116+105;55	116C	23	9
56	116+105;56	116C	50	6
57	116+105;57	116C	70	1
58	116+105;58	116C	21	20
59	116+105;59	116C	23	11
60	116+150;60	116C	33	1
61	116+105;61	116C	70	0
62	116+105;62	116C	70	0
63	116+105;63	116C	50	27
64	116+105;64	116C	32	2
65	116+105;65	116C	60	1
66	116+105;66	116C	70	0
67	116+105;67	116C	21	17
68	116+105;68	116C	70	2
69	116+105;69	116C	180	1772
70	116+105;70	116C	100	273
***	116+105;1681	116C	110	5

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
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GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	180	180	180	180
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	180	180	180
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	180	180	180
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	180	180
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	100	180
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100	100
18	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	130
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	130	100	100	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	100	100
23	150	150	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	110	180
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	180
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	180	100
27	100	100	100	100	100	130	130	130	130	100	100	100	100	100	110	110	120	100	100	100	100	100	180	100	100
28	100	130	130	130	130	130	100	100	100	100	100	110	110	120	120	100	100	100	100	100	100	100	180	100	100
29	130	130	100	100	100	100	100	100	110	110	120	120	100	100	100	100	100	100	100	110	110	180	23	23	23
30	100	100	100	100	100	100	100	120	100	100	100	100	100	100	110	110	110	23	23	23	23	23	50	32	32
31	100	100	100	100	100	100	100	100	100	110	110	110	110	110	23	23	50	50	50	70	180	50	21	21	50
32	100	100	100	100	100	110	110	110	110	110	23	50	50	21	21	21	21	21	21	180	21	21	21	120	120
33	100	110	110	100	100	110	23	23	50	21	21	21	21	21	21	21	120	120	120	120	100	100	100	100	100
34	100	100	100	100	100	21	21	21	21	21	120	120	120	120	120	120	120	100	180	100	100	100	100	100	100
35	100	100	110	110	21	21	120	120	120	120	120	120	120	100	100	100	100	180	100	100	100	100	100	100	100
36	110	110	110	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40   FROM COLUMN [54] TO COLUMN [78]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	180	180	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	180	180	180	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
10	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
11	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
[illegible]	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
13	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
14	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
15	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
17	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
18	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
19	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	180
20	130	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180	180
21	100	180	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180	180
22	100	180	100	100	110	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	180	180	180
23	180	110	110	110	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	180	180	180
24	110	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180
25	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	100	100	100	100	100	100	100	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	100	100	100	100	100	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
29	23	23	23	23	23	23	23	33	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30	50	50	50	50	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
31	50	50	50	50	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
32	21	21	50	50	50	50	50	50	60	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
33	120	120	70	70	21	21	21	21	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
34	100	120	120	120	120	120	21	21	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
35	100	100	100	120	120	120	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100
36	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100
37	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100	180	180	100	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100	180	180	180	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
18	180	180	180	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180
19	180	180	180	180	180	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
20	180	180	180	180	180	180	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
21	180	180	180	180	180	180	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
22	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100
23	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
24	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100
25	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
26	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
27	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
28	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
29	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
30	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100
31	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
32	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
33	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
34	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
35	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	180
41	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	180	180
42	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	180	180	180
43	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	180	180	180	180	180
8	100	100	100	100	180	180	180	180	180	180
9	100	100	100	100	180	180	180	180	180	180
10	100	100	100	180	180	180	180	180	180	180
11	100	100	100	180	180	180	180	180	180	180
[illegible]	100	100	180	180	180	180	180	180	180	180
[illegible]	100	100	180	180	180	180	180	180	180	180
14	100	180	180	180	180	180	180	180	180	180
15	100	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180
19	180	180	180	180	180	180	180	180	180	180
20	180	180	180	180	180	180	180	180	180	180
21	180	180	180	180	180	180	180	180	180	180
22	180	180	180	180	180	180	180	180	180	180
23	100	180	180	180	180	180	180	180	180	180
24	100	100	180	180	180	180	180	180	180	180
25	100	100	180	180	180	180	180	180	180	180
26	100	100	100	180	180	180	180	180	180	180
27	100	100	100	180	180	180	180	180	180	180
28	100	100	100	100	180	180	180	180	180	180
29	100	100	100	100	180	180	180	180	180	180
30	100	100	100	100	180	180	180	180	180	180
31	100	100	100	100	180	180	180	180	180	180
32	100	100	100	180	180	180	180	180	180	180
33	100	100	100	180	180	180	180	180	180	180
34	100	100	100	180	180	180	180	180	180	180
35	100	100	180	180	180	180	180	180	180	180
36	100	100	180	180	180	180	180	180	180	180
37	100	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180
39	180	180	180	180	180	180	180	180	180	180
40	180	180	180	180	180	180	180	180	180	180
41	180	180	180	180	180	180	180	180	180	180
42	180	180	180	180	180	180	180	180	180	180
43	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
45	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
46	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
47	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
48	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
49	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
50	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 40 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	180	180	180	180	180	180	180	180	180	180
45	180	180	180	180	180	180	180	180	180	180
46	180	180	180	180	180	180	180	180	180	180
47	180	180	180	180	180	180	180	180	180	180
48	180	180	180	180	180	180	180	180	180	180
49	180	180	180	180	180	180	180	180	180	180
50	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 41

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
71	117+000;71	117	160	201
72	117+000;72	117	160	12
73	117+000;73	117	150	64
74	117+000;74	117	150	35
75	117+000;75	117	130	13
76	117+000;76	117	130	13
77	117+000;77	117	110	4
78	117+000;78	117	110	13
79	117+000;79	117	120	3
80	117+000;80	117	110	7
81	117+000;81	117	110	12
82	117+000;82	117	120	4
83	117+000;83	117	120	24
84	117+000;84	117	110	5
85	117+000;85	117	120	14
86	117+000;86	117	120	14
87	117+000;87	117	120	1
88	117+000;88	117	23	1
89	117+000;89	117	50	2
90	117+000;90	117	21	5
91	117+000;91	117	23	10
92	117+000:50	117	50	8
93	117+000;93	117	21	20
94	117+000;94	117	70	0
95	117+000;95	117	70	1
96	117+000;96	117	32	0
97	117+000;97	117	23	9
98	117+000;98	117	33	5
99	117+000;99	117	70	0
100	117+000;100	117	70	1
101	117+000;101	117	32	1
102	117+000;102	117	50	34
103	117+000;103	117	60	4
104	117+000;104	117	70	0
105	117+000;105	117	70	2
106	117+000;106	117	21	24
107	117+000;107	117	180	1810
108	117+000;108	117	100	79

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
/1987 | | PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	180
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100
18	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	130	100	100	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100
23	150	150	150	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
26	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	110	110	110	100	100	100	100	180
27	100	100	100	100	100	130	130	130	130	130	100	100	100	100	110	110	100	100	100	100	100	100	100	180	100
28	100	130	130	130	130	130	100	100	100	100	100	110	110	110	120	100	100	100	100	100	100	100	100	100	100
29	130	130	100	100	100	100	100	100	100	110	120	120	100	100	100	100	100	100	100	100	110	23	180	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	23	23	23	23	180	50	32	50
31	100	100	100	100	100	100	100	100	100	110	110	110	110	23	23	23	50	50	50	50	70	70	21	21	50
32	100	100	100	100	100	110	110	110	110	110	23	50	50	21	21	21	21	21	21	21	180	21	21	120	100
33	100	110	110	100	120	100	23	50	50	21	21	21	21	21	21	21	120	120	120	180	100	100	100	100	100
34	100	100	100	100	100	100	21	21	21	21	21	120	120	120	120	120	120	100	100	100	100	100	100	100	100
35	100	100	110	110	110	21	100	120	120	120	120	120	120	100	100	100	100	100	180	100	100	100	100	100	100
36	110	110	110	110	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41   FROM COLUMN [54] TO COLUMN [78]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
8	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
9	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
10	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
11	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
[illegible]	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
[illegible]	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180
14	150	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180
15	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180	180
16	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180	180
17	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180	180
18	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	180	180	180
19	100	100	100	130	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	180	180	180
20	130	100	100	180	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100	180	180	180
21	100	100	180	100	100	100	100	100	110	180	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180
22	100	100	100	100	100	110	110	100	100	180	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180
23	100	180	110	110	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180
24	180	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
25	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	100	100	100	100	100	100	100	100	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	100	100	100	100	100	100	100	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	100	100	100	100	100	120	120	120	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180
29	23	23	23	23	23	23	23	33	33	33	33	33	180	180	180	180	180	180	180	180	180	180	180	180	180
30	50	50	50	50	50	50	50	50	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180
31	50	50	50	50	50	50	50	50	50	50	50	60	180	180	180	180	180	180	180	180	180	180	180	180	180
32	21	21	50	50	50	50	50	50	60	60	60	50	50	180	180	180	180	180	180	180	180	180	180	180	100
33	120	120	70	21	21	21	21	21	21	21	21	21	21	180	180	180	180	180	180	180	180	180	180	100	100
34	100	120	120	120	120	70	21	21	21	21	21	21	21	21	180	180	180	180	180	180	180	180	180	100	100
35	100	100	120	120	120	120	120	120	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100
36	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro FB701 Geological Reserve Model MODULE 3.09
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GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
	180	180	180	180	180	100	100	100	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
14	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
15	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
19	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
20	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
22	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
23	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
24	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
25	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180
28	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	180
29	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
30	180	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
31	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
32	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
33	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
34	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	180
35	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	180
36	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	180	180	180
37	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100	180	180	180	180	180
	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
39	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
40	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
41	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
42	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
43	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC

SERIAL NO : 20000 Faro FB701 Geological Reserve Model MODULE 3.09

'1987 PAGE 4

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	180	180	180	180	180	100	100	100	100
8	100	180	180	180	180	180	180	180	100	100
9	100	180	180	180	180	180	180	180	180	180
10	100	180	180	180	180	180	180	180	180	180
11	100	180	180	180	180	180	180	180	180	180
[illegible]	100	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180
14	180	180	180	180	180	180	180	180	180	180
15	180	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180
19	180	180	180	180	180	180	180	180	180	180
20	180	180	180	180	180	180	180	180	180	180
21	180	180	180	180	180	180	180	180	180	180
22	180	180	180	180	180	180	180	180	180	180
23	180	180	180	180	180	180	180	180	180	180
24	180	180	180	180	180	180	180	180	180	180
25	180	180	180	180	180	180	180	180	180	180
26	180	180	180	180	180	180	180	180	180	180
27	180	180	180	180	180	180	180	180	180	180
28	180	180	180	180	180	180	180	180	180	180
29	180	180	180	180	180	180	180	180	180	180
30	180	180	180	180	180	180	180	180	180	180
31	180	180	180	180	180	180	180	180	180	180
32	180	180	180	180	180	180	180	180	180	180
33	180	180	180	180	180	180	180	180	180	180
34	180	180	180	180	180	180	180	180	180	180
35	180	180	180	180	180	180	180	180	180	180
36	180	180	180	180	180	180	180	180	180	180
37	180	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180
39	180	180	180	180	180	180	180	180	180	180
40	180	180	180	180	180	180	180	180	180	180
41	180	180	180	180	180	180	180	180	180	180
42	180	180	180	180	180	180	180	180	180	180
43	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41   FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 41   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
45	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
46	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
47	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
48	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
49	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
50	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 42

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
109	117+035;109	117A	160	210
110	117+035;110	117A	160	5
111	117+035;111	117A	160	39
112	117+035;112	117A	150	66
113	117+035;113	117A	150	26
114	117+000;114	117A	150	27
115	117+000;115	117A	130	12
116	117+035;116	117A	130	12
117	117+035;117	117A	130	2
118	117+035;118	117A	130	5
119	117+035;119	117A	110	4
120	117+035;120	117A	110	11
121	117+035;121	117A	110	9
122	117+035;122	117A	120	0
123	117+035;123	117A	120	5
124	117+035;124	117A	120	1
125	117+035;125	117A	110	8
126	117+035;126	117A	110	13
127	117+035;127	117A	120	0
128	117+035;128	117A	120	19
129	117+035;129	117A	120	4
130	117+035;130	117A	120	24
131	117+035;131	117A	120	15
132	117+035;132	117A	120	7
133	117+035;133	117A	120	8
134	117+035;134	117A	150	6
135	117+035;135	117A	23	12
136	117+035;136	117A	23	8
137	117+035;137	117A	33	5
138	117+035;138	117A	33	4
140	117+035;140	117A	50	60
141	117+035;141	117A	50	2
142	117+035;142	117A	21	6
143	117+035;143	117A	21	22
144	117+035;144	117A	70	0
145	117+035;145	117A	70	0
146	117+035;146	117A	32	0
147	117+035;147	117A	32	1
148	117+035;148	117A	70	0

149	117+035;149	117A	70	0
150	117+035;150	117A	21	36
151	117+035;151	117A	70	1
152	117+035;152	117A	60	9
153	117+035;153	117A	70	1
154	117+035;154	117A	70	0
155	117+035;155	117A	32	6
156	117+035;156	117A	21	8
157	117+035;157	117A	23	2
158	117+035;158	117A	180	1605
***	117+035;1682	117A	50	9
***	117+035;1683	117A	50	2
***	117+035;1684	117A	50	1

Deleted polygon 139

Replaced it with polygons 1682, 1683, 1684

Manually corrected

Bench: 29

Column: 68 to 180

Row: 42

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41
1	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160
16	160	160	160	160	160	160	160	160	160	160	160	160	160
17	160	160	160	160	160	160	160	160	160	160	160	160	150
18	160	160	160	160	150	150	150	150	150	150	150	150	150
19	150	150	150	150	150	150	150	150	150	150	150	150	150
20	150	150	150	150	150	150	150	150	150	150	150	150	150
21	150	150	150	150	150	150	150	150	150	150	150	150	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100
23	150	150	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	130	130	100	100
27	100	100	100	100	100	130	130	130	130	130	100	100	100
28	100	130	130	130	130	100	100	100	100	100	100	110	110
29	130	100	100	100	100	100	100	100	100	110	120	120	100
30	100	100	100	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	110	110	110	110	110
32	100	100	100	100	100	110	110	110	110	23	23	50	50
33	100	110	110	100	100	100	100	50	50	21	21	21	21
34	100	100	100	100	100	100	21	21	21	21	21	120	120
35	100	100	110	110	110	110	120	120	120	120	120	120	120
36	110	110	110	110	23	120	120	120	120	120	100	100	100
37	23	100	100	21	120	120	100	100	100	100	100	100	100
[illegible]	21	21	21	21	100	100	100	100	100	100	100	100	100
39	21	120	120	100	100	100	100	100	100	100	100	100	100
40	120	120	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100

	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	180	180	180	180
8	160	160	160	160	160	160	160	160	160	160	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	150	150	160	160	160
[illegible]	160	160	160	160	160	150	150	150	150	150	160	160
14	160	160	160	160	160	150	150	150	150	150	160	160
15	160	160	160	160	150	150	150	150	150	150	150	150
16	160	160	160	160	150	150	150	150	100	100	100	150
17	150	150	150	150	150	150	100	100	100	100	100	150
18	150	150	150	100	100	100	100	100	100	100	100	150
19	150	150	100	100	100	100	100	100	100	100	100	100
20	150	100	100	100	100	100	100	100	100	130	130	130
21	100	100	100	100	100	130	130	130	130	100	100	100
22	100	100	130	130	130	100	100	100	100	100	100	100
23	130	130	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	110	110
25	100	100	100	100	100	100	100	110	110	100	100	100
26	100	100	100	100	110	110	100	100	100	100	100	100
27	100	110	110	120	100	100	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100	100	180
29	100	100	100	100	100	100	110	110	23	23	23	23
30	110	110	110	110	23	23	23	23	23	50	180	32
31	23	23	50	50	50	50	50	50	50	180	21	21
32	21	21	21	21	21	21	21	21	21	180	120	120
33	21	21	21	120	120	120	120	100	180	100	100	100
34	120	120	120	120	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	180	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100
8	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100
9	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
10	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
11	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
14	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
15	150	150	150	150	150	150	150	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
16	150	150	150	150	150	150	150	180	150	150	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17	150	150	150	150	150	150	180	150	150	150	150	180	180	180	180	180	180	180	180	180	180	180	180	180	180
18	150	150	100	100	100	100	180	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180
19	100	100	100	100	100	180	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180
20	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180
21	100	100	100	100	180	100	100	100	100	130	130	180	180	180	180	180	180	180	180	180	180	180	180	180	180
22	100	100	100	180	100	130	130	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180
23	100	130	130	130	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180
24	100	100	180	100	100	100	100	100	110	110	110	110	180	180	180	180	180	180	180	180	180	180	180	180	180
25	100	180	100	100	100	100	100	110	110	110	120	100	180	180	180	180	180	180	180	180	180	180	180	180	180
26	100	100	100	100	110	110	100	100	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180
27	180	100	100	100	100	100	100	120	120	120	120	120	120	180	180	[illegible]	180	180	180	180	180	180	180	120	33
28	100	100	100	100	100	120	120	120	120	120	120	120	120	50	180	180	180	180	180	180	180	33	33	50	50
29	23	23	23	23	23	23	23	33	33	33	33	33	50	70	100 180	180	180	180	180	180	50	50	50	50	120
30	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	50	32	32	32	32	32	120
31	50	50	50	50	50	50	50	50	50	50	50	60	60	50	50	50	50	50	50	50	50	32	50	100	100
32	21	21	50	50	50	50	50	50	50	60	60	50	50	50	50	50	50	50	50	50	50	50	100	100	100
33	120	120	70	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	100	100	100	100
34	100	120	120	120	120	120	21	21	21	21	21	21	21	21	21	21	21	21	21	21	100	100	100	100	100
35	100	100	120	120	120	120	120	120	100	100	100	100	100	120	120	120	120	120	120	120	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
[illegible]/1987 | | PAGE 3

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
8	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
9	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
10	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
11	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
14	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
15	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
19	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
20	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
22	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
23	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
24	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
25	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	33	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	21	21	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
29	120	21	21	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30	120	21	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
31	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
32	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
33	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
34	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
35	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
36	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
37	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
[illegible]	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
40	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
41	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
42	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
43	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	100
8	180	180	180	180	180	180	180	180	100	100
9	180	180	180	180	180	180	180	180	100	100
10	180	180	180	180	180	180	180	180	100	100
11	180	180	180	180	180	180	180	180	100	100
[illegible]	180	180	180	180	180	180	180	180	100	100
[illegible]	180	180	180	180	180	180	180	180	100	100
14	180	180	180	180	180	180	180	180	100	100
15	180	180	180	180	180	180	180	100	100	100
16	180	180	180	180	180	180	180	100	100	100
17	180	180	180	180	180	180	180	100	100	100
18	180	180	180	180	180	180	180	100	100	100
19	180	180	180	180	180	180	180	100	100	100
20	180	180	180	180	180	180	180	100	100	100
21	180	180	180	180	180	180	180	100	100	100
22	180	180	180	180	180	180	180	100	100	100
23	180	180	180	180	180	180	180	100	100	100
24	180	180	180	180	180	180	180	100	100	100
25	180	180	180	180	180	180	180	100	100	100
26	180	180	180	180	180	180	180	100	100	100
27	180	180	180	180	180	180	180	100	100	100
28	180	180	180	180	180	180	180	100	100	100
29	180	180	180	180	180	180	180	100	100	100
30	180	180	180	180	180	180	180	100	100	100
31	180	180	180	180	180	180	100	100	100	100
32	180	180	180	180	180	180	100	100	100	100
33	180	180	180	180	180	180	100	100	100	100
34	180	180	180	180	180	180	100	100	100	100
35	180	180	180	180	180	180	100	100	100	100
36	180	180	180	180	180	100	100	100	100	100
37	180	180	180	180	180	100	100	100	100	100
[illegible]	180	180	180	180	180	100	100	100	100	100
[illegible]	180	180	180	180	180	100	100	100	100	100
40	180	180	180	180	100	100	100	100	100	100
41	180	180	180	180	100	100	100	100	100	100
42	180	180	180	180	100	100	100	100	100	100
43	180	180	180	180	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
45	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
46	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
47	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
48	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
49	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
50	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 3/ 4/1987

SECTION ALONG ROW : 42 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	180	180	180	180	100	100	100	100	100	100
45	180	180	180	180	100	100	100	100	100	100
46	180	180	180	180	100	100	100	100	100	100
47	180	180	180	100	100	100	100	100	100	100
48	180	180	180	100	100	100	100	100	100	100
49	180	180	180	100	100	100	100	100	100	100
50	180	180	180	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 43

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
159	117+070;159	117B	150	69
160	117+070;160	117B	160	218
161	117+070;161	117B	130	13
162	117+070;162	117B	110	4
163	117+070;120	117B	120	1
164	117+070;164	117B	110	9
165	117+070;165	117B	160	8
166	117+070;166	117B	150	30
167	117+070;167	117B	160	3
168	117+070;168	117B	130	11
169	117+070;110	117B	110	14
170	117+070;170	117B	120	4
171	117+070;171	117B	110	12
172	117+070;172	117B	120	0
173	117+070;173	117B	160	78
174	117+070;174	117B	150	27
175	117+070;175	117B	130	1
176	117+070;176	117B	130	3
177	117+070;177	117B	110	9
178	117+070;178	117B	120	21
179	117+070;179	117B	110	6
180	117+070;180	117B	120	8
181	117+070;181	117B	120	14
182	117+070;182	117B	120	6
183	117+070;183	117B	120	24
184	117+070;184	117B	120	14
185	117+070;185	117B	120	8
186	117+070;186	117B	120	7
187	117+070;187	117B	150	16
188	117+070;188	117B	100	0
189	117+070;189	117B	21	7
190	117+070;190	117B	23	13
191	117+070;191	117B	50	13
192	117+070;192	117B	21	22
193	117+070;193	117B	70	1
194	117+070;194	117B	70	0
195	117+070;195	117B	32	0
196	117+070;196	117B	70	1
197	117+070;197	117B	23	[illegible]

198	117+070;198	117B	50	74
199	117+070;199	117B	21	37
200	117+070;200	117B	70	2
201	117+070;201	117B	33	5
202	117+070;202	117B	60	20
203	117+070;203	117B	70	5
204	117+070;204	117B	20	2
205	117+070;205	117B	70	0
206	117+070;206	117B	33	6
207	117+070;207	117B	32	7
208	117+070;208	117B	50	13
209	117+070;209	117B	40	0
210	117+070;210	117B	40	1
211	117+070;211	117B	21	7
212	117+070;212	117B	23	2
213	117+070;213	117B	50	3
214	117+070;214	117B	180	1245
215	117+070;215	117B	180	25

Manually edited

Bench : 32

Row : 43 to 50

Column : 69

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100
18	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	130	100	100	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100
23	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
26	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	110	110	110	100	100	100	100	100
27	100	100	100	100	100	130	130	130	130	130	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100
28	100	130	130	130	130	130	100	100	100	100	100	110	110	120	120	100	100	100	100	100	100	100	100	100	100
29	130	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	110	110	23	23	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	23	23	23	23	23	50	50	70
31	100	100	100	100	100	100	100	100	100	110	110	110	110	110	23	23	50	50	50	50	50	50	50	21	180
32	100	100	100	100	100	110	110	120	110	110	23	50	50	21	21	21	21	21	21	21	21	21	21	120	120
33	100	110	110	100	100	100	100	50	50	21	21	21	21	21	21	21	120	120	120	120	100	100	100	180	100
34	100	100	100	100	100	100	110	21	21	21	21	120	120	120	120	120	120	100	100	100	100	100	180	100	100
35	100	100	110	110	110	110	120	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100
36	110	110	110	110	23	50	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100
37	23	50	50	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
8	160	180	180	180	180	180	180	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180
10	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180
11	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180
12	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180	180	180	180
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180
14	160	160	160	160	160	160	160	160	160	160	180	150	150	150	180	180	180	180	180	180	180	180	180	180	180
15	100	150	150	150	150	150	150	150	150	180	150	150	150	150	150	180	180	180	180	180	180	180	180	180	180
16	100	150	150	150	150	150	150	150	150	150	150	150	150	150	100	180	180	180	180	180	180	180	180	180	180
17	100	150	150	150	150	150	150	150	180	150	150	150	100	100	100	100	180	180	180	180	180	180	180	180	180
18	100	100	150	150	150	150	100	180	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180
20	130	100	100	100	100	100	180	100	100	100	100	100	100	100	100	180	100	100	100	100	100	180	180	180	180
21	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	180	180	100	110	110	110	110	180	180	180
22	100	100	100	100	100	180	130	130	100	100	100	100	100	100	180	180	180	180	110	110	100	100	100	100	100
23	100	110	110	130	180	100	100	100	100	100	100	100	110	180	180	180	180	180	100	100	100	100	100	100	120
24	100	100	100	100	100	100	100	100	100	110	110	110	110	180	180	180	180	180	100	100	120	120	120	100	100
25	100	100	100	180	100	100	100	110	110	110	100	100	100	180	180	180	180	180	120	120	100	100	100	100	100
26	100	100	100	100	100	110	100	100	120	120	120	120	120	120	180	180	180	100	100	100	100	100	100	120	120
27	100	100	100	100	100	100	100	120	120	120	120	120	120	120	50	50	100	120	120	120	120	120	120	120	33
28	100	180	100	100	100	120	120	120	120	120	120	120	120	50	60	60	60	60	60	33	33	33	33	50	50
29	23	23	23	23	23	23	23	33	33	33	33	33	50	70	70	70	70	70	50	50	50	50	50	50	50
30	70	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	50	32	32	32	32	32	50
31	50	50	50	50	50	50	50	50	50	50	50	60	60	60	50	50	50	50	50	50	32	32	50	50	100
32	21	21	50	50	50	50	50	50	50	60	60	50	50	50	50	100	20	20	50	50	50	50	50	100	100
33	120	120	70	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	50	100	100
34	100	120	120	120	120	70	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	100	100	100
35	100	100	120	120	120	120	120	120	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180
8	180	180	180	180	180	180	180	180	180	180	180	100	100	100	180	180	180	180	180	180	180	180	180	180	180
9	180	180	180	180	180	180	180	180	180	180	180	100	100	100	180	180	180	180	180	180	180	180	180	180	180
10	180	180	180	180	180	180	180	180	180	180	180	180	100	180	180	180	180	180	180	180	180	180	180	180	180
11	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
14	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
15	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
19	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
20	180	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
21	180	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
22	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
23	120	120	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
24	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
25	100	120	120	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	120	120	120	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	33	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	50	50	50	50	40	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
29	50	21	21	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30	120	21	21	21	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
31	120	120	120	120	120	120	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
32	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
33	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
34	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
35	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
36	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
37	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
39	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
40	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
41	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
42	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
43	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	100	100	100
8	180	180	180	180	180	180	100	100	100	100
9	180	180	180	180	180	180	100	100	100	100
10	180	180	180	180	180	180	100	100	100	100
11	180	180	180	180	180	180	100	100	100	100
[illegible]	180	180	180	180	180	180	100	100	100	100
[illegible]	180	180	180	180	180	180	100	100	100	100
14	180	180	180	180	180	180	100	100	100	100
15	180	180	180	180	180	100	100	100	100	100
16	180	180	180	180	180	100	100	100	100	100
17	180	180	180	180	180	100	100	100	100	100
18	180	180	180	180	180	100	100	100	100	100
19	180	180	180	180	180	100	100	100	100	100
20	180	180	180	180	180	100	100	100	100	100
21	180	180	180	180	180	100	100	100	100	100
22	180	180	180	180	180	100	100	100	100	100
23	180	180	180	180	180	100	100	100	100	100
24	180	180	180	180	180	100	100	100	100	100
25	180	180	180	180	180	100	100	100	100	100
26	180	180	180	180	180	100	100	100	100	100
27	180	180	180	180	180	100	100	100	100	100
28	180	180	180	180	180	100	100	100	100	100
29	180	180	180	180	180	100	100	100	100	100
30	180	180	180	180	180	100	100	100	100	100
31	180	180	180	180	180	100	100	100	100	100
32	180	180	180	180	180	100	100	100	100	100
33	180	180	180	180	180	100	100	100	100	100
34	180	180	180	180	100	100	100	100	100	100
35	180	180	180	180	100	100	100	100	100	100
36	180	180	180	180	100	100	100	100	100	100
37	180	180	180	180	100	100	100	100	100	100
[illegible]	180	180	180	180	100	100	100	100	100	100
39	180	180	180	100	100	100	100	100	100	100
40	180	180	180	100	100	100	100	100	100	100
41	180	180	180	100	100	100	100	100	100	100
42	180	180	180	100	100	100	100	100	100	100
43	180	180	180	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
45	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
46	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
47	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
48	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
49	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
50	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 43 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	180	180	180	100	100	100	100	100	100	100
45	180	180	100	100	100	100	100	100	100	100
46	180	180	100	100	100	100	100	100	100	100
47	180	180	100	100	100	100	100	100	100	100
48	180	180	100	100	100	100	100	100	100	100
49	180	180	100	100	100	100	100	100	100	100
50	180	180	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 44

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
216	117+105;216	117C	160	223
217	117+105;217	117C	150	73
218	117+105;218	117C	130	13
219	117+105;219	117C	110	3
220	117+105;220	117C	120	4
221	117+105;221	117C	110	10
222	117+105;222	117C	160	8
223	117+105;223	117C	150	27
224	117+105;224	117C	130	12
225	117+105;225	117C	110	14
226	117+105;226	117C	120	3
227	117+105;227	117C	110	12
228	117+105;228	117C	160	107
229	117+105;229	117C	150	33
230	117+105;230	117C	130	2
231	117+105;231	117C	120	0
232	117+000;232	117C	120	56
233	117+105;233	117C	110	28
234	117+105;234	117C	130	2
235	117+105;235	117C	150	13
236	117+105;236	117C	160	13
237	117+105;237	117C	120	5
238	117+105;238	117C	120	0
239	117+105;239	117C	120	10
240	117+105;240	117C	120	0
241	117+105;241	117C	120	0
242	117+105;242	117C	120	7
243	117+105;243	117C	120	22
244	117+105;244	117C	120	29
245	117+105;245	117C	120	12
246	117+105;246	117C	50	13
247	117+105;247	117C	21	24
248	117+105;248	117C	32	2
249	117+105;249	117C	70	2
250	117+105;250	117C	70	1
251	117+105;251	117C	50	102
252	117+105;252	117C	23	4
253	117+105;253	117C	33	6
254	117+105;254	117C	21	27

255	117+105;255	117C	70	2
256	117+105;256	117C	60	12
257	117+105;257	117C	70	0
258	117+105;258	117C	20	2
259	117+105;259	117C	70	3
260	117+105;260	117C	32	8
261	117+105;261	117C	33	7
262	117+105;262	117C	60	1
263	117+105;263	117C	60	6
264	117+105;264	117C	40	3
265	117+105;265	117C	40	2
266	117+105;266	117C	70	0
267	117+105;267	117C	40	1
268	117+105;268	117C	50	27
269	117+105;269	117C	21	20
270	117+105;270	117C	33	0
271	117+105;271	117C	60	10
272	117+105;272	117C	33	3
273	117+105;273	117C	33	8
274	117+105;274	117C	50	1
275	117+105;275	117C	40	16
276	117+105;276	117C	21	10
277	117+105;277	117C	21	15
278	117+105;278	117C	40	1
279	117+105;279	117C	23	14
280	117+105;280	117C	23	2
281	117+105;281	117C	50	3
282	117+105;282	117C	21	8
283	117+105;283	117C	180	1
284	117+105;284	117C	180	120
285	117+105;285	117C	180	699

Manually change

Column: 84

Row: 44 to 50

Bench: 27

Done

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	100	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100	100
18	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	130	130	130
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	130	130	130	130	100	100	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100
23	150	150	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
26	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	110	110	110	100	100	100	100	100
27	100	100	100	100	100	130	130	130	130	130	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100
28	100	130	130	130	130	100	100	100	100	100	100	110	110	120	120	100	100	100	100	100	100	100	100	100	100
29	130	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	110	110	23	23	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	23	23	23	23	23	50	32	32
31	100	100	100	100	100	100	100	100	100	110	110	110	110	110	23	23	50	50	50	50	50	50	21	21	70
32	100	100	100	100	100	110	120	120	120	110	23	50	50	21	21	21	21	21	21	21	21	21	21	120	120
33	100	110	110	100	120	100	100	100	50	21	21	21	21	21	21	21	120	120	120	120	100	100	100	100	100
34	100	100	100	100	100	100	110	21	21	21	21	120	120	120	120	120	120	100	100	100	100	100	100	100	100
35	100	100	110	110	110	110	110	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100
36	110	110	110	110	23	50	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
/1987 | | PAGE 2

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44   FROM COLUMN [54] TO COLUMN [78]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	180	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180	180	180
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180	180
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	180	180	180	180	180	180	180	180
12	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	180	180	180	180	180	180	180
13	150	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	180	180	180	180	180	100	100
14	150	160	160	160	160	160	160	150	150	150	150	150	180	150	150	150	150	150	100	100	100	100	100	100	100
15	100	150	150	150	150	150	150	150	150	150	150	180	150	150	150	150	100	100	100	100	100	100	100	100	100
16	100	100	150	150	150	150	150	150	150	150	150	180	150	150	100	100	100	100	100	100	100	100	100	100	100
17	100	100	150	150	150	150	150	150	150	150	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	150	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	130	100	100	100	100	100	100	100	180	100	100	100	130	100	100	100	100	100	100	100	100	100	110	110	100
21	100	100	100	100	100	100	100	180	100	130	100	100	100	100	100	100	100	100	110	110	110	110	110	100	100
22	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	110	110	110	110	110	110	100	100	100	100
23	100	110	110	100	100	100	180	100	100	100	100	110	110	110	110	110	110	100	100	100	100	100	100	120	120
24	100	100	100	100	100	180	100	100	110	110	110	110	110	100	100	100	100	100	100	100	120	120	120	100	100
25	100	100	100	100	100	100	100	110	110	110	120	100	100	100	100	100	100	120	120	120	100	100	100	100	100
26	100	100	100	100	180	110	100	100	120	120	120	120	120	120	120	120	120	100	100	100	100	100	120	120	120
27	100	100	100	180	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	33
28	100	100	100	100	100	120	120	120	120	120	120	120	120	33	50	60	50	50	33	33	33	33	33	50	50
29	23	23	180	23	23	23	23	33	33	33	33	33	50	60	60	60	60	50	50	50	50	50	50	50	50
30	50	180	50	50	50	50	50	50	50	50	50	50	60	60	60	50	50	50	32	32	32	32	32	32	50
31	70	70	50	50	50	50	50	50	50	50	50	60	60	50	50	50	50	50	50	50	32	32	50	50	50
32	180	21	50	50	50	50	50	50	50	60	60	50	50	50	50	20	20	50	50	50	50	50	50	50	50
33	120	120	70	70	21	21	50	50	50	50	50	50	50	70	70	70	21	21	21	21	21	21	50	50	100
34	100	120	120	120	120	120	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	50	100	100
35	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	21	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

change to 50

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180	180	180	180	180	180	180	180	180
8	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180	180	180	180	180	180	180	180	180	180
9	180	180	180	180	180	180	180	180	180	180	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180
10	180	180	180	180	180	180	180	180	180	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180
11	100	100	100	100	100	180	180	180	180	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180
	100	100	100	100	100	100	100	180	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	180	180	180	180	180	180	180	180
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	40	120	120	120	180	180	180	180
18	100	100	100	100	100	100	100	100	100	100	100	100	100	60	60	60	33	120	120	120	120	33	33	33	40
19	100	100	100	100	100	100	180	180	180	180	180	60	60	60	60	120	120	33	50	33	40	40	40	40	21
20	100	100	100	100	100	180	180	180	180	180	180	60	60	33	100	120	33	33	40	40	40	40	21	21	21
21	100	100	100	100	100	180	180	180	180	180	180	33	100	100	40	40	40	40	40	21	21	21	21	21	21
22	100	100	120	100	100	100	60	180	180	180	180	180	180	180	180	180	40	40	21	21	21	21	21	21	21
23	120	120	100	100	100	60	60	180	180	180	180	180	180	180	180	180	180	180	180	180	180	21	21	21	21
24	100	100	100	100	120	60	60	60	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
25	100	120	120	120	50	50	50	40	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
26	120	120	120	50	40	40	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
27	33	50	60	50	50	100	40	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
28	50	50	50	50	40	50	50	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
29	50	50	50	50	50	50	50	50	40	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30	50	21	21	21	21	21	21	21	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
31	120	21	21	21	21	21	21	21	50	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
32	120	120	120	120	120	120	120	21	21	50	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
33	100	120	120	120	100	100	100	120	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
34	100	100	100	100	100	100	100	100	21	21	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
35	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
36	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
37	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
39	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
40	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
41	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	100
42	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	180	180	100	100	100
43	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	180
8	180	180	180	180	180	180	180	180	180	180
9	180	180	180	180	180	180	180	180	180	180
10	180	180	180	180	180	180	180	180	180	180
11	180	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180
[illegible]	180	180	180	180	180	180	180	180	180	180
14	180	180	180	180	180	180	180	180	180	180
15	180	180	180	180	180	180	180	180	180	180
16	180	180	180	180	180	180	180	180	180	180
17	180	180	180	180	180	180	180	180	180	180
18	180	180	180	180	180	180	180	180	180	180
19	21	180	180	180	180	180	180	180	180	180
20	21	180	180	180	180	180	180	180	180	180
21	21	180	180	180	180	180	180	180	180	180
22	21	180	180	180	180	180	180	180	180	180
23	180	180	180	180	180	180	180	180	180	180
24	180	180	180	180	180	180	180	180	100	100
25	180	180	180	180	180	180	100	100	100	100
26	180	180	180	180	180	100	100	100	100	100
27	180	180	180	180	100	100	100	100	100	100
28	180	180	180	180	100	100	100	100	100	100
29	180	180	180	180	100	100	100	100	100	100
30	180	180	180	100	100	100	100	100	100	100
31	180	180	180	100	100	100	100	100	100	100
32	180	180	180	100	100	100	100	100	100	100
33	180	180	100	100	100	100	100	100	100	100
34	180	180	100	100	100	100	100	100	100	100
35	180	180	100	100	100	100	100	100	100	100
36	180	180	100	100	100	100	100	100	100	100
37	180	100	100	100	100	100	100	100	100	100
[illegible]	180	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	180	180	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 44 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 45

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
286	118+000;286	118	160	357
287	118+000;287	118	150	77
288	118+000;288	118	130	17
289	118+000;289	118	110	5
290	118+000;290	118	120	3
291	118+000;291	118	110	13
292	118+000;292	118	150	24
293	118+000;293	118	130	11
294	118+000;294	118	110	16
295	118+000;295	118	120	1
296	118+000;296	118	110	9
297	118+000;297	118	150	29
298	118+000;298	118	130	2
299	118+000;299	118	130	2
300	118+000;300	118	120	0
301	118+000;301	118	120	57
302	118+000;302	118	110	25
303	118+000;303	118	150	10
304	118+000;304	118	160	41
305	118+000;305	118	180	0
306	118+000;306	118	110	4
307	118+000;307	118	100	2
308	118+000;308	118	120	46
309	118+000;309	118	120	2
310	118+000;310	118	100	7
311	118+000;311	118	120	4
312	118+000;312	118	120	8
313	118+000;313	118	120	19
314	118+000;314	118	120	23
315	118+000;315	118	120	13
316	118+000;316	118	120	3
317	118+000;317	118	120	7
318	118+000;318	118	180	7
319	118+000;319	118	160	0
320	118+000;320	118	180	1
321	118+000;321	118	~~130~~ 110	1
322	118+000;322	118	120	1
323	118+000;323	118	21	11
324	118+000;325	118	50	17
325	118+000;326	118	32	0

326	118+000;327	118	70	2
327	118+000;328	118	21	23
328	118+000;329	118	70	0
329	118+000;330	118	23	3
330	118+000;331	118	33	17
331	118+000;332	118	50	103
332	118+000;333	118	60	4
333	118+000;334	118	32	7
334	118+000;335	118	70	1
335	118+000;336	118	21	29
336	118+000;337	118	70	2
337	118+000;339	118	60	3
338	118+000;340	118	60	24
339	118+000;341	118	33	2
340	118+000;342	118	50	61
341	118+000;343	118	40	48
342	118+000;344	118	33	8
343	118+000;345	118	50	1
344	118+000;346	118	21	53
345	118+000;347	118	40	8
346	118+000;348	118	70	0
347	118+000;349	118	50	1
348	118+000;350	118	33	1
349	118+000;351	118	40	1
350	118+000;352	118	21	29
351	118+000;353	118	50	0
352	118+000;354	118	33	1
353	118+000;355	118	23	2
354	118+000;356	118	50	4
355	118+000;357	118	23	16
356	118+000;358	118	180	1
357	118+000;359	118	180	45
358	118+000;360	118	180	291

edit rock type for block 321 Done

Manually change

Done

Bench : 23
Row : 45 to 110
Column: 57

Done

Bench : 30
Row : 45 to 50
Column: 80

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	100	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100
18	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	130	130
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	130	100	100	100
22	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100
23	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
25	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	110	110	110	100	100
26	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	110	110	110	100	100	100	100	100
27	100	100	100	100	100	130	130	130	130	130	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100
28	130	130	130	130	130	130	100	100	100	100	100	100	110	110	120	100	100	100	100	100	100	100	100	100	100
29	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	23	23	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	23	23	23	23	23	50	50
31	100	100	100	100	100	100	100	100	100	110	110	110	110	110	23	23	50	50	50	50	50	50	50	70	70
32	100	100	100	100	100	110	110	120	120	100	23	50	50	21	21	21	21	21	21	21	21	21	21	120	21
33	100	110	110	100	120	100	100	100	100	21	21	21	21	21	21	21	21	120	120	120	100	100	100	100	100
34	100	100	100	100	100	100	110	110	110	21	21	120	120	120	120	120	120	100	100	100	100	100	100	100	100
35	100	100	110	110	110	110	110	110	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100
36	110	110	110	110	23	50	50	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

change to 110

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	100
12	150	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	150	100	100	100
13	150	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	150	150	100	100	100	100	100
14	150	150	160	160	160	160	160	160	160	150	150	150	150	180	150	150	150	150	100	100	100	100	100	100	100
15	100	100	150	150	150	150	150	150	150	150	150	150	180	150	150	150	100	100	100	100	100	100	100	100	100
16	100	100	150	150	150	150	150	150	150	150	150	150	180	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	150	150	150	150	150	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	130	130	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100
21	100	100	100	100	180	100	100	100	180	130	130	100	100	100	100	100	100	100	110	110	110	110	110	100	100
22	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	110	110	110	110	110	110	100	100	100	100
23	100	110	110	130	100	100	100	180	100	100	100	100	110	110	110	110	110	100	100	100	100	100	100	100	120
24	110	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	120	120	120	100
25	100	100	100	100	100	100	180	110	110	110	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100
26	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	100	100	100	100	100	100	120	120
27	100	100	100	100	100	180	100	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
28	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	33	33	33	33	33	33	33	50
29	23	23	23	23	23	23	23	33	33	33	33	33	33	33	33	33	50	50	50	50	50	50	50	50	50
30	50	50	50	180	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	32	32	32	32	32	50
31	50	50	50	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	32	32	50	50	50
32	21	21	180	50	50	50	50	50	60	60	60	60	50	50	50	50	50	50	50	50	50	50	50	50	50
33	120	120	70	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	21	21	21	50	50	50
34	100	180	120	120	120	70	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	50	50	100
35	100	100	120	120	120	120	120	120	120	110	110	110	110	21	21	21	21	21	120	120	120	21	50	50	100
36	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	21	21	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10
SERIAL NO : 20000
[illegible]/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

change to 50

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180
8	180	180	180	180	160	160	160	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180
9	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180
10	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180	180
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	180
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	180	180	180	180	180	180	180
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	60	120	120	120	120	120	120	120
18	100	100	100	100	100	100	100	100	100	100	100	100	120	100	60	60	33	120	120	120	120	120	120	120	40
19	100	100	100	100	100	100	100	100	100	180	33	60	60	60	60	100	120	120	33	50	33	40	40	40	120
20	100	100	100	100	100	100	180	180	180	180	60	60	60	33	100	120	33	33	40	40	40	40	40	21	21
21	100	100	100	100	100	100	180	180	60	60	60	60	100	100	33	40	40	40	40	40	21	21	21	21	21
22	100	100	100	100	100	100	60	60	120	120	100	100	100	33	40	40	40	40	40	21	21	21	21	21	21
23	120	120	100	100	100	100	60	60	60	60	50	50	33	50	50	50	40	40	40	21	21	21	21	21	21
24	100	100	100	100	120	60	60	60	60	50	40	40	50	50	50	40	40	40	21	21	21	21	21	21	21
25	100	120	120	120	100	50	50	40	40	50	50	50	50	50	40	40	40	21	21	50	21	21	21	21	120
26	120	120	120	100	50	40	50	50	50	50	40	40	40	40	40	40	40	21	21	21	21	21	120	120	120
27	33	100	60	60	50	50	40	50	50	50	40	40	40	40	40	40	21	21	21	180	180	180	180	180	180
28	50	50	60	50	40	50	50	50	50	50	50	50	40	50	50	50	21	21	180	180	180	180	180	180	180
29	50	50	50	50	50	50	50	50	40	50	50	50	50	50	50	21	21	180	180	180	180	180	180	180	180
30	50	100	50	50	50	50	50	50	50	50	40	40	40	40	21	21	120	180	180	180	180	180	180	180	180
31	50	21	21	21	21	21	21	21	21	50	40	40	40	120	100	100	180	180	180	180	180	180	180	180	180
32	50	120	100	21	21	21	21	21	21	50	50	21	100	100	100	100	180	180	180	180	180	180	180	180	100
33	100	120	120	120	120	120	120	120	21	21	21	100	100	100	100	180	180	180	180	180	180	180	180	100	100
34	100	120	120	120	100	100	100	120	21	21	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100
35	100	120	100	100	100	100	100	100	21	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	180	180	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	180	180	180	180	180	180	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	180	180	180	180	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	180	180	180	180	180	180	100	100	100	100
8	180	180	180	180	100	100	100	100	100	100
9	180	180	180	100	100	100	100	100	100	100
10	180	180	100	100	100	100	100	100	100	100
11	180	180	100	100	100	100	100	100	100	100
[illegible]	180	180	180	100	100	100	100	100	100	100
[illegible]	180	180	180	100	100	100	100	100	100	100
14	180	180	180	180	100	100	100	100	100	100
15	120	180	180	180	100	100	100	100	100	100
16	120	120	180	180	180	180	100	100	100	100
17	120	120	180	180	180	180	180	180	100	100
18	35	120	120	180	180	180	180	180	180	100
19	120	21	21	180	180	180	180	180	180	180
20	21	21	21	180	180	180	180	180	180	180
21	21	21	21	180	180	180	180	180	180	180
22	21	21	21	180	180	180	180	180	180	180
23	21	21	180	180	180	180	180	180	180	180
24	120	120	180	180	180	180	180	180	180	180
25	120	180	180	180	180	180	180	100	100	100
26	180	180	180	180	180	180	100	100	100	100
27	180	180	180	180	180	100	100	100	100	100
28	180	180	180	180	100	100	100	100	100	100
29	180	180	180	100	100	100	100	100	100	100
30	180	180	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 45 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 46

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
359	118+035;359	118A	160	239
360	118+035;360	118A	150	75
361	118+035;361	118A	130	15
362	118+035;362	118A	110	6
363	118+035;363	118A	160	11
364	118+035;364	118A	150	24
365	118+035;365	118A	130	12
366	118+035;366	118A	110	11
367	118+035;367	118A	160	106
368	118+035;368	118A	150	24
369	118+035;369	118A	130	1
370	118+035;370	118A	120	1
371	118+035;371	118A	120	41
372	118+035;372	118A	160	68
373	118+035;373	118A	150	21
374	118+035;374	118A	130	4
375	118+035;375	118A	110	21
376	118+035;376	118A	120	85
377	118+035;377	118A	120	1
378	118+035;378	118A	100	5
379	118+035;379	118A	120	11
380	118+035;380	118A	120	17
381	118+035;381	118A	120	13
382	118+035;382	118A	110	4
383	118+035;383	118A	120	16
384	118+035;384	118A	110	1
385	118+035;385	118A	120	5
386	118+035;386	118A	23	0
387	118+035;387	118A	50	4
388	118+035;388	118A	21	10
389	118+035;389	118A	23	15
390	118+035;390	118A	21	23
391	118+035;391	118A	50	17
392	118+035;392	118A	32	0
393	118+035;393	118A	70	2
394	118+035;394	118A	70	0
395	118+035;395	118A	33	20
396	118+035;396	118A	50	77
397	118+035;397	118A	60	23

398	118+035;398	118A	32	5
399	118+035;399	118A	23	5
400	118+035;400	118A	70	0
401	118+035;401	118A	21	33
402	118+035;402	118A	70	1
403	118+035;403	118A	70	2
404	118+035;404	118A	60	5
405	118+035;405	118A	40	1
406	118+035;406	118A	33	2
407	118+035;407	118A	60	25
408	118+035;408	118A	40	68
409	118+035;409	118A	50	54
410	118+035;410	118A	21	129
411	118+035;411	118A	40	3
412	118+035;412	118A	50	2
413	118+035;413	118A	180	2
414	118+035;414	118A	180	13

change

Bench : 32
Row : 46 to 50 Done
Column: 42

Bench : 13
Row : 46 to 160 Done
Column: 56

Bench : 8
Row : 46 to 180 Done
Column: 71

Bench : 23
Row : 46 to 40 Done
Column: 91

GEOLOGICAL ROCK-TYPE MODEL

change to 50

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100
18	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	130	130	100
22	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	110	110	100	100
26	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	110	110	100	100	100	100	100
27	100	100	100	100	100	100	130	130	130	130	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100
28	100	100	130	130	130	130	100	100	100	100	100	100	100	110	100	100	100	100	100	100	100	100	100	100	100
29	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23	50	50	50
31	100	100	100	100	100	100	100	100	100	110	110	100	100	100	23	23	50	50	50	50	21	21	21	21	50
32	100	100	100	100	100	110	110	100	100	100	100	50	50	100	21	21	21	21	21	21	21	21	21	120	21
33	100	100	110	110	100	100	100	100	100	100	21	21	21	21	21	21	120	120	120	120	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	21	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	23	23	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	23	23	50	50	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

change to 160

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987   change to 180

SECTION ALONG ROW : 46   FROM COLUMN [54] TO COLUMN [78]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160
11	160	180	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	150	150	150
12	150	150	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100
13	150	150	100	160	160	160	160	160	160	160	160	160	160	180	160	160	160	150	150	150	150	100	100	100	100
14	150	150	150	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
15	100	100	100	160	150	150	150	150	150	150	150	150	180	150	150	150	100	100	100	100	100	100	100	100	100
16	100	100	100	100	150	150	150	150	150	150	150	150	180	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	150	150	150	150	150	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	130	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	130	130	130	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	110	110	100
21	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	110	110	110	110	100	100	100
22	100	100	100	100	180	100	130	100	180	100	100	100	100	100	100	110	110	110	110	110	100	100	100	100	100
23	100	100	110	110	110	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100
24	110	100	100	180	100	100	100	180	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100
26	100	100	100	100	100	100	180	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	120	120
27	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100	120	120	120	120	120
28	100	100	100	100	100	180	120	120	120	120	120	120	120	120	120	120	120	120	33	33	33	33	33	33	50
29	23	23	23	23	23	33	33	33	33	33	33	33	33	33	33	33	50	60	60	60	60	60	60	60	50
30	50	50	50	50	70	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	32	120	120	120	50
31	50	50	50	180	50	50	50	50	50	50	50	60	60	60	60	60	60	32	32	32	32	120	120	50	50
32	21	70	70	70	50	50	50	50	50	60	60	60	60	50	50	50	50	50	50	50	50	50	50	50	50
33	120	120	180	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	120	120	120	70	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50
35	100	180	100	120	120	120	120	110	110	110	110	21	21	21	21	21	21	21	21	21	21	50	50	50	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	50	50	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

change to 40

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	60	120	120	120	120	120	120	120
18	100	100	100	100	100	100	100	100	100	100	100	100	120	60	60	60	120	120	120	120	100	100	100	40	40
19	100	100	100	100	100	100	100	100	120	120	33	60	60	60	100	120	120	100	100	40	40	40	40	40	40
20	100	100	100	100	100	100	100	100	33	60	60	60	60	100	100	100	100	40	40	40	40	40	40	40	120
21	100	100	100	100	100	100	100	60	60	60	60	60	120	100	100	40	40	40	40	40	40	120	120	120	120
22	100	100	100	100	100	100	100	60	60	60	60	60	40	40	40	40	40	40	40	21	21	21	21	21	21
23	100	100	100	100	100	100	60	60	60	40	40	40	100	50	50	40	40	40	40	21	21	21	21	21	21
24	100	100	100	100	100	100	40	40	40	40	50	50	50	50	50	40	40	40	21	21	21	21	21	21	21
25	120	120	120	120	120	40	40	50	50	50	50	50	50	40	40	40	40	40	21	21	21	50	21	21	21
26	120	120	120	120	33	50	50	50	50	50	50	40	40	40	40	40	40	40	21	50	21	21	21	21	21
27	33	33	60	60	50	50	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
28	50	50	60	50	50	50	50	50	50	50	50	50	50	50	50	50	21	21	21	21	21	21	21	21	120
29	50	50	60	50	50	50	50	50	50	50	50	50	50	50	50	21	21	21	21	21	21	21	21	120	120
30	50	60	50	50	50	21	21	21	21	50	40	40	40	21	21	21	21	21	21	21	21	120	120	100	100
31	50	40	21	21	21	21	21	21	21	50	50	21	21	21	21	21	21	21	21	21	120	120	100	100	100
32	50	21	21	21	120	120	120	21	21	21	21	21	100	100	100	21	21	21	120	120	120	120	100	100	100
33	120	120	120	120	120	120	120	120	21	21	100	100	100	100	100	21	21	21	21	21	120	120	100	100	100
34	120	120	120	100	100	100	100	120	120	100	100	100	100	100	100	21	21	21	21	21	120	120	100	100	100
35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro FB701 Geological Reserve Model MODULE 3.09
[illegible] 1987

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	120	100	100	100	100	100	100	100	100	100
17	120	120	100	100	100	100	100	100	100	100
18	120	120	120	100	100	100	100	100	100	100
19	40	40	120	120	120	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	21	21	21	21	120	120	100	100	100
22	21	21	21	21	21	21	100	100	100	100
23	21	21	21	21	120	100	100	100	100	100
24	21	21	21	120	100	100	100	100	100	100
25	21	21	120	120	100	100	100	100	100	100
26	21	120	120	100	100	100	100	100	100	100
27	120	120	100	100	100	100	100	100	100	100
28	120	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 46 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 47

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
415	118+070;415	118B	160	245
416	118+070;416	118B	150	74
417	118+070;417	118B	130	17
418	118+070;418	118B	110	9
419	118+070;419	118B	160	13
420	118+070;420	118B	150	25
421	118+070;421	118B	130	14
422	118+070;422	118B	110	14
423	118+070;423	118B	120	0
424	118+070;424	118B	110	1
425	118+070;425	118B	110	4
426	118+070;426	118B	120	0
427	118+070;427	118B	160	94
428	118+070;428	118B	150	22
429	118+070;429	118B	130	1
430	118+070;430	118B	160	70
431	118+070;431	118B	150	26
432	118+070;432	118B	130	2
433	118+070;433	118B	110	18
434	118+070;434	118B	120	33
435	118+070;435	118B	120	7
436	118+070;436	118B	120	79
437	118+070;437	118B	100	5
438	118+070;438	118B	120	8
439	118+070;439	118B	120	12
440	118+070;440	118B	110	1
441	118+070;441	118B	120	19
442	118+070;442	118B	120	15
443	118+070;443	118B	23	5
444	118+070;444	118B	50	5
445	118+070;445	118B	21	11
446	118+070;446	118B	23	11
447	118+070;447	118B	33	0
448	118+070;448	118B	50	21
449	118+070;449	118B	32	0
450	118+070;450	118B	70	3
451	118+070;451	118B	21	22
452	118+070;452	118B	21	0

454	118+070;454	118B	33	11
455	118+070;455	118B	60	62
456	118+070;456	118B	22	4
457	118+070;457	118B	70	0
458	118+070;458	118B	40	2
459	118+070;459	118B	80	1
460	118+070;460	118B	70	1
461	118+070;461	118B	21	29
462	118+070;462	118B	33	3
463	118+070;463	118B	80	1
464	118+070;464	118B	60	14
465	118+070;465	118B	40	60
466	118+070;466	118B	33	13
467	118+070;467	118B	60	1
468	118+070;468	118B	60	1
469	118+070;469	118B	21	131
470	118+070;470	118B	50	55
471	118+070;471	118B	50	1
472	118+070;472	118B	50	70
473	118+070;473	118B	180	2
474	118+070;474	118B	180	12
***	118+070;1685	118B	120	7

manually edit blocks —

bench: 12
row: 47 to 150
col: 53

bench: 31
row: 47 to 180
col: 58

bench 29
row 47 to 120
col 64

bench 28
row 47 to 33
col 78

bench 20
row 47 to 40
col 103

bench 19
row 47 to 33
col 105

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
[illegible]/1987 PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	
17	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100	
18	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	
21	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	130	130	
22	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	
26	100	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	110	110	100	100	100	100	
27	100	100	100	100	100	100	130	130	130	130	130	100	100	100	100	110	110	110	100	100	100	100	100	100	100	
28	100	100	130	130	130	130	130	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	
29	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23	
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50	50	
31	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	23	23	50	50	50	50	21	21	21	50	
32	100	100	100	100	100	100	110	110	110	100	100	23	50	50	50	21	21	21	21	21	21	21	21	21	21	
33	100	100	110	110	110	100	100	100	100	100	100	21	21	21	21	21	120	120	120	100	100	100	100	100	100	
34	110	100	100	100	100	100	100	100	100	100	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	
35	100	100	100	100	100	100	100	23	23	50	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
36	100	100	100	23	23	50	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
37	23	50	50	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
[illegible]	21	21	21	21	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
39	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
[illegible]/1987 | | PAGE 2

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160	
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160	160	
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	150	150	150	150	
[illegible]	150	150	150	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100	
[illegible]	150	150	150	150	160	160	160	160	160	160	160	160	160	180	160	160	160	150	150	150	150	150	100	100	100	
14	150	150	150	150	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	100	100	100	100	100	
15	100	100	100	100	100	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	
16	100	100	100	100	100	150	150	150	150	150	150	150	180	100	100	100	100	100	100	100	100	100	100	100	100	
17	100	100	100	100	100	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
18	100	100	100	100	100	100	150	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	
19	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
20	130	130	130	100	100	100	100	100	100	100	180	100	100	130	100	100	100	100	100	100	100	100	110	110	100	
21	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	110	110	110	110	100	100	100	
22	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	
23	100	100	100	110	110	110	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	
24	110	110	110	100	180	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	
25	100	100	100	100	100	100	100	180	100	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	
27	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	
28	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	100	100	120	120	120	120	33	100	33
29	23	110	110	110	110	180	120	120	120	120	100	33	33	33	33	33	33	33	60	60	60	60	60	60	60	
30	50	50	50	50	180 70	50	50	50	50	50	120 50	50	60	60	60	60	60	60	60	60	60	60	60	120	60	
31	50	50	50	50	100	50	50	50	50	50	60	60	60	60	60	60	60	60	22	120	120	120	120	60	50	
32	21	70	50	70	50	50	50	50	50	60	60	60	60	60	60	60	60	22	22	22	120	120	60	50	50	
33	120	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	50	50	50	50	
34	100	120	120	70	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
35	100	100	100	120	120	110	21	21	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	100	
36	100	100	100	100	100	120	120	120	120	120	120	120	120	120	100	120	120	120	21	50	50	50	50	50	100	
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	21	100	100	
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	100	100	100	
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	100	100	100	100	
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
7	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
8	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
9	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
10	160	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	
18	100	100	100	100	100	100	100	100	100	100	100	100	120	33	60	60	120	120	120	33	33	33	33	33	120	
19	100	100	100	100	100	100	100	100	100	100	120	33	60	60	100	120	120	33	60	33	33	40	40	40	40	
20	100	100	100	100	100	100	100	100	120	33	60	60	60	100	100	100	33	60	40	40	40	40	40	40	100	40
21	100	100	100	100	100	100	100	100	80	60	60	60	100	100	33	33	40	40	40	40	40	120	120	120	120	
22	100	100	100	100	100	100	100	60	60	60	60	40	40	40	40	40	40	40	40	40	40	21	21	21	21	
23	100	100	100	100	100	100	100	40	40	40	40	40	50	50	50	50	21	21	21	21	21	21	21	21	21	
24	100	100	100	100	100	100	40	40	40	50	50	50	50	50	50	40	40	40	40	21	21	21	21	21	21	
25	120	120	120	120	100	100	50	50	50	50	50	50	50	50	40	40	40	21	21	21	21	21	21	21	21	
26	120	120	120	120	33	50	50	50	50	50	50	50	40	40	40	40	40	40	21	21	21	50	21	21	21	
27	120	33	60	80	60	50	50	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	
28	60	60	60	60	50	50	50	50	50	50	50	50	40	50	50	40	40	21	21	21	21	21	21	21	120	
29	60	60	50	50	50	50	50	50	21	50	50	50	50	50	50	21	21	21	21	21	21	21	21	120	120	
30	60	40	40	50	21	21	21	21	21	50	50	21	21	21	21	21	21	21	21	21	21	21	120	120	100	
31	50	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	120	120	100	100	100	
32	50	50	21	21	21	120	120	120	21	21	21	21	21	21	21	21	21	21	120	120	120	120	100	100	100	
33	50	21	120	120	120	120	120	120	120	21	120	100	100	100	100	21	21	120	120	120	120	120	100	100	100	
34	120	120	100	100	100	100	100	120	120	100	100	100	100	100	100	21	21	21	21	21	21	120	100	100	100	
35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	100	100	100	100	100	100	100	100	
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	120	120	100	100	100	100	100	100	100	100
19	40	33 100	120	120	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	120	21	100	100	100	100
23	21	21	21	21	21	100	100	100	100	100
24	21	21	21	120	100	100	100	100	100	100
25	21	21	120	120	100	100	100	100	100	100
26	21	120	120	120	100	100	100	100	100	100
27	120	120	100	100	100	100	100	100	100	100
28	120	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 47 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 48

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
475	118+105;475	118C	160	251
476	118+105;476	118C	150	72
477	118+105;477	118C	130	15
478	118+105;478	118C	110	6
479	118+105;479	118C	160	17
480	118+105;480	118C	150	25
481	118+105;481	118C	130	14
482	118+105;482	118C	110	12
483	118+105;483	118C	120	2
484	118+105;484	118C	110	2
485	118+105;485	118C	160	100
486	118+105;486	118C	150	22
487	118+105;487	118C	130	1
488	118+105;488	118C	130	2
489	118+105;489	118C	110	5
490	118+105;490	118C	120	20
491	118+105;491	118C	110	2
492	118+105;492	118C	160	53
493	118+105;493	118C	150	32
494	118+105;494	118C	110	15
495	118+105;495	118C	120	5
496	118+105;496	118C	120	110
497	118+105;497	118C	120	9
498	118+105;498	118C	120	8
499	118+105;499	118C	110	0
500	118+105;500	118C	120	18
501	118+105;501	118C	110	2
502	118+105;502	118C	23	7
503	118+105;503	118C	50	5
504	118+105;504	118C	21	10
505	118+105;505	118C	23	12
506	118+105;506	118C	50	22
507	118+105;507	118C	21	22
508	118+105;508	118C	70	3
509	118+105;509	118C	70	2
510	118+105;510	118C	33	12
511	118+105;511	118C	60	66
512	118+105;512	118C	50	72
513	118+105;513	118C	[illegible]	[illegible]

514	118+105;514	118C	22	4
515	118+105;515	118C	32	4
516	118+105;516	118C	70	0
517	118+105;517	118C	40	4
518	118+105;518	118C	80	3
519	118+105;519	118C	33	9
520	118+105;520	118C	80	1
521	118+105;521	118C	50	6
522	118+105;522	118C	40	78
523	118+105;523	118C	50	30
524	118+105;524	118C	21	141
525	118+105;525	118C	50	2
526	118+105;526	118C	180	4
527	118+105;527	118C	180	18
***	118+105;1686	118C	120	5
***	118+105;1687	118C	60	7
***	118+105;1688	118C	120	30
***	118+105;1689	118C	120	8
***	118+105;1690	118C	120	26
***	118+105;1691	118C	120	31

manually edit blocks

bench 12
row 48 to 150
col 54

bench 22
row 48 to 120
col 99

bench 33
row 48 to 120
col 95

bench 21
rows 48 to 120
col 107

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	100	100	100
17	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100
18	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130
22	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	110	110	100	100	100	100
27	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	110	110	100	100	100	100	100	100	100
28	100	100	100	100	130	130	130	130	100	100	100	100	100	100	110	100	100	100	100	120	100	100	100	100	100
29	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	23	23	23	23
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50
31	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100	23	23	23	50	50	50	21	21	21	50
32	100	100	100	100	100	100	100	110	110	100	100	100	23	50	50	50	21	21	21	21	21	21	21	21	21
33	100	100	100	110	110	100	100	100	100	100	100	21	21	21	21	21	21	120	120	100	100	100	100	100	100
34	110	100	100	100	100	100	100	100	100	100	23	120	120	120	100	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	23	23	23	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	23	23	50	50	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 150	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	150	150	150	150
[illegible]	100	150	150	150	150	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
13	150	150	150	150	150	160	160	160	160	160	160	160	160	160	160	180	150	150	150	150	150	150	150	100	100
14	150	150	150	150	100	100	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100
15	150	100	100	100	100	100	160	150	150	150	150	150	150	150	180	150	150	150	150	100	100	100	100	100	100
16	100	100	100	100	100	100	100	150	150	150	150	150	150	180	150	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	150	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	130	130	130	100	100	100	100	100	100	100	180	130	130	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100
22	100	100	100	100	100	100	180	110	110	100	180	100	100	100	100	100	110	110	110	110	110	100	100	100	100
23	100	100	100	100	110	110	100	100	100	180	100	100	110	110	110	110	110	100	100	100	100	100	100	100	100
24	100	110	110	100	100	180	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	180	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120
27	100	100	100	180	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	33	60
29	23	110	110	110	110	110	180	100	100	100	110	110	33	33	33	33	33	33	33	33	33	60	60	60	60
30	50	50	50	50	50	70	70	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	120	60
31	50	50	50	50	70	180	50	50	50	60	60	60	60	60	60	60	60	22	22	32	32	120	120	60	60
32	21	70	50	50	180	50	50	50	50	50	60	60	60	60	60	60	22	22	32	32	120	120	60	50	50
33	120	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	50	50	50
34	100	120	120	180	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	120	120	110	110	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50
36	100	100	180	100	100	100	120	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	50	50	50	50	21	21	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	120	120	120	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
1987

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
7	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
8	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
9	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
10	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
11	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	100	100	100	
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	100	
18	100	100	100	100	100	100	100	100	100	100	100	120	33	33	60	60	120	120	120	120	120	120	120	120	120	
19	100	100	100	100	100	100	100	100	100	80	60	60	60	33	120	120	120	120	33	33	40	40	40	40	40	
20	100	100	100	100	100	100	100	100	100	60	60	33	120	120	120	33	33	40	40	40	40	40	40	40	120	
21	100	100	100	100	100	100	100	100	50	50	50	50	50	33	40	40	40	40	40	40	40	120	120	120	120	120
22	100	100	100	100	100	100	100	100	50	40	40	40	40	40	40	40	40	40	40	120	100	21	21	21	21	
23	100	100	100	100	100	100	100	40	40	40	40	40	40	50	50	40	40	40	40	21	21	21	21	21	21	
24	120	120	100	100	100	100	100	40	40	50	50	50	50	50	40	40	40	40	21	21	21	21	21	21	21	
25	120	120	120	120	100	80	50	50	50	50	50	50	40	40	40	40	40	40	21	21	21	21	21	21	21	
26	120	120	120	33	80	60	50	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	
27	120	33	60	80	60	50	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	50	21	21	
28	60	60	60	50	50	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	50	21	21	21	120	
29	60	60	50	40	50	50	50	21	21	21	50	50	50	50	21	21	21	21	21	21	21	21	120	120	120	
30	60	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	120	120	120	100	
31	50	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	120	120	120	100	100	100	
32	50	50	21	120	120	120	21	21	21	21	21	21	21	21	21	21	120 21	21	120	120	120	100	100	100	100	
33	50	50	120	120	100	120	120	21	21	120	120	120	120	21	21	21	100	120	120	120	120	100	100	100	100	
34	50	100	100	100	100	100	100	120	120	120	120	120	120	21	21	21	21	21	21	21	120	100	100	100	100	
35	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	120	100	100	100	100	100	100	
36	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	120	120	120	100	100	100	100	100	100	100	
37	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	100	100	100	100	100	
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	120	100	100	100	100	100	100	100	100	100
19	40	120	120	120	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	100	21	120	120	100	100	100
22	21	21	21	21	21	21	100	100	100	100
23	21	21	21	21	120	100	100	100	100	100
24	21	21	21	120	120	100	100	100	100	100
25	21	21	21	120	100	100	100	100	100	100
26	21	21	120	100	100	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 48 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks

bench 30
row 49 to 60
col. 60

bench 10
row 49 to 160
col. 79

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 49

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

528	119+000;528	119	160	380
529	119+000;529	119	150	71
530	119+000;530	119	130	16
531	119+000;531	119	110	8
532	119+000;532	119	150	28
533	119+000;533	119	130	15
534	119+000;534	119	110	12
535	119+000;535	119	110	7
536	119+000;536	119	120	3
537	119+000;537	119	110	2
538	119+000;538	119	150	26
539	119+000;539	119	130	3
540	119+000;540	119	160	43
541	119+000;541	119	130	2
542	119+000;542	119	110	11
543	119+000;543	119	110	5
544	119+000;544	119	120	22
545	119+000;545	119	120	2
546	119+000;546	119	100	7
547	119+000;547	119	100	3
548	119+000;548	119	120	110
549	119+000;549	119	120	6
550	119+000;550	119	120	7
551	119+000;551	119	110	3
552	119+000;552	119	110	4
553	119+000;553	119	120	15
554	119+000;554	119	150	33
555	119+000;555	119	50	6
556	119+000;556	119	21	9
557	119+000;557	119	23	11
558	119+000;558	119	50	25
559	119+000;559	119	70	0
560	119+000;560	119	60	1
561	119+000;561	119	21	4
562	119+000;562	119	70	4
563	119+000;563	119	21	10
564	119+000;564	119	70	2
565	119+000;565	119	33	6
566	119+000;566	119	60	63
567	119+000;567	119	50	72
568	119+000;568	119	21	23
569	119+000;569	119	22	7
570	119+000;570	119	32	5
571	119+000;571	119	70	2
572	119+000;572	119	80	5
573	119+000;573	119	40	7
574	119+000;574	119	30	6
575	119+000;575	119	60	7
576	119+000;576	119	50	6
577	119+000;577	119	33	6
578	119+000;578	119	40	75
579	119+000;579	119	50	25
580	119+000;580	119	21	152
581	119+000;581	119	50	4
582	119+000;582	119	70	0
583	119+000;583	119	23	8
584	119+000;584	119	33	1
585	119+000;585	119	180	2
586	119+000;586	119	180	15
***	119+000;1692	119	100	7
***	119+000;1693	119	100	3

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 49 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

5 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
14 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
15 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100
17 ¦	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100
18 ¦	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
19 ¦	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
20 ¦	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
21 ¦	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130
22 ¦	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100
23 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100
24 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	110	110	100	100	100
27 ¦	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	100	110	110	100	100	100	100	100	100
28 ¦	100	100	100	100	100	130	130	130	130	100	100	100	100	100	100	110	100	100	120	120	100	100	100	100	100
29 ¦	100	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	23	23	23
30 ¦	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50
31 ¦	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	23	23	23	50	50	21	21	21	50
32 ¦	100	100	100	100	100	100	100	110	110	100	100	100	23	23	50	50	50	70	70	70	70	21	21	21	21
33 ¦	100	100	100	110	110	100	100	100	100	100	100	100	21	21	21	21	120	120	100	100	100	100	100	100	120
34 ¦	110	110	100	100	100	100	100	100	100	100	23	120	120	100	100	100	100	100	100	100	100	100	100	100	100
35 ¦	100	100	100	100	100	100	23	23	23	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36 ¦	100	100	23	23	23	50	50	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37 ¦	23	50	50	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39 ¦	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

S[illegible]N ALONG ROW : 49 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
[illegible]	160	160	150	150	150	150	160	160	160	160	160	160	160	160	160	160	160	180	150	150	150	150	150	150	150
13	150	150	150	150	150	150	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	100
14	150	150	150	150	150	100	100	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	100	100	100
15	150	150	100	100	100	100	100	160	150	150	150	150	150	150	150	180	150	150	150	150	150	100	100	100	100
16	100	100	100	100	100	100	100	100	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	150	150	150	150	150	100	180	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	130	130	130	100	100	100	100	100	180	100	100	130	130	100	100	100	100	100	100	100
20	100	100	130	130	130	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100
21	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	180	110	110	100	180	100	100	100	100	100	100	100	110	110	110	110	100	100
23	100	100	100	100	100	110	110	100	100	100	100	110	110	110	110	110	110	110	100	100	100	100	100	100	100
24	100	110	110	110	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120
27	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	70
29	110	110	110	110	110	110	60 110	180	100	100	110	110	110	110	110	100	33	33	33	33	33	33	60	60	100
30	50	50	50	50	33	60	100	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	100	100	60
31	50	50	50	50	50	50	70	50	50	60	60	60	60	60	60	60	22	22	22	22	60	32	100	100	60
32	21	50	50	50	50	180	50	50	50	50	50	50	60	60	22	22	22	32	32	32	32	100	100	50	50
33	110	21	21	50	50	70	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	50	50	50
34	100	120	110	110	180	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	120	110	110	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50
36	100	100	100	180	100	120	120	110	110	120	120	120	120	120	21	21	50	50	50	50	50	50	50	50	21
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	50	50	21	21	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	120	120	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

S[illegible]ON ALONG ROW : 49 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	160	160	160	160	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	160 100	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	30	30	30	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	30	30	30	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	120	60	60	60	33	33	120	120	120	120	120	100	100	100
19	100	100	100	100	100	100	100	100	100	100	60	60	60	33	100	100	100	120	120	120	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	60	33	120	120	33	33	50	50	50	40	40	40	40	40	40	40
21	100	100	100	100	100	100	100	100	100	50	50	50	40	40	40	40	40	40	40	40	40	120	120	120	120
22	100	100	100	100	100	100	100	100	40	40	40	40	40	40	40	40	40	40	120	120	120	120	21	21	21
23	100	120	100	100	100	100	100	120	40	40	40	40	40	40	50	40	40	40	40	21	21	21	21	21	21
24	120	120	120	100	100	100	120	40	40	40	50	50	50	50	40	40	40	40	21	21	21	21	21	21	21
25	120	120	120	120	100	80	60	50	50	50	50	50	40	40	40	40	40	40	21	21	21	21	21	21	21
26	120	120	120	80	80	60	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
27	120	60	60	80	50	50	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
28	70	60	80	50	40	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	50	21	120
29	60	60	40	40	40	50	50	21	21	50	50	50	50	50	50	21	21	21	21	50	50	120	120	120	120
30	60	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	21	21	50	21	120	120	120	100	100
31	50	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	120	120	100	100	100	100
32	50	50	50	100	100	21	21	21	120	120	21	21	21	21	21	21	21	21	120	100	100	100	100	100	100
33	50	50	100	100	21	21	21	120	120	120	21	21	21	21	21	21	21	120	120	120	100	100	100	100	100
34	50	100	100	100	21	120	100	100	100	120	21	21	21	21	21	21	21	21	21	120	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	21	21	120	120	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	120	120	21	21	120	120	21	21	120	120	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	120	120	21	120	120	120	21	120	120	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

S[illegible]N ALONG ROW : 49 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100

4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	120	100	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	21	21	100	100	100	100
23	21	21	21	21	21	100	100	100	100	100
24	21	21	21	120	100	100	100	100	100	100
25	21	21	21	21	100	100	100	100	100	100
26	21	21	120	100	100	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 49 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 49 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

S[illegible]N ALONG ROW : 49 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 49 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 50

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
587	119+035;587	119A	160	257
588	119+035;588	119A	150	70
589	119+035;589	119A	130	16
590	119+035;590	119A	110	8
591	119+035;591	119A	160	26
592	119+035;592	119A	150	36
593	119+035;593	119A	130	12
594	119+035;594	119A	110	14
595	119+035;595	119A	120	3
596	119+035;596	119A	110	4
597	119+035;597	119A	160	92
598	119+035;598	119A	150	19
599	119+035;599	119A	130	1
600	119+035;600	119A	160	47
601	119+035;601	119A	150	30
602	119+035;602	119A	130	4
603	119+035;603	119A	110	10
604	119+035;604	119A	120	19
605	119+035;605	119A	120	1
606	119+035;606	119A	120	0
607	119+035;607	119A	120	109
608	119!035;608	119A	120	8
609	119+035;609	119A	120	7
610	119+035;610	119A	120	6
611	119+035;611	119A	110	1
612	119+035;612	119A	110	3
613	119+035;613	119A	120	19
614	119+035;614	119A	110	1
615	119+035;615	119A	33	2
616	119+035;616	119A	60	4
617	119+035;617	119A	50	19
618	119+105;618	119A	21	16
619	119+035;619	119A	33	7
620	119+035;620	119A	70	1
621	119+035;621	119A	60	62
622	119+035;622	119A	70	2
623	119+035;623	119A	50	80
624	119+035;624	119A	21	27
625	119+035;625	119A	22	2

627	119+035;627	119A	70	0
628	119+035;628	119A	40	2
629	119+035;629	119A	80	5
630	119+035;630	119A	40	9
631	119+035;631	119A	50	2
632	119+035;632	119A	50	1
633	119+035;633	119A	60	0
634	119+035;634	119A	33	4
635	119+035;635	119A	50	5
636	119+035;636	119A	40	74
637	119+035;637	119A	50	22
638	119+035;638	119A	33	0
639	119+035;639	119A	21	138
640	119+035;640	119A	50	4
641	119+035;641	119A	23	9
642	119+035;642	119A	23	10
643	119+035;643	119A	50	6
644	119+035;644	119A	21	9
645	119+035;645	119A	190	57
646	119+035;646	119A	180	17
***	119+035;1694	119A	120	8

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
1987 | PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50   FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100
18	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130
22	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	110	110	100	100	100
27	100	100	100	100	100	100	100	100	100	130	130	130	130	100	100	100	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	130	130	130	130	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100
29	100	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23	23
31	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	23	23	23	50	50	50	50	50
32	100	100	100	100	100	100	100	110	110	100	100	100	100	100	23	50	50	21	21	21	21	21	21	21	21
33	100	100	100	110	110	100	100	100	100	100	100	100	100	21	21	21	21	120	120	100	100	100	100	100	100
34	110	110	100	100	100	100	100	100	100	100	100	23	23	120	120	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	23	23	23	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	23	23	23	50	50	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	23	50	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160
8	160	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
11	160	160	160	160	160	160	150	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
12	160	160	150	150	150	150	150	160	160	160	160	160	160	160	160	160	160	180	160	160	150	150	150	150	150
	150	150	150	150	150	150	150	150	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100
14	150	150	150	150	150	150	150	100	160	160	160	160	160	150	150	150	150	150	150	150	150	150	100	100	100
15	150	150	150	100	100	100	100	100	100	160	150	150	150	150	150	180	150	150	150	150	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	150	150	150	150	180	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	130	130	100	100	100	100	100	180	130	130	130	130	100	100	100	100	100	100	100
20	100	100	130	130	100	100	100	100	100	100	100	130	180	100	100	100	100	100	100	100	100	100	100	100	100
21	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	110	110	180	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	110	110	110	100	100	100	100	100	100	110	110	110	110	110	110	110	100	100	100	100
24	100	100	110	110	100	100	100	100	100	100	180	100	110	110	110	100	100	100	100	100	100	100	100	100	100
25	110	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120
27	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	33
29	100	100	100	110	110	110	110	180	100	100	100	100	110	33	33	33	33	33	33	60	60	60	60	60	120
30	33	33	50	60	60	60	60	60	60	60	70	60	60	60	60	60	60	60	60	60	60	60	120	120	60
31	50	50	50	50	50	50	70	50	50	60	60	60	60	60	22	22	32	32	32	32	120	120	120	60	60
32	21	50	50	50	50	180	50	50	50	50	50	50	50	60	60	60	60	60	32	32	120	120	60	50	50
33	120	21	21	21	50	70	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	50	50	50	50
34	100	100	120	110	180	21	50	50	50	50	50	50	50	50	50	50	50	50	50	40	50	50	50	50	50
35	100	100	100	100	120	110	110	21	21	21	21	21	21	21	21	21	21	50	50	50	40	50	50	50	50
36	100	100	100	180	100	100	120	110	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	50	21
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	50	50	50	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	120	120
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
8	160	160	160	160	160	160	160	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
9	160	160	160	160	150	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100
10	160	150	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100	100
11	150	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	120	120	120	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	120	120	120	120	120	120	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	190	190	190	33	33	120	120	120	120	120	120	120	100	100
19	100	100	100	100	100	100	100	100	100	100	100	190	190	50	120	120	33	33	40	40	40	40	120	120	120
20	100	100	100	100	100	100	100	100	100	100	190	190	50	50	50	40	40	40	40	40	40	40	40	40	120
21	100	100	100	100	100	100	100	100	100	50	190	50	40	40	40	40	40	40	40	40	40	120	120	120	120
22	100	100	100	100	100	100	100	100	100	40	40	40	40	40	40	40	40	40	120	120	120	120	21	21	21
23	100	100	100	120	100	100	100	100	40	40	40	40	50	50	50	40	40	40	40	21	21	21	21	21	21
24	100	120	120	100	100	100	100	120	40	40	50	50	50	50	40	40	40	40	21	21	21	21	21	21	21
25	120	120	120	100	100	80	60	50	50	50	50	50	40	40	40	40	40	21	21	21	21	21	21	21	21
26	120	120	120	80	80	60	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
27	120	60	80	80	60	50	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
28	60	60	60	60	40	40	40	40	40	40	40	40	40	50	50	50	21	21	21	21	21	21	50	21	120
29	60	60	40	40	40	50	50	21	21	21	21	50	21	21	21	21	21	21	21	50	50	120	120	120	120
30	60	40	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	21	50	21	120	120	120	120	100
31	50	50	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	120	120	120	100	100	100
32	50	50	50	120	21	21	21	21	120	120	120	120	120	21	21	21	21	21	120	120	120	100	100	100	100
33	50	50	50	120	21	21	120	120	120	120	120	120	120	21	21	21	21	21	21	21	120	100	100	100	100
34	50	50	120	120	120	120	100	100	100	100	120	120	120	21	21	21	21	21	120	120	100	100	100	100	100
35	50	21	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	120	120	100	100	100	100	100	100
36	21	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	120	100	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	21	21	120	100	100	100
23	21	21	21	21	21	120	100	100	100	100
24	21	21	21	120	120	120	100	100	100	100
25	21	21	21	21	120	100	100	100	100	100
26	21	21	120	120	100	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 50 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 51

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
647	119+070;647	119B	160	258
648	119+070;648	119B	150	70
649	119+070;649	119B	130	12
650	119+070;650	119B	110	11
651	119+070;651	119B	160	31
652	119+070;652	119B	150	39
653	119+070;653	119B	130	8
654	119+070;654	119B	110	11
655	119+070;655	119B	120	1
656	119+070;656	119B	110	0
657	119+070;657	119B	160	90
658	119+070;658	119B	150	11
659	119+070;659	119B	130	0
660	119+070;660	119B	110	1
661	119+070;661	119B	110	0
662	119+070;662	119B	110	7
663	119+070;663	119B	130	2
664	119+070;664	119B	150	27
665	119+070;665	119B	160	56
666	119+070;666	119B	120	14
667	119+070;667	119B	120	5
668	119+070;668	119B	120	98
669	119+070;669	119B	120	7
670	119+070;670	119B	120	6
671	119+070;671	119B	110	1
672	119+070;672	119B	110	4
673	119+070;673	119B	120	7
674	119+070;674	119B	23	9
675	119+070;675	119B	50	6
676	119+070;676	119B	21	11
677	119+070;677	119B	23	5
678	119+070;678	119B	33	5
[illegible]	119+070;679	119B	50	17
680	119+070;680	119B	21	14
681	119+070;681	119B	60	4
682	119+070;682	119B	70	2
683	119+070;683	119B	60	51
684	119+070;684	119B	70	3
685	119+070;685	119B	50	81
686	119+070;686	119B	21	39

687	119+070;687	119B	32	[illegible]
688	119+070;688	119B	70	1
689	119+070;689	119B	33	5
690	119+070;690	119B	40	2
691	119+070;691	119B	40	10
692	119+070;692	119B	50	2
693	119+070;693	119B	80	6
[illegible]	119+070;694	119B	33	13
695	119+070;695	119B	50	3
696	119+070;696	119B	40	59
697	119+070;697	119B	50	14
698	119+070;698	119B	50	2
699	119+070;699	119B	50	8
700	119+070;700	119B	21	113
701	119+000;701	119B	33	3
702	119+070;702	119B	50	3
703	119+070;703	119B	190	65
704	119+070;704	119B	180	19

manually edit the following blocks

bench : 12
row : 51 to 150
col : 75

bench : 28
row : 51 to 120
col : 77

bench : 33
row : 51 to 50
col : 74

bench : 18
row : 51 to 190
col : 94

bench : 18
row : 51 to 120
col : 98

bench : 22
row : 51 to 120
col : 102

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro FB701 Geological Reserve Model | MODULE 3.09
1987 | | PAGE 57

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100
18	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	150	150	100	100	100	100	100
21	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	110	110	100	100
27	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100
29	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	33	33
31	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	23	23	23	50	50	50	50
32	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	23	30	50	21	21	21	21	21	21	21
33	100	100	100	110	110	110	100	100	100	100	100	100	100	100	21	21	21	120	120	120	100	100	100	100	100
34	110	110	100	100	100	100	100	100	100	100	100	100	23	23	120	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	23	23	50	50	21	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	23	23	50	50	21	21	21	100	120	100	100	100	100	100	100	100	100	100	100	100	100
37	23	23	23	50	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

150

SECTION ALONG ROW : 51 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	
9	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	
11	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	
12	160	160	160	150	150	150	150	150	160	160	160	160	160	160	160	160	160	180	160	160	160	100	150	150	150	
13	150	150	150	150	150	150	150	150	150	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	
14	150	150	150	150	150	150	150	150	100	160	160	160	160	160	160	160	180	150	150	150	150	150	100	100	100	
15	150	150	150	150	150	100	100	100	100	100	160	160	160	150	150	180	150	150	150	150	100	100	100	100	100	
16	150	150	100	100	100	100	100	100	100	100	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	
17	100	100	100	100	100	100	100	100	100	100	100	150	150	150	180	100	100	100	100	100	100	100	100	100	100	
18	100	100	100	100	100	100	100	100	100	130	130	150	100	100	100	100	100	100	100	100	100	100	100	100	100	
19	100	100	100	100	100	100	100	130	100	100	100	100	100	100	180	100	130	130	100	100	100	100	100	100	100	
20	100	100	100	100	130	100	100	100	100	100	100	100	150	100	100	100	100	100	100	100	100	100	100	100	100	
21	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
22	100	100	100	100	100	100	100	100	100	100	110	180	110	100	100	100	100	100	100	100	100	100	100	100	100	
23	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	
24	100	100	100	110	110	100	100	100	100	100	180	100	100	100	110	110	110	110	100	100	100	100	100	100	100	
25	110	110	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	
27	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	33	
29	100	100	100	100	100	100	100	180	100	100	100	100	100	100	33	33	60	60	60	60	60	60	60	60	60	
30	33	33	33	60	60	60	180	60	60	70	70	70	60	60	60	60	60	60	60	60	60	60	60	120	60	
31	50	50	50	50	50	50	70	60	60	60	60	60	60	60	32	32	32	32	32	120	120	120	120	60	60	
32	21	50	50	50	50	180	50	50	50	50	50	50	32	60	60	60	60	60	60	70	60	60	60	60	50	
33	120	21	21	21	50	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	100	50	50	50	50	50
34	100	100	120	110	180	21	50	50	50	50	50	50	50	50	50	50	50	50	50	40	50	50	50	50	50	
35	100	100	100	100	120	110	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	
36	100	100	100	180	100	100	120	110	110	110	21	21	21	21	21	21	21	21	50	50	50	40	50	50	50	
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	50	50	50	50	21	
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	21	21	
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	120	120	120	
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	190	190	190	190	190	100	100
8	160	160	160	160	160	160	160	160	150	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
9	160	160	160	160	160	150	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
10	160	160	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
11	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	120	120	120	120	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	100	33	33	33	100	120	120	120	120	100
19	100	100	100	100	100	100	100	100	100	100	100	190	190	190	33	33	50	33	33	33	40	40	120	120	120
20	100	100	100	100	100	100	100	100	100	100	190	190	190	50	50	33	33	40	40	40	40	40	40	40	33
21	100	100	100	100	100	100	100	100	100	100	190	190	40	33	40	40	40	40	40	40	33	120	120	120	120
22	100	100	100	100	120	100	100	100	100	100	190	33	40	40	40	40	40	33	120	120	120	120	120	100	21
23	100	100	100	120	100	100	100	100	100	40	40	50	50	50	40	40	40	40	40	21	21	21	21	21	21
24	100	120	100	100	100	100	100	100	100	40	50	50	50	50	40	40	40	40	21	21	21	21	21	21	21
25	120	100	100	100	100	100	100	100	50	50	50	50	50	40	40	40	40	21	21	21	21	21	21	21	21
26	120	120	120	120	80	80	60	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21
27	120	120	33	80	80	60	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21
28	33	80	80	60	40	40	50	40	40	40	40	50	50	50	50	50	50	21	21	21	21	21	50	21	120
29	60	60	40	40	40	40	50	50	21	21	21	21	21	21	21	21	21	21	21	21	50	21	120	120	120
30	60	40	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	21	50	21	120	120	120	120	100
31	60	60	50	50	50	21	21	21	21	21	21	120	120	120	120	120	21	21	21	120	120	120	120	100	100
32	50	50	50	50	21	21	21	21	120	120	120	120	120	120	120	120	21	21	120	21	120	120	100	100	100
33	50	50	50	50	120	120	120	120	120	120	120	120	120	120	120	120	21	21	120	120	100	100	100	100	100
34	50	50	50	120	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100
35	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

190

120

120

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	120	100	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	21	21	120	100	100	100
23	21	21	21	21	21	120	120	100	100	100
24	21	21	21	120	120	120	100	100	100	100
25	21	21	21	21	21	120	100	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 2/ 4/1987

SECTION ALONG ROW : 51 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 52

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
705	119+105;705	119C	160	254
706	119+105;706	119C	150	71
707	119+105;707	119C	130	9
708	119+105;708	119C	110	6
709	119+105;709	119C	160	35
710	119+105;710	119C	150	42
711	119+105;711	119C	130	7
712	119+105;712	119C	110	9
713	119+105;713	119C	120	0
714	119+105;714	119C	110	0
715	119+105;715	119C	120	0
716	119+105;716	119C	110	2
717	119+105;717	119C	160	77
718	119+105;718	119C	150	6
719	119+105;719	119C	160	63
720	119+105;720	119C	150	24
721	119+105;721	119C	130	3
722	119+105;722	119C	110	4
723	119+105;723	119C	110	2
724	119+105;724	119C	120	3
725	119+105;725	119C	120	4
726	119+105;726	119C	120	4
727	119+~~070~~;727 105	119C	120	11
728	119+~~070~~;728 105	119C	120	98
729	119+~~070~~;729 105	119C	120	9
730	119+105;730	119C	120	23
731	119+105;731	119C	110	1
732	119+105;732	119C	110	0
733	119+105;733	119C	50	5
734	119+105;734	119C	21	10
735	119+105;735	119C	23	2
736	119+105;736	119C	33	7
737	119+105;737	119C	50	13
738	119+105;738	119C	21	60
739	119+105;739	119C	60	4
740	119+105;740	119C	70	2
741	119+105;741	119C	60	50
742	119+~~035~~;742 105	119C	50	86
743	119+105;743	119C	70	5

745	119+105;745	119C	33	4
746	119+105;746	119C	23	9
747	119+105;747	119C	70	0
748	119+105;748	119C	40	4
749	119+105;749	119C	70	0
750	119+105;750	119C	33	7
751	119+105;751	119C	80	5
752	119+105;752	119C	40	16
753	119+105;753	119C	50	1
754	119+105;754	119C	32	0
755	119+105;755	119C	40	0
756	119+105;756	119C	33	9
757	119+105;757	119C	50	1
758	119+105;758	119C	33	3
759	119+105;759	119C	40	51
760	119+105;760	119C	50	24
761	119+105;761	119C	21	107
762	119+105;762	119C	50	4
763	119+105;763	119C	190	82
764	119+105;764	119C	180	16
***	119+105;1695	119C	120	4

manually edit blocks

✓ bench 36
row 52 to 23
col 36

✓ bench 35
row 52 to 23
col 40

✓ bench 27
row 52 to 21
col 104

✓ bench 24
row 52 to 21
col 107

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	100	100	150	150	150	150	150	150	150	150	100	100	100
20	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	150	150	150	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	110	110	100	100
27	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	33	33
31	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100	100	100	100	100	23	33	33	50	50	50
32	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	23	50	50	21	21	21	21	21	21
33	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	21	21	21	120	120	100	100	100	100	100
34	110	100	100	100	100	100	100	100	100	100	100	100	100	23	23	120	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	23	23	23 100	50	21	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	23	23	23 100	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100
37	100	23	23	23	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160
12	160	160	160	150	150	150	150	150	150	150	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
	150	150	150	150	150	150	150	150	150	150	160	160	160	160	160	160	180	160	160	160	150	150	150	150	100
14	150	150	150	150	150	150	150	150	100	100	100	160	160	160	160	160	160	150	150	150	150	150	100	100	100
15	150	150	150	150	150	150	100	100	100	100	100	160	160	160	150	180	150	150	150	150	100	100	100	100	100
16	150	150	150	100	100	100	100	100	100	100	100	100	150	150	150	150	150	150	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	150	150	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	130	100	100	180	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100
20	100	100	100	100	130	130	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
21	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110
22	100	100	100	100	100	100	100	100	100	100	100	180	110	110	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	110	110	110	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100
25	110	110	100	100	100	100	100	100	100	180	100	100	100	100	100	100	110	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
28	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	33	33	33	33	120	33	33	33	33
29	100	100	100	100	100	100	100	100	100	100	100	100	100	60	60	60	60	60	60	60	60	60	60	60	60
30	33	33	33	60	60	60	180	60	70	70	70	70	60	60	60	60	32	32	32	60	60	60	60	60	60
31	50	50	50	50	60	180	70	60	60	60	70	60	60	32	32	32	32	32	32	120	120	120	120	60	60
32	21	21	50	50	50	70	50	50	50	50	50	32	32	50	50	50	60	60	60	60	60	60	60	60	60
33	100	120	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	120	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	40	50	50	50	50	50
35	100	100	100	100	100	110	21	21	21	21	21	21	21	21	21	21	21	21	50	50	40	50	50	50	50
36	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21	50	50	50	40	40	50	50
37	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	50	21	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	120	120	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	100	100	100	100	190	190	190	190	190	190	100	100
8	160	160	160	160	160	160	160	160	160	150	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100
9	160	160	160	160	160	150	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100
10	160	160	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
11	150	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	120	120	120	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	33	33	120	120	120	120	120	120
19	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	50	33	33	33	33	33	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	33	33	40	40	40	40	40	40	40	33
21	110	100	100	100	100	100	120	120	100	100	100	190	190	190	40	40	40	40	40	40	33	120	120	120	120
22	100	100	120	120	120	120	100	100	100	100	190	190	190	40	40	40	33	120	120	120	120	21	21	21	21
23	100	100	120	120	100	100	100	100	100	100	190	190	50	50	40	40	40	40	40	21	21	21	21	21	21
24	100	120	120	100	100	100	100	100	100	100	190	50	50	40	40	40	40	40	21	21	21	21	21	21	21
25	120	100	100	100	100	100	100	100	100	50	50	50	50	40	40	40	40	40	40	21	21	21	21	21	21
26	100	100	100	120	80	80	60	60	50	50	50	40	40	40	40	40	40	40	40	21	21	21	21	21	21
27	120	120	80	80	80	60	60	50	50	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21
28	33	33	60	60	40	40	40	50	40	50	50	50	50	50	50	50	50	50	21	21	21	50	50	21	120
29	60	60	40	40	40	40	40	50	50	21	21	21	21	21	21	21	21	21	21	50	21	21	120	120	120
30	60	40	40	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	50	21	120	120	120	120	120
31	40	40	40	50	50	50	21	21	21	21	100	120	120	120	120	21	21	21	120	21	21	120	120	120	100
32	60	60	50	50	50	120	120	120	120	120	120	120	120	120	120	21	21	21	21	120	21	21	120	100	100
33	50	50	50	50	50	120	120	120	100	100	100	120	120	120	120	21	21	120	120	120	120	120	100	100	100
34	50	50	50	50	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100	100	100	100	100
35	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	120	100	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	21	21	120	100	100	100
23	21	21	21	21	21	120	120	100	100	100
24	21	21	21	100 21	120	120	120	100	100	100
25	21	21	21	21	21	120	120	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	21 100	120	120	100	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 52 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 53

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
765	120+000;765	120	160	355
766	120+000;766	120	150	71
767	120+000,767	120	130	9
768	120+000;768	120	110	6
769	120+000;769	120	150	48
770	120+000;770	120	110	7
771	120+000;771	120	110	7
772	120+000;772	120	120	3
773	120+000;773	120	150	2
774	120+000;774	120	110	1
775	120+000;775	120	160	75
776	120+000;776	120	110	4
777	120+000;777	120	130	8
778	120+000;778	120	110	1
779	120+000;779	120	110	4
780	120+000;780	120	120	17
781	120+000;781	120	120	0
782	120+000;782	120	120	32
783	120+000;783	120	120	67
784	120+000;784	120	120	7
785	120+000;785	120	120	18
786	120+000;786	120	120	7
787	120+000;787	120	150	20
788	120+000;788	120	50	3
789	120+000;789	120	21	13
790	120+000;790	120	23	1
791	120+000;791	120	33	6
792	120+000;793	120	21	62
794	120+000;795	120	70	7
795	120+000;796	120	32	9
796	120+000;797	120	33	2
797	120+000;798	120	70	0
798	120+000;799	120	70	2
799	120+000;800	120	32	3
800	120+000;803	120	70	1
801	120+000;804	120	33	6
802	120+000;805	120	40	22
803	120+000;806	120	50	2
804	120+000;807	120	33	4

806	120+000;809	120	50	16
807	120+000;812	120	70	1
808	120+000;813	120	23	9
809	120+000;814	120	190	94
810	120+000;815	120	180	16
***	120+000;1671	120	50	9
***	120+000;1672	120	50	84
***	120+000;1673	120	40	5
***	120+000;1674	120	70	2
***	120+000;1675	120	21	92
***	120+000;1676	120	21	12
***	123+000;1677	120	50	2
***	120+000;1694	120	60	10
***	120+000;1695	120	60	15
***	120+000;1696	120	60	13
***	120+000;1697	120	60	13
***	120+000;1696	120	80	3

manually edit blocks

bench : 29
row : 53
column: ~~70~~ 74 to 60

bench : 30
row : 53
column : 73 to 110

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100
19	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	150	150	150	150	150	150	150	100	100
20	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	150	150	150	150	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100
27	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
31	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	33	33	33	50	50
32	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	23	50	50	50	21	21	21	21
33	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	21	21	120	120	100	100	100	100
34	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100	100	23	23	23	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	23	23	50	21	21	21	21	23	100	100	100	100	100	100	100	100	100	100
37	100	100	100	23	23	50	21	21	21	120	120	100	120	21	21	100	100	100	100	100	100	100	100	100	100
[illegible]	23	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160
12	160	160	160	150	150	150	150	150	150	150	150	160	160	160	160	160	180	160	160	160	160	160	160	150	150
13	150	150	150	150	150	150	150	150	150	150	150	160	160	160	160	160	180	160	160	160	160	150	150	100	100
14	150	150	150	150	150	150	150	150	150	100	100	100	160	160	160	180	160	160	160	150	150	150	100	100	100
15	150	150	150	150	150	150	150	100	100	100	100	100	160	160	160	160	150	150	150	150	100	100	100	100	100
16	150	150	150	150	150	100	100	100	100	100	100	100	100	150	180	150	150	150	100	100	100	100	100	100	100
17	150	150	100	100	100	100	100	100	100	100	100	100	100	150	150	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	110	110
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	110	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	110	110	100	100	100	100	100	110	100	100	100	100	100	100	100	100	100	110	100	100	100
25	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	130	130	100	120
26	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	33	60	60	60	33	130	60	60	33	33
29	100	100	100	100	100	100	100	100	100	100	100	100	100	120	60	60	60	60	60	60	60 100	130	70	60	60
30	120	33	33	33	60	60	60	60	70	70	70	70	70	60	60	32	32	32	110	110 100	60	60	60	60	60
31	50	50	50	60	60	60	60	60	60	70	70	60	60	32	32	60	60	60	70	70	32	32	70	60	40
32	21	21	21	21	50	50	50	50	32	50	50	32	32	50	50	50	50	60	60	60	60	60	50	60	60
33	100	120	21	21	21	21	21	50	50	50	32	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	120	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	40	50	50	50	50	50
35	100	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	21	21	50	40	50	50	50	50
36	100	100	100	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	50	50	40	40	40	50
37	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	50	50	50	70	70	21
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	120	120	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	100	190	190	190	190	190	190	100	100
8	160	160	160	160	160	160	160	160	160	160	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100
9	160	160	160	160	160	160	150	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100
10	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
11	150	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	120	120	120	120	120	120
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	33	120	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	40	40	40	40	40	40	40	33
21	110	110	100	100	100	120	120	120	120	100	100	100	190	190	190	190	40	40	40	40	40	120	120	120	120
22	100	120	120	120	120	120	100	100	100	100	100	190	190	190	190	33	33	120	120	120	120	21	21	21	21
23	100	100	120	120	120	100	100	100	100	100	100	190	190	190	40	40	40	40	21	21	21	21	21	21	21
24	100	120	120	100	100	100	100	100	100	100	100	190	190	40	40	40	40	40	40	21	21	21	21	21	21
25	120	120	100	100	100	100	100	100	100	100	190	190	40	40	40	40	40	40	40	40	21	21	21	21	21
26	100	100	100	100	100	100	100	100	100	50	190	190	40	40	40	40	40	40	40	40	21	21	21	21	21
27	100	100	33	80	80	80	60	50	50	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21
28	33	33	60	60	40	40	40	40	50	50	50	50	50	50	50	50	50	50	21	21	21	50	21	21	120
29	33	60	40	40	40	40	40	50	50	50	50	21	21	21	21	21	21	21	21	50	21	120	120	120	120
30	60	40	40	40	40	40	40	21	21	21	21	21	21	21	21	21	21	21	21	120	120	120	120	120	120
31	40	40	40	40	40	40	21	21	21	21	120	120	120	120	120	21	21	21	21	21	21	120	120	120	100
32	60	60	60	50	50	50	120	120	120	120	120	120	120	120	120	21	21	21	21	120	21	120	21	120	100
33	50	50	50	50	50	120	120	100	100	100	100	120	120	120	120	21	120	120	120	120	21	21	120	100	100
34	50	50	50	50	50	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	21	120	120	100	100
35	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100
36	50	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	100	100	100	100	100	100
21	120	120	120	120	120	120	100	100	100	100
22	21	21	21	21	21	21	100	100	100	100
23	21	21	21	21	21	100	100	100	100	100
24	21	21	21	120	120	120	120	120	100	100
25	21	21	21	21	21	21	120	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 53   FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 54

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
811	120+035;816	120A	160	309
812	120+035;817	120A	150	69
813	120+035;818	120A	110	9
814	120+035;819	120A	150	42
815	120+035;820	120A	130	3
816	120+035;821	120A	130	1
817	120+035;822	120A	110	10
818	120+035;823	120A	150	1
819	120+035;824	120A	110	1
820	120+035;825	120A	160	62
821	120+035;826	120A	150	25
822	120+035;827	120A	120	17
823	120+035;828	120A	110	1
824	120+035;829	120A	130	3
825	120+035;830	120A	120	1
826	120+035;831	120A	120	3
827	120+035;832	120A	110	2
828	120+035;833	120A	120	3
829	120+035;834	120A	120	118
830	120+035;835	120A	120	12
831	120+035;836	120A	120	29
832	120+035;837	120A	160	55
833	120+035;838	120A	50	6
834	120+035;839	120A	21	11
835	120+035;840	120A	23	2
836	120+035;841	120A	50	107
837	120+035;842	120A	21	64
838	120+035;843	120A	60	57
839	120+035;844	120A	70	9
840	120+035;845	120A	33	4
841	120+035;846	120A	32	5
842	120+035;847	120A	70	0
843	120+035;848	120A	70	2
844	120+035;849	120A	40	7
845	120+035;850	120A	33	2
846	120+035;851	120A	33	4
847	120+035;852	120A	80	5
848	120+035;853	120A	33	0
849	120+035;854	120A	40	30
850	120+035;855	120A	33	5
851	120+035;856	120A	40	10

852	120+035;857	120A	21	97
853	120+035;858	120A	50	1
854	120+035;859	120A	40	36
855	120+035;860	120A	80	1
856	120+035;861	120A	23	10
857	120+035;862	120A	33	4
858	120+035;863	120A	190	80
859	120+035;864	120A	180	15

manually edit blocks —

bench 31
row 54 to 32
column 68

bench 28
row 54 to 70
column 73

bench 36
row 54 to 50
column 81

bench 19
row 54 to 120
column 100

PC-MINE VERSION 1.10
SERIAL NO : 20000
27/ 2/1987

GEMCOM SERVICES INC.
Faro FB701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro FB701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	150	150	150	160	160	160	160	160	180	160	160	160	160	160	150	150
13	150	150	150	150	150	150	150	150	150	150	150	150	100	160	160	160	180	160	160	160	150	150	150	150	100
14	150	150	150	150	150	150	150	150	150	150	100	100	100	160	160	160	160	150	150	150	150	150	100	100	100
15	150	150	150	150	150	150	150	100	100	100	100	100	100	100	160	180	150	150	150	150	100	100	100	100	100
16	150	150	150	150	100	100	100	100	100	100	100	100	100	100	150	150	150	100	100	100	100	100	100	100	100
17	150	100	100	100	100	100	100	100	100	100	100	100	130	100	180	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	130	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	110	180	110	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	110	110	110	100	180	100	100	100	100	100	100	100	100	100	120	120	120	100	100
24	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100
25	110	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	33	33	33	33	33	120	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	60	60	60	60	100	33	33	33	33	33
29	100	100	100	100	100	100	100	100	100	100	100	100	70	70	60	60	60	60	60	60	60	80	60	60	60
30	33	33	33	60	60	60	60	60	70	70	70	70	70	60	60	32	32	32	110	110	60	60	60	60	60
31	50	50	50	50	50	60	60	60	60	70	70	60	60	32	100	60	60	70	70	60	60	60	60	60	40
32	21	21	21	50	50	50	50	50	50	50	50	32	50	50	50	50	60	60	60	60	60	60	60	50	50
33	100	120	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	120	21	21	21	21	50	50	50	50	50	50	50	50	40	40	40	40	50	50	50	50	50
35	100	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	21	50	50	40	50	50	50	50
36	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21	21	50	50	40	40	50	50
37	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	50	21	21	21
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	120	120	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10
SERIAL NO : 20000
27/ 2/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

120+035

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100
19	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	150	150	150	150	150	150	100	100	100
20	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	150	150	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	23	23	33	50	50	50
32	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	50	50	21	21	21	21	21	21
33	110	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	21	21	120	120	120	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100	23	23	50	50	21	21	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	23	23	23	50	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100
36	100	100	100	23	23	50	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	50	50	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

120

SECTION ALONG ROW : 54 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	150	100	100	100	190	190	190	190	190	190	100	100
8	160	160	160	160	160	160	160	160	160	150	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
9	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100
10	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
11	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	120	120	120	120	120	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	33	33	33	100	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	40	40	40	40	40	40	33	120
21	100	100	100	100	100	120	120	120	100	100	100	100	100	190	190	190	40	40	40	40	33	120	120	120	120
22	120	120	120	120	120	120	100	100	100	100	100	100	100	190	190	190	120	120	120	21	21	21	21	21	21
23	100	100	120	120	100	100	100	100	100	100	100	100	40	190	190	21	21	21	21	21	21	21	21	21	21
24	100	120	120	100	100	100	100	100	100	100	100	120	190	190	40	40	40	40	40	21	21	21	21	21	21
25	120	100	100	100	100	100	100	100	100	100	120	40	40	40	40	40	40	40	21	21	21	21	21	21	21
26	100	100	100	100	80	100	100	100	100	120	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21
27	120	120	80	80	60	60	60	60	60	60	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21
28	80	80	60	60	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	50	21	120	120	120	120
29	60	60	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	120	120	120	120	120	120	120
30	60	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21	120	21	21	21	21	120	120	120	120
31	40	40	40	50	50	50	40	40	21	21	21	120	120	120	21	21	21	21	21	120	120	120	120	120	100
32	50	50	50	50	50	50	40	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	100
33	50	50	50	50	50	40	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	100	100
34	50	50	50	40	40	40	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	100	100
35	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100
36	50	50	100	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

50

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model   CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	120	100	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	21	21	120	100	100	100
23	21	21	21	21	120	120	120	100	100	100
24	21	21	21	120	120	120	120	120	100	100
25	21	21	21	21	21	120	120	100	100	100
26	21	21	120	120	120	100	100	100	100	100
27	120	120	120	100	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro FB701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 54 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 55

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
860	120+070;865	120B	160	333
861	120+070;866	120B	150	107
862	120+070;867	120B	110	13
863	120+070;868	120B	110	13
864	120+070;869	120B	130	5
865	120+000;870	120B	110	1
866	120+000;871	120B	160	51
867	120+000;872	120B	160	58
868	120+070;873	120B	150	1
869	120+070;874	120B	150	31
870	120+070;875	120B	110	1
871	120+070;876	120B	120	25
872	120+070;877	120B	120	7
873	120+070;878	120B	110	0
874	120+070;879	120B	120	20
875	120+070;880	120B	120	124
876	120+070;881	120B	120	37
877	120+070;882	120B	130	1
878	120+070;883	120B	50	119
879	120+070;884	120B	23	12
880	120+070;885	120B	21	76
881	120+070;886	120B	33	11
882	120+070;887	120B	60	69
883	120+070;888	120B	70	13
884	120+070;889	120B	32	3
885	120+070;890	120B	32	0
886	120+070;891	120B	70	1
887	120+070;892	120B	70	4
888	120+070;893	120B	70	2
889	120+070;894	120B	40	7
890	120+070;895	120B	80	6
891	120+070;896	120B	33	4
892	120+070;897	120B	50	2
893	120+070;898	120B	40	37
894	120+070;899	120B	21	3
895	120+070;900	120B	50	1
896	120+070;901	120B	40	9
897	120+070;902	120B	21	100
898	120+070;903	120B	33	5
899	120+070;904	120B	40	6
900	120+070;905	120B	50	1

901	120+000;906	120B	70	0
902	120+070;907	120B	180	17
903	120+070;908	120B	190	75

manually edit blocks:

✓ bench 32
row 55 to 50
column 65

✓ bench 31
row 55 to 120
column 96

GEOLOGICAL ROCK-TYPE MODEL

120+070

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100
20	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	23	23	23	50	50	50
32	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	50	50	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	100	100	23	23	50	21	21	21	21	120	120	120	100	100	100	100
34	100	100	100	100	100	100	100	23	23	50	21	21	21	21	120	100	100	120	100	100	100	100	100	100	100
35	100	100	100	23	23	50	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	23	50	50	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	150	150	160	160	160	160	160	160	160	160	160	160	150	150
13	160	160	160	160	160	160	150	150	150	150	150	150	150	100	160	160	160	180	160	160	150	150	150	150	150
14	150	150	150	150	150	150	150	150	150	150	150	100	100	100	160	160	180	150	150	150	150	150	150	100	100
15	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	150	180	150	150	150	100	100	100	100	100
16	150	150	150	150	100	100	100	100	100	100	100	100	100	100	130	180	150	150	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	130	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	110	110	180	110	100	120	120	120	120	100	100	100	100	100	100	120
23	100	100	100	100	100	100	110	110	110	100	100	100	120	120	120	120	120	120	120	120	100	100	120	120	100
24	100	100	110	110	110	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	180	100	100	100	100	100	120	120	33	33	33	60	60	70	120	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	120	33	60	60	60	60	70	120	120	120	60	60
29	100	100	100	100	100	33	33	33	33	100	100	100	33	60	60	70	60	60	70	70	60	60	60	80	80
30	33	33	50	50	50	60	70	70	70	70	70	70	70	70	60	60	60	60	32	60	60	60	60	60	60
31	50	50	50	50	50	50	60	60	70	70	70	70	60	32	32	60	70	70	60	60	60	60	60	60	40
32	21	21	50	50	50	50	50	50	50	50	50	100	60	60	60	60	60	60	60	60	60	60	60	50	50
33	120	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	50	50	50
34	100	100	100	120	21	21	21	70	50	50	50	50	50	50	40	40	40	40	50	50	50	50	50	50	50
35	100	100	100	100	120	120	21	21	21	21	21	21	21	21	50	50	50	50	50	40	50	50	50	50	50
36	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21	21	50	50	50	40	40	50	50
37	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	50
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	50	50	50	21	21	21	21
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	120	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

~~38~~ 50

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	100	100	100	190	190	190	190	190	190	100
8	160	160	160	160	160	160	160	160	160	150	150	100	100	100	100	100	100	190	190	190	190	190	190	100	100
9	160	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	100	100
10	160	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
11	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
12	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	120	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	190	190	190	190	120	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	190	190	190	33	33	40	40	40	33	33
21	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	190	190	190	40	40	40	33	120	120	120
22	120	120	120	120	120	120	100	100	100	100	100	100	120	120	120	190	190	120	120	120	120	21	21	21	21
23	100	100	120	120	100	100	100	100	100	100	100	100	120	120	190	190	21	21	21	21	21	21	21	21	21
24	100	120	120	100	100	100	100	100	100	100	100	120	120	120	190	21	21	21	21	21	21	21	21	21	21
25	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	40	40	21	21	21	21	21	21	21	21
26	100	100	100	100	100	100	100	120	120	120	33	40	33	40	40	21	21	21	21	21	21	21	21	21	21
27	100	100	80	80	60	60	60	33	33	60	40	40	40	40	21	40	21	21	21	21	21	21	21	21	21
28	80	80	60	60	60	60	60	60	50	40	40	40	40	21	21	21	21	21	21	50	21	120	120	120	120
29	60	60	60	40	40	40	40	40	40	21	21	50	21	120	120	120	120	120	120	120	120	120	120	120	120
30	60	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21 120	21	21	21	120	120	120	120	120
31	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21	100	120	120	120	120	120	120	120
32	50	50	50	50	50	50	40	40	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	100
33	50	50	50	50	50	40	40	40	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	100	100
34	50	50	50	50	40	40	40	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	100	100
35	50	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	100 OK	100
36	50	50	50	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100
37	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
13	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	120	100	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	120	120	120	100	100	100
23	21	21	21	21	21	120	120	120	100	100
24	21	21	21	120	120	120	120	120	100	100
25	21	21	21	21	21	21	120	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	120	120	120	120	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro FB701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 55 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 56

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
904	120+105;909	120C	160	340
905	120+105;910	120C	150	109
906	120+105;911	120C	130	2
907	120+105;912	120C	130	5
908	120+105;913	120C	110	31
909	120+105;914	120C	110	0
910	120+105;915	120C	120	2
911	120+105;916	120C	120	28
912	120+105;917	120C	150	2
913	120+105;918	120C	160	43
914	120+105;919	120C	160	50
915	120+105;920	120C	150	32
916	120+105;921	120C	120	14
917	120+105;922	120C	110	0
918	120+105;923	120C	120	27
919	120+105;924	120C	120	121
920	120+105;925	120C	120	41
921	120+105;926	120C	23	12
922	120+105;927	120C	50	125
923	120+105;928	120C	21	70
924	120+105;929	120C	33	5
925	120+105;930	120C	60	1
926	120+105;931	120C	70	15
927	120+105;932	120C	32	0
928	120+105;933	120C	70	1
929	120+105;934	120C	40	7
930	120+105;935	120C	70	1
931	120+105;936	120C	60	74
932	120+105;937	120C	22	2
933	120+105;938	120C	70	2
934	120+105;939	120C	70	6
935	120+105;940	120C	33	4
936	120+105;941	120C	80	5
937	120+105;942	120C	50	4
938	120+105;943	120C	33	2
939	120+105;944	120C	33	3
940	120+105;945	120C	40	5
941	120+105;946	120C	40	5
942	120+105;947	120C	40	0

944	120+105;949	120C	21	1
945	120+105;950	120C	21	75
946	120+105;951	120C	50	1
947	120+105;952	120C	180	14
948	120+105;953	120C	190	102
949	120+105;954	120C	180	2
***	120+105;1697	120C	40	46

manually edit blocks

✓ bench 11
row 56 to 180
col 73

✓ bench 24
row 56 to 180
col 64

✓ bench 35
row 56 to 40
col 83

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23
31	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23	50	50	50	50
32	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	50	50	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	23	23	50	50	21	21	21	21	120	120	120	120	100	100	100	100
34	100	100	100	100	100	100	23	50	50	21	21	21	21	120	100	100	120	120	120	100	100	100	100	100	100
35	100	100	23	23	50	50	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

180 180

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	150	160	160	160	160	160	100	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	160	160	160	180	160	160	160	150	150	150
	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	160	160	160	160	150	150	150	150	150	150
14	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	150	180	150	150	150	150	100	100	100
15	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	150	150	150	150	100	100	100	100	100
16	150	150	100	100	100	100	100	100	100	100	100	100	100	100	130	100	180	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	180	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	130	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	110	110	110	100	180	100	120	120	120	120	120	100	100	100	100	100	120
23	100	100	100	100	100	110	110	110	100	100	100	180	120	120	120	120	120	120	120	120	120	120	120	120	100
24	100	110	110	110	100	100	100	100	120	120	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	120	120	120	120	120	120	120	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	33	33	60	60	60	70	70	120	100	100
28	100	100	100	100	100	100	100	100	100	100	100	180	120	33	60	60	60	60	60	70	120	120	120	60	80
29	100	100	100	100	33	33	60	70	70	33	180	33	60	60	60	70	60	60	70	70	70	60	60	80	80
30	33	33	50	50	50	50	70	70	70	70	70	70	70	70	60	60	60	22	60	60	60	60	60	60	60
31	50	50	50	50	50	50	50	60	70	70	70	70	60	60	22	70	70	60	60	60	60	60	60	60	40
32	21	21	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	50	50
33	120	120	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	50	50
34	100	100	100	120	21	21	21	70	50	50	50	50	40	40	40	40	50	50	50	50	50	50	50	50	50
35	100	100	100	100	120	120	21	21	21	21	50	50	50	50	50	50	50	40	40	40	50	50	50	50	50
36	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21	70	50	50	50	50	50	50	50
37	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	21	21
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	50	50	21	21	21	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	120	120	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

40

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	190	190	190	190	190	190	190
8	160	160	160	160	160	160	160	160	160	150	150	100	100	100	100	100	100	190	190	190	190	190	190	190	100
9	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100
10	160	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100
11	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100
12	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
13	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	190	190	190	190	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	40	40	40	40	33	33
21	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	40	33	120	120	120	120
22	120	120	120	120	120	100	100	100	100	100	100	100	120	120	120	190	190	190	120	120	21	21	21	21	21
23	100	100	120	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	21	21	21	21	21	21	21
24	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	40	40	21	21	21	21	21	21
25	100	100	100	100	100	100	100	100	100	120	120	120	120	120	190	190	190	40	21	21	21	21	21	21	21
26	100	100	100	100	100	120	120	120	120	120	33	50	40	190	190	190	190	21	21	21	21	21	21	21	21
27	100	100	33	60	60	60	60	60	60	60	40	40	40	190	190	190	40	40	21	21	21	21	21	21	21
28	80	80	60	60	60	60	60	60	50	40	40	40	190	190	190	190	21	21	21	50	21	120	120	120	120
29	60	60	50	40	40	40	40	40	40	40	40	50	190	190	190	21	120	120	21	21	21	21	120	120	120
30	50	40	40	40	40	40	40	40	40	40	40	21	190	190	190	21	21	21	21	120	120	120	120	120	120
31	40	40	40	50	50	40	40	40	40	40	120	120	190	190	120	120	120	120	120	120	120	120	120	120	120
32	50	50	50	50	50	50	40	40	40	100	120	120	190	190	120	120	120	120	120	120	120	120	120	120	100
33	50	50	50	50	40	40	40	40	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	100	100
34	50	50	50	40	40	40	40	50	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	100	100
35	50	50	50	40	100	50	50	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100
36	50	50	50	50	50	50	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	120	100	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	21	120	120	120	120	100	100
23	21	21	21	21	21	120	120	120	100	100
24	21	21	21	120	120	120	120	120	100	100
25	21	21	21	21	21	21	120	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	120	120	120	120	100	100	100	100	100	100
28	120	120	100	100	100	100	100	100	100	100
29	120	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 56 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 57

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
950	121+000;955	121	160	396
951	121+000;956	121	150	100
952	121+000;957	121	110	34
953	121+000;958	121	110	0
954	121+000;959	121	130	2
955	121+000;960	121	130	3
956	121+000;961	121	120	13
957	121+000;962	121	160	49
958	121+000;963	121	150	37
959	121+105;964	121	120	21
960	121+000;965	121	120	52
961	121+000;966	121	120	11
962	121+000;967	121	110	0
963	121+000;968	121	120	110
964	121+000;969	121	120	20
965	121+000;970	121	120	27
966	121+000;971	121	150	1
967	121+000;972	121	23	12
968	121+000;973	121	50	7
969	121+000;974	121	21	73
970	121+000;975	121	70	2
971	121+000;976	121	50	1
972	121+000;977	121	33	1
973	121+000;978	121	60	5
974	121+000;979	121	50	110
975	121+000;980	121	70	7
976	121+000;981	121	32	2
977	121+000;982	121	40	10
978	121+000;983	121	60	45
979	121+000;984	121	70	18
980	121+000;985	121	60	11
981	121+000;986	121	33	4
982	121+000;987	121	22	2
983	121+000;988	121	70	0
984	121+000;989	121	80	10
985	121+000;990	121	33	2
986	121+000;991	121	60	15
987	121+000;992	121	50	10
988	121+000;993	121	40	44

990	121+000;995	121	21	1
991	121+000;996	121	33	5
992	121+000;997	121	40	2
993	121+000;998	121	21	64
994	121+000;999	121	40	7
995	121+000;1000	121	50	1
996	121+000,1001	121	70	1
997	121+000;1002	121	180	3
998	121+000;1003	121	180	12
999	121+000;1004	121	190	143
***	121+000;1005	121	180	1
***	121+000;1698	121	120	5

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
1987 PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	100
18	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
19	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	70	70	50	50	50	50
32	100	100	100	100	100	100	100	100	100	100	100	100	23	23	50	50	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	23	50	50	21	21	21	120	120	120	120	120	100	100	100	100	100
34	100	100	100	100	100	23	23	50	21	21	21	120	120	120	100	100	120	120	120	120	100	100	100	100	100
35	100	23	23	50	21	21	21	21	120	120	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100
36	50	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	160	160	160	180	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	160	160	160	160	160	160	160	150	150
[illegible]	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	100	160	160	180	150	150	150	150	150	150
14	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	150	150	150	150	150	150	100	100
15	150	150	150	150	150	100	100	150	150	150	100	100	100	100	100	100	100	180	150	150	100	100	100	100	100
16	150	150	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	180	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	110	110	180	120	120	120	120	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	110	110	110	110	100	180	120	120	120	120	120	120	100	100	100	100	100	120
23	100	100	100	100	110	110	110	100	100	120	120	120	180	120	120	120	120	120	120	120	120	120	120	120	100
24	100	110	110	120	120	120	120	120	120	120	120	180	120	120	120	100	100	100	100	100	100	120	100	100	100
25	100	100	100	100	100	100	100	100	120	120	180	120	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	33	33	60	60	60	70	70	120	100	100
28	100	100	100	100	100	100	100	100	120	120	120	120	33	33	60	60	60	60	70	70	120	70	120	120	80
29	100	100	100	100	33	50	60	60	60	60	60	180	60	60	60	60	70	70	70	70	70	70	80	80	80
30	23	23	50	50	50	70	70	70	70	70	180	70	70	70	60	60	60	22	70	60	80	80	80	60	60
31	50	50	50	50	50	50	50	70	70	180	70	70	60	60	60	22	70	60	60	60	60	60	60	60	40
32	21	21	50	50	32	32	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	50	50
33	100	21	21	21	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	50	50
34	100	100	100	120	21	21	70	50	50	50	50	40	40	40	40	50	50	50	50	60	60	60	50	50	50
35	100	100	100	100	120	120	21	21	21	50	50	50	50	50	40	40	40	40	40	40	50	50	50	50	50
36	100	100	100	100	120	120	120	120	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50
37	100	100	100	100	100	120	120	120	120	120	120	120	120	21	50	21	21	50	50	50	50	50	21	21	21
[illegible]	100	100	100	100	100	100	120	120	120	120	100	120	120	21	21	21	21	50	50	21	21	21	21	21	21
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	120	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	190	190	190	190	190	190
8	160	160	160	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	190	190	190	190	190	190	190
9	160	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100
10	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100
11	160	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
12	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	190	190	190	190	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	33	40	33	33	33
21	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	190	40	33	120	120	120
22	120	120	120	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	120	21	21	21	21	21
23	100	120	120	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	190	21	21	21	21	21	21
24	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	40	21	21	21	21	21	21
25	100	100	100	100	100	100	100	100	100	120	120	120	120	120	190	190	190	190	40	40	21	21	21	21	21
26	100	100	100	100	120	120	120	120	120	120	60	50	23	23	190	190	190	190	40	21	21	21	21	21	21
27	100	120	33	60	60	60	60	33	60	60	50	23	23	190	190	190	190	40	40	40	21	21	21	21	21
28	80	80	60	60	60	60	60	60	60	50	23	40	40	190	190	190	190	50	21	21	50	21	21	120	120
29	80	60	50	50	40	40	50	50	50	40	40	40	190	190	190	190	21	21	21	120	120	120	120	120	120
30	50	50	40	40	40	40	40	40	40	40	40	21	190	190	190	190	21	21	21	120	120	120	120	120	120
31	40	40	40	40	50	40	40	40	40	40	40	190	190	190	190	190	120	120	120	120	120	120	120	120	120
32	50	50	50	50	50	50	40	40	40	40	190	190	190	190	190	120	120	120	120	120	120	120	120	120	100
33	50	50	50	50	40	40	40	40	40	120	190	190	190	190	190	120	120	120	120	120	120	120	120	120	100
34	50	50	50	40	40	40	40	50	120	120	190	190	190	190	120	120	120	120	120	120	120	120	120	100	100
35	50	50	40	40	40	40	50	50	120	120	190	190	190	190	120	120	120	120	120	120	120	120	100	100	100
36	50	50	50	50	50	50	50	100	100	190	190	190	190	190	100	100	100	100	120	120	120	100	100	100	100
37	21	21	21	21	21	21	21	100	100	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	21	21	100	100	100	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57   FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	190	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	120	120	120	100	100	100	100
21	120	120	120	120	120	120	120	100	100	100
22	21	21	21	120	120	120	120	120	100	100
23	21	21	21	21	21	120	120	120	100	100
24	21	21	21	120	120	120	120	120	100	100
25	21	21	21	21	21	21	120	100	100	100
26	21	21	21	120	120	100	100	100	100	100
27	120	120	120	120	100	100	100	100	100	100
28	120	120	120	100	100	100	100	100	100	100
29	120	120	100	100	100	100	100	100	100	100
30	120	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 57 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 58

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1001	121+035;1006	121A	160	395
***	121+035;1007	121A	150	107
***	121+035;1008	121A	130	3
***	121+035;1009	121A	110	25
***	121+035;1010	121A	120	8
***	121+035;1011	121A	130	2
*	121+035;1012	121A	130	4
*	121+035;1013	121A	120	9
***	121+035;1014	121A	150	8
***	121+035;1015	121A	160	31
***	121+035;1016	121A	150	23
***	121+035;1017	121A	120	28
***	121+035;1018	121A	120	37
***	121+035;1019	121A	120	78
***	121+035;1020	121A	120	15
***	121+035;1021	121A	120	29
***	121+035;1022	121A	23	12
***	121+035;1023	121A	50	137
***	121+035;1024	121A	21	84
***	121+035;1025	121A	32	3
***	121+035;1026	121A	33	4
***	121+035;1027	121A	60	10
***	121+035;1028	121A	70	6
***	121+035;1029	121A	33	1
***	121+035;1030	121A	60	14
***	121+035;1031	121A	70	12
***	121+035;1032	121A	32	6
***	121+035;1033	121A	70	2
***	121+035;1034	121A	60	48
***	121+035;1035	121A	40	6
***	121+035;1036	121A	70	0
***	121+035;1037	121A	130	14
*	121+035;1038	121A	33	3
***	121+035;1039	121A	50	8
***	121+035;1040	121A	23	5
***	121+035;1041	121A	40	69
***	121+035;1042	121A	21	1
***	121+035;1043	121A	23	5
***	121+035;1044	121A	40	1
*** [illegible]	121+035;1045	121A	21	57

***	1041	121+035;1046	121A	40	4
***		121+035;1047	121A	33	3
***		121+035;1048	121A	180	15
***		121+035;1049	121A	190	83
***	1045	121+035;1050	121A	180	2

manually edit blocks –

✓ bench : 34
row : 58 to 50
col : 38

✓ bench : 26
row : 58 to 50
col : 90

✓ bench : 8
row : 58 to 150
col : 88

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
27	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	120	23	23	50
31	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	120	23	23	50	50	50	50	50	21	50
32	100	100	100	100	100	100	100	100	100	100	100	120	23	23	50	50	50	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	120	23	23	50	50	21	21	21	21	21	120	120	120	100	100	100	100
34	100	100	100	100	120	23	23	50	50	100	21	21	21	120	120	120	120	120	120	100	100	100	100	100	100
35	120	23	23	50	50	50	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	160	160	160	160	160	180	150	150	150
12	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	160	150	150	150	180	150	150	150	150
13	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	150	150	150	150	180	150	100	100	100
14	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	150	100	180	100	100	100	100	100
15	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	150	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	180	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	180	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	120	120	120	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	110	110	100	100	100	120	120	120	120	120	120	120	100	100	100	100	120
23	100	100	100	100	100	110	110	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	100
24	100	110	110	100	100	100	120	120	120	120	120	120	180	120	100	100	100	100	100	120	120	120	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	120	120	120	120	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	180	100	100	100	120	120	120	120	60	60	60	60	120	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	120	33	60	60	60	60	70	130	130	120	120	120
28	100	100	100	100	120	33	33	60	60	33	33	33	180	60	60	60	60	70	32	130	130	130	130	130	130
29	120	33	33	50	50	60	60	60	60	60	60	180	60	60	70	70	70	32	32	130	130	130	130	130	60
30	50	50	50	50	50	50	60	70	70	70	70	70	70	70	70	32	32	70	60	60	130	60	60	60	60
31	50	50	50	50	50	50	50	60	70	70	70	70	70	60	32	60	60	60	60	40	40	40	40	40	40
32	21	21	21	50	50	32	32	32	50	60	60	60	60	60	60	60	60	60	40	40	60	60	60	60	50
33	100	21	21	21	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	50	50
34	100	100	100	120	21	21	50	50	50	50	50	50	40	40	50	50	50	50	50	50	60	60	50	50	50
35	100	100	100	100	120	120	21	21	21	21	50	50	50	50	50	50	40	40	40	40	50	50	50	50	50
36	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50
37	100	100	100	100	100	100	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	50	50	50
38	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	50	50	50	21	21	21	21	21	21
39	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	21	21	21	21	21
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	120	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

50

150

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	100	190	190	190	190	190
8	160	160	160	160	160	160	160	160	160	100	150	150	100	100	100	100	100	100	100	190	190	190	190	190	190
9	160	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100
10	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100
11	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	120	120	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	120	120	120	120
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	23	23	23	23	120
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	190	190	190	40	23	120	120	120	120
22	120	120	120	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	120	120	21	21	21	21
23	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	21	21	21	21	21	21	21
24	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	40	21	21	21	21	21	21
25	100	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	40	40	21	21	21	21	21	21
26	100	100	100	100	100	100	100	100	120	120	50	100	23	23	190	190	190	40	21	21	21	21	21	21	21
27	120	120	120	120	120	33	33	50	50	50	40	23	23	23	190	190	190	21	21	21	21	21	21	120	120
28	33	60	60	60	60	50	50	50	50	40	40	40	40	190	190	190	21	21	21	21	21	120	120	120	120
29	60	60	60	40	40	40	40	40	40	40	40	40	40	190	190	21	21	21	120	120	120	100	120	120	120
30	60	40	40	40	40	40	40	40	40	40	40	40	21	190	190	21	21	21	21	120	120	120	120	120	100
31	40	40	50	50	50	40	40	40	40	40	40	40	120	120	120	120	120	120	120	120	120	120	120	100	100
32	50	50	50	50	50	40	40	40	40	40	40	100	100	100	120	120	120	120	120	120	120	120	100	100	100
33	50	50	50	50	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	120	120	120	100	100	100
34	50	50	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	50	50	50	50	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	50	50	50	50	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	100	100	100	100	100	100	100
21	120	120	120	120	120	100	100	100	100	100
22	21	21	21	120	120	100	100	100	100	100
23	21	21	21	120	120	100	100	100	100	100
24	21	21	120	120	100	100	100	100	100	100
25	21	120	120	100	100	100	100	100	100	100
26	120	120	100	100	100	100	100	100	100	100
27	120	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 58   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks
bench : 11
row : 59 to 160
col : 67

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

bench : 26
row : 59 to 50
col : 90

SECTION ALONG ROW : 59

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1046	121+070;1051	121B	160	388
***	121+070;1052	121B	150	122
***	121+000;1053	121B	130	5
***	121+000;1054	121B	130	0
***	121+070;1055	121B	110	19
***	121+070;1056	121B	120	18
***	121+070;1057	121B	130	4
***	121+070;1058	121B	120	9
***	121+070;1059	121B	150	11
***	121+070;1060	121B	130	15
***	121+070;1061	121B	160	27
***	121+070;1062	121B	120	74
***	121+070;1063	121B	120	20
***	121+070;1064	121B	120	31
***	121+070;1065	121B	23	6
***	121+070;1066	121B	50	123
***	121+070;1067	121B	21	99
***	121+070;1068	121B	33	4
***	121+070;1069	121B	60	73
***	121+070;1070	121B	32	3
***	121+070;1071	121B	33	4
***	121+070;1072	121B	70	11
***	101+070;1073	121B	32	3
***	121+070;1074	121B	40	2
***	121+070;1075	121B	70	0
***	121+070;1076	121B	40	87
***	121+070;1077	121B	50	0
***	121+070;1078	121B	50	8
***	121+070;1079	121B	23	6
***	121+070;1080	121B	23	5
***	121+070;1081	121B	21	67
***	121+070;1082	121B	50	1
***	121+070;1083	121B	180	18
***	121+070;1084	121B	180	3
***	121+070;1085	121B	190	46
***	121+070;1086	121B	40	3
*** 1082	121+070;1087	121B	120	66
*** 1700	121+070;1699	121B	70	4

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
[illegible]1987

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110
26	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
27	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	120	33
30	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	120	120	23	23	50	50	50
31	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	23	50	50	50	50	50	21	21	21
32	100	100	100	100	100	100	100	100	100	100	100	120	23	23	50	50	50	50	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	120	120	50	50	50	21	21	21	21	21	21	21	120	100	100	100
34	100	100	100	100	100	100	100	100	120	50	50	21	21	21	21	21	120	120	120	120	100	100	100	100	100
35	100	100	100	100	100	100	100	120	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100
36	50	120	100	100	100	100	120	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	120	120	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL 160 CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160.	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	100	150	150	150	150	150	150	150	150	100	180	100
12	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	180	100	100
	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100
14	160	160	160	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	180	100	100	100
15	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100
16	150	150	150	150	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	180	100	100	100	100	100
17	150	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	180	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	120	120	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	120	180	120	120	120	120	120	100	100	100	100	120
23	100	100	100	100	100	110	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	100
24	100	100	110	100	100	100	100	100	120	120	120	120	120	180	100	100	100	100	120	120	120	120	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	120	120	120	120	120	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	120	120	33	60	60	120	120	120	100	100
27	100	100	100	100	100	100	100	120	120	120	180	120	33	33	60	60	60	130	130	130	130	130	120	120	120
28	100	100	100	33	33	60	60	60	60	60	60	60	60	60	60	60	70	32	130	130	130	130	130	130	60
29	33	50	50	60	60	60	60	60	60	60	60	60	180	70	70	70	32	130	130	130	130	60	60	60	60
30	50	50	50	50	50	60	60	60	70	70	70	180	70	70	70	32	70	70	60	60	60	60	40	40	40
31	21	21	50	50	32	50	60	60	60	70	180	70	70	60	60	60	60	60	60	40	40	40	40	40	40
32	21	21	21	50	50	50	50	32	32	60	60	60	60	60	60	60	60	60	40	40	40	40	40	60	60
33	100	100	21	21	21	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	50
34	100	100	100	120	21	21	21	50	50	50	50	50	40	40	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	120	120	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50
37	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	21	50	50	50	50	50	50	50	50	50
38	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	21	50	21	21	21	21	21	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	21	21	21	21	21
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	120	120	100	100	100	100	120	120
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

50

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	180	180	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	190	190	190	190
8	180	160	160	160	160	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	190	190	190	190	190
9	160	160	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100
10	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	120	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	120	120	120	120
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	120	120	120	120
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	120	120	120	120	120
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	23	23	23	23	120	120
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	190	40	40	23	120	120	120	120
22	120	120	120	100	100	100	100	100	100	100	100	100	100	100	120	120	120	40	21	120	120	21	21	21	21
23	100	120	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21
24	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	21	21	21	21	21	21	21	21
25	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	21	21	21	21	21	21	21	21	21	120
26	100	100	100	100	100	100	100	100	120	50	50	100	23	23	23	21	21	21	21	21	21	21	21	120	120
27	120	120	120	120	120	120	50	50	50	50	40	23	23	23	21	21	21	21	21	21	21	21	120	120	100
28	60	120	120	120	50	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	120	120	120	120	100
29	60	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	120	120	120	120	120	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	120	120	120	120	100	100
31	40	60	50	50	50	40	40	40	40	40	40	40	40	120	120	120	120	120	120	120	120	120	100	100	100
32	60	50	50	50	50	40	40	40	40	40	40	40	100	100	100	100	120	120	120	120	120	100	100	100	100
33	50	50	50	50	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	50	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	50	50	50	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	50	50	50	50	50	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	50	50	50	50	50	50	50	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	120	100	100	100	100	100	100	100	100	100
18	120	100	100	100	100	100	100	100	100	100
19	120	120	100	100	100	100	100	100	100	100
20	120	120	120	100	100	100	100	100	100	100
21	120	120	120	100	100	100	100	100	100	100
22	21	21	120	100	100	100	100	100	100	100
23	21	120	100	100	100	100	100	100	100	100
24	120	100	100	100	100	100	100	100	100	100
25	120	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 59 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks
bench 31
row : 60 to 70
col : 68

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

bench : 27
row : 60 to 40
col : 88

SECTION ALONG ROW : 60

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

bench : 26
row : 60 to 50
col : 90

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1083	121+105;1088	121C	160	383
***	121+105;1089	121C	150	121
***	121+105;1090	121C	130	10
***	12+105;1091	121C	110	20
***	121+105;1092	121C	120	22
***	121+105;1093	121C	130	3
***	121+105;1094	121C	120	9
***	121+105;1095	121C	120	8
***	121+105;1096	121C	160	28
***	121+105;1097	121C	150	10
***	121+105;1098	121C	120	39
***	121+105;1099	121C	130	13
***	121+105;1100	121C	120	41
***	121+105;1101	121C	120	46
***	121+105;1102	121C	23	15
***	121+105;1103	121C	50	121
***	121+105;1104	121C	21	127
***	121+105;1105	121C	33	5
***	121+105;1106	121C	60	75
***	121+105;1107	121C	32	2
***	121+105;1108	121C	33	1
***	121+105;1109	121C	70	16
***	121+105;1110	121C	32	2
***	121+105;1111	121C	40	1
***	121+105;1112	121C	70	2
***	121+105;1113	121C	40	2
***	121+105;1114	121C	40	105
***	121+105;1115	121C	60	2
***	121+105;1116	121C	50	8
***	121+105;1117	121C	50	3
***	121+105;1118	121C	23	11
***	121+105;1119	121C	21	54
*** 1115	121+105;1120	121C	180	14

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110
26	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
27	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	120
29	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	120	120	33	50	50
30	100	100	100	100	100	100	110	110	110	100	100	100	100	100	120	120	120	120	120	23	50	50	50	50	50
31	100	100	100	110	110	110	100	100	100	100	100	120	120	120	120	23	23	50	50	50	50	50	21	21	21
32	100	100	100	100	100	100	100	100	100	120	120	120	23	23	50	50	50	50	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	120	23	23	23	50	50	50	50	21	21	21	21	21	21	21	120	100	100
34	100	100	100	120	120	23	23	23	50	50	50	50	21	21	21	21	21	120	120	120	100	100	100	100	100
35	120	23	23	23	50	50	50	50	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100
36	23	50	50	50	50	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	50	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

70

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	180
12	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	180	100
14	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	180	100	100
15	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	180	100	100	100
17	150	150	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	180	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100	100	100	100
24	100	100	110	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	120	120	120	120	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	60	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	180	100	120	120	33	60	60	130	120	120	120	100	100
27	100	100	100	120	120	33	33	60	60	60	60	180	60	60	60	60	130	130	130	130	130	130	120	120	120
28	33	33	60	60	60	60	60	60	60	60	180	60	60	60	60	70	70	130	130	130	130	40	40	60	60
29	50	60	60	60	60	60	60	60	60	180	60	60	70	70	70	32	32	130	130	60	60	60	60	60	40
30	50	50	50	50	60	60	60	60	60	70	70	70	70	70	70	70	70	60	60	60	40	40	40	40	40
31	21	21	21	50	50	32	32	60	60	60	60	70	70	70	100	60	60	60	40	40	40	60	60	40	40
32	21	21	21	21	50	50	50	50	60	60	60	60	60	60	60	60	60	40	40	40	40	40	40	40	40
33	100	100	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	50
34	100	100	100	120	21	21	21	21	50	50	50	50	50	50	40	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	120	120	21	21	21	21	21	21	21	21	21	70	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	70	50	50	50	50	50	50	50	50
37	100	100	100	100	100	100	100	120	120	120	120	120	120	120	21	21	50	50	50	50	21	21	21	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21	21	21	21	21
	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	21	21	120	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL 50 CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

40

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	180	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	100	100	100
8	160	180	160	160	160	160	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100
9	180	160	160	160	160	160	160	160	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	21	21	21	21	21	21
24	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	21	21	21	21	21	21	120
25	100	100	100	100	100	100	100	100	100	100	120	120	120	23	23	23	23	21	21	21	21	21	21	120	100
26	100	100	100	100	100	120	120	50	50	50	50	100	23	23	23	23	23	21	21	21	21	120	120	100	100
27	120	120	120	120	60	50	50	50	50	100	40	23	23	40	40	40	21	21	21	120	120	120	100	100	100
28	60	60	60	60	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	120	120	100	100	100	100
29	40	40	40	40	40	50	50	50	40	40	40	40	40	21	21	21	120	120	120	120	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	120	120	120	120	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100
32	50	50	50	50	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100
33	50	50	50	50	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	50	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	50	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	50	50	50	50	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	120	120	120	100	100	100	100	100	100	100
19	120	120	120	120	100	100	100	100	100	100
20	21	21	21	21	100	100	100	100	100	100
21	21	21	120	120	100	100	100	100	100	100
22	21	120	120	100	100	100	100	100	100	100
23	120	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 60 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks —

bench : 28
row : 61 to 32
col : 70

bench : 32
row : 61 to 40
col : 69

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 61

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1116	122+000;1121	122	160	384
***	122+000;1122	122	150	122
***	122+000;1123	122	130	11
***	122+000;1124	122	110	23
***	122+000;1125	122	120	24
***	122+000;1126	122	130	3
***	122+000;1127	122	120	8
***	122+000;1128	122	160	29
***	122+000;1129	122	150	10
***	122+000;1130	122	120	5
***	122+000;1131	122	120	42
***	122+000;1132	122	130	14
***	122+000;1133	122	120	19
***	122+000;1134	122	120	18
***	122+000;1135	122	120	2
***	122+000;1136	122	23	16
***	122+000;1137	122	50	100
***	122+000;1138	122	21	139
***	122+000;1139	122	33	5
***	122+000;1140	122	60	92
***	122+000;1141	122	32	3
***	122+000;1142	122	70	14
***	122+000;1143	122	32	2
***	122+000;1144	122	33	1
***	122+000;1145	122	40	2
***	122+000;1146	122	40	107
***	122+000;1147	122	60	3
***	122+000;1148	122	70	0
***	122+000;1149	122	60	3
***	122+000;1150	122	50	5
***	122+000;1151	122	40	2
***	122+000;1152	122	50	6
***	122+000;1153	122	23	8
***	122+000;1154	122	21	43
***	122+000;1155	122	21	2
*** 1151	122+000;1156	122	180	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110
26	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100
27	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	120	33
29	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	120	33	60	60	60
30	100	100	100	100	100	100	110	110	110	110	100	100	100	120	120	120	120	120	23	33	50	50	50	50	50
31	100	100	110	110	110	110	110	100	100	100	100	120	120	120	120	23	23	50	50	50	50	50	21	21	21
32	110	110	110	100	100	100	100	100	100	120	120	23	23	23	50	50	50	50	50	21	21	21	21	21	21
33	100	100	100	100	100	100	120	120	23	23	23	50	50	50	50	50	21	21	21	21	21	21	21	100	100
34	100	100	100	120	23	23	23	23	50	50	50	50	50	21	21	21	21	21	21	100	100	100	100	100	100
35	120	23	23	23	50	50	50	50	50	50	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100
36	50	50	50	50	50	50	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100
37	50	50	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

40 32

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100
12	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100
13	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	180
14	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
15	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100
16	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100
17	150	150	150	100	100	100	100	100	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	60	60	60	100	100	100	100
26	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	33	60	60	130	130	120	120	100	100	100
27	100	100	33	33	60	60	60	60	60	60	60	60	60	60	60	130	130	130	130	130	130	120	120	120	120
28	60	60	60	60	60	60	60	60	60	60	60	60	60	60	70	32	100	130	130	100	100	40	40	60	60
29	60	60	60	60	60	60	60	60	60	60	60	60	70	70	70	70	32	130	100	60	60	60	40	40	40
30	21	50	60	60	60	60	60	60	60	60	70	70	70	70	70	130	130	60	40	40	40	40	40	40	40
31	21	21	21	50	60	60	32	32	32	60	60	70	70	70	130	70	60	40	40	40	40	60	60	60	40
32	21	21	21	21	21	50	50	60	60	60	60	60	60	60	60	100	40	40	40	40	40	40	40	40	40
33	100	100	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	50
34	100	100	100	100	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	100	100	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	21	50	50	50	50	21	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	21	21	21	21
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	21	120	120	120
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	120	120	120	120	120	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	180	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	100	100
8	160	160	180	160	160	160	160	160	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100
9	160	180	180	160	160	160	160	160	160	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
10	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	120
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	21	21	21	120	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	21	21	21	120	100	100
25	100	100	100	100	100	100	100	120	120	120	120	50	50	23	23	23	23	120	21	21	21	120	100	100	100
26	100	100	100	120	60	60	40	40	60	50	50	40	23	23	23	120	120	120	120	120	100	100	100	100	100
27	120	120	60	60	60	60	60	60	50	50	40	40	23	40	21	21	21	100	100	100	100	100	100	100	100
28	60	60	60	60	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100	100
29	40	40	40	40	50	50	50	50	50	40	40	40	21	21	21	21	100	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	100	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100
32	40	40	40	40	40	40	40	40	40	40	40	40	21	120	120	100	100	100	100	100	100	100	100	100	100
33	50	50	50	50	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	50	50	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	120	120	120	120	120	100	100	100	100	100
17	21	21	21	21	120	120	100	100	100	100
18	21	21	21	21	120	100	100	100	100	100
19	21	21	21	120	100	100	100	100	100	100
20	21	21	120	100	100	100	100	100	100	100
21	21	120	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50 ¦	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 61 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 62

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1153	122+035;1157	122A	160	376
***	122+035;1158	122A	150	128
***	122+035;1159	122A	130	9
***	122+035;1160	122A	110	21
***	122+035;1161	122A	120	10
***	122+035;1162	122A	130	4
***	122+035;1163	122A	120	2
***	122+035;1164	122A	120	4
***	122+035;1165	122A	160	12
***	122+035;1166	122A	150	10
***	122+035;1167	122A	120	1
***	122+035;1168	122A	120	30
***	122+035;1169	122A	130	0
***	122+035;1170	122A	120	2
***	122+035;1171	122A	120	32
***	122+035;1172	122A	120	7
***	122+035;1173	122A	120	19
***	122+035;1174	122A	130	16
***	122+035;1175	122A	50	111
***	122+035;1176	122A	21	144
***	122+035;1177	122A	33	4
***	122+035;1178	122A	60	81
***	122+035;1179	122A	70	1
***	122+035;1180	122A	32	1
***	122+035;1181	122A	33	3
***	122+035;1182	122A	60	9
***	122035;1183	122A	70	2
***	122+035;1184	122A	32	6
***	122+035;1185	122A	70	10
***	122+035;1186	122A	40	1
***	122+035;1187	122A	40	2
***	122+035;1188	122A	40	114
***	122+035;1189	122A	50	5
***	122+035;1190	122A	60	3
***	122+035;1191	122A	70	0
***	122+035;1192	122A	23	5
***	122+035;1193	122A	21	6
***	122+035;1194	122A	21	32
***	122+035;1195	122A	23	16

***	122+035;1197	122A	180	7
***	122+035;1700	122A	120	55
***	122+035;1701	122A	21	35

manually edit blocks —

bench: 30
row: 62 to 23
col: 47

bench: 32
row: 62
col: 79 to 40

PC-MINE VERSION 1.10
SERIAL NO : 20000
[illegible]/1987

GEMCOM SERVICES INC.
Faro FB701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 7/ 4/1987

23

SECTION ALONG ROW : 62 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
16	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	100
26	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100	100
27	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	33
29	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	23	33	50	50	50
30	100	100	100	100	100	110	110	110	110	100	100	100	120	120	120	120	120	23	100	50	50	50	50	50	50
31	100	100	110	110	110	110	100	100	100	100	120	120	120	120	23	23	50	50	50	50	50	21	21	21	21
32	110	110	100	100	100	100	100	100	100	120	23	23	23	50	50	50	50	50	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	23	23	23	50	50	50	50	50	21	21	21	21	21	21	100	100	100	100
34	100	100	100	23	23	23	50	50	50	50	50	21	21	21	21	21	21	100	100	100	100	100	100	100	100
35	23	23	23	50	50	50	50	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100
36	50	50	50	50	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100
12	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100
[illegible]	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
14	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	180
15	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100
16	150	150	150	150	150	150	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	180	100
17	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	33	60	60	120	100	100	100
26	100	100	100	100	100	100	100	100	120	120	120	120	33	33	33	60	60	130	130	130	120	120	120	100	100
27	100	100	100	33	60	60	60	60	60	60	60	60	60	60	60	130	130	130	130	130	130	130	120	100	60
28	60	60	60	60	60	60	60	60	60	60	60	60	60	70	70	32	32	130	130	100	100	60	40	60	60
29	50	50	60	60	60	60	60	60	60	32	32	32	32	32	70	70	70	130	100	60	60	60	60	60	60
30	50	50	50	50	60	60	60	60	60	60	60	70	70	70	70	130	130	60	60	60	60	40	40	40	40
31	21	21	21	50	50	50	50	60	60	60	60	60	70	70	70	60	60	40	40	40	40	60	60	60	40
32	21	21	21	21	50	50	50	50	50	50	60	60	60	60	60	40	40	40	40	40	40	40	40	40	40
33	100	100	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	100	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	50	50	50	50	50	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	21	21	21	21	21	21	21	21
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	21	21	21	21
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	120	120	120	120	120
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro FB701 Geological Reserve Model MODULE 3.09
[illegible]/1987 PAGE 3

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

40

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	160	160	160	160	160	160	160	160	150	150	150	150	100	100	100	100
8	170	170	170	170	170	170	170	170	160	160	160	160	150	150	150	150	100	100	100	100	100	100	100	100	100
9	160	160	170	170	170	170	170	170	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	150	150	150	100	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	120
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	120	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	21	120	100	100	100
25	100	100	100	100	100	100	100	120	60	60	60	23	23	23	120	120	120	120	120	120	100	100	100	100	100
26	100	100	100	120	60	60	40	40	60	60	40	40	23	23	40	21	21	21	21	100	100	100	100	100	100
27	60	60	60	60	60	60	60	60	60	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100
28	60	60	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	100	100	100	100	100	100	100
29	40	40	50	50	50	50	50	40	40	40	40	40	21	21	21	21	21	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	120	120	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100
32	100	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100
33	50	50	50	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	120	120	120	120	100	100	100	100	100	100
16	120	120	120	120	120	120	100	100	100	100
17	21	21	21	21	120	100	100	100	100	100
18	21	21	21	120	100	100	100	100	100	100
19	21	21	120	100	100	100	100	100	100	100
20	21	120	100	100	100	100	100	100	100	100
21	120	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 62   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks

bench : 15
row : 63 to 150
col : 48

bench : 28
row : 63 to 40
col : 81

bench : 26
row : 63 to 120
col : 67

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 63

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1193	122+070;1198	122B	160	373
***	122+070;1199	122B	150	117
***	122+070;1200	122B	130	10
***	122+070;1201	122B	110	23
***	122+070;1202	122B	120	10
***	122+070;1203	122B	130	5
***	122+070;1204	122B	120	6
***	122+070;1205	122B	120	17
***	122+070;1206	122B	130	15
***	122+070;1207	122B	130	3
***	122+070;1208	122B	120	9
***	122+070;1209	122B	120	2
***	122+070;1210	122B	120	19
***	122+070;1211	122B	160	7
***	122+070;1212	122B	150	11
***	122+070;1213	122B	120	13
***	122+070;1214	122B	120	23
***	122+070;1215	122B	23	13
***	122+070;1216	122B	50	140
***	122+070;1217	122B	21	129
***	122+070;1218	122B	33	3
***	122+070;1219	122B	60	10
***	122+070;1220	122B	32	29
***	122+070;1221	122B	70	2
***	122+070;1222	122B	70	1
***	122+070;1223	122B	33	6
***	122+070;1224	122B	60	6
***	122+070;1225	122B	70	0
***	122+070;1226	122B	70	6
***	122+070;1227	122B	60	57
***	122+070;1228	122B	40	1
***	122+070;1229	122B	40	0
***	122+070;1230	122B	40	96
***	122+070;1231	122B	23	5
***	122+070;1232	122B	21	14
***	122+070;1233	122B	21	6
***	122+070;1234	122B	21	30
***	122+070;1235	122B	170	43
***	122+070;1236	122B	190	14

PC-MINE VERSION 1.10 GEMCOM SERVICES INC. SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 Faro F8701 Geological Reserve Model MODULE 3.09
1987 PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	150 48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	150	150	150	150	150
16	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	160	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	100	100
26	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100
27	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	33
29	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	23	50	50	50	50
30	100	100	100	100	100	110	110	110	110	100	100	100	120	120	120	120	120	50	50	50	50	50	50	50	50
31	100	110	110	110	110	110	100	100	100	100	120	120	120	23	23	50	50	50	50	50	50	21	21	21	21
32	110	110	100	100	100	100	100	100	120	120	23	23	23	50	50	50	50	50	21	21	21	21	100	100	100
33	100	100	100	100	100	100	100	23	23	50	50	50	21	21	21	21	21	21	21	100	100	100	100	100	100
34	100	100	100	23	23	23	50	50	50	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100
35	23	23	50	50	50	21	21	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100
36	50	21	21	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

120

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100
13	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	100	100	100	100	100	100	100	100
14	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100
15	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	130	130	130	100	100	100	100	180
16	150	150	150	150	150	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	180	100
17	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	33	33	120	120
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	33	33	60	120	120	120	100
26	100	100	100	100	100	100	100	100	100	100	120	120	120	100	33	33	60	60	130	130	120	120	120	100	100
27	100	120	120	120	33	33	60	60	60	60	60	60	60	60	60	130	130	130	130	130	130	130	120	60	60
28	50	50	60	60	60	60	32	32	32	32	32	32	32	32	32	32	32	130	130	60	60	60	40	60	60
29	50	50	50	50	32	32	32	32	32	32	32	32	32	32	32	70	70	130	60	60	60	60	60	60	60
30	50	50	50	50	50	50	32	32	32	32	32	32	70	70	70	130	130	60	60	60	60	60	60	60	60
31	21	21	50	50	50	50	50	50	32	60	60	60	60	70	130	60	60	60	60	60	40	40	40	40	40
32	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
33	100	100	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	120	21	21	21	70	50	50	50	50	50	50	70	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	50	50	50	50	50	50	50	50	50
37	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	21	21	21	21	21	21	21
38	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	21	21	21	21	21	21
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	21	120	120	120	120	120	120	120	120	120
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	40 81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	160	160	160	160	160	160	160	150	150	150	150	150	100	100
8	170	170	170	170	170	170	170	170	170	170	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
9	160	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	150	150	150	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	120
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	120	100
24	120	100	100	100	100	100	100	100	100	100	23	23	23	23	100	100	100	100	100	100	21	21	120	100	100
25	100	100	100	100	100	100	100	60	60	23	40	40	120	120	120	120	120	120	120	21	120	120	100	100	100
26	100	100	100	60	60	60	60	60	60	40	40	120	40	40	21	21	21	21	21	100	100	100	100	100	100
27	130	130	130	60	60	60	60	60	60	40	40	40	40	21	21	21	21	21	21	100	100	100	100	100	100
28	60	60	100	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	100	100	100	100	100	100	100
29	60	60	60	60	40	40	40	40	40	40	40	40	40	40	40	21	120	120	100	100	100	100	100	100	100
30	60	60	40	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100
32	50	50	50	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100
33	40	40	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100
34	40	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	50	50	50	50	40	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	50	50	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	190	190	100	100	100	100
8	100	100	100	190	190	100	100	100	100	100
9	100	100	100	190	190	100	100	100	100	100
10	100	100	190	190	100	100	100	100	100	100
11	100	190	190	100	100	100	100	100	100	100
12	100	190	190	100	100	100	100	100	100	100
[illegible]	190	190	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	120	120	120	120	120	120	100	100	100	100
17	21	21	21	21	120	120	100	100	100	100
18	21	21	21	21	120	100	100	100	100	100
19	21	21	21	120	100	100	100	100	100	100
20	21	120	120	100	100	100	100	100	100	100
21	120	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 63 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 64

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1233	122+105;1238	122C	160	364
***	122+105;1239	122C	150	117
***	122+105;1240	122C	130	9
***	122+105;1241	122C	110	21
***	122+105;1242	122C	120	10
***	122+105;1243	122C	110	2
***	122+105;1244	122C	120	7
***	122+105;1245	122C	120	1
***	122+105;1246	122C	130	5
***	122+105;1247	122C	110	2
***	122+105;1248	122C	120	4
***	122+105;1249	122C	120	49
***	122+105;1250	122C	120	4
***	122+105;1251	122C	130	7
***	122+105;1252	122C	130	1
***	122+105;1253	122C	120	3
***	122+105;1254	122C	120	10
***	122+105;1255	122C	120	7
***	122+105;1256	122C	120	20
***	122+105;1257	122C	120	4
***	122+105;1258	122C	50	127
***	122+105;1259	122C	21	105
***	122+105;1260	122C	70	0
***	122+105;1261	122C	23	0
***	122+105;1262	122C	33	5
***	122+105;1263	122C	70	0
***	122+105;1264	122C	60	12
***	122+105;1265	122C	70	0
***	122+105;1266	122C	22	13
***	122+105;1267	122C	32	15
***	122+105;1268	122C	70	1
***	122+105;1269	122C	60	49
***	122+105;1270	122C	70	0
***	122+105;1271	122C	70	2
***	122+105;1272	122C	33	6
***	122+105;1273	122C	60	4
***	122+105;1274	122C	70	1
***	122+105;1275	122C	60	1
***	122+105;1276	122C	70	6

***	1273	122+105;1278	122C	40	0
***		122+105;1279	122C	40	112
***		122+105;1280	122C	23	5
***		122+105;1281	122C	21	16
***		122+105;1282	122C	21	8
***		122+105;1283	122C	40	0
***		122+105;1284	122C	21	11
***		122+105;1285	122C	22	0
***		122+105;1286	122C	23	14
***		122+105;1287	122C	190	55
***		122+105;1288	122C	170	71
***	1284	122+105;1289	122C	180	15
***	1704	122+105;1703	122C	130	2

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
18	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	150	150	150	100	100	100	100	100	100
19	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100
26	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100
27	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	50
29	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100	100	100	100	50	50	50	50	50
30	100	100	100	100	100	110	110	110	100	100	100	120	120	120	120	120	23	50	50	50	50	50	50	50	50
31	100	110	110	110	110	100	100	100	100	120	120	120	110	23	23	50	50	50	50	50	50	21	21	21	21
32	110	100	100	100	100	100	100	120	120	23	23	23	50	50	50	21	21	21	21	21	21	100	100	100	100
33	100	100	100	100	100	100	23	23	23	50	50	21	21	21	21	21	21	100	100	100	100	100	100	100	100
34	100	100	23	23	23	50	50	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100
35	23	23	50	21	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	100
13	160	160	160	160	150	150	160	160	160	160	160	160	150	150	150	150	150	150	100	100	100	100	100	100	100
14	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
15	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	130	130	130	100	100	100	100	100
16	150	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	180
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	180	100	100	100
20	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	120	100	100	180	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	120	120	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	120	120	33	33	33	33	120
25	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	180	33	33	60	120	120	120	120	100
26	100	100	100	100	120	33	33	33	33	60	60	60	60	60	60	180	60	60	60	120	120	120	120	120	120
27	100	120	33	60	60	60	60	60	22	32	32	32	32	70	180	70	130	130	130	130	120	60	60	60	60
28	50	50	50	50	60	22	22	32	32	32	32	32	120	180	120	120	120	130	130	60	60	60	130	130	60
29	50	50	50	22	22	22	32	32	32	32	32	32	180	120	60	70	70	130	60	60	60	60	60	60	60
30	50	50	50	50	22	22	22	22	22	22	22	180	70	70	70	70	60	60	60	60	40	40	40	40	40
31	21	50	50	50	50	50	50	50	60	60	60	60	60	60	60	40	40	40	40	40	40	40	40	40	40
32	100	21	21	50	50	50	50	50	50	50	60	60	50	50	50	50	50	50	50	50	50	50	50	50	50
33	100	100	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	21	21	21	70	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	100	100	100	120	120	120	120	120	120	21	21	50	50	50	21	21	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	21	21	21	21	21
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100
9	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	150	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
11	100	100	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	100	100	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190
15	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190
18	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	100	100	100	100	100	190	190	190	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	120
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	21	21	120
23	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	21	21	120	100
24	100	100	100	100	100	100	100	100	100	120	120	23	23	23	120	120	120	120	120	120	21	21	120	100	100
25	100	100	100	100	100	100	120	60	60	23	40	40	120	120	120	120	120	120	120	120	21	21	100	100	100
26	100	100	120	33	60	60	60	60	60	40	23	120	120	120	21	21	21	21	21	21	120	100	100	100	100
27	60	60	60	60	60	60	60	60	60	40	40	40	40	21	21	21	21	21	21	120	100	100	100	100	100
28	60	60	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	21	100	100	100	100	100	100
29	60	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	120	120	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	40	40	40	120	100	100	100	100	100	100	100	100	100	100
32	50	50	50	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100
33	50	40	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	40	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	50	50	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	190	190	190	190	100	100
8	100	100	100	190	190	190	190	100	100	100
9	100	100	190	190	190	190	190	100	100	100
10	100	190	190	190	190	190	100	100	100	100
11	100	190	190	190	190	190	100	100	100	100
12	190	190	190	190	190	100	100	100	100	100
[illegible]	190	190	190	190	190	100	100	100	100	100
14	190	190	190	190	100	100	100	100	100	100
15	190	190	190	100	100	100	100	100	100	100
16	190	190	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	120	100	100	100	100	100	100	100	100	100
20	120	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 64 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 65

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1285	123+000;1290	123	160	353
***	123+000;1291	123	150	118
***	123+000;1292	123	130	10
***	123+000;1293	123	110	21
***	123+000;1294	123	130	2
***	123+000;1295	123	120	15
***	123+000;1296	123	110	1
***	123+000;1297	123	120	15
***	123+000;1298	123	120	14
***	123+000;1299	123	110	3
***	123+000;1300	123	130	6
***	123+000;1301	123	120	83
***	123+000;1302	123	120	17
***	123+000;1303	123	130	3
***	123+000;1304	123	120	3
***	123+000;1305	123	120	6
***	123+000;1306	123	120	2
***	123+000;1307	123	120	13
***	123+000;1308	123	120	25
*** 1304	123+000;1309	123	23	10
*** 1305	123+000;1311	123	21	88
***	123+000;1312	123	70	0
***	123+000;1314	123	23	2
***	123+000;1315	123	60	11
***	123+000;1316	123	70	2
***	123+000;1317	123	22	21
***	123+000;1318	123	70	2
***	123+000;1319	123	70	0
***	123+000;1320	123	70	7
***	123+000;1321	123	33	8
***	123+000;1322	123	70	0
***	123+000;1323	123	120	22
***	123+000;1324	123	60	16
***	123+000;1325	123	70	0
***	123+000;1326	123	33	6
***	123+000;1327	123	60	2
***	123+000;1328	123	70	0
***	123+000;1329	123	60	29
***	123+000;1330	123	70	0

***	1325	123+000;1332	123	40	112
***		123+000;1333	123	60	7
***		123+000;1334	123	70	0
***		123+000;1335	123	23	1
***		123+000;1336	123	21	13
***		123+000;1337	123	21	1
***		123+000;1338	123	21	2
***		123+000;1339	123	21	2
***		123+000;1340	123	170	60
***		123+000;1341	123	180	1
***		123+000;1342	123	180	9
***		123+000;1343	123	170	47
***		123+000;1344	123	190	127
***		123+000;1345	123	180	11
***	1339	123+000;1346	123	180	3
***	1664	123+000;1678	123	50	26
***		123+000;1679	123	60	3
***	1666	123+000;1680	123	50	81
***	1705	123+000;1703	123	21	12
***		123+000;1705	123	40	2
***	1707	123+000;1706	123	33	2

manually edit blocks —

✓ bench: 30
row: 65 to 120
col: 45

✓ bench: 32
row: 65 to 21
col: 40

✓ bench: 26
row: 65 to 33
col: 82

✓ bench: 26
row: 65 to 21
col: 98

PC-MINE VERSION 1.10
SERIAL NO : 20000
[illegible]/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

21 120

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100
18	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	150	150	150	150	100	100	100	100	100
19	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	130	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	100	100	100
26	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100
27	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	120	23
29	100	100	100	100	100	100	100	100	110	110	110	110	120	120	120	100	100	100	100	100	100	50	50	50	50
30	100	100	100	100	100	110	110	110	100	100	120	120	120	120	120	120	100	50	50	50	60	60	50	50	50
31	100	110	110	110	110	100	100	100	120	120	120	120	110	23	50	50	50	50	50	60	50	21	100	100	100
32	110	100	100	100	100	100	100	120	120	23	23	100	21	21	21	21	21	21	21	100	100	100	100	100	100
33	100	100	100	100	100	23	23	23	50	21	21	21	21	21	21	21	120	100	100	100	100	100	100	100	100
34	100	100	23	23	23	21	21	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100
35	23	50	21	21	21	21	21	21	21	21	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	170
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	170
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	100	100
[illegible]	160	160	160	160	150	150	150	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	100	100	100
14	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
15	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	130	130	130	100	100	100	100	100
16	150	150	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	120	120	100	100	180	100
20	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	120	120	120	100	100	100	180	100	100
21	100	100	100	100	100	100	100	100	120	100	100	100	100	100	120	120	100	100	100	100	100	180	100	100	100
22	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100	100
23	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	120	120	120	100	100
24	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	180	120	33	33	33	33	120
25	100	100	100	100	100	120	120	120	120	33	33	33	33	33	33	33	33	180	33	33	120	120	120	120	120
26	100	100	100	120	70	70	60	60	60	60	60	120	60	60	60	60	60	60	60	120	120	120	120	120	120
27	100	23	50	50	60	70	70	22	22	120	120	120	120	120	120	120	180	120	120	120	120	60	60	60	60
28	50	50	50	22	22	22	22	120	120	120	120	120	120	120	120	180	120	120	60	60	60	60	60	60	60
29	22	22	22	22	22	22	120	120	120	60	120	120	120	60	180	60	60	60	60	130	130	130	40	40	40
30	50	50	22	22	22	22	22	22	60	60	60	60	60	180	60	50	50	40	40	40	40	40	40	40	40
31	21	50	50	50	22	22	22	50	60	60	60	60	60	50	40	40	40	40	60	60	60	60	60	50	50
32	100	21	50	50	50	50	50	50	50	60	60	60	50	50	50	50	50	50	50	50	50	50	50	50	50
33	100	100	21	70	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	100	100	100	21	21	70	70	70	70	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	100	21	21	21	21	21	21	21	21	21	21	21	21	50	50	21	21	21	21	21	21	50
36	100	100	100	100	100	100	120	120	120	120	120	120	120	120	21	21	21	21	100	120	120	120	120	120	21
37	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100	100	100	100	120
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

				33																21					
	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	170	170	170	170	170	170	170	170	170	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100
8	170	170	170	170	170	170	170	170	180	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100
9	170	170	170	170	170	170	170	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100
10	170	170	170	170	170	170	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100
12	100	170	170	170	170	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	190
	100	100	170	170	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190
14	100	100	100	180	180	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190
15	100	100	100	100	180	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190
16	100	100	100	100	100	100	170	170	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190
17	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	190	190	190	190	190	190
18	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100	190	190	190	190	190	190	190
19	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	190	190	190	190	190	190	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	190	190	190	190	120	120	100	100
22	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	21	100	100
23	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	100	100	100
24	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	120	120	21	21	100	100
25	120	100	100	100	120	120	120	60	60	23	40	40	120	180	120	120	120	120	120	120	21	100	100	100	100
26	120	33	33	100	60	60	60	60	40	40	120	120	180	40	40	120	120	120	21	100	21	21	120	100	100
27	60	60	60	60	60	40	40	40	60	40	40	180	40	21	21	21	21	21	40	21	120	100	100	100	100
28	40	40	40	40	40	40	60	60	40	40	40	40	21	21	21	21	21	40	21	100	100	100	100	100	100
29	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100
30	40	60	60	50	40	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100
31	50	50	50	40	40	40	40	40	40	40	40	40	40	40	21	21	21	120	100	100	100	100	100	100	100
32	50	40	40	40	40	40	40	40	40	40	40	40	40	120	120	120	120	120	100	100	100	100	100	100	100
33	50	50	50	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	50	40	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	50	50	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	120	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	120	120	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	190	190	190	190	190	190	190
8	100	100	190	190	190	190	190	190	190	100
9	100	190	190	190	190	190	190	190	100	100
10	190	190	190	190	190	190	190	190	100	100
11	190	190	190	190	190	190	190	190	100	100
12	190	190	190	190	190	190	190	100	100	100
[illegible]	190	190	190	190	190	190	190	100	100	100
14	190	190	190	190	190	190	190	100	100	100
15	190	190	190	190	190	190	100	100	100	100
16	190	190	190	190	190	190	100	100	100	100
17	190	190	190	190	190	190	100	100	100	100
18	190	190	190	190	100	100	100	100	100	100
19	190	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 65 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks
bench: 15
row: 66 to 150
col: 43

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

bench: 31
row: 66 to 50
col: 64

SECTION ALONG ROW : 66

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

bench: 35
row: 66 to 21
col: 76

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1340	123+035;1347	123A	160	347
***	123+035;1348	123A	150	108
***	123+035;1349	123A	130	16
***	123+035;1350	123A	110	22
***	123+035;1351	123A	120	10
***	123+035;1352	123A	120	8
***	123+035;1353	123A	120	14
***	123+035;1354	123A	120	19
***	123+035;1355	123A	120	73
***	123+035;1357	123A	120	4
***	123+035;1358	123A	120	37
***	123+035;1359	123A	23	11
***	123+035;1361	123A	21	115
***	123=035;1363	123A	33	8
***	123+035;1364	123A	60	14
***	123+035;1365	123A	22	21
***	126+035;1366	123A	70	0
***	123+035;1368	123A	70	7
***	123+035;1370	123A	70	0
***	123+035;1371	123A	70	0
***	123+035;1372	123A	33	1
***	123+035;1373	123A	60	1
***	123+035;1374	123A	70	0
***	123+035;1375	123A	23	2
***	123+035;1376	123A	33	3
***	123+035;1377	123A	40	103
***	123+035;1379	123A	23	5
***	123+035;1381	123A	180	7
***	123+035;1382	123A	190	155
***	123+035;1383	123A	170	13
*** 1371	123+035;1384	123A	180	29
*** 1667	123+035;1682	123A	50	35
*** 1668	123+035;1683	123A	60	3
*** 1669	123+035;1686	123A	32	3
***	123+035;1687	123A	60	41
***	123+035;1688	123A	130	2
***	123+035;1689	123A	21	5
***	123+035;1690	123A	170	169
***	123+035;1691	123A	50	41
***	123+035;1692	123A	50	58

PC-MINE VERSION 1.10
SERIAL NO : 20000
26/ 2/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

123+035

150

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100
18	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	150	150	150	100	100	100	100	100	100
19	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100
25	100	100	130	130	130	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100
26	130	130	130	100	100	130	130	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100
27	130	130	130	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	50
29	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	50	50	50	50	50
30	100	100	100	100	110	110	110	110	100	100	100	120	120	120	120	120	50	50	50	50	60	60	50	50	50
31	100	110	110	110	100	100	100	100	100	120	120	120	23	23	50	50	50	50	50	60	50	50	50	70	70
32	110	100	100	100	100	100	100	120	120	23	23	23	50	21	21	21	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	23	23	23	50	21	21	21	21	21	21	21	21	21	21	21	120	120	100	100	120
34	100	100	23	23	50	50	21	21	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100
35	23	50	21	21	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

check polygon 1687

DESCRIPTION : Faro F8701 Rock Type Model 50 CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 21 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	180	180	180	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	170	170	170
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	180	180	170	170
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	180	180	170
13	160	160	160	160	150	150	150	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	100	180	170
14	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	180
15	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
16	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	120	120	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100	100
23	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	180	120	120	120	100
24	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	180	33	23	23	120	120
25	100	100	100	100	100	100	100	120	120	120	33	33	33	33	33	33	60	60	180	60	120	120	120	120	120
26	100	100	100	100	120	33	33	60	60	60	60	60	120	60	60	60	60	180	120	120	120	120	120	120	120
27	100	100	50	50	60	60	60	22	22	120	120	120	120	120	120	120	120	120	120	120	120	120	33	33	60
28	50	50	50	50	22	22	22	32	120	120	120	120	120	120	120	120	180	120	60	60	60	60	60	60	60
29	50	22	22	22	22	22	32	120	120	32	60	60	60	60	60	180	60	60	60	60	130	130	60	40	40
30	50	22	22	22	22	22	22	22	22	60	60	60	60	60	60	60	40	40	40	40	40	40	40	40	40
31	50	50	50	50	22	22	22	50	50	50	100	60	50	50	50	50	50	50	50	50	50	50	50	50	50
32	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
33	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	50	50	50	50
34	100	100	21	21	21	70	70	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	100	120	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	21	100	50	50
36	100	100	100	100	100	120	120	120	120	120	120	120	120	21	21	21	21	21	21	21	21	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100	100	120
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10
SERIAL NO : 20000
26/ 2/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
8	170	170	170	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
9	170	170	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
10	170	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100
12	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100
13	170	170	170	170	180	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	190
14	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	190	190	190
15	180	180	170	180	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	190	190	190	190
16	100	180	180	180	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	190	190	190	190	190	190
17	100	100	100	180	180	170	170	170	170	170	170	170	100	100	100	100	100	190	190	190	190	190	190	190	190
18	100	100	100	100	100	180	170	170	170	170	170	100	100	100	100	100	100	190	190	190	190	190	190	190	190
19	100	100	100	100	100	100	100	170	170	170	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	190	190	190	190	190	190	190	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	190	190	190	190	120	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	120	120	120	100	100	100	100	100
25	120	100	100	100	100	100	120	120	120	120	60	23	23	23	23	120	120	120	120	120	100	100	100	100	100
26	120	120	120	120	120	33	60	60	60	40	40	23	120	120	120	120	120	120	120	100	100	100	100	100	100
27	60	60	60	60	60	60	60	40	40	40	120	120	40	21	21	21	21	21	21	100	100	100	100	100	100
28	60	60	40	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	100	100	100	100	100	100	100
29	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	100	100	100	100	100	100	100	100
31	50	50	50	40	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100	100
32	50	40	40	40	40	40	40	40	40	40	40	40	21	120	120	120	120	100	100	100	100	100	100	100	100
33	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	50	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	120	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	120	120	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model   CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66   FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	190	190	190
8	100	100	100	100	100	100	190	190	190	190
9	100	100	100	100	190	190	190	190	190	190
10	100	100	190	190	190	190	190	190	190	190
11	100	190	190	190	190	190	190	190	190	190
12	190	190	190	190	190	190	190	190	190	190
13	190	190	190	190	190	190	190	190	190	190
14	190	190	190	190	190	190	190	190	190	190
15	190	190	190	190	190	190	190	190	190	190
16	190	190	190	190	190	190	190	190	190	100
17	190	190	190	190	190	190	190	190	100	100
18	190	190	190	190	190	190	100	100	100	100
19	190	190	190	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model   CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : Faro F8701 Rock Type Model

CREATED ON : 26/ 2/1987

SECTION ALONG ROW : 66 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks —

bench: 31
row: 67 to 40
col: 71

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 67

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1372	123+070;1386	123B	170	18
***	123+070;1387	123B	160	337
***	123+070;1388	123B	150	102
***	123+070;1389	123B	130	25
***	123+070;1390	123B	110	23
***	123+070;1391	123B	120	9
***	123+070;1392	123B	120	8
***	123+070;1393	123B	120	17
***	123+070;1394	123B	120	15
***	123+070;1395	123B	120	61
***	123+070;1396	123B	120	1
***	123+070;1397	123B	120	42
***	123+070;1398	123B	23	15
***	123+070;1399	123B	50	130
***	123+070;1400	123B	21	126
***	123+070;1401	123B	70	0
***	123+070;1402	123B	60	3
***	123+070;1403	123B	60	15
***	123+070;1404	123B	22	20
***	123+070;1405	123B	32	11
***	123+070;1406	123B	70	7
***	123+070;1407	123B	33	6
***	123+070;1408	123B	60	36
***	123+070;1409	123B	70	0
***	123+070;1410	123B	40	105
***	123+070;1411	123B	60	8
***	123+070;1412	123B	33	1
***	123+070;1413	123B	23	5
***	123+070;1414	123B	21	1
***	123+070;1415	123B	23	3
***	123+070;1416	123B	60	0
***	123+070;1417	123B	180	5
***	123+070;1418	123B	180	45
***	123+070;1419	123B	170	272
*** 1406	123+070;1420	123B	190	162

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
17	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100
18	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	150	150	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	130	130	130	130	100	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100
25	130	130	130	130	130	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	110	110	100	100	100
26	130	130	130	130	100	130	130	130	100	100	100	100	100	100	100	100	110	110	110	110	100	100	100	100	100
27	130	130	130	130	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100
28	130	100	100	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100	100	50	50	50	50
30	100	100	100	100	110	110	110	100	100	100	100	100	120	120	120	120	50	50	50	50	60	60	50	50	50
31	100	110	110	110	110	100	100	100	100	120	120	120	23	23	50	50	50	50	50	60	50	50	50	50	50
32	110	100	100	100	100	100	100	120	23	23	23	23	50	50	50	21	21	21	21	21	21	21	21	21	70
33	100	100	100	100	23	23	23	23	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
34	100	23	23	23	23	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
35	23	50	50	21	21	21	21	21	120	120	120	100	100	100	100	100	100	120	120	120	120	120	120	120	120
36	21	21	21	21	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

40

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	180	180
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	180	180	180
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	180	180	180	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	180	180	180	170	170	170
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	180	180	180	170	170	170
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	180	180	170	170	170	170
13	160	160	160	160	150	150	150	160	160	160	160	160	160	160	150	150	150	150	150	180	180	170	170	170	170
14	160	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	180	180	170	170	170
15	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	180	170	170	170
16	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	180	100	100
22	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	180	120	100	100
23	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100
24	100	100	120	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	33	23	23	120	120	120
25	100	100	100	100	100	100	100	100	100	120	120	120	33	33	33	33	33	60	60	23	120	120	120	120	120
26	100	100	100	100	100	100	120	120	60	60	60	60	60	60	60	60	60	120	180	120	120	120	120	120	120
27	100	100	100	50	60	60	60	60	22	32	120	120	120	120	120	120	120	180	120	120	120	120	120	120	120
28	50	50	50	50	22	22	22	32	32	120	120	120	120	120	120	120	180	60	60	60	60	60	60	60	60
29	50	22	22	22	22	22	32	32	32	32	32	60	60	60	60	60	60	60	60	60	60	60	60	60	40
30	50	22	22	22	22	22	32	32	32	50	50	60	60	60	40	40	40	40	40	40	40	40	40	40	40
31	50	50	50	22	22	22	22	22	50	50	50	50	50	50	50	50	50	100	40	40	40	40	40	40	50
32	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
33	21	21	70	70	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	50	50	50
34	21	21	21	21	50	70	70	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	40	40
35	120	120	120	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	100	120	120	120	120	120	120	21	21	21	50	50	21	21	21	21	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	21	21	120	120	120	120	120	120
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
9	170	170	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
10	170	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
12	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
14	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	190	190
15	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	100	190	190	190	190	190	190	190
16	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190
17	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190
18	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	190	190	190	190	190	190	190	190	190
19	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190	190
20	100	100	180	180	180	170	170	170	170	170	170	170	170	170	100	190	190	190	190	190	190	190	190	190	190
21	100	100	100	100	180	180	180	170	170	170	170	170	170	100	100	190	190	190	190	190	190	190	190	190	190
22	100	100	100	100	100	100	100	180	180	170	170	170	170	100	190	190	190	190	190	190	190	190	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	120	120	190	190	190	190	190	190	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	100	100	100	100	100	100
25	120	100	100	100	100	100	100	100	100	120	120	120	23	23	23	23	120	120	100	100	100	100	100	100	100
26	120	120	100	100	100	100	100	120	120	60	40	40	23	120	120	120	120	120	100	100	100	100	100	100	100
27	120	120	120	120	33	60	60	60	60	40	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100
28	60	60	60	60	60	60	60	40	40	40	40	40	21	21	21	21	21	100	100	100	100	100	100	100	100
29	40	40	40	40	40	40	40	40	40	40	40	21	40	40	40	21	21	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100
31	50	50	50	40	40	40	40	40	40	40	40	40	40	21	21	21	100	100	100	100	100	100	100	100	100
32	50	40	40	40	40	40	40	40	40	40	40	40	21	21	120	100	100	100	100	100	100	100	100	100	100
33	40	40	40	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100
34	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	50	50	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	120	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	190	190	190
11	100	100	100	100	100	190	190	190	190	190
12	100	100	100	190	190	190	190	190	190	190
[illegible]	190	190	190	190	190	190	190	190	190	190
14	190	190	190	190	190	190	190	190	190	190
15	190	190	190	190	190	190	190	190	190	190
16	190	190	190	190	190	190	190	190	190	190
17	190	190	190	190	190	190	190	190	190	190
18	190	190	190	190	190	190	190	190	100	100
19	190	190	190	190	190	190	100	100	100	100
20	190	190	190	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 6/ 4/1987

SECTION ALONG ROW : 67 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks —

bench: 26
row: 68 to 60
col: 62

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 68

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1407	123+105;1421	123C	160	274
***	123+105;1422	123C	150	30
***	123+070;1423	123C	130	32
***	123+105;1424	123C	110	4
***	123+070;1425	123C	120	4
***	123+105;1426	123C	150	97
***	123+105;1427	123C	130	2
***	123+105;1428	123C	110	7
***	123+105;1429	123C	120	6
***	123+105;1430	123C	120	59
***	123+105;1431	123C	120	18
***	123+105;1432	123C	120	16
***	123+105;1433	123C	120	6
***	123+035;1434	123C	120	48
***	123+105;1435	123C	23	8
***	123+105;1436	123C	50	125
***	123+105;1437	123C	21	103
***	123+105;1438	123C	70	9
***	123+105;1439	123C	22	12
***	123+105;1440	123C	32	17
***	123+105;1441	123C	60	16
***	123+105;1442	123C	33	4
***	123+105;1443	123C	60	30
***	123+105;1444	123C	70	0
***	123+105;1445	123C	40	96
***	123+105;1446	123C	60	14
***	123+105;1447	123C	23	6
***	123+105;1448	123C	50	3
***	123+105;1449	123C	21	5
***	123+105;1450	123C	170	22
***	123+105;1451	123C	180	53
***	123+105;1452	123C	170	355
***	123+105;1453	123C	190	171
*** 1440	123+105;1454	123C	180	4
***	123+105;1707	123C	23	2

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	150	150	150	150	150	150	150	150	150
17	160	160	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	150	150	100	100	100	100
18	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	130	130	130	130	130	130	130	100	100	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100
25	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100
27	130	130	130	100	100	130	130	100	100	100	100	100	110	110	110	100	100	100	100	100	100	100	100	100	100
28	130	130	130	130	100	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100
29	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	50	50	50	50
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	50	50	50	50	50	50	50	50
31	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50	50	50	70	70	70	70	70	70
32	100	100	100	100	100	100	100	100	100	23	23	50	50	50	21	21	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21
34	100	100	110	110	100	100	100	100	21	21	21	120	120	120	120	120	120	120	120	120	120	120	21	21	21
35	110	110	100	100	100	100	100	23	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	120
36	100	100	100	100	100	23	23	23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	120	120	23	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	120	120	23	50	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68   FROM COLUMN [54] TO COLUMN [78]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

60

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	180	180	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	180	180	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	180	180	180	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	180	180	180	170	170	170	170
11	160	160	150	150	150	150	150	160	160	160	160	160	160	160	160	160	160	170	180	180	180	170	170	170	170
12	150	150	150	150	150	150	150	150	150	150	150	160	160	160	160	160	160	180	180	180	170	170	170	170	170
[illegible]	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	180	180	170	170	170	170	170
14	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	180	180	170	170	170	170	170
15	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180
21	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	100
23	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	23	23	120	120
24	100	100	120	100	100	100	100	100	100	100	100	100	120	120	120	120	120	33	33	33	180	120	120	120	120
25	100	100	100	100	100	100	100	100	100	120	120	120	120	33	60	60	60	60	60	180	120	120	120	120	120
26	100	100	100	100	100	100	120	120	100	60	60	60	60	60	60	120	120	120	180	120	120	120	120	120	120
27	100	100	100	100	60	60	60	60	60	32	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
28	50	50	50	50	22	22	22	32	32	120	120	120	120	120	120	120	60	180	60	60	60	60	60	60	60
29	50	22	22	22	22	32	32	32	32	32	32	32	60	60	60	60	60	60	60	60	60	60	60	60	60
30	50	22	22	22	32	32	32	32	32	50	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40
31	50	50	50	22	22	32	32	50	50	50	50	50	50	50	50	50	50	50	40	40	40	40	40	40	40
32	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	50	50	50	50
33	21	21	21	21	70	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	50	50
34	21	21	21	21	21	21	70	50	50	50	50	50	50	50	50	50	50	60	60	50	50	50	40	40	40
35	120	120	120	120	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50
36	100	100	100	100	100	120	120	120	120	120	120	120	21	21	21	50	50	50	21	21	21	21	21	21	21
37	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	21	21	120	120	21	21	21
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	120	120	120	100	100	120	120	120
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL　　　CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68　FROM COLUMN [79] TO COLUMN [103]　TOP ELEVATION : 4270.00 ft　BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
12	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
[illegible]	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
14	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
15	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
16	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
17	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
18	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100
19	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	190	100	100	100	100	100	100	100
20	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	100	100	100	100
21	180	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190
22	100	100	180	180	180	170	170	170	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190
23	100	100	100	100	180	180	180	170	170	170	170	170	170	170	170	190	190	190	190	190	190	190	190	190	190
24	120	100	100	100	100	100	180	180	180	170	170	170	170	170	170	120	120	120	190	190	190	190	190	190	190
25	120	100	100	100	100	100	100	100	180	180	180	170	170	170	170	120	120	120	120	190	190	190	190	190	190
26	120	120	100	100	100	100	100	100	120	120	180	170	170	170	120	120	120	120	100	100	190	190	190	190	190
27	120	120	120	100	100	100	120	120	60	40	120	120	170	170	120	120	120	100	100	100	100	190	190	190	190
28	60	60	60	60	60	60	60	60	40	40	40	40	21	21	21	21	100	100	100	100	100	100	190	190	190
29	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	100	100	100	100	100	100	100	100	190	190
30	40	40	40	40	40	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100
32	50	50	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100
33	40	40	40	40	40	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	40	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	40	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	21	50	50	50	50	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	120	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	190	190	190
10	100	100	100	100	100	190	190	190	190	190
11	100	100	100	100	190	190	190	190	190	190
12	100	100	100	190	190	190	190	190	190	190
[illegible]	100	100	100	190	190	190	190	190	190	190
14	100	100	190	190	190	190	190	190	190	190
15	100	100	190	190	190	190	190	190	190	190
16	100	190	190	190	190	190	190	190	190	190
17	100	190	190	190	190	190	190	190	190	190
18	100	190	190	190	190	190	190	190	190	100
19	190	190	190	190	190	190	190	190	100	100
20	190	190	190	190	190	190	190	100	100	100
21	190	190	190	190	190	190	100	100	100	100
22	190	190	190	190	190	100	100	100	100	100
23	190	190	190	190	100	100	100	100	100	100
24	190	190	190	190	100	100	100	100	100	100
25	190	190	190	100	100	100	100	100	100	100
26	190	190	100	100	100	100	100	100	100	100
27	190	100	100	100	100	100	100	100	100	100
28	190	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 68 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

manually edit blocks

bench: 16
row: 69 to 150
col: 36

bench: 32
row: 69 to 23
col: 40

bench: 31
row: 69 to 40
col: 72

bench: 33
row: 69 to 50
col: 65

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 69

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1441	124+000;1455	124	160	264
***	124+000;1456	124	150	27
***	124+000;1457	124	130	45
***	124+000;1458	124	110	4
***	124+000;1459	124	120	3
***	124+000;1460	124	150	79
***	124+000;1461	124	130	2
***	124+000;1462	124	110	5
***	124+000;1463	124	120	5
***	124+000;1464	124	23	14
***	124+000;1465	124	120	22
***	124+000;1466	124	120	56
***	124+000;1467	124	120	6
***	124+000;1468	124	120	63
***	124+000;1469	124	170	29
***	124+000;1470	124	180	56
***	124+000;1471	124	170	464
***	124+000;1472	124	170	13
***	124+000;1473	124	180	6
***	124+000;1474	124	190	64
***	124+000;1475	124	23	4
***	124+000;1476	124	50	2
***	124+000;1477	124	21	3
***	124+000;1478	124	50	101
***	124+000;1479	124	21	88
***	124+000;1480	124	70	6
***	124+000;1481	124	60	15
***	124+000;1482	124	32	24
***	124+000;1483	124	22	7
***	124+000;1484	124	23	8
***	124+000;1485	124	60	12
***	124+000;1487	124	50	4
***	124+000;1488	124	60	21
***	124+000;1489	124	50	6
***	124+000;1490	124	70	1
***	124+000;1491	124	21	5
***	124+000;1492	124	21	15
***	124+000;1493	124	40	3
*** 1480	123+000;1494	124	180	0

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
[illegible] 1987 | | PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
								150				23													
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	100	100	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	100	150	150	150	150	150	100	100	100	150	150	150	150	150	100	100	100	100
17	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100
18	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	130	130	130	130	130	130	130	130	130	100	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100
25	130	130	130	130	130	130	130	100	100	100	100	130	100	100	100	100	100	100	100	100	100	100	100	100	100
26	130	130	130	130	130	100	100	100	100	100	100	100	100	100	110	100	100	100	100	100	100	100	100	100	100
27	130	130	130	100	100	130	130	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100
28	130	130	130	130	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	50	50	50
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50	50	70	70	70	50
31	100	100	100	100	100	100	100	100	100	100	23	23	23	23	23	50	50	21	21	21	21	21	21	21	21
32	100	100	100	100	100	100	100	100	23	23	23	100	50	50	21	21	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	50	50	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21
34	100	100	110	110	100	100	100	100	21	21	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
35	110	110	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
36	100	100	100	100	100	23	23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	120	23	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	23	50	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

50 40

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	180	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	180	170	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	180	180	170	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	180	180	170	170	170	170	170
11	160	160	150	150	150	150	150	160	160	160	160	160	160	160	160	170	170	180	180	170	170	170	170	170	170
12	150	150	150	150	150	150	150	150	150	150	150	160	160	160	160	170	170	180	180	170	170	170	170	170	170
[illegible]	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	170	180	170	170	170	170	170	170	170
14	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170	170
15	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	180
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	180	180	170	180	170
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	180	180	180	170
23	100	100	100	100	120	120	120	100	100	100	100	100	100	100	120	120	120	120	120	60	23	23	23	180	180
24	100	100	120	120	100	100	100	100	100	100	100	100	120	120	120	120	23	60	23	23	23	120	120	120	180
25	100	100	100	100	100	100	100	100	100	100	120	120	120	60	60	60	60	23	120	120	120	120	120	120	120
26	100	100	100	100	100	100	100	120	120	60	60	60	60	60	120	120	120	120	120	120	120	120	120	120	120
27	100	100	100	100	120	120	60	60	60	60	32	120	120	120	120	120	120	120	120	120	120	120	120	120	120
28	100	50	50	50	50	22	22	32	32	32	120	120	120	120	120	120	120	60	60	60	60	60	60	120	120
29	50	22	22	22	32	32	32	32	32	32	32	32	50	50	50	50	50	50	50	50	50	50	50	50	50
30	50	22	22	32	32	32	32	32	32	32	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40
31	21	70	50	32	32	32	32	32	50	50	50	50	50	50	50	50	50	50	100	40	40	40	40	40	40
32	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	50
33	21	21	21	21	21	70	50	50	50	50	50	100	60	60	60	70	60	60	50	50	50	50	50	50	60
34	120	21	21	21	21	21	21	21	21	21	50	50	50	50	60	60	60	60	60	60	60	60	50	50	50
35	120	120	120	120	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	40	40	40	40	40
36	100	100	120	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	50	50	50	50	50
37	100	100	100	100	100	120	120	120	120	120	120	120	120	21	21	50	50	21	21	21	21	21	21	21	21
[illegible]	100	100	100	100	100	100	100	100	100	100	120	120	120	21	21	21	21	21	21	120	120	120	120	120	120
[illegible]	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	120	120	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	170 96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
12	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
14	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
15	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
16	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
17	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
18	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
19	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
20	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
21	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
22	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
23	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	170	100	100	100	100	100
24	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	170	100	100	100	100	100
25	100	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
26	120	120	180	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
27	120	120	120	120	180	180	180	170	170	170	170	170	170	170	180	180	170	170	170	100	100	100	100	100	100
28	120	120	120	120	120	120	180	180	170	170	170	170	170	21	180	180	180	100	100	100	100	100	100	100	100
29	50	60	60	60	60	60	40	180	180	180	170	170	40	21	21	21	180	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	180	180	40	40	21	21	21	100	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100
32	50	50	40	40	40	40	40	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100
33	60	40	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	50	40	40	40	40	40	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	190	190	190	100	100	100	100	100	100	100
36	50	50	50	40	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100	100	100	100
37	21	21	21	100	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100
38	21	21	100	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	190	190	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 69 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 70

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1491	124+035;1495	124A	160	154
***	124+035;1496	124A	150	30
***	124+035;1497	124A	110	4
***	124+035;1498	124A	120	4
***	124+035;1499	124A	160	115
***	124+035;1500	124A	150	77
***	124+035;1501	124A	23	12
***	124+035;1502	124A	120	1
***	124+035;1503	124A	120	0
***	124+035;1504	124A	120	20
***	124+035;1505	124A	120	56
***	124+035;1506	124A	120	2
***	124+035;1507	124A	120	7
***	124+035;1508	124A	120	2
***	124+035;1509	124A	120	6
***	124+035;1510	124A	120	54
***	124+035;1511	124A	170	27
***	124+035;1512	124A	180	57
***	124+035;1513	124A	170	449
***	124+035;1514	124A	170	41
***	124+035;1515	124A	180	8
***	124+035;1516	124A	180	5
***	124+035;1517	124A	190	65
***	124+035;1518	124A	50	3
***	124+035;1519	124A	21	5
***	124+035;1520	124A	50	112
***	124+035;1521	124A	21	81
***	124+035;1522	124A	33	12
***	124+035;1523	124A	70	3
***	124+035;1524	124A	22	8
***	124+035;1525	124A	32	12
***	124+035;1526	124A	60	7
***	124+035;1527	124A	23	6
***	124+035;1528	124A	60	24
***	124+035;1529	124A	40	58
***	124+035;1530	124A	60	6
***	124+035;1531	124A	60	3
***	124+035;1532	124A	40	11
***	124+035;1533	124A	21	5
***	124+035;1534	124A	23	6
*** 1531	124+035;1535	124A	50	0

***	1522	124+035;1536	124A	21	14
***		124+035;1537	124A	70	6
***	1524	124+035;1538	124A	180	0

manually edit blocks

✓ bench: 28
row: 70 to 60
col: 68

✓ bench: 28
row: 70 to 120
col: 77

✓ bench: 32
row: 70 to 120
col: 92

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
13	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	160	150	150	150	150	150	150	100	100	150	150	150	150	150	100	100	100	100
17	160	160	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100
18	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	33
29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	33	50	50	70
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	50	50	50	50	50	50	50
31	100	100	100	100	100	100	100	100	100	100	23	23	23	23	23	50	50	50	70	70	21	21	21	21	21
32	100	100	100	100	100	100	100	100	100	23	23	50	50	50	50	21	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	50	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21
34	100	100	110	110	100	100	100	100	21	21	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
35	110	110	100	100	100	100	100	23	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	23	23	23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	120	120	23	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
38	120	120	23	50	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
39	21	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

60

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

120

SECTION ALONG ROW : 70 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	180	180	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	180	180	170	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	180	180	170	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	180	170	170	170	180	180	170	170	170	170	170
11	160	150	150	150	150	160	160	160	160	160	160	160	160	160	160	170	170	170	180	170	170	170	170	170	170
12	150	150	150	150	150	150	150	150	150	160	160	160	160	160	160	160	170	180	180	170	170	170	170	170	170
	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	170	180	170	170	180	170	170	170	170
14	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170	170
15	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	180	180	180	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	180	180	170	170	180
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	180	180	180	180
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	60	23	23	23	180	180
24	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	33	60	23	23	23	120	120	120	180
25	100	100	100	100	100	100	100	100	100	100	120	120	120	33	60	60	60	120	120	120	120	120	120	120	120
26	100	100	100	100	100	100	100	100	120	33	33	33	60	60	120	120	120	120	120	120	120	120	120	120	120
27	100	100	100	100	100	100	33	33	33	33	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
28	33	50	50	50	70	22	22	32	120	120	120	120	120	120	100	60	60	60	60	60	60	60	60	100	120
29	22	22	22	22	32	32	32	120	120	120	60	60	60	60	50	50	50	50	60	60	60	60	60	60	60
30	70	22	22	32	32	32	32	32	50	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40	40
31	70	70	50	32	32	32	50	50	50	50	50	50	50	50	50	50	60	40	40	40	40	40	40	40	40
32	21	21	21	70	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	50	50
33	21	21	21	21	21	70	50	50	50	50	50	50	50	60	60	60	50	50	50	50	50	50	50	50	50
34	120	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50
35	120	120	120	120	120	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	40	40	40	40	40
36	100	100	100	120	120	120	120	120	120	120	120	120	21	21	50	50	50	50	50	50	21	21	50	50	50
37	100	100	100	100	100	100	100	100	100	120	120	120	120	21	50	50	50	21	21	21	21	21	21	21	21
38	100	100	100	100	100	100	100	100	100	100	100	120	120	21	21	21	21	21	120	120	120	120	120	120	100
	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	120	120	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10
SERIAL NO : 20000
[illegible]/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

120 CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
12	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
[illegible]	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
14	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
15	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
16	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
17	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
18	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
19	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	170	100	100	100
20	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	170	170	100	100	100
21	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
22	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	180
23	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	180	180
24	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	180	180	100
25	180	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	21	21	100	100
26	120	180	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	21	21	100	100	100
27	120	120	120	180	180	180	170	170	170	170	170	170	180	180	180	170	170	170	170	21	120	100	100	100	100
28	120	120	120	120	120	180	180	170	170	170	170	40	21	21	180	180	180	180	120	100	100	100	100	100	100
29	60	60	60	60	60	40	40	180	180	170	40	40	21	21	21	21	180	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100	100	100
31	40	40	40	40	40	40	40	40	40	40	40	21	21	21	21	100	100	100	100	100	100	100	100	100	100
32	50	50	40	40	40	40	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100
33	50	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
34	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	100	100	100	100	100
36	50	50	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100
37	21	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100
40	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100
41	100	100	100	190	190	100	100	100	100	100	100	100	100	100	100	100	190	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 7/ 4/1987

SECTION ALONG ROW : 70 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 71

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1566	124+070;1580	124B	160	162
***	124+070;1581	124B	150	36
***	124+070;1582	124B	130	45
***	124+105;1583	124B	110	4
***	124+070;1584	124B	120	4
***	124+070;1585	124B	160	108
***	124+070;1586	124B	150	75
***	124+070;1587	124B	120	9
***	124+070;1588	124B	120	2
***	124+070;1589	124B	120	18
***	124+070;1590	124B	120	53
***	124+070;1591	124B	170	30
***	124+070;1592	124B	180	53
***	124+070;1593	124B	170	425
***	124+070;1594	124B	170	86
***	124+070;1595	124B	180	11
*** 1582	124+070;1596	124B	180	28
*** 1583	120+070;1597	124B	120	4
***	120+070;1598	124B	120	10
***	120+070;1599	124B	120	8
***	120+070;1600	124B	120	42
***	124+070;1601	124B	23	7
***	124+070;1602	124B	50	5
***	124+070;1603	124B	21	5
***	124+070;1604	124B	23	12
***	124+070;1605	124B	50	16
***	124+070;1606	124B	21	66
***	124+070;1607	124B	33	15
***	124+070;1608	124B	70	16
***	124+070;1609	124B	22	7
***	124+070;1610	124B	32	4
***	124+070;1611	124B	60	7
***	124+070;1612	124B	50	77
***	124+070;1613	124B	60	31
***	124+070;1614	124B	40	49
***	124+070;1615	124B	60	5
***	124+070;1616	124B	40	4
***	124+070;1617	124B	21	32
***	124+070;1618	124B	21	3

***		124+070;1620	124B	32	2
***		124+070;1621	124B	120	1
***		124+070;1622	124B	180	0
***	1609	124+070;1623	124B	190	273

manually edit blocks:

✓ bench : 28
row : 71
col : 58 to 33

✓ bench : 28
row : 71
col : 60 to 22

✓ bench : 29
row : 71
col : 62 to 50

✓ bench : 39
row : 71
col : 67 to 120

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	150	150	150	150	150	100	100	100	100
17	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100
18	150	150	150	150	150	150	150	150	100	100	100	150	150	150	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	130	130	130	130	130	130	100	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	33	33
29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	33	50	70	120
30	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	23	23	50	50	50	70	70	70	70
31	100	100	100	100	100	100	100	100	100	100	23	23	23	23	23	50	50	50	50	50	50	70	70	70	70
32	100	100	100	100	100	100	100	100	100	100	23	50	50	50	50	50	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	100	50	21	21	21	21	21	21	21	21	21	21	21	21	21	21
34	100	100	110	110	100	100	100	100	100	21	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
35	110	110	100	100	100	100	100	23	23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	23	23	23	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	120	120	23	50	50	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	120	120	23	50	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

					33		22		50					120											
	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	180	170	170	170
8	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	180	170	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	180	180	170	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	180	180	170	170	170	170	170
11	150	150	150	150	160	160	160	160	160	160	160	160	160	160	160	170	170	170	180	170	170	170	170	170	170
12	150	150	150	150	150	150	150	160	160	160	160	160	160	160	160	160	170	180	180	170	170	170	170	170	170
13	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	170	180	170	170	170	170	170	170	170
14	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170	170
15	150	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	180	180	180	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	180	180	170	170	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170
18	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	180	180	170	170	170
22	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	180	180	180	180
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	60	23	23	23	180	180
24	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	33	60	23	23	23	120	120	180	180
25	100	100	100	100	100	100	100	100	100	100	100	120	120	33	60	60	60	23	120	120	120	120	120	120	120
26	100	100	100	100	100	100	100	100	100	120	33	33	60	60	120	120	120	120	120	120	120	120	120	120	120
27	100	100	100	100	100	33	33	33	33	33	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
28	33	33	33	70	100	22	100	120	120	120	120	60	60	60	60	60	60	60	60	60	60	60	60	120	120
29	22	22	22	22	32	120	32	32	100	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60
30	70	22	22	32	120	120	120	50	50	50	50	50	50	60	60	60	40	40	40	40	40	40	40	40	40
31	70	70	70	32	32	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
32	21	21	50	70	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	50	50	50
33	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
34	120	21	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50
35	100	100	120	120	120	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	40	40	40	40	100
36	100	100	100	120	120	120	120	120	120	120	120	120	21	50	50	50	50	50	50	50	21	21	21	100	100
37	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	21	21	21	21	21	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	21	21	100	120	120	100	100	100	100	100
39	100	100	100	100	100	100	100	100	100	100	100	100	120	100	120	120	120	120	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
12	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
[illegible]	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	170
14	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	170	170
15	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	170	170	170
16	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	170	170	170	100
17	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	170	170	170	100
18	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	170	170	170	170	100
19	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
20	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
21	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
22	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	180
23	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	180	180
24	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	180	180	180
25	180	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	21	180	180	180
26	120	180	180	170	170	170	170	170	170	170	180	180	170	170	170	170	170	170	170	170	21	21	120	100	100
27	120	120	180	180	180	170	170	170	170	40	21	180	180	180	170	170	170	170	170	120	120	100	100	100	100
28	120	120	120	120	180	180	180	170	40	21	21	21	21	180	180	180	180	180	120	100	100	100	100	100	100
29	60	60	40	40	40	40	180	40	21	21	21	21	21	21	21	21	180	100	100	100	100	100	100	100	100
30	40	40	40	40	40	40	40	21	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100
31	40	40	40	40	21	21	21	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100
32	50	40	40	120	120	120	120	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	190
33	50	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190
34	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190
35	100	100	100	100	100	100	100	100	100	190	190	100	100	100	190	190	190	190	190	190	190	190	190	190	100
36	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	100
37	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
[illegible]	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
[illegible]	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
40	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71   FROM COLUMN [104] TO COLUMN [113]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	180	100	100	100	100	100
18	100	100	100	180	100	100	100	100	100	100
19	100	100	180	180	100	100	100	100	100	100
20	100	180	180	180	100	100	100	100	100	100
21	180	180	180	100	100	100	100	100	100	100
22	180	180	180	100	100	100	100	100	100	100
23	180	180	180	100	100	100	100	100	100	100
24	180	180	100	100	100	100	100	100	100	100
25	180	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	190	190	100	100	100	100	100	100	100	100
33	190	100	100	100	100	100	100	100	100	100
34	100	100	100	100	100	100	100	100	100	100
35	100	100	100	100	100	100	100	100	100	100
36	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100
	190	190	190	190	190	190	190	190	190	190
	190	190	190	190	190	190	190	190	190	190
40	190	190	190	190	190	190	190	190	190	190
41	190	190	190	190	190	190	190	190	190	190
42	190	190	190	190	190	190	190	190	190	190
43	190	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 71 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	190	190	190	190	190	190	190	190	190	190
45	190	190	190	190	190	190	190	190	190	190
46	190	190	190	190	190	190	190	190	190	190
47	190	190	190	190	190	190	190	190	190	190
48	100	100	100	100	100	100	100	100	190	190
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 72

BACKGROUND ROCK-TYPE : 100 1DO/1CO/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1525	124+105;1539	124C	160	165
***	124+105;1540	124C	150	40
***	124+105;1541	124C	130	45
***	124+105;1542	124C	110	3
***	124+105;1543	124C	23	8
***	124+105;1544	124C	160	74
***	124+105;1545	124C	150	83
***	124+105;1546	124C	130	2
***	124+105;1547	124C	110	3
***	124+105;1548	124C	120	9
***	124+105;1549	124C	120	17
***	124+105;1550	124C	120	63
***	124+105;1551	124C	170	54
***	124+105;1552	124C	180	52
***	124+105;1553	124C	170	409
***	124+105;1554	124C	180	8
***	124+105;1555	124C	170	104
***	124+105;1556	124C	120	9
***	124+105;1557	124C	120	9
***	124+105;1558	124C	120	28
***	124+105;1559	124C	120	8
***	124+105;1560	124C	50	6
***	124+105;1561	124C	21	10
***	124+105;1562	124C	23	0
***	124+105;1563	124C	50	1
***	124+105;1564	124C	21	4
***	124+105;1565	124C	23	7
***	124+105;1566	124C	50	75
***	124+105;1567	124C	21	59
***	124+105;1568	124C	33	17
***	124+105;1569	124C	60	17
***	124+105;1570	124C	22	6
***	124+105;1571	124C	70	9
***	124+105;1572	124C	32	4
***	124+105;1573	124C	70	2
***	124+105;1574	124C	60	17
***	124+105;1575	124C	40	28
***	124+105;1576	124C	40	10
***	124+105;1577	124C	50	3

*** 1565 123+105;1579 124C 190 274

manually edit blocks

bench: 11
row: 72 to 150
col: 51

bench: 29
row: 72 to 180
col: 86

PC-MINE VERSION 1.10 | GEMCOM SERVICES INC. | SOFTWARE BY GEMCOM SERVICES INC
SERIAL NO : 20000 | Faro F8701 Geological Reserve Model | MODULE 3.09
1987 | | PAGE 1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	150 51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	100	150	150
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150
16	160	160	160	160	160	160	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
17	160	160	150	150	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100
18	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	100
24	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120
28	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	33	33
29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	23	23	60	22	22	22
30	100	100	100	100	100	100	100	100	100	100	100	100	50	100	100	23	23	23	50	60	60	60	70	22	22
31	100	100	100	100	110	110	100	100	100	100	100	21	21	23	23	50	50	50	50	50	50	50	50	50	70
32	100	110	100	100	100	100	100	100	100	100	100	21	21	120	50	50	21	21	21	21	21	21	21	21	21
33	100	100	100	100	100	100	100	100	100	100	120	120	120	120	21	21	21	21	21	21	120	120	21	21	21
34	100	100	100	100	100	100	100	100	23	23	120	120	120	100	100	120	120	120	120	120	120	120	120	120	21
35	100	100	100	100	100	100	23	23	50	50	120	100	100	100	100	100	100	100	100	100	100	100	100	100	120
36	100	100	100	100	23	23	50	50	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
37	23	23	50	50	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	21	21	21	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	170	170	170	180	180	170	170
8	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	170	180	180	170	170	170
9	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	180	180	170	170	170	170
10	160	160	160	160	160	160	160	160	160	160	160	160	170	170	170	170	170	170	180	180	170	170	170	170	170
11	150	150	150	150	150	150	150	150	160	160	160	160	170	170	170	170	170	170	180	180	170	170	170	170	170
12	150	150	150	150	150	150	150	150	150	150	150	150	150	170	170	170	170	180	180	170	170	170	170	170	170
[illegible]	150	150	150	150	150	150	150	150	150	150	150	150	150	170	170	170	170	180	180	170	170	170	170	170	170
14	150	150	150	150	150	150	150	150	150	150	150	100	100	100	170	170	180	180	170	170	170	170	170	170	170
15	150	150	150	100	100	100	100	100	100	100	100	100	100	100	170	170	180	180	170	170	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170	170	170
18	100	100	130	130	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170	170
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	170	170
22	100	100	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	170	170	170	170	180
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	180	180	170	180	170
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120	120	180	180	180	170
25	100	100	100	100	100	100	100	100	100	120	120	120	120	120	120	120	120	33	60	33	120	120	180	180	170
26	100	100	100	100	100	100	100	100	33	33	60	33	33	120	33	60	60	33	120	120	120	120	120	120	180
27	120	120	120	33	33	33	33	60	60	120	120	120	60	60	60	33	120	120	120	120	120	120	120	120	120
28	33	60	60	60	60	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
29	22	32	120	120	120	120	120	120	70	50	60	60	60	60	120	120	120	120	120	120	120	120	120	120	120
30	32	32	120	120	120	32	70	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60
31	70	70	70	70	70	50	50	50	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
32	50	50	50	50	50	50	70	70	50	50	50	50	50	50	50	50	50	40	40	40	40	40	40	40	21
33	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	40	40	120	120
34	21	21	21	21	21	21	21	21	21	21	21	21	21	50	50	50	50	50	50	50	50	50	100	100	100
35	120	120	120	120	120	120	120	21	21	21	21	21	21	21	50	50	50	50	50	50	100	100	100	100	100
36	100	100	100	100	120	120	120	100	120	120	120	21	21	21	50	50	50	50	50	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	120	21	21	50	50	21	21	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	21	21	21	21	21	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	120	21	21	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

PC-MINE VERSION 1.10
SERIAL NO : 20000
[illegible]/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 3.09

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL

CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

180

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	170
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	170	100
12	170	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100
[illegible]	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100
14	170	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100
15	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
16	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
17	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
18	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
19	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
20	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
21	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
22	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
23	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100
24	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100
25	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100
26	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100
27	180	180	170	170	170	180	180	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100
28	120	180	180	170	40	180	180	180	180	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	120	120	180	40	40	40	40	100	180	180	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	40	50	50	40	40	40	40	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	21	21	21	50	40	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
32	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190
33	120	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190
34	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190
35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190
40	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190
41	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190
42	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
43	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	190	190	100	100	100	100	100	100	100	100
33	190	190	100	100	100	100	100	100	100	100
34	190	100	100	100	100	100	100	100	100	100
35	190	100	100	100	100	100	100	100	100	100
36	190	100	100	100	100	100	100	100	100	100
37	190	190	190	190	190	190	190	190	190	190
[illegible]	190	190	190	190	190	190	190	190	190	190
[illegible]	190	190	190	190	190	190	190	190	190	190
40	190	190	190	190	190	190	190	190	190	190
41	190	190	190	190	190	190	190	190	190	190
42	190	190	190	190	190	190	190	190	190	190
43	190	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72   FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72   FROM COLUMN [79] TO COLUMN [103]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
45	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
46	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 72 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	190	190	190	190	190	190	190	190	190	190
45	190	190	190	190	190	190	190	190	190	190
46	100	190	190	190	190	190	190	190	190	190
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 73

BACKGROUND ROCK-TYPE : 100 1D0/1C0/1CD schist and phyllite waste

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
*** 1610	125+000;1624	125	160	163
***	125+000;1625	125	150	41
***	125+000;1626	125	130	48
***	125+000;1627	125	110	8
***	125+000;1628	125	160	49
***	125+000;1629	125	150	81
***	125+000;1630	125	130	4
***	125+000;1631	125	110	8
***	125+000;1632	125	120	33
***	125+000;1633	125	120	50
***	125+000;1634	125	170	93
***	125+000;1635	125	180	56
***	125+000;1636	125	170	357
***	125+000;1637	125	170	98
***	125+000;1638	125	180	6
***	125+000;1639	125	120	6
***	125+000;1640	125	120	11
***	125+000;1641	125	120	13
***	125+000;1642	125	120	1
***	125+000;1643	125	120	11
***	125+000;1644	125	23	4
***	125+000;1645	125	50	6
***	125+000;1646	125	21	15
***	125+000;1647	125	70	0
***	125+000;1648	125	60	1
***	125+000;1649	125	23	4
***	125+000;1650	125	60	10
***	125+000;1651	125	23	0
***	125+000;1652	125	50	2
***	125+000;1653	125	70	2
***	125+000;1654	125	21	11
***	125+000;1655	125	23	1
***	125+000;1656	125	33	16
***	125+000;1657	125	60	22
***	125+000;1658	125	32	1
***	125+000;1659	125	70	10
***	125+000;1660	125	60	1
***	125+000;1661	125	50	47
***	125+000;1662	125	70	3

***	1650	125+000;1664	125	40	12
***	1651	125+000;1665	125	60	0
***		125+000;1666	125	50	3
***		125+000;1667	125	40	22
***		125+000;1668	125	50	8
***		125+000;1669	125	21	15
***	1656	125+000;1670	125	190	269
***	1711	125+000;1710	125	22	5

manually edit blocks –

✓ bench: 34
row: 73 to 50
col: 39

✓ bench: 35
row: 73
col: 36 to 50

✓ bench: 27
row: 73 to 60
col: 58

✓ bench: 29
row: 73 to 120
col: 65

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [29] TO COLUMN [53] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	50 36	37	38	50 39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
11	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150
12	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150
[illegible]	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	150
14	160	160	160	160	160	160	160	160	160	160	160	160	160	150	150	150	150	150	100	150	150	150	150	150	150
15	160	160	160	160	160	160	160	160	160	150	150	150	150	150	150	150	100	100	100	100	150	150	150	150	150
16	160	160	160	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	150	150	150
17	160	160	150	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18	150	150	150	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
19	150	150	150	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
20	150	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	100	100	100	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	110	110	110
24	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	110	100	100	100	120	100
25	130	130	130	130	130	130	130	130	100	100	130	100	100	100	100	100	100	100	100	100	100	100	120	120	120
26	130	130	130	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	120	120	120	120
27	130	130	130	130	130	130	100	100	100	100	100	100	100	100	100	100	23	23	100	100	100	120	120	120	120
28	130	130	130	100	100	100	100	100	100	100	100	100	100	100	100	23	60	60	60	100	120	33	33	60	60
29	100	100	100	100	100	100	100	100	100	100	100	110	100	23	60	60	60	60	60	60	23	60	22	22	120
30	100	100	100	100	100	100	100	110	110	110	100	100	60	50	50	70	21	21	21	21	22	22	22	120	120
31	100	100	100	100	110	110	100	100	100	100	100	100	21	21	21	21	21	120	120	120	120	60	50	50	70
32	100	110	110	100	100	100	100	100	100	100	100	21	21	120	120	120	100	100	100	100	100	21	21	21	50
33	100	100	100	100	100	100	100	100	100	100	100	120	120	120	100	100	100	100	100	100	100	100	120	21	50
34	100	100	100	100	100	100	100	23	23	60	100	120	120	100	100	100	100	100	100	100	100	100	100	21	21
35	100	100	23	23	50	50	50	100	21	21	120	100	100	100	100	100	100	100	100	100	100	100	100	21	21
36	50	50	50	21	21	21	21	21	21	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120
37	21	21	21	21	21	120	120	120	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	21	120	120	120	120	100	100	120	120	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

60 120

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	180	180	170	170
8	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	170	170	170	170	180	180	170	170	170
9	160	160	160	160	160	160	160	160	170	170	170	170	170	170	170	170	170	170	170	180	180	170	170	170	170
10	160	160	160	160	160	160	150	150	150	170	170	170	170	170	170	170	170	170	180	180	170	170	170	170	170
11	150	150	150	150	150	150	150	150	150	170	170	170	170	170	170	170	170	170	180	180	170	170	170	170	170
12	150	150	150	150	150	150	150	150	150	150	170	170	170	170	170	170	170	180	180	170	170	170	170	170	170
	150	150	150	150	150	150	150	150	150	150	170	170	170	170	170	170	170	180	180	170	170	170	170	170	170
14	150	150	150	150	150	150	150	150	150	150	170	170	170	170	170	170	180	180	170	170	170	170	170	170	170
15	150	150	150	150	150	150	150	100	100	100	100	170	170	170	170	170	180	180	170	170	170	170	170	170	170
16	100	100	100	100	100	100	100	100	100	100	100	170	170	170	170	180	180	170	170	170	170	170	170	170	170
17	100	100	100	100	100	100	100	100	100	100	100	100	170	170	170	180	180	170	170	170	170	170	170	170	170
18	100	130	130	130	130	100	100	100	100	100	100	100	170	170	180	180	170	170	170	170	170	170	170	170	170
19	100	100	100	100	100	100	100	100	100	100	100	100	170	170	180	180	170	170	170	170	170	170	170	170	170
20	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	170	170	170	170	170	170	170	170	170
21	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	170	170	170	170	170	170	170	170	180
22	100	110	110	110	110	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	170	170	170
23	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	170	170	170	170	170	180	170
24	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	180	180	180	170	170	170	170	170
25	120	100	100	100	100	100	100	120	120	120	120	120	100	100	100	100	100	100	100	180	180	170	180	170	170
26	120	120	120	120	120	120	120	33	60	60	60	33	120	100	100	120	120	33	33	33	180	180	180	170	170
27	120	120	33	33	100	60	60	60	120	120	120	60	60	120	120	33	60	60	33	33	120	180	180	180	170
28	60	60	60	60	60	60	120	120	120	120	120	120	33	60	60	60	33	120	120	120	120	120	120	180	40
29	120	120	120	120	120	120	120	120	70	70	70	100	120	33	33	120	120	120	120	120	120	120	120	40	40
30	120	120	120	120	120	32	70	50	50	50	50	40	40	120	120	120	120	120	120	120	120	120	50	50	40
31	70	70	70	70	70	50	50	50	50	50	50	50	50	40	40	40	40	40	40	40	50	50	50	50	50
32	50	50	50	50	50	70	70	70	50	50	50	50	50	50	50	50	40	40	40	21	21	21	21	21	21
33	50	50	50	50	21	21	21	21	21	21	21	50	50	50	50	50	50	21	21	21	21	21	21	21	21
34	21	21	21	21	21	21	21	21	21	21	21	21	21	50	50	50	100	100	120	120	120	120	120	120	100
35	21	21	120	120	120	120	120	120	21	21	21	21	21	50	50	100	100	100	100	100	100	100	100	100	100
36	120	100	100	100	100	100	100	100	120	120	100	21	21	100	100	100	100	100	100	100	100	100	100	100	100
37	100	100	100	100	100	100	100	100	100	100	100	120	100	100	100	100	100	100	100	100	100	100	100	100	100
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
43	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
8	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	170	100
9	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100
10	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
11	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100
12	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100
	170	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100
14	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100
15	170	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100
16	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100
17	170	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100
18	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100
19	180	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100
20	170	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100
21	170	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100
22	170	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100
23	170	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	170	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	170	170	170	170	170	170	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	170	170	180	180	180	170	170	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	50	50	50	40	180	180	170	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	40	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	40	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	40	40	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	50	40	40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
32	21	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
33	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190
34	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190
35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190
36	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190
37	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190
38	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190
	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190
40	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190
41	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190
42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190
43	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
1	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100
11	100	100	100	100	100	100	100	100	100	100
12	100	100	100	100	100	100	100	100	100	100
[illegible]	100	100	100	100	100	100	100	100	100	100
14	100	100	100	100	100	100	100	100	100	100
15	100	100	100	100	100	100	100	100	100	100
16	100	100	100	100	100	100	100	100	100	100
17	100	100	100	100	100	100	100	100	100	100
18	100	100	100	100	100	100	100	100	100	100
19	100	100	100	100	100	100	100	100	100	100
20	100	100	100	100	100	100	100	100	100	100
21	100	100	100	100	100	100	100	100	100	100
22	100	100	100	100	100	100	100	100	100	100
23	100	100	100	100	100	100	100	100	100	100
24	100	100	100	100	100	100	100	100	100	100
25	100	100	100	100	100	100	100	100	100	100
26	100	100	100	100	100	100	100	100	100	100
27	100	100	100	100	100	100	100	100	100	100
28	100	100	100	100	100	100	100	100	100	100
29	100	100	100	100	100	100	100	100	100	100
30	100	100	100	100	100	100	100	100	100	100
31	100	100	100	100	100	100	100	100	100	100
32	190	190	100	100	100	100	100	100	100	100
33	190	190	100	100	100	100	100	100	100	100
34	190	100	100	100	100	100	100	100	100	100
35	190	190	190	100	100	100	100	100	100	100
36	190	190	190	190	190	190	190	190	190	190
37	190	190	190	190	190	190	190	190	190	190
38	190	190	190	190	190	190	190	190	190	190
[illegible]	190	190	190	190	190	190	190	190	190	190
40	190	190	190	190	190	190	190	190	190	190
41	190	190	190	190	190	190	190	190	190	190
42	190	190	190	190	190	190	190	190	190	190
43	190	190	190	190	190	190	190	190	190	190

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73   FROM COLUMN [29] TO COLUMN [53]   TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [54] TO COLUMN [78] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
44	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
45	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
46	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL   CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73   FROM COLUMN [79] TO COLUMN [103] TOP ELEVATION : 4270.00 ft   BOTTOM ELEVATION : 3090.00 ft

	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
44	100	100	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	190
45	100	100	100	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100
46	100	100	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100
47	100	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100
48	100	100	100	100	100	190	190	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	190	190	190	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	190	190	190	190	190	190	100	100	100	100	100	100	100	100	100	100	100	100	100

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION : GEOLOGY SECTION MODEL CREATED ON : 8/ 4/1987

SECTION ALONG ROW : 73 FROM COLUMN [104] TO COLUMN [113] TOP ELEVATION : 4270.00 ft BOTTOM ELEVATION : 3090.00 ft

	104	105	106	107	108	109	110	111	112	113
44	190	190	190	190	190	190	190	190	190	190
45	100	100	100	190	190	190	190	190	190	190
46	100	100	100	100	100	100	100	100	100	100
47	100	100	100	100	100	100	100	100	100	100
48	100	100	100	100	100	100	100	100	100	100
49	100	100	100	100	100	100	100	100	100	100
50	100	100	100	100	100	100	100	100	100	100

Cross Section Digitizing

Row	Section	Deleted	Polygons Start	Polygons End	Ore Polygons Start	Ore Polygons End
39	116+070		1	34	19	31
40	116+105		35	70 + 1681	52	68
41	117+000		71	108	88	106
42	117+035		109	158	135	157
43	117+070		159	215	189	213
44	117+105		216	285	246	282
45	118+000		286	358	323	355
46	118+035		359	414	386	412
47	118+070		415	474 + 1685	443	472
48	118+105		475	527 + 1686-1691	502	525
4[illegible]	119+000		528	586 + 1692 + 1693	555	584
50	119+035		587	646 +1694	615	644
51	119+070		647	704 ~~[illegible]~~	674	702
52	119+105		705	764 +	733	762
53	120+000	792, 801, 802,	765	791	788	791
		810, 811, 793	793	800	793	800
			803	809	803	813
			812	815	1671	1677
		(1694 - 1697)	1671	1677		
54	120+035		816	864	838	862
55	120+070		865	908	883	906
56	120+105		909	954	926	951
57	121+000		955	1005	972	1001
58	121+035		1006	1050	1022	1036
					1038	1047

Row	Section	Deleted	Polygons Start	Polygons End	Orc Polygons Start	Orc Polygons End
59	121+070		1051	1087	1066	1082
					1086	
60	121+105		1088	1120	1102	1119
61	122+000		1121	1156	1136	1155
62	122+035		1157	1197	1175	1195
63	122+070		1198	1237	1215	1234
64	122+105		1238	1289	1258	1286
65	123+000	1310, 1313	1290	1309	1309	
			1311	1312	1311	1312
			1314	1346	1314	1322
			1678	1680	1324	1339
					1678	1680
66	123+035	1356, 1360, 1362,	1347	1355	1361	
		1367, 1369, 1378,	1357	1359	1363	1366
		1380, 1385, 1684,	1361		1368	
		1685	1363	1366	1370	1377
			1368		1379	
			1370	1377	1682	1683
			1379		1686	1689
			1381	1384	1691	1693
			1682	1683		
			1686	1693		
67	123+070		1386	1420	1398	1416
68	123+105		1421	1454	1435	1449
6[illegible]	124+000		1455	1494	1475	1493
70	124+035		1539	1579	1560	1578

Row	Section	Polygons Start	Polygons End	Ore Polygons Start	Ore Polygons End
71	124+105	1539	1579	1560	1578
72	124+070	1580	1623	1602	1620
73	125+000	1624	1670	1644	1669

TOPOGRAPHY

CURRAGH RESOURCES
PERSONAL COMPUTER
PROGRAM LIBRARY

Program ID: BSLIMPRT.EXE Language: FORTRAN77

Program name: Program Dev$\Program Dir$\BSLIMPRT.FOR

Description: BSLIMPRT is designed to read the survey traverse strings contained in a BSL-month end survey file. The strings are decoded and written to an output ASCII file as elevation data records. The output file is fully compatible with importing into PCMINE software system as an extraction file.

Panels: Screen #1 - Program Run Parameters xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Program Revision Log

Date	Name	Revisions
01/28/1986	LCP	.Original
02/11/1986	LCP	.Windows for area of interest

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Documentation Revision Log

Date	Name	Revisions
03/11/1986	LCP	.Original

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

1.) INTRODUCTION

All pit elevation measurements for the Faro pit area are stored in the Survey Point Data Base (SPDB) on the HP3000 computer located at the Minesite. Elevations are stored as strings forming traverses; each traverse consists of a sequence of elevation data points. Each data point within a single traverse contains a Northing, Easting, and elevation. Northings and Eastings are reported in Faro Mine coordinates.

At the end of each month the survey traverses are updated and transferrred to a BSL file (Bench-Status-Line) within the SPDB system. The BSL file contains all survey traverses delineating the pit outline topographic surface for that month-end. This file represents a useful source of Faro pit surface elevation data for updating the surface topography grids in PCMINE mine modelling software.

BSLIMPRT.FOR is a FORTRAN77 program designed to read the survey traverse elevation strings contained in the BSL file. The strings are decoded, Mine coordinates (Northings and Eastings) are converted to PC Mine Model coordinates, and elevation data points are output to a sequential ASCII file.

2.) HARDWARE CONFIGURATION

BSLIMPRT was written for an IBM-compatible personal computer with 640 Kbytes of available memory. The operating system for the computer is MS-DOS 3.0 or equivalent. Screen escape codes in the program are designed for a colour monitor coupled with an EGA enhanced graphics card.

The program requires at least one disk drive for input and output. This drive may be either for a hard disk or floppy disk.

BSLIMPRT is written in FORTRAN77. The program was compiled and linked using Microsoft Fortran77 version 3.31 (August 1985). The program is fully compatible with Fortran77 system requirements.

3.) DATA FILES

Input File

The BSL input data file for BSLIMPRT must be a sequential ASCII file copy of the desired BSL file stored on the HP3000 computer. This ASCII file must be downloaded from the HP3000 system to an IBM compatible personal computer system. At the Faro Minesite this file transfer is readily accomplished using the software package REFLECTIONS (consult with Computer Information Services at the Minesite). The input data file readily fits on a double sided, double density, 5.25 inch floppy diskette.

Figure 1 illustrates the initial records for the November 1986 month end BSL file (file BSL8611D). The first traverse is outlined by the box; it consists of 7 elevation measurements. Each string of 16 numbers consists of Mine Northing, Mine Easting, and elevation for a single data point.

Output File

The output data file created and filled by BSLIMPRT is also a sequential ASCII file. This output file readily fits on a double sided, double density, floppy diskette.

Figure 2 shows the initial records for the output file generated by BSLIMPRT from the BSL8611D November month end file. The 7 lines outlined by the box correspond to the 7 elevation data points forming the traverse indicated in Figure 1. Each record in the output file consists of a PCMINE Mine Model Northing, PCMINE Mine Model Easting, and Mine Elevation corresponding to a single surveyed data point. The record format of the output file is fully compatible with importing the elevation data points into the PCMINE software system as an extraction file.

Each data record in the output file has the following format:

FORMAT	ITEM
2X, F 10.2	PCMINE Model Northing
2X, F 10.2	PCMINE Model Easting
2X, F 10.2	Mine Elevation
2X, F 11.3	YYMM.000 - year and month of input BSL file.
2X, I 10	sequential record number of output file - increases from 1 at start of file.
10X, I 4	YYMM - year and month of input BSL file

This format corresponds exactly to the standard format described for PCMINE extraction files. The last three items in the above list are correlated with the real, integer, and character variable, respectively, of the extraction file.

4.) PROGRAM EXECUTION

Program Start

Execution of BSLIMPRT is started by simply typing BSLIMPRT after the MS-DOS prompt. For this command to work properly, the executable file BSLIMPRT.EXE must either be located on the current drive or be accessible through a previously defined MS-DOS PATH command.

Program Run Parameters (Screen #1)

With start of the program, BSLIMPRT clears the monitor display and generates a program header display. The program then proceeds to request information on several parameters required for successful completion of the program run. The following illustrates the screen display for the BSLIMPRT program:

```
------------------------------------------------------------------------
CURRAGH RESOURCES                                      PROGRAM BSLIMPRT
------------------------------------------------------------------------

Enter name of BSL File containing elevations:__________________
Enter name of output extraction file:__________________________

Enter minimum and maximum model  coordinates for screening the data
points.

           Minimum Easting:_______________
           Maximum Easting:_______________

           Minimum Northing:______________
           Maximum Norhting:______________

TOTAL NUMBER OF DATA POINTS PROCESSED: 5429
NUMBER OF POINTS WRITTEN TO OUTPUT FILE: 2819
```

Initially the program asks for the names of the input BSL data file and the output file. Up to a maximum of 64 characters are allowed for each file name. The data files do not have to be located on the current directory; if not, the file names entered should include the appropriate drive and subdirectories as part of the file name. File names must correspond to MS-DOS file naming conventions.

Next the program requests the minimum and maximum Eastings and Northings outlining the area of interest for a particular program run. Only those elevation data points located within the area of interest are written to the output file; all data points outside the defined rectangle are ignored.

Eastings and Northings requested by BSLIMPRT are in PCMINE Mine Model coordinates. The edge of the rectangle outlining the area of interest are therefore parallel to geological cross and long sections for Faro. The rectangle is rotated 45 degrees relative to the Faro Mine coordinates.

This rectangular area of interest restriction provided a useful means of subdividing the input BSL data file into 2 or more subset output data files.

PCMINE software restricts elevation files to a maximum of 5000 records. The output file created from the November 1986 BSL file contains 5429 records. For proper use within the PCMINE system, this output file had to be subdivided into two or more output files with a smaller number of records. The area of interest request allows one to separate the data points into different output files on the basis of location.

BSLIMPRT then proceeds to read each of the traverses contained in the input BSL file. Each traverse is decoded into its constituent elevation data points. Mine coordinates for each data point are converted to PCMINE Mine Model coordinates. Each data point is then checked against the rectangle defined by the minimum and maximum Eastings and Northings. If the data point is outside the rectangle, it is discarded. Any data point located within the desired area is written to the output ASCII file as a data record.

After all the points in the BSL input file are processed, the program automatically terminates. The final two lines on the screen display summarize the total number of data points contained in the input file and the number of data points written to the output file.

5. ERROR MESSAGES

BSLIMPRT does not contain any error-trapping subroutines. If an unexpected response is encountered, the program terminates with an error condition and a system error message is displayed on the screen. To continue just retype the program name to restart the program; be careful to check your screen entries for correctness before pressing the ENTER key.

Figure 1. Input file BSL8611D - November 1986 month end SPDB data file.

```
603590108611  7     9589513883436236 9645713927136164 9703913969936112
61 9723914041736034 9711514115035993 9653914170135950 9699614273835984
603590118611 22     9582614335435952 9595314341735971 9607414389135988
61 9633014402435984 9700314407035978 9729414374435979 9743714315535993
61 9758214269735993 9773214212835980 9786214168835987 9793314138835985
61 9827114088936030 9812814065636025 9788814043836019 9804014005636033
61 9800113975636052 9800213939536052 9773713914336092 9700713871436137
61 9617513829836244 9555113766136298 9435713663936419
603590118611 26     9582614335435952 9557014333635948 9517514351835936
61 9475014387135909 9444214396435909 9407814363735900 9378814321635904
61 9338314280335915 9301614236235906 9272214197735915 9241514156335927
61 9242114118335935 9225614073935931 9228014036235938 9273314023635902
61 9309914053435895 9340614089235909 9389214105035905 9444614103935905
61 9481514109135919 9521514121935920 9561014091335939 9594814078835979
61 9620914091635978 9662414062736015 9673214025436085
603590108611  8     9282114122935903 9352114140635894 9419114152135900
61 9498714163535898 9604914190135915 9577114285535906 9469414277735907
61 9379314264235900
603610118611  4     9845214085836153 9863014021336091 9875213991036106
61 9814213942636093
603610128611  6     9814213942636093 9823913989436091 9801914041236086
61 9821014062736120 9840814068336104 9845214085836153
603610118611 22     9164614066136094 9129213998936100 9107113947236116
61 9082113896636098 9078613856836098 9090213823136096 9119613780636110
61 9144813733936097 9143113695736107 9174513664636104 9196513643336104
61 9234513644736120 9238213682836118 9235013754436096 9266813767236117
61 9298613761036149 9318713780636147 9278213816636116 9299313830936118
61 9358413841736165 9360113883236118 9448013867236106
603610128611  5     9582614335435952 9579714360836094 9600814409436112
61 9642314419236101 9711514428836151
603610118611  9     9711514428836151 9694814455736113 9717714503536132
61 9749214553236141 9722214591736106 9675414606736100 9644514600936095
61 9634114609136094 9622714604436083
603610108611  6     9697914516936092 9641014564236073 9582314524736057
61 9620014465036083 9563314421836101 9533514486536072
603610108611 12     9620313970036156 9553614000436142 9467213995236129
61 9390213987836090 9318613971336080 9244913983536081 9204413942636079
61 9148913911036077 9204013862236074 9210413788736075 9159213774736077
61 9172313731036086
603610118611  5     9447313867236103 9494813891736101 9535413920236106
61 9531213942936111 9510813951336115
603610118611 11     9622414604136083 9565414561136074 9510714503736080
61 9452414443636113 9416714391636120 9359014343136167 9316914283036106
61 9277814225836101 9240914183636110 9204114124636105 9164214065736095
603610128611 17     9673214025436085 9660414043636135 9624914067436149
61 9586414059636135 9534114081636125 9512814105036119 9463314086136105
61 9408814088536075 9360714075436090 9329514049736102 9296314020436093
61 9274814006536053 9238614017036067 9212914048136068 9211314077736024
61 9222314119336045 9220514149636055
603610128611  5     9582614335435952 9564014347236095 9520114378736110
61 9483714409136097 9446714421236109
603630108611  9     9524513854436336 9463413766136401 9413313693036432
61 9425413643136453 9366413607236511 9324513533236553 9314613495436530
61 9349313509936547 9386013443736594
```

Figure 2. Output file created by program BSLIMPRT from input file BSL8611D (November 1986 month end SPDB data file)

39085.07	21748.61	3623.60	8611.000	1	8611
39093.91	21819.24	3616.40	8611.000	2	8611
39104.80	21890.66	3611.20	8611.000	3	8611
39068.18	21955.58	3603.40	8611.000	4	8611
39007.57	21998.64	3599.30	8611.000	5	8611
38927.89	21996.87	3595.00	8611.000	6	8611
38886.87	22102.51	3598.40	8611.000	7	8611
38760.58	22063.34	3595.20	8611.000	8	8611
38765.11	22076.77	3597.10	8611.000	9	8611
38740.15	22118.85	3598.80	8611.000	10	8611
38748.84	22146.35	3598.40	8611.000	11	8611
38793.18	22197.19	3597.80	8611.000	12	8611
38836.81	22194.72	3597.90	8611.000	13	8611
38888.57	22163.18	3599.30	8611.000	14	8611
38931.21	22141.05	3599.30	8611.000	15	8611
38982.05	22111.42	3598.00	8611.000	16	8611
39022.36	22089.50	3598.70	8611.000	17	8611
39048.59	22073.31	3598.50	8611.000	18	8611
39107.77	22061.92	3603.00	8611.000	19	8611
39114.14	22035.34	3602.50	8611.000	20	8611
39112.58	22002.95	3601.90	8611.000	21	8611
39150.34	21986.69	3603.30	8611.000	22	8611
39168.80	21962.72	3605.20	8611.000	23	8611
39194.39	21937.26	3605.20	8611.000	24	8611
39193.47	21900.70	3609.20	8611.000	25	8611
39172.19	21818.75	3613.70	8611.000	26	8611
39142.77	21730.50	3624.40	8611.000	27	8611
39143.70	21641.34	3629.80	8611.000	28	8611
39131.53	21484.64	3641.90	8611.000	29	8611
38760.58	22063.34	3595.20	8611.000	30	8611
38743.75	22043.96	3594.80	8611.000	31	8611
38702.95	22028.90	3593.60	8611.000	32	8611
38647.94	22023.81	3590.90	8611.000	33	8611
38619.59	22008.61	3590.90	8611.000	34	8611
38616.97	21959.75	3590.00	8611.000	35	8611
38626.23	21909.47	3590.40	8611.000	36	8611
38626.80	21851.63	3591.50	8611.000	37	8611
38632.03	21794.50	3590.60	8611.000	38	8611
38638.46	21746.48	3591.50	8611.000	39	8611
38646.03	21695.50	3592.70	8611.000	40	8611
38673.32	21669.05	3593.50	8611.000	41	8611
38693.05	21625.99	3593.10	8611.000	42	8611
38721.41	21601.03	3593.80	8611.000	43	8611
38762.35	21624.15	3590.20	8611.000	44	8611
38767.16	21671.11	3589.50	8611.000	45	8611
38763.55	21718.13	3590.90	8611.000	46	8611
38786.75	21763.67	3590.50	8611.000	47	8611
38826.70	21802.06	3590.50	8611.000	48	8611
38849.11	21831.83	3591.90	8611.000	49	8611
38868.35	21869.17	3592.00	8611.000	50	8611

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [1] TO COLUMN [25] ROW [1] TO ROW [43]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
3	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
4	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
8	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
9	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
10	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
11	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
12	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
13	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
14	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
15	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
16	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
17	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
18	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
19	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
20	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
21	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
22	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4070	4061
23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4070	4062	4059
24	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4069	4063	4064
25	4029	4036	4036	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4066	4061	4056	4057
26	4029	4031	4036	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4063	4063	4053	4053	4054	4058
27	4025	4027	4031	4034	4031	4030	4029	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4054	4055	4053	4055	4055	4042
28	4023	4026	4029	4030	4028	4025	4024	4019	4034	4033	4270	4270	4052	4052	4054	4055	4270	4050	4051	4051	4051	4057	4045	4048	4048
29	4020	4022	4024	4022	4021	4023	4023	4019	4027	4031	4036	4048	4047	4054	4049	4046	4046	4049	4045	4042	4043	4044	4042	4042	4037
30	4017	4018	4025	4023	4023	4019	4019	4019	4024	4026	4033	4038	4038	4045	4047	4045	4048	4048	4039	4039	4037	4032	4036	4030	4024
31	4270	4016	4016	4018	4018	4018	4018	4019	4020	4022	4024	4033	4034	4036	4041	4036	4037	4038	4031	4034	4033	4030	4024	4017	4020
32	4014	4015	4015	4016	4017	4017	4018	4018	4019	4020	4020	4027	4026	4028	4032	4030	4033	4037	4033	4032	4027	4021	4021	4015	4010
33	4007	4006	4002	4004	4008	4003	4012	4018	4018	4019	4019	4019	4020	4025	4028	4029	4023	4025	4024	4019	4019	4014	4015	4012	4002
34	3998	3993	3990	3996	3996	4001	4005	3997	4003	4008	4019	4019	4019	4020	4020	4020	4020	4023	4011	4012	4015	4017	4010	4007	4001
35	3988	3983	3977	3974	3983	3981	3989	3989	3989	4002	3999	4008	4009	4014	4014	4018	4020	4020	4016	4013	4018	4005	3996	4000	4001
36	3979	3974	3973	3976	3974	3975	3977	3975	3980	3982	3990	3996	4001	4011	4015	4010	4019	4019	4015	4015	4004	3999	3999	3999	3988
37	3973	3973	3974	3974	3975	3974	3976	3975	3976	3976	3975	3978	3989	3992	3997	4008	4011	4016	4017	4010	4003	3997	3995	3991	3982
38	3975	3976	3977	3977	3977	3978	3977	3977	3977	3977	3977	3979	3980	3979	3977	3988	4000	4006	4005	4003	4005	3997	3990	3992	3978
39	3976	3976	3976	3977	3977	3977	3977	3978	3978	3979	3979	3980	3980	3979	3981	3979	3979	3990	3986	3993	3999	3995	3994	3990	3982
40	3976	3976	3976	3977	3977	3977	3978	3978	3978	3978	3979	3980	3981	3980	3979	3979	3981	3987	3989	3991	3995	3993	3989	3990	3978
41	3975	3976	3976	3976	3977	3977	3978	3978	3978	3979	3979	3980	3981	3981	3981	3983	3990	3990	3993	3997	3996	3991	3990	3990	3982
42	3975	3975	3976	3976	3977	3977	3978	3978	3979	3979	3980	3981	3981	3983	3984	3991	3995	4000	4000	4000	3997	3993	3990	3988	3964
43	3976	3976	3976	3976	3977	3977	3977	3978	3979	3980	3981	3982	3983	3988	3999	4000	4004	4000	4001	4003	3996	3991	3989	3980	3960

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [26] TO COLUMN [50] ROW [1] TO ROW [43]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4037	4037	4037	4038	4032	4025	4022	4017
2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4035	4035	4036	4036	4031	4031	4031	4025	4020	3986
3	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4035	4035	4030	4033	4027	4019	4011	4000	3983	3956
4	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4035	4035	4035	4035	4030	4028	4026	4005	3985	3975	3959	3941
5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4034	4035	4035	4029	4029	4029	4024	4019	3992	3968	3955	3942	3931	3908
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4035	4035	4029	4028	4031	4025	4007	3999	3973	3948	3934	3924	3905	3880
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4034	4030	4029	4028	4014	4008	3995	3971	3940	3930	3909	3910	3896	3881	3870
8	4270	4270	4270	4270	4270	4270	4031	4031	4032	4032	4033	4029	4024	4025	3998	3986	3946	3941	3921	3910	3892	3874	3849	3823	3811
9	4270	4270	4270	4270	4270	4031	4031	4031	4031	4027	4026	4025	4019	4002	3972	3943	3930	3909	3909	3880	3858	3839	3819	3813	3803
10	4270	4270	4270	4270	4032	4031	4031	4031	4031	4028	4015	4022	3988	3976	3944	3922	3903	3874	3861	3835	3829	3813	3805	3799	3799
11	4270	4270	4270	4270	4032	4032	4032	4027	4026	4025	4017	3991	3970	3957	3938	3903	3873	3851	3842	3828	3819	3813	3807	3801	3800
12	4270	4270	4270	4033	4033	4032	4029	4026	4023	4018	3988	3973	3935	3927	3890	3869	3852	3838	3828	3821	3814	3807	3805	3802	3801
13	4270	4270	4033	4033	4033	4033	4028	4025	4007	3988	3973	3942	3921	3911	3874	3859	3845	3831	3821	3817	3813	3808	3806	3805	3802
14	4270	4270	4033	4033	4033	4029	4027	4010	4002	3977	3945	3932	3915	3903	3880	3851	3843	3822	3818	3814	3813	3811	3809	3795	3774
15	4270	4270	4032	4032	4032	4027	4025	4023	3989	3977	3946	3929	3911	3888	3851	3841	3821	3818	3816	3815	3815	3815	3782	3749	3719
16	4270	4032	4032	4032	4028	4026	4018	4000	3986	3967	3940	3910	3881	3870	3847	3829	3821	3819	3818	3817	3817	3815	3777	3738	3712
17	4270	4032	4032	4027	4026	4016	4020	3981	3965	3936	3934	3894	3869	3862	3849	3825	3822	3820	3820	3819	3818	3785	3757	3704	3696
18	4270	4270	4033	4029	4026	4017	4005	3978	3950	3934	3924	3903	3876	3862	3845	3831	3824	3822	3822	3822	3789	3774	3737	3697	3688
19	4270	4032	4032	4026	4025	4018	4001	3980	3946	3926	3917	3900	3867	3843	3836	3828	3827	3825	3824	3824	3812	3768	3721	3709	3683
20	4051	4044	4038	4027	4017	4016	3990	3966	3930	3917	3913	3886	3842	3834	3833	3831	3827	3826	3824	3824	3810	3775	3724	3702	3687
21	4048	4046	4040	4036	4023	4025	3984	3961	3931	3913	3912	3878	3867	3845	3835	3833	3830	3827	3825	3809	3775	3748	3704	3691	3672
22	4058	4057	4048	4032	4015	4004	3990	3971	3936	3917	3894	3878	3844	3845	3838	3834	3833	3831	3827	3806	3748	3704	3695	3681	3665
23	4059	4056	4039	4026	4008	4002	3990	3973	3940	3924	3892	3878	3853	3850	3841	3842	3836	3834	3822	3793	3731	3703	3693	3682	3669
24	4064	4059	4053	4024	4014	4002	3990	3956	3933	3910	3902	3865	3854	3844	3844	3843	3842	3841	3838	3791	3748	3717	3700	3683	3675
25	4057	4050	4045	4022	4000	3991	3976	3957	3941	3921	3882	3866	3853	3845	3844	3843	3842	3841	3842	3789	3728	3701	3698	3694	3671
26	4050	4042	4041	4017	4007	3993	3975	3950	3930	3910	3890	3858	3848	3849	3847	3842	3841	3839	3819	3765	3731	3707	3694	3678	3667
27	4042	4032	4028	4013	3999	3987	3963	3945	3925	3906	3892	3849	3850	3852	3848	3846	3836	3828	3812	3759	3737	3708	3692	3677	3663
28	4043	4017	4014	4005	3990	3984	3958	3948	3929	3895	3870	3859	3853	3853	3848	3847	3839	3833	3810	3765	3723	3712	3687	3677	3650
29	4025	4020	4012	3999	3996	3988	3959	3942	3920	3894	3864	3860	3857	3857	3853	3842	3832	3823	3806	3747	3719	3699	3689	3670	3651
30	4018	4013	4010	3999	3990	3979	3958	3930	3916	3894	3870	3859	3859	3861	3848	3846	3834	3815	3784	3748	3715	3696	3683	3669	3655
31	4021	4008	4006	3983	3982	3970	3954	3942	3913	3899	3877	3864	3865	3859	3844	3833	3822	3795	3788	3748	3716	3700	3683	3670	3652
32	4003	3995	3997	3984	3985	3974	3947	3930	3916	3890	3870	3867	3863	3860	3839	3833	3823	3795	3757	3749	3733	3699	3688	3673	3655
33	4002	4002	3983	3979	3984	3967	3940	3918	3904	3887	3879	3872	3865	3851	3844	3825	3807	3789	3761	3751	3730	3711	3691	3685	3678
34	3996	3983	3982	3973	3958	3949	3932	3904	3891	3882	3881	3871	3863	3857	3839	3824	3809	3793	3775	3756	3735	3724	3709	3700	3687
35	3990	3979	3968	3968	3942	3942	3921	3908	3892	3883	3879	3872	3865	3852	3839	3829	3813	3797	3776	3761	3750	3741	3739	3719	3690
36	3976	3973	3969	3956	3946	3924	3913	3901	3892	3884	3882	3864	3852	3837	3834	3828	3812	3800	3789	3785	3777	3760	3743	3714	3688
37	3969	3967	3955	3949	3933	3912	3898	3888	3884	3883	3882	3882	3852	3842	3834	3824	3822	3808	3797	3790	3790	3790	3772	3727	3707
38	3972	3962	3951	3940	3923	3905	3891	3886	3886	3884	3882	3878	3860	3848	3836	3824	3823	3818	3819	3819	3827	3805	3791	3724	3711
39	3974	3953	3941	3925	3918	3905	3892	3890	3887	3885	3883	3873	3868	3856	3848	3828	3828	3826	3820	3815	3812	3806	3785	3734	3710
40	3970	3961	3944	3943	3924	3908	3891	3890	3890	3886	3886	3885	3873	3864	4270	4270	4270	3823	3812	3810	3806	3801	3788	3771	3743
41	3964	3953	3947	3945	3918	3901	3895	3896	3896	3893	3890	3887	3885	3885	3882	3881	4270	4270	3794	3810	3817	3810	3792	3767	3738
42	3946	3942	3927	3915	3897	3898	3896	3897	3895	3892	3888	3885	3885	3884	3880	3881	4270	4270	3880	3880	3880	3864	3843	3765	3750
43	3939	3913	3903	3899	3894	3897	3899	3899	3897	3887	3884	3883	3884	3880	3880	3876	3876	3879	3880	3878	3880	3881	3871	3784	3752

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North   CREATED ON : 13/ 2/1987

GRID RECORD : 1   COLUMN [51] TO COLUMN [75] ROW [1] TO ROW [43]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
1	4001	3983	3978	3963	3949	3948	3942	3931	3916	3879	3872	3873	3865	3839	3801	3790	3791	3787	3788	3781	3781	3775	3763	3759	3760
2	3966	3955	3945	3927	3933	3928	3918	3915	3881	3874	3848	3847	3811	3782	3785	3785	3786	3780	3765	3764	3757	3751	3751	3753	3753
3	3951	3931	3920	3917	3910	3902	3888	3879	3865	3839	3826	3801	3785	3779	3779	3769	3774	3763	3764	3753	3752	3750	3749	3751	3749
4	3918	3909	3902	3892	3875	3862	3854	3846	3835	3791	3777	3773	3775	3775	3774	3772	3768	3756	3754	3754	3752	3749	3747	3744	3742
5	3901	3881	3876	3864	3855	3839	3850	3837	3815	3780	3770	3769	3770	3770	3769	3767	3761	3757	3755	3753	3752	3747	3747	3739	3738
6	3871	3866	3854	3829	3834	3835	3829	3804	3796	3774	3771	3771	3770	3769	3766	3766	3756	3753	3752	3754	3748	3747	3742	3737	3736
7	3841	3840	3818	3813	3810	3803	3801	3791	3781	3780	3777	3775	3774	3768	3766	3755	3749	3750	3755	3748	3743	3742	3739	3735	3736
8	3825	3805	3803	3796	3796	3789	3788	3786	3783	3780	3778	3777	3773	3758	3751	3741	3737	3733	3742	3744	3733	3735	3735	3730	3732
9	3797	3800	3798	3793	3791	3789	3788	3787	3785	3774	3766	3751	3738	3721	3726	3723	3723	3723	3723	3723	3725	3725	3723	3724	3727
10	3798	3797	3795	3793	3792	3790	3789	3773	3750	3741	3721	3711	3709	3714	3718	3716	3712	3712	3715	3716	3720	3721	3719	3721	3721
11	3799	3798	3795	3795	3775	3757	3748	3729	3721	3707	3706	3705	3704	3707	3710	3711	3712	3711	3715	3713	3717	3716	3717	3718	3720
12	3799	3798	3782	3751	3741	3733	3723	3709	3707	3704	3702	3701	3702	3703	3705	3707	3708	3708	3710	3711	3713	3715	3716	3717	3717
13	3801	3775	3759	3705	3715	3705	3699	3696	3701	3702	3700	3700	3699	3702	3705	3707	3707	3708	3709	3712	3713	3711	3710	3710	3709
14	3767	3735	3711	3700	3701	3694	3692	3693	3692	3691	3697	3699	3703	3704	3704	3707	3707	3708	3709	3712	3708	3710	3707	3701	3699
15	3704	3698	3694	3691	3690	3688	3690	3687	3688	3686	3695	3698	3702	3702	3706	3706	3706	3709	3710	3708	3706	3696	3692	3693	3695
16	3700	3691	3681	3678	3677	3678	3675	3680	3681	3681	3682	3688	3698	3699	3704	3703	3704	3709	3705	3702	3699	3694	3688	3689	3692
17	3686	3687	3677	3675	3676	3674	3676	3677	3677	3678	3679	3682	3693	3697	3701	3707	3707	3709	3709	3707	3700	3683	3683	3686	3691
18	3675	3675	3675	3674	3673	3671	3671	3672	3672	3676	3678	3687	3698	3703	3705	3707	3707	3708	3710	3705	3697	3688	3675	3671	3675
19	3682	3675	3675	3674	3673	3671	3669	3668	3670	3671	3679	3689	3701	3706	3708	3709	3708	3710	3708	3706	3691	3676	3671	3666	3657
20	3683	3672	3672	3672	3672	3669	3668	3668	3668	3670	3677	3687	3704	3707	3707	3709	3707	3696	3698	3705	3689	3673	3670	3659	3657
21	3663	3664	3664	3662	3662	3663	3667	3668	3669	3669	3681	3677	3692	3700	3700	3699	3695	3687	3680	3688	3680	3667	3659	3653	3651
22	3665	3660	3661	3661	3662	3661	3664	3662	3663	3667	3670	3670	3685	3678	3687	3691	3675	3679	3676	3674	3673	3668	3652	3647	3641
23	3659	3658	3659	3660	3661	3661	3663	3663	3661	3663	3664	3666	3666	3666	3669	3665	3666	3663	3663	3660	3651	3645	3643	3639	3632
24	3656	3655	3655	3658	3659	3660	3658	3658	3654	3653	3660	3663	3659	3658	3658	3651	3655	3657	3648	3646	3643	3635	3629	3630	3625
25	3660	3654	3655	3655	3655	3654	3650	3647	3647	3645	3643	3650	3647	3646	3639	3639	3642	3642	3639	3633	3631	3629	3625	3620	3619
26	3655	3655	3654	3653	3653	3651	3648	3646	3644	3643	3642	3642	3642	3640	3638	3637	3636	3634	3631	3630	3627	3622	3619	3617	3613
27	3651	3650	3645	3644	3649	3649	3649	3645	3644	3643	3642	3642	3641	3639	3636	3636	3634	3632	3629	3624	3622	3621	3618	3614	3612
28	3646	3646	3640	3649	3647	3649	3647	3646	3642	3637	3640	3640	3638	3634	3633	3630	3634	3630	3626	3622	3622	3620	3618	3615	3613
29	3636	3629	3625	3626	3639	3640	3641	3639	3633	3637	3639	3639	3638	3634	3626	3621	3620	3614	3614	3612	3619	3619	3616	3616	3613
30	3640	3624	3616	3617	3619	3632	3639	3636	3626	3627	3636	3635	3634	3636	3628	3621	3618	3611	3612	3613	3615	3615	3615	3609	3609
31	3644	3624	3616	3610	3614	3621	3623	3613	3616	3618	3623	3626	3624	3625	3627	3621	3610	3611	3613	3613	3613	3614	3611	3607	3606
32	3638	3623	3616	3611	3609	3612	3615	3613	3611	3614	3615	3616	3620	3619	3620	3619	3610	3610	3612	3612	3612	3609	3606	3605	3604
33	3662	3644	3631	3614	3609	3608	3608	3609	3610	3610	3612	3612	3612	3611	3609	3609	3609	3609	3610	3607	3604	3603	3604	3604	3599
34	3678	3651	3635	3620	3615	3612	3608	3608	3608	3609	3609	3609	3608	3605	3607	3608	3606	3606	3606	3602	3602	3598	3599	3597	3594
35	3681	3648	3627	3624	3620	3614	3609	3608	3608	3608	3608	3607	3607	3605	3604	3603	3602	3604	3602	3602	3598	3597	3593	3593	3591
36	3679	3650	3631	3629	3620	3617	3613	3609	3608	3609	3608	3606	3606	3603	3601	3599	3597	3600	3595	3596	3595	3593	3592	3590	3590
37	3696	3686	3641	3634	3629	3622	3617	3616	3616	3613	3613	3606	3604	3601	3598	3597	3591	3594	3593	3593	3591	3592	3590	3590	3590
38	3704	3704	3704	3645	3632	3629	3626	3622	3620	3622	3623	3618	3605	3605	3600	3598	3596	3595	3593	3594	3594	3594	3594	3594	3593
39	3705	3705	3706	3657	3647	3647	3638	3635	3629	3630	3628	3622	3618	3614	3612	3608	3602	3599	3598	3604	3603	3606	3597	3600	3593
40	3707	3707	3707	3683	3669	3664	3676	3657	3646	3629	3632	3632	3628	3627	3630	3626	3621	3616	3612	3613	3609	3607	3610	3608	3601
41	3724	3707	3707	3708	3708	3687	3681	3661	3651	3661	3650	3651	3649	3632	3632	3632	3629	3626	3628	3626	3628	3632	3633	3634	3633
42	3727	3716	3718	3707	4270	4270	4270	4270	3710	3710	3676	3690	3685	3674	3672	3656	3677	3676	3685	3665	3662	3650	3653	3653	3643
43	3716	3720	3716	3722	4270	4270	4270	4270	4270	4270	4270	3712	3712	3712	3707	3699	3700	3698	3695	3687	3676	3674	3674	3671	3672

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [76] TO COLUMN [100] ROW [1] TO ROW [43]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	3754	3763	3757	3771	3780	3788	3799	3819	3839	3853	3863	3904	3918	3920	3926	3930	3955	3978	3993	4012	4042	4044	4041	4041	4041
2	3752	3752	3751	3750	3761	3772	3782	3807	3835	3844	3850	3860	3875	3894	3917	3923	3927	3943	3965	4003	4032	4038	4042	4042	4042
3	3748	3748	3748	3748	3749	3758	3766	3785	3802	3815	3837	3859	3866	3870	3898	3914	3921	3933	3961	3980	3998	4015	4034	4035	4036
4	3740	3741	3741	3744	3744	3744	3753	3771	3788	3805	3824	3853	3865	3866	3883	3910	3917	3926	3943	3963	3980	4004	4023	4038	4043
5	3738	3738	3738	3739	3740	3741	3742	3750	3781	3772	3791	3838	3854	3855	3858	3897	3910	3927	3942	3961	3976	4010	4029	4043	4043
6	3737	3737	3737	3736	3737	3738	3739	3742	3750	3761	3774	3808	3836	3842	3862	3872	3890	3918	3945	3960	3971	3995	4033	4042	4042
7	3735	3733	3733	3733	3734	3737	3738	3740	3747	3759	3779	3796	3813	3834	3842	3859	3895	3915	3940	3954	3966	3973	4003	4037	4041
8	3731	3731	3730	3731	3732	3733	3734	3734	3741	3753	3774	3787	3800	3824	3832	3867	3897	3905	3916	3946	3969	3984	4006	4026	4042
9	3730	3726	3729	3730	3731	3731	3733	3733	3736	3751	3764	3781	3796	3816	3843	3863	3882	3903	3913	3941	3969	3980	3992	4017	4033
	3725	3726	3727	3725	3726	3728	3730	3733	3734	3748	3758	3771	3797	3816	3839	3861	3879	3901	3910	3934	3956	3968	3986	4009	4030
11	3722	3721	3721	3722	3723	3727	3727	3732	3737	3743	3752	3770	3794	3805	3832	3852	3887	3900	3910	3925	3950	3971	3979	4011	4031
12	3714	3715	3718	3720	3722	3729	3729	3733	3736	3738	3745	3756	3785	3802	3832	3851	3866	3886	3910	3920	3934	3954	3988	4008	4033
13	3710	3711	3713	3720	3730	3726	3731	3726	3728	3732	3740	3751	3763	3807	3822	3840	3859	3888	3902	3920	3932	3952	3956	3999	4036
14	3701	3705	3706	3713	3716	3716	3717	3720	3719	3722	3731	3744	3761	3787	3807	3834	3842	3850	3896	3922	3932	3946	3946	3967	4020
15	3694	3699	3699	3700	3702	3700	3703	3706	3704	3717	3726	3734	3743	3778	3807	3822	3840	3848	3878	3916	3922	3935	3942	3953	3977
16	3692	3693	3693	3692	3689	3691	3697	3695	3696	3704	3719	3725	3726	3765	3804	3813	3825	3835	3855	3906	3920	3927	3933	3953	3983
17	3691	3690	3690	3686	3681	3675	3675	3675	3679	3683	3699	3702	3711	3759	3805	3805	3826	3830	3846	3883	3901	3927	3932	3941	3955
18	3673	3679	3679	3679	3682	3658	3666	3661	3663	3680	3696	3708	3723	3753	3781	3808	3817	3838	3860	3864	3874	3906	3931	3933	3941
19	3666	3662	3663	3664	3664	3663	3656	3656	3654	3662	3676	3713	3729	3755	3780	3803	3806	3832	3858	3865	3866	3891	3927	3932	3939
20	3653	3657	3651	3652	3648	3650	3645	3649	3652	3654	3678	3716	3734	3747	3777	3795	3808	3823	3840	3849	3861	3890	3931	3931	3935
21	3647	3650	3643	3642	3640	3639	3638	3641	3643	3652	3673	3715	3740	3744	3763	3785	3800	3819	3831	3848	3854	3886	3917	3929	3934
22	3637	3638	3636	3627	3630	3628	3631	3633	3645	3650	3678	3720	3735	3744	3753	3778	3787	3802	3821	3852	3865	3874	3893	3923	3936
23	3627	3625	3617	3620	3620	3618	3622	3627	3637	3643	3672	3712	3721	3733	3742	3765	3774	3787	3798	3841	3861	3877	3891	3913	3935
24	3616	3611	3607	3608	3608	3608	3613	3621	3627	3639	3669	3706	3719	3727	3735	3749	3763	3776	3796	3816	3841	3850	3887	3914	3937
25	3614	3608	3606	3606	3604	3608	3609	3612	3615	3632	3648	3705	3719	3720	3727	3744	3757	3771	3813	3827	3827	3830	3830	3890	3927
26	3611	3608	3605	3604	3605	3606	3606	3610	3618	3628	3666	3687	3706	3717	3720	3736	3740	3762	3801	3820	3830	3831	3835	3839	3881
27	3611	3609	3608	3605	3605	3605	3604	3606	3617	3645	3662	3678	3688	3709	3717	3726	3740	3760	3774	3798	3810	3821	3827	3840	3852
28	3609	3608	3607	3604	3603	3601	3600	3607	3612	3627	3647	3665	3680	3700	3715	3716	3729	3743	3763	3788	3799	3812	3825	3832	3838
29	3610	3609	3607	3604	3601	3599	3598	3603	3606	3612	3630	3641	3658	3684	3701	3709	3722	3731	3747	3768	3785	3802	3806	3822	3825
30	3607	3607	3604	3601	3600	3598	3598	3598	3604	3604	3616	3620	3637	3663	3681	3703	3715	3722	3737	3750	3762	3787	3797	3798	3814
31	3602	3602	3600	3598	3596	3595	3596	3598	3603	3609	3608	3622	3627	3640	3664	3692	3706	3715	3726	3733	3744	3763	3783	3794	3799
32	3600	3598	3595	3594	3594	3594	3595	3597	3603	3607	3609	3616	3626	3628	3640	3661	3691	3698	3717	3718	3728	3745	3755	3768	3788
33	3598	3595	3592	3592	3592	3593	3594	3595	3602	3603	3604	3613	3617	3626	3630	3644	3651	3686	3704	3716	3720	3723	3739	3750	3764
34	3595	3594	3594	3591	3592	3593	3593	3595	3596	3598	3598	3608	3607	3616	3629	3629	3638	3662	3679	3697	3710	3716	3721	3721	3735
35	3593	3591	3591	3591	3593	3593	3593	3596	3596	3597	3600	3603	3606	3615	3624	3626	3627	3643	3658	3667	3695	3704	3707	3715	3718
	3590	3590	3590	3595	3595	3594	3595	3595	3598	3602	3602	3604	3609	3614	3623	3621	3624	3623	3633	3634	3646	3670	3694	3705	3716
37	3590	3590	3591	3594	3595	3600	3598	3603	3604	3605	3606	3606	3608	3614	3615	3615	3616	3618	3619	3627	3633	3637	3648	3693	3698
38	3593	3590	3591	3591	3595	3599	3601	3607	3610	3609	3607	3608	3608	3609	3610	3612	3611	3614	3618	3624	3626	3628	3635	3659	3677
39	3596	3595	3595	3595	3597	3597	3600	3604	3607	3609	3609	3608	3607	3607	3608	3608	3609	3612	3619	3623	3626	3628	3633	3633	3644
40	3602	3600	3604	3595	3600	3596	3604	3605	3617	3614	3609	3610	3609	3611	3607	3608	3609	3614	3618	3625	3628	3628	3628	3628	3636
41	3631	3625	3620	3620	3620	3629	3626	3625	3638	3622	3617	3615	3616	3612	3623	3623	3616	3622	3625	3627	3630	3634	3634	3635	3636
42	3649	3649	3649	3658	3658	3640	3648	3653	3653	3640	3633	3645	3638	3628	3635	3645	3644	3641	3646	3648	3650	3661	3659	3658	3644
43	3668	3662	3673	3675	3672	3676	3668	3675	3666	3660	3666	3671	3673	3661	3668	3670	3670	3679	3672	3680	3686	3683	3684	3674	3680

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [101] TO COLUMN [125] ROW [1] TO ROW [43]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
1	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
2	4041	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
3	4044	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
4	4043	4043	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
5	4043	4043	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4042	4041	4041	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4042	4042	4042	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
8	4042	4042	4042	4042	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
9	4043	4044	4044	4045	4046	4046	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
	4045	4045	4045	4046	4046	4046	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
11	4045	4045	4047	4046	4046	4046	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
12	4041	4045	4046	4045	4045	4046	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
13	4045	4045	4045	4044	4045	4044	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
14	4044	4044	4044	4044	4044	4044	4043	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
15	4018	4035	4043	4043	4043	4043	4043	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
16	4005	4033	4038	4042	4042	4042	4042	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
17	4014	4034	4041	4041	4041	4043	4043	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
18	3985	4029	4041	4041	4043	4044	4044	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
19	3973	4008	4036	4035	4046	4047	4048	4270	4270	4270	4270	4270	4136	4137	4135	4135	4139	4142	4142	4270	4270	4270	4270	4270	4270
20	3942	3965	4011	4029	4044	4044	4044	4270	4270	4270	4270	4120	4123	4126	4130	4137	4135	4135	4136	4140	4140	4270	4270	4270	4270
21	3941	3947	3978	4023	4029	4041	4041	4042	4038	4270	4106	4116	4116	4120	4128	4135	4134	4135	4134	4135	4139	4139	4270	4270	4270
22	3941	3944	3980	3996	4021	4038	4038	4038	4038	4270	4103	4104	4106	4111	4115	4122	4125	4133	4134	4133	4132	4139	4270	4270	4270
23	3941	3951	3977	3994	4041	4041	4043	4044	4044	4270	4270	4096	4099	4099	4098	4106	4115	4119	4129	4131	4131	4129	4130	4139	4270
24	3935	3941	3945	3982	4045	4045	4046	4046	4046	4058	4088	4089	4094	4094	4094	4094	4098	4107	4117	4117	4125	4126	4132	4139	4139
25	3931	3943	3944	3964	4015	4032	4044	4031	4049	4059	4270	4072	4074	4072	4087	4087	4095	4099	4109	4114	4121	4127	4133	4133	4134
26	3907	3932	3948	3951	3964	4006	4014	4014	4012	4038	4064	4068	4073	4069	4070	4068	4090	4098	4109	4117	4122	4133	4131	4131	4130
27	3868	3911	3944	3950	3950	3950	3959	3962	3950	3990	4017	4057	4051	4049	4064	4058	4081	4094	4095	4104	4116	4121	4128	4130	4130
28	3858	3868	3917	3950	3950	3950	3950	3949	3949	3949	3982	4013	4044	4044	4045	4058	4066	4084	4084	4089	4101	4119	4120	4125	4132
29	3829	3837	3859	3885	3900	3925	3950	3950	3949	3949	3950	3977	4019	4044	4043	4055	4067	4074	4084	4093	4105	4111	4119	4126	4133
30	3826	3833	3838	3857	3872	3891	3917	3939	3943	3950	3950	3951	3978	3993	4023	4060	4066	4068	4065	4091	4095	4105	4112	4119	4129
31	3815	3825	3834	3842	3855	3867	3879	3906	3950	3951	3951	3951	3951	3951	3983	4045	4052	4057	4065	4065	4082	4090	4106	4118	4120
32	3805	3810	3821	3834	3847	3865	3869	3868	3898	3937	3952	3952	3951	3951	3952	3981	4015	4047	4042	4065	4076	4082	4092	4109	4108
33	3779	3789	3798	3809	3828	3845	3860	3862	3869	3899	3917	3946	3949	3952	3952	3951	3984	4020	4042	4053	4059	4061	4077	4088	4100
34	3747	3775	3783	3798	3800	3825	3846	3854	3861	3869	3891	3915	3934	3945	3948	3947	3958	3974	3995	4025	4037	4042	4066	4078	4095
35	3730	3745	3761	3778	3792	3797	3806	3827	3854	3862	3868	3886	3911	3921	3941	3946	3956	3963	3985	4021	4028	4038	4047	4059	4082
	3716	3728	3746	3764	3775	3788	3796	3806	3839	3846	3860	3871	3885	3905	3929	3934	3946	3958	3966	3976	4010	4026	4041	4049	4054
37	3712	3717	3721	3740	3759	3771	3790	3790	3806	3822	3839	3856	3876	3882	3913	3932	3940	3948	3958	3972	3986	4003	4026	4035	4053
38	3697	3709	3720	3745	3747	3757	3775	3786	3793	3805	3827	3836	3861	3870	3899	3924	3928	3947	3957	3981	3989	3990	4012	4025	4058
39	3676	3692	3706	3712	3717	3745	3757	3776	3787	3797	3809	3827	3847	3854	3880	3900	3911	3942	3954	3971	3985	3989	4004	4025	4040
40	3644	3662	3698	3701	3711	3725	3735	3754	3778	3791	3803	3809	3825	3844	3869	3883	3903	3929	3947	3955	3977	3983	3995	4006	4036
41	3634	3654	3686	3697	3710	3712	3722	3741	3758	3786	3797	3802	3811	3837	3846	3880	3906	3934	3942	3953	3964	3976	3983	3994	4014
42	3648	3675	3691	3696	3712	3715	3716	3726	3756	3787	3798	3799	3811	3822	3845	3860	3921	3924	3944	3950	3962	3980	3980	3994	4009
43	3675	3685	3690	3695	3704	3713	3716	3717	3755	3784	3796	3801	3818	3829	3840	3861	3886	3919	3937	3950	3956	3974	3983	3994	4007

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [126] TO COLUMN [128] ROW [1] TO ROW [43]

	126	127	128
1	4270	4270	4270
2	4270	4270	4270
3	4270	4270	4270
4	4270	4270	4270
5	4270	4270	4270
6	4270	4270	4270
7	4270	4270	4270
8	4270	4270	4270
9	4270	4270	4270
[illegible]	4270	4270	4270
[illegible]	4270	4270	4270
12	4270	4270	4270
13	4270	4270	4270
14	4270	4270	4270
15	4270	4270	4270
16	4270	4270	4270
17	4270	4270	4270
18	4270	4270	4270
19	4270	4270	4270
20	4270	4270	4270
21	4270	4270	4270
22	4270	4270	4270
23	4270	4270	4270
24	4270	4270	4270
25	4270	4270	4270
26	4129	4139	4270
27	4136	4136	4270
28	4133	4139	4145
29	4138	4141	4153
30	4140	4138	4163
31	4129	4143	4146
32	4121	4142	4148
33	4111	4133	4143
34	4111	4116	4142
35	4098	4122	4133
[illegible]	4081	4106	4129
37	4061	4090	4108
38	4071	4082	4108
39	4061	4082	4108
40	4057	4085	4093
41	4058	4063	4085
42	4038	4054	4074
43	4028	4053	4063

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [1] TO COLUMN [25] ROW [44] TO ROW [86]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
44	3976	3976	3976	3976	3975	3975	3975	3975	3979	3980	3982	3982	3983	3988	3998	4004	4007	4006	4001	4000	3994	3977	3967	3964	3945
45	3976	3976	3976	3975	3975	3975	3974	3974	3975	3982	3983	3984	3984	3994	3996	4002	4003	3999	3996	3993	3975	3972	3955	3930	3926
46	3977	3977	3974	3974	3976	3974	3970	3976	3976	3985	3993	3995	3997	4000	3999	3999	4000	3993	3991	3972	3973	3976	3948	3937	3917
47	3978	3975	3973	3973	3972	3975	3976	3978	3980	3985	3994	3995	3998	3999	3996	3997	3990	3969	3970	3974	3960	3955	3936	3930	3919
48	3978	3976	3971	3966	3975	3976	3981	3981	3989	3989	3993	3994	3997	3995	3992	3990	3987	3966	3957	3946	3939	3929	3928	3926	3924
49	3978	3976	3974	3977	3980	3983	3984	3985	3988	3990	3990	3991	3992	3989	3982	3978	3974	3956	3946	3932	3931	3932	3931	3928	3926
50	3979	3978	3979	3980	3983	3984	3983	3985	3989	3992	3995	3992	3983	3974	3971	3963	3966	3967	3951	3935	3935	3934	3929	3929	3927
51	3979	3979	3980	3981	3982	3983	3983	3986	3989	3991	3991	3979	3973	3969	3953	3953	3948	3947	3938	3936	3934	3933	3931	3928	3927
52	3979	3979	3980	3981	3982	3982	3983	3985	3987	3984	3989	3980	3974	3960	3949	3947	3941	3940	3938	3936	3934	3932	3929	3927	3926
[illegible]	3977	3981	3979	3982	3984	3984	3981	3981	3983	3984	3981	3972	3960	3952	3953	3945	3946	3944	3940	3938	3933	3926	3924	3922	3921
[illegible]	3972	3973	3977	3977	3978	3981	3976	3984	3976	3978	3969	3970	3966	3949	3951	3952	3952	3951	3943	3937	3926	3924	3918	3919	3918
55	3971	3971	3972	3973	3969	3968	3968	3963	3969	3969	3968	3969	3969	3952	3954	3956	3956	3954	3946	3930	3921	3918	3918	3918	3918
56	3968	3970	3967	3966	3964	3962	3961	3962	3961	3960	3965	3954	3952	3955	3956	3956	3956	3952	3945	3927	3921	3918	3918	3918	3918
57	3967	3967	3966	3966	3962	3961	3959	3958	3958	3956	3956	3957	3957	4270	3956	3955	3949	3943	3931	3918	3918	3917	3917	3917	3917
58	3969	3968	3967	3965	3964	3962	3962	3962	3958	3958	3958	3958	3957	3956	3948	3943	3938	3937	3927	3923	3918	3917	3917	3917	3910
59	3971	3971	3970	3970	3966	3967	3964	3963	3959	3959	3958	3958	3957	3956	3950	3949	3947	3935	3923	3918	3917	3916	3916	3916	3917
60	3979	3979	3979	3975	3970	3969	3967	3962	3959	3958	3958	3958	3956	3956	3956	3951	3943	3934	3921	3920	3915	3915	3915	3916	3916
61	3982	3982	3982	3983	3981	3980	3976	3973	3966	3959	3959	3958	3957	3956	3956	3956	3950	3949	3939	3929	3925	3920	3920	3915	3915
62	3981	3982	3982	3983	3983	3983	3983	3981	3971	3967	3958	3958	3957	3957	3957	3956	3957	3956	3954	3953	3945	3938	3927	3918	3915
63	3981	3981	3982	3983	3983	3983	3983	3984	3984	3974	3963	3958	3957	3957	3957	3957	3959	3959	3958	3956	3956	3952	3950	3941	3932
64	3981	3981	3982	3983	3983	3983	3984	3984	3984	3984	3969	3964	3958	3958	3960	3960	3962	3964	3962	3959	3957	3956	3956	3951	3945
65	3981	3981	3982	3983	3983	3984	3984	3984	3985	3985	3985	3977	3966	3959	3961	3963	3964	3965	3965	3962	3958	3957	3956	3954	3954
66	3981	3981	3982	3983	3983	3984	3984	3985	3985	3986	3986	3986	3987	4270	3966	3964	3965	3965	3963	3962	3961	3958	3957	3954	3954
67	4026	4020	4020	4026	4020	4004	3985	3985	4019	4012	4025	4050	4064	4172	4186	4270	4093	4035	4022	4012	3962	3963	3958	3954	3954
68	4054	4079	4036	4052	4095	4080	4034	4055	4034	4052	4062	4076	4117	4181	4200	4270	4270	4200	4119	4070	4049	4009	3961	3954	3953
69	4152	4130	4133	4170	4168	4104	4070	4145	4130	4101	4097	4164	4191	4196	4211	4270	4270	4270	4171	4201	4136	4034	4011	4033	4029
70	4142	4140	4145	4153	4148	4167	4129	4135	4117	4113	4135	4145	4187	4194	4270	4270	4270	4270	4270	4200	4114	4091	4025	4027	4027
71	4141	4270	4270	4270	4146	4174	4170	4137	4144	4270	4179	4145	4270	4270	4270	4270	4270	4270	4270	4270	4270	4119	4078	4021	4022
72	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
73	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
74	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
75	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
76	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
77	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
78	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
80	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
81	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
82	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
86	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

PC-MINE VERSION 1.10
SERIAL NO : 20000
2/1987

GEMCOM SERVICES INC.
Faro F8701 Geological Reserve Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 4.01

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North

CREATED ON : 13/ 2/1987

GRID RECORD : 1

COLUMN [26] TO COLUMN [50] ROW [44] TO ROW [86]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
44	3918	3911	3910	3906	3904	3903	3895	3888	3882	3876	3879	3876	3877	3876	3876	3876	3876	3875	3878	3878	3878	3880	3848	3801	3749
45	3914	3912	3913	3916	3920	3913	3878	3876	3871	3871	3871	3872	3873	3874	3875	3875	3875	3875	3868	3862	3861	3849	3824	3803	3760
46	3915	3914	3914	3917	3923	3915	3884	3886	3885	3882	3872	3872	3872	3874	3874	3874	3875	3866	3856	3859	3855	3845	3815	3792	3757
47	3918	3916	3915	3917	3917	3920	3909	3893	3891	3880	3876	3870	3870	3871	3872	3873	3871	3866	3860	3861	3860	3829	3800	3788	3779
48	3923	3921	3918	3919	3920	3921	3909	3907	3895	3874	3870	3870	3870	3870	3870	3869	3870	3865	3865	3866	3864	3847	3819	3801	3779
49	3925	3924	3919	3913	3905	3896	3886	3884	3877	3869	3869	3869	3869	3869	3869	3869	3869	3869	3872	3872	3869	3865	3853	3823	3791
50	3926	3925	3914	3901	3881	3884	3876	3876	3869	3869	3868	3868	3868	3868	3868	3868	3869	3869	3870	3871	3872	3872	3868	3831	3796
51	3926	3925	3915	3906	3894	3878	3870	3869	3869	3868	3868	3868	3868	3868	3868	3868	3868	3868	3869	3869	3869	3869	3864	3846	3816
52	3924	3922	3920	3913	3909	3897	3888	3869	3869	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3864	3853	3835
	3919	3919	3918	3915	3901	3890	3883	3874	3869	3868	3868	3868	3868	3868	3867	3867	3868	3867	3867	3868	3867	3868	3863	3861	3833
	3918	3918	3918	3908	3896	3892	3876	3874	3869	3868	3868	3868	3868	3868	3867	3867	3867	3867	3867	3867	3867	3868	3867	3855	3845
55	3918	3918	3901	3884	3886	3878	3874	3871	3869	3869	3868	3868	3868	3868	3868	3867	3867	3867	3867	3867	3867	3867	3868	3861	3847
56	3918	3913	3900	3885	3874	3874	3873	3870	3869	3868	3868	3869	3868	3868	3867	3867	3867	3867	3867	3867	3867	3868	3868	3858	3853
57	3913	3911	3900	3887	3877	3869	3869	3869	3869	3869	3869	3869	3868	3868	3867	3867	3867	3867	3867	3867	3868	3868	3868	3862	3861
58	3895	3888	3880	3872	3877	3869	3869	3869	3868	3869	3869	3869	3869	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3868	3857
59	3893	3877	3872	3872	3871	3871	3870	3870	3869	3869	3869	3869	3869	3869	3869	3869	3869	3869	3869	3869	3868	3868	3868	3868	3862
60	3906	3892	3880	3877	3872	3871	3871	3870	3870	3870	3870	3870	3870	3869	3869	3870	3870	3870	3869	3869	3869	3869	3869	3868	3868
61	3916	3909	3899	3883	3872	3872	3871	3870	3870	3870	3870	3870	3870	3870	3870	3870	3870	3870	3870	3869	3869	3869	3868	3868	3868
62	3915	3915	3913	3901	3873	3873	3870	3870	3870	3870	3870	3870	3870	3870	3870	3871	3871	3871	3870	3870	3869	3869	3869	3869	3868
63	3918	3914	3914	3908	3907	3889	3875	3870	3870	3870	3870	3870	3871	3871	3871	3871	3871	3870	3870	3869	3869	3869	3869	3869	3869
64	3935	3918	3915	3913	3907	3904	3889	3880	3871	3871	3871	3870	3871	3871	3871	3871	3871	3870	3869	3869	3869	3869	3869	3869	3869
65	3944	3937	3919	3919	3913	3912	3907	3893	3881	3876	3871	3871	3871	3871	3871	3871	3870	3870	3869	3868	3868	3869	3869	3868	3869
66	3953	3947	3940	3931	3921	3912	3911	3905	3887	3879	3884	3871	3871	3871	3870	3870	3869	3868	3868	3868	3868	3868	3868	3868	3868
67	3953	3952	3946	3945	3939	3928	3916	3910	3903	3898	3895	3888	3877	3870	3909	3919	3924	3922	3927	3894	3913	3921	3926	3924	3911
68	3951	4000	4031	4027	3989	3945	3990	3921	3950	3948	3947	3944	3919	3946	3989	3991	4008	3994	4024	3984	4014	3989	3917	4025	4035
69	4011	4083	4131	4122	4020	3996	4029	4062	3988	3990	4062	4051	4020	4046	4133	4130	4048	3994	4135	4133	4066	4087	4130	4162	4114
70	4020	4092	4062	4056	4080	4068	4026	4023	4065	4062	4013	4006	4052	4094	4104	4099	4120	4113	4134	4156	4104	4153	4157	4163	4168
71	4079	4162	4270	4270	4161	4077	4065	4054	4102	4156	4108	4108	4088	4146	4270	4092	4132	4130	4085	4270	4270	4270	4270	4270	4270
72	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
73	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
74	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
75	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
76	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
77	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
78	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
80	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
81	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
82	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [51] TO COLUMN [75] ROW [44] TO ROW [86]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
44	3728	3723	3721	3721	3705	4270	4270	4270	4270	4270	4270	3712	3712	3712	3711	3708	3707	3700	3689	3675	3670	3670	3670	3670	3671
45	3730	3710	3724	3727	3722	4270	4270	4270	4270	4270	4270	4270	4270	3716	3716	3713	3700	3700	3685	3668	3668	3668	3668	3669	3668
46	3741	3730	3729	3728	3723	4270	4270	4270	4270	4270	4270	4270	4270	3718	3718	3707	3698	3699	3678	3672	3666	3667	3667	3668	3668
47	3754	3741	3731	3725	3723	3707	3708	3708	4270	4270	4270	4270	4270	4270	3718	3701	3702	3692	3683	3667	3667	3667	3667	3667	3668
48	3755	3737	3729	3722	3720	3711	3707	3708	3708	3708	3708	3709	3709	3713	3713	3708	3709	3696	3679	3673	3672	3667	3667	3667	3668
49	3757	3733	3726	3717	3715	3707	3707	3708	3708	3708	3709	3709	3709	3711	3711	3706	3705	3698	3695	3688	3681	3670	3672	3674	3675
50	3780	3757	3735	3720	3710	3707	3707	3707	3708	3708	3708	3709	3709	3710	3710	3711	3711	3707	3702	3703	3698	3693	3687	3689	3687
51	3790	3773	3746	3731	3716	3711	3707	3707	3707	3708	3708	3708	3709	3709	3710	3710	3710	3711	3711	3708	3707	3705	3707	3708	3699
52	3798	3768	3739	3715	3720	3711	3706	3706	3707	3707	3708	3708	3709	3709	3710	3710	3710	3711	3711	3712	3712	3713	3713	3708	3706
53	3795	3768	3733	3728	3722	3713	3706	3706	3707	3707	3708	3708	3709	3709	3709	3710	3710	3710	3711	3712	3712	3713	3713	3713	3713
54	3823	3775	3745	3736	3722	3715	3714	3707	3707	3707	3708	3708	3709	3709	3710	3710	3710	3710	3710	3712	3712	3712	3713	3713	3713
55	3829	3786	3770	3742	3729	3725	3712	3707	3707	3708	3708	3709	3709	3709	3714	3714	3716	3713	3711	3711	3712	3712	3712	3713	3713
56	3834	3794	3763	3749	3742	3733	3724	3717	3707	3707	3708	3708	3712	3712	3715	3720	3720	3716	3717	3719	3714	3714	3712	3712	3713
57	3842	3828	3780	3747	3741	3724	3717	3717	3711	3707	3707	3707	3712	3714	3718	3729	3728	3727	3731	3728	3728	3723	3720	3718	3716
58	3850	3831	3799	3782	3758	3714	3722	3712	3706	3706	3706	3707	3709	3712	3719	3727	3731	3731	3731	3732	3732	3732	3731	3730	3734
59	3857	3842	3808	3787	3781	3743	3735	3711	3706	3706	3706	3706	3710	3713	3716	3725	3725	3730	3735	3735	3735	3732	3736	3734	3733
60	3865	3862	3845	3811	3785	3753	3734	3723	3706	3706	3707	3706	3711	3713	3721	3724	3726	3734	3735	3735	3735	3735	3735	3736	3736
61	3862	3862	3843	3810	3790	3757	3723	3719	3717	3711	3706	3711	3713	3716	3725	3731	3735	3735	3739	3737	3735	3735	3735	3736	3736
62	3850	3852	3850	3827	3775	3756	3755	3736	3731	3715	3717	3717	3722	3733	3738	3737	3737	3741	3746	3748	3749	3741	3741	3741	3739
63	3869	3868	3859	3858	3824	3780	3764	3744	3739	3740	3734	3746	3745	3744	3746	3742	3753	3758	3756	3750	3751	3756	3749	3742	3744
64	3869	3868	3868	3864	3841	3801	3785	3762	3758	3757	3760	3771	3776	3777	3772	3772	3769	3766	3765	3762	3762	3761	3756	3751	3747
65	3868	3869	3859	3855	3834	3809	3793	3772	3772	3774	3773	3783	3781	3779	3778	3777	3776	3774	3771	3761	3765	3765	3765	3766	3756
66	3869	3863	3853	3848	3835	3820	3810	3795	3787	3786	3786	3786	3784	3781	3779	3779	3779	3779	3775	3770	3768	3769	3767	3767	3764
67	3932	3942	3863	3860	3844	3822	3882	3882	3875	3875	3785	3785	3784	3783	3781	3780	3782	3781	3784	3775	3778	3776	3782	3778	3776
68	4044	3985	3942	3901	3846	3900	3908	3946	3907	3923	3911	3818	3837	3867	3898	3844	3849	3891	3846	3874	3867	3875	3897	3857	3793
69	4081	4080	4034	3918	3898	3998	4021	3982	3972	4086	4052	3996	3912	4040	4045	3992	3989	4018	3947	3900	3898	3973	4002	3886	3925
70	4107	3996	3978	4007	3930	3955	3952	4003	4043	4061	4066	4021	4018	3956	4031	4061	4009	4006	3943	3992	3989	3943	3936	3988	3981
71	4270	4270	3978	4019	4020	3980	3986	4117	4114	4060	4270	4270	4270	4270	4270	4270	4127	4057	4049	4046	3997	3947	3946	4036	4036
72	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
73	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
74	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
75	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
76	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
77	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
78	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
79	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
80	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
81	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
82	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
86	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [76] TO COLUMN [100] ROW [44] TO ROW [86]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
44	3670	3671	3673	3674	3676	3678	3680	3680	3680	3679	3678	3680	3683	3683	3682	3680	3680	3681	3684	3685	3687	3688	3689	3689	3686
45	3669	3670	3672	3674	3675	3679	3681	3681	3683	3684	3685	3686	3685	3685	3685	3685	3686	3686	3687	3687	3690	3690	3691	3692	3693
46	3669	3670	3672	3676	3677	3679	3680	3683	3684	3686	3686	3686	3686	3685	3685	3686	3687	3687	3687	3688	3689	3690	3691	3692	3693
47	3668	3670	3672	3677	3678	3680	3683	3685	3686	3688	3687	3687	3687	3686	3686	3686	3687	3687	3688	3688	3689	3690	3692	3693	3694
48	3670	3671	3672	3674	3677	3678	3685	3687	3690	3690	3690	3691	3689	3688	3688	3687	3687	3687	3688	3688	3688	3690	3692	3693	3694
49	3671	3672	3673	3674	3676	3682	3687	3692	3693	3693	3694	3693	3693	3690	3689	3688	3687	3687	3687	3688	3689	3690	3692	3693	3694
50	3682	3677	3680	3680	3674	3684	3688	3694	3698	3697	3696	3696	3694	3692	3691	3689	3687	3687	3688	3688	3690	3690	3691	3692	3694
51	3700	3696	3700	3696	3685	3689	3688	3699	3698	3700	3700	3699	3697	3696	3692	3691	3689	3688	3688	3689	3690	3691	3692	3692	3693
52	3705	3706	3703	3708	3698	3703	3701	3704	3706	3703	3702	3700	3699	3697	3696	3694	3692	3690	3688	3689	3690	3691	3694	3693	3694
53	3712	3712	3712	3711	3710	3706	3707	3709	3705	3704	3703	3702	3701	3699	3698	3697	3695	3694	3692	3691	3690	3694	3695	3696	3699
[illegible]	3713	3712	3711	3711	3710	3710	3709	3707	3705	3704	3704	3703	3702	3700	3699	3698	3699	3697	3695	3697	3696	3698	3705	3705	3708
55	3713	3713	3712	3711	3710	3710	3708	3707	3705	3704	3704	3703	3703	3701	3701	3701	3701	3700	3701	3704	3705	3706	3707	3711	3711
56	3713	3716	3715	3714	3710	3709	3708	3706	3706	3705	3705	3704	3704	3703	3702	3702	3702	3702	3703	3704	3707	3708	3709	3710	3710
57	3720	3722	3721	3719	3713	3712	3712	3713	3716	3710	3710	3710	3710	3704	3703	3703	3703	3702	3703	3705	3707	3708	3709	3710	3710
58	3731	3730	3731	3723	3722	3715	3718	3724	3723	3715	3723	3719	3719	3717	3704	3703	3703	3703	3704	3706	3708	3709	3709	3710	3710
59	3736	3736	3731	3728	3724	3726	3727	3731	3737	3736	3734	3720	3726	3717	3707	3706	3705	3707	3707	3709	3710	3710	3709	3710	3710
60	3736	3736	3736	3736	3736	3737	3737	3738	3739	3739	3735	3732	3725	3714	3709	3712	3710	3710	3711	3709	3711	3711	3711	3710	3733
61	3736	3739	3737	3737	3737	3737	3739	3739	3740	3734	3734	3725	3715	3712	3710	3718	3715	3714	3717	3714	3716	3717	3741	3744	3736
62	3740	3743	3740	3737	3738	3739	3739	3741	3741	3733	3724	3711	3717	3714	3722	3720	3721	3718	3718	3719	3723	3726	3752	3762	3787
63	3745	3750	3748	3740	3740	3743	3742	3741	3742	3734	3738	3727	3729	3724	3726	3724	3722	3723	3718	3721	3728	3733	3742	3758	3786
64	3751	3752	3753	3746	3744	3744	3743	3742	3741	3739	3736	3735	3733	3731	3730	3729	3725	3724	3722	3726	3730	3730	3736	3766	3787
65	3754	3753	3752	3750	3746	3745	3743	3740	3738	3737	3735	3733	3732	3731	3730	3727	3726	3726	3724	3741	3742	3746	3749	3790	3790
66	3763	3761	3760	3761	3761	3751	3748	3745	3744	3733	3739	3732	3736	3731	3728	3726	3726	3726	3735	3736	3740	3749	3770	3790	3799
67	3766	3769	3774	3822	3848	3857	3764	3753	3746	3753	3766	3772	3761	3761	3758	3742	3740	3760	3775	3772	3756	3774	3789	3789	3817
68	3861	3888	3792	3818	3892	3935	3867	3827	3837	3893	3808	3799	3789	3842	3834	3783	3833	3849	3786	3787	3833	3867	3795	3819	3906
69	4011	4022	3955	3936	4068	4060	4009	3984	4007	3977	3882	3875	3956	3998	3906	3894	4002	4014	3911	3901	4008	4021	3911	3890	3980
70	3943	3950	3996	3996	4017	4033	4027	4015	3943	3943	3915	3909	3934	3949	4006	3999	3939	3944	4010	4006	3944	3953	4002	3995	3945
71	3986	4072	4117	4115	4068	4270	4270	4270	3997	3931	3920	3921	3922	4062	4128	4270	4061	4270	4270	4270	4270	4270	4056	4007	3956
72	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
73	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
74	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
75	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
76	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
77	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
78	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
80	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
81	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
82	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
86	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North   CREATED ON : 13/ 2/1987

GRID RECORD : 1   COLUMN [101] TO COLUMN [125] ROW [44] TO ROW [86]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
44	3686	3690	3687	3690	3701	3703	3710	3716	3741	3782	3799	3806	3820	3826	3845	3855	3901	3920	3938	3951	3959	3976	3984	3990	4003
45	3694	3693	3693	3693	3693	3696	3701	3703	3744	3794	3798	3799	3818	3824	3849	3871	3904	3912	3934	3941	3955	3983	3990	3991	4005
46	3694	3694	3693	3693	3693	3694	3693	3697	3794	3794	3799	3801	3818	3820	3843	3871	3895	3911	3924	3938	3948	3979	3990	3991	4003
47	3694	3694	3694	3694	3694	3694	3693	3746	3794	3794	3794	3801	3817	3829	3846	3865	3886	3916	3928	3939	3953	3972	3985	3996	4017
48	3694	3695	3694	3701	3702	3703	3703	3744	3794	3794	3794	3794	3811	3838	3841	3868	3883	3918	3937	3949	3958	3971	3978	3999	4015
49	3694	3695	3698	3704	3710	3713	3738	3776	3791	3793	3795	3807	3828	3833	3848	3870	3883	3910	3939	3953	3961	3968	3978	3997	4007
50	3694	3698	3705	3716	3717	3716	3742	3769	3789	3795	3814	3828	3833	3840	3859	3876	3892	3915	3934	3949	3963	3971	3984	3998	4016
51	3694	3699	3706	3718	3717	3716	3742	3775	3789	3800	3829	3828	3830	3849	3873	3879	3889	3914	3932	3951	3959	3980	3986	4002	4016
52	3697	3701	3705	3710	3714	3728	3765	3774	3791	3800	3822	3831	3841	3860	3871	3878	3891	3912	3934	3947	3966	3976	3986	4001	4021
	3699	3705	3710	3710	3711	3741	3772	3786	3800	3811	3832	3845	3850	3858	3871	3873	3892	3928	3932	3954	3964	3980	3988	4006	4029
	3709	3710	3712	3712	3737	3769	3780	3799	3819	3824	3842	3860	3875	3876	3876	3901	3916	3923	3933	3950	3967	3983	3993	4012	4028
55	3710	3711	3711	3722	3757	3780	3789	3806	3823	3834	3841	3866	3874	3882	3901	3917	3925	3928	3948	3956	3968	3984	3993	4017	4031
56	3710	3710	3710	3749	3764	3793	3797	3814	3822	3836	3851	3868	3887	3904	3914	3923	3934	3942	3955	3962	3978	3994	4007	4014	4034
57	3710	3721	3737	3763	3788	3801	3807	3825	3836	3849	3861	3883	3889	3903	3918	3943	3949	3954	3960	3970	3984	4006	4019	4027	4049
58	3717	3733	3746	3775	3803	3815	3826	3834	3846	3854	3883	3892	3907	3917	3942	3948	3953	3957	3959	3978	3999	4020	4031	4039	4050
59	3728	3753	3784	3807	3812	3825	3831	3842	3855	3872	3891	3908	3923	3939	3945	3952	3959	3970	3989	3997	4009	4028	4039	4049	4068
60	3741	3769	3797	3814	3822	3829	3838	3854	3866	3886	3897	3907	3913	3945	3952	3952	3966	3984	3995	4017	4024	4035	4054	4075	4086
61	3769	3791	3813	3827	3828	3828	3848	3861	3888	3900	3900	3907	3922	3949	3950	3952	3992	4012	4027	4030	4034	4042	4069	4091	4097
62	3790	3790	3821	3831	3831	3846	3868	3887	3896	3905	3916	3933	3939	3947	3948	3980	4022	4035	4035	4035	4043	4047	4073	4107	4116
63	3790	3797	3831	3831	3839	3861	3874	3881	3883	3903	3935	3945	3952	3952	3959	4012	4037	4037	4037	4042	4050	4061	4087	4109	4120
64	3796	3811	3827	3835	3849	3875	3881	3887	3895	3906	3944	3946	3950	3951	3978	4019	4039	4038	4037	4052	4062	4079	4088	4114	4137
65	3804	3819	3825	3852	3863	3877	3882	3891	3904	3920	3942	3949	3955	3984	4003	4039	4041	4040	4044	4058	4085	4095	4106	4137	4146
66	3825	3835	3847	3865	3876	3878	3889	3907	3927	3942	3948	3948	3964	4003	4037	4037	4041	4040	4045	4079	4107	4105	4128	4149	4153
67	3840	3847	3860	3866	3883	3889	3902	3922	3942	3943	3972	4010	4003	4033	4037	4044	4049	4047	4066	4094	4113	4126	4141	4159	4184
68	3935	3924	3921	3957	3965	3996	3974	4017	4010	4041	4017	4077	4085	4062	4043	4092	4089	4072	4106	4136	4152	4158	4180	4198	4210
69	4035	4039	4040	4059	4059	4056	4082	4154	4160	4108	4126	4155	4175	4100	4090	4155	4164	4161	4162	4191	4194	4186	4210	4237	4241
70	4020	4041	4049	4060	4096	4097	4111	4191	4188	4184	4158	4203	4162	4139	4139	4152	4134	4170	4172	4188	4190	4206	4218	4236	4239
71	4067	4131	4145	4090	4090	4144	4270	4270	4270	4270	4270	4168	4161	4187	4188	4137	4183	4270	4270	4270	4217	4230	4231	4270	4270
72	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
73	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
74	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
75	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
76	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
77	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
78	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
80	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
81	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
82	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
86	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North   CREATED ON : 13/ 2/1987

GRID RECORD : 1   COLUMN [126] TO COLUMN [128] ROW [44] TO ROW [86]

	126	127	128
44	4025	4044	4064
45	4020	4038	4058
46	4026	4044	4066
47	4025	4044	4060
48	4030	4039	4057
49	4030	4039	4053
50	4026	4033	4053
51	4028	4042	4068
52	4030	4046	4075
[illegible]	4033	4051	4076
[illegible]	4038	4059	4077
55	4046	4068	4081
56	4061	4079	4081
57	4074	4087	4101
58	4087	4084	4105
59	4097	4112	4114
60	4108	4106	4126
61	4107	4127	4139
62	4121	4139	4150
63	4135	4148	4149
64	4143	4162	4165
65	4155	4170	4182
66	4166	4171	4191
67	4190	4208	4225
68	4229	4236	4243
69	4233	4256	4264
70	4258	4258	4260
71	4258	4270	4270
72	4270	4270	4270
73	4270	4270	4270
74	4270	4270	4270
75	4270	4270	4270
76	4270	4270	4270
77	4270	4270	4270
78	4270	4270	4270
[illegible]	4270	4270	4270
80	4270	4270	4270
81	4270	4270	4270
82	4270	4270	4270
83	4270	4270	4270
84	4270	4270	4270
85	4270	4270	4270
86	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [1] TO COLUMN [25] ROW [87] TO ROW [128]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
111	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
112	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
117	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
118	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
119	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
120	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
121	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [26] TO COLUMN [50] ROW [87] TO ROW [128]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
111	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
112	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
117	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
118	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
119	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
120	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
121	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [51] TO COLUMN [75] ROW [87] TO ROW [128]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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112	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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118	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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120	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North CREATED ON : 13/ 2/1987

GRID RECORD : 1 COLUMN [76] TO COLUMN [100] ROW [87] TO ROW [128]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
111	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
112	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
117	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
118	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
119	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
120	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
121	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North   CREATED ON : 13/ 2/1987

GRID RECORD : 1   COLUMN [101] TO COLUMN [125] ROW [87] TO ROW [128]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
96	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
97	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
111	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
112	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
117	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
118	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
119	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
120	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
121	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
122	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - North

CREATED ON : 13/ 2/1987

GRID RECORD : 1

COLUMN [126] TO COLUMN [128] ROW [87] TO ROW [128]

	126	127	128
87	4270	4270	4270
88	4270	4270	4270
89	4270	4270	4270
90	4270	4270	4270
91	4270	4270	4270
92	4270	4270	4270
93	4270	4270	4270
94	4270	4270	4270
95	4270	4270	4270
[illegible]	4270	4270	4270
[illegible]	4270	4270	4270
98	4270	4270	4270
99	4270	4270	4270
100	4270	4270	4270
101	4270	4270	4270
102	4270	4270	4270
103	4270	4270	4270
104	4270	4270	4270
105	4270	4270	4270
106	4270	4270	4270
107	4270	4270	4270
108	4270	4270	4270
109	4270	4270	4270
110	4270	4270	4270
111	4270	4270	4270
112	4270	4270	4270
113	4270	4270	4270
114	4270	4270	4270
115	4270	4270	4270
116	4270	4270	4270
117	4270	4270	4270
118	4270	4270	4270
119	4270	4270	4270
120	4270	4270	4270
121	4270	4270	4270
[illegible]	4270	4270	4270
123	4270	4270	4270
124	4270	4270	4270
125	4270	4270	4270
126	4270	4270	4270
127	4270	4270	4270
128	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [1] TO COLUMN [25] ROW [1] TO ROW [43]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
3	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
4	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
8	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
9	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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12	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
13	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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15	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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22	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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26	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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32	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
33	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
34	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
35	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
36	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
37	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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39	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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41	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
42	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South

CREATED ON : 16/ 2/1987

GRID RECORD : 2

COLUMN [26] TO COLUMN [50] ROW [1] TO ROW [43]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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14	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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19	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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21	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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26	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
27	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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33	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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36	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
37	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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42	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
43	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South   CREATED ON : 16/ 2/1987

GRID RECORD : 2   COLUMN [51] TO COLUMN [75] ROW [1] TO ROW [43]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
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6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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16	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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19	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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22	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
24	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
25	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
26	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
27	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
28	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
29	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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31	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
32	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
33	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
34	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
35	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
36	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
37	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
38	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
39	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
40	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
41	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
42	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
43	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South   CREATED ON : 16/ 2/1987

GRID RECORD : 2   COLUMN [76] TO COLUMN [100] ROW [1] TO ROW [43]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
3	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
4	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
8	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
9	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
10	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
11	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
12	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
13	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
14	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
15	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
16	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
17	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
18	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
19	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
20	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
21	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
22	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
24	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
25	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
26	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
27	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
28	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
29	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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32	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
33	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
34	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
35	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
36	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
37	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
38	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
39	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
40	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
41	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
42	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
43	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South   CREATED ON : 16/ 2/1987

GRID RECORD : 2   COLUMN [101] TO COLUMN [125] ROW [1] TO ROW [43]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
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2	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
3	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
4	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
5	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
6	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
7	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
8	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
9	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
10	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
11	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
12	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
13	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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15	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
16	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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18	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
19	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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23	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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25	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
26	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
27	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
28	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
29	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
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33	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
34	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
35	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
36	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
37	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
38	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
39	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
40	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
41	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
42	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South   CREATED ON : 16/ 2/1987

GRID RECORD : 2   COLUMN [126] TO COLUMN [128] ROW [1] TO ROW [43]

	126	127	128
1	4270	4270	4270
2	4270	4270	4270
3	4270	4270	4270
4	4270	4270	4270
5	4270	4270	4270
6	4270	4270	4270
7	4270	4270	4270
8	4270	4270	4270
9	4270	4270	4270
[illegible]	4270	4270	4270
11	4270	4270	4270
12	4270	4270	4270
13	4270	4270	4270
14	4270	4270	4270
15	4270	4270	4270
16	4270	4270	4270
17	4270	4270	4270
18	4270	4270	4270
19	4270	4270	4270
20	4270	4270	4270
21	4270	4270	4270
22	4270	4270	4270
23	4270	4270	4270
24	4270	4270	4270
25	4270	4270	4270
26	4270	4270	4270
27	4270	4270	4270
28	4270	4270	4270
29	4270	4270	4270
30	4270	4270	4270
31	4270	4270	4270
32	4270	4270	4270
33	4270	4270	4270
34	4270	4270	4270
35	4270	4270	4270
[illegible]	4270	4270	4270
37	4270	4270	4270
38	4270	4270	4270
39	4270	4270	4270
40	4270	4270	4270
41	4270	4270	4270
42	4270	4270	4270
43	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [1] TO COLUMN [25] ROW [44] TO ROW [86]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
44	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
45	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
46	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
47	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
48	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
49	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
50	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
51	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
52	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
54	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
55	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
56	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
57	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
58	4128	4081	4126	4132	4270	4270	4270	4270	4126	4115	4115	4126	4270	4270	4270	4270	4124	4117	4099	4039	4038	4090	4270	4104	4096
59	4075	4100	4122	4103	4110	4146	4270	4153	4137	4153	4093	4050	4051	4126	4123	4091	4090	4076	4066	4013	4018	4055	4069	4020	4060
60	4108	4091	4084	4098	4143	4124	4133	4183	4187	4077	4072	4090	4094	4089	4092	4132	4120	4072	4061	4044	4019	4037	4064	4072	4057
61	4060	4033	4027	4056	4069	4091	4105	4095	4087	4057	4045	4032	4034	4002	4003	4062	4039	4001	4002	4006	3990	3961	3969	4012	4021
62	4023	3982	3982	3983	4013	3983	4018	4030	4034	4020	4004	3990	3990	3957	4001	4011	4002	3956	3954	3953	3945	3938	3927	3918	3915
63	3981	3981	3982	3983	3983	3983	3983	3984	3984	3974	3963	3999	3957	3957	3957	3957	3959	3959	3958	3956	3956	3952	3950	3941	3932
64	3981	3981	3982	3983	3983	3983	3984	3984	3984	3984	3969	3964	3958	3958	3960	3960	3962	3964	3962	3959	3957	3956	3956	3951	3945
65	3981	3981	3982	3983	3983	3984	3984	3984	3985	3985	3985	3977	3966	3959	3961	3963	3964	3965	3965	3962	3958	3957	3956	3954	3954
66	3981	3981	3982	3983	3983	3984	3984	3985	3985	3986	3986	3986	3987	4270	3966	3964	3965	3965	3963	3962	3961	3958	3957	3954	3954
67	3981	3981	3982	3982	3983	3984	3985	3985	3986	3986	3986	3987	3987	4270	4270	4270	3969	3965	3962	3962	3962	3963	3958	3954	3954
68	3981	3981	3982	3982	3983	3983	3984	3985	3986	3986	3987	3988	3988	3988	3988	4270	4270	4270	3966	3962	3961	3961	3961	3954	3953
69	3981	3981	3981	3982	3982	3983	3984	3985	3986	3987	3988	3988	3988	3988	3988	3988	4270	4270	3968	3969	3963	3961	3961	3956	3950
70	3982	3982	3982	3982	3983	3983	3984	3986	3986	3988	3988	3988	3988	3988	3988	3989	3989	3989	4270	3979	3968	3965	3965	3963	3967
71	3982	3982	3982	3982	3983	3983	3984	3986	3986	3987	3987	3987	3987	3988	3988	3988	3989	3990	3990	4270	3984	3984	3980	3978	3968
72	3982	3982	3983	3983	3983	3984	3985	3986	3986	3987	3987	3987	3987	3988	3989	3989	3990	3990	3990	3990	3990	3989	3988	3985	3979
73	3982	3983	3983	3983	3984	3984	3985	3986	3987	3987	3988	3988	3988	3988	3989	3990	3990	3990	3990	3990	3990	3990	3990	3988	3985
74	3983	3983	3983	3984	3985	3985	3986	3987	3988	3988	3989	3989	3989	3990	3990	3990	3990	3991	3991	3990	3990	3990	3990	3990	3990
75	3983	3984	3984	3985	3985	3986	3986	3988	3988	3990	3990	3991	3991	3991	3990	3990	3991	3991	3991	3991	3991	3990	3990	3990	3990
76	3984	3984	3985	3985	3986	3987	3988	3989	3989	3990	3991	3992	3992	3992	3992	3991	3992	3992	3992	3992	3992	3991	3990	3990	3990
77	3985	3985	3985	3987	3987	3988	3989	3989	3990	3991	3992	3993	3993	3993	3993	3993	3993	3994	3993	3994	3993	3995	4270	4270	4270
78	3985	3986	3987	3988	3988	3988	3989	3990	3991	3992	3993	3994	3994	3994	3994	3995	3995	3996	3996	3996	3995	4270	4270	4270	3994
[illegible]	3985	3987	3987	3988	3989	3989	3989	3991	3991	3993	3994	3994	3994	3995	3995	3996	3996	3996	3996	3997	4270	4270	4270	3997	3998
80	3987	3987	3988	3988	3989	3989	3990	3991	3992	3994	3995	3995	3996	3996	3996	3996	3997	3997	3997	3997	4270	4270	4270	3998	3998
81	3986	3987	3989	3989	3989	3990	3990	3992	3993	3994	3995	3995	3996	3996	3996	3996	3996	4270	4270	4270	4270	4270	4270	4000	4000
82	4270	4270	4270	4270	4270	3991	4270	4270	3994	3994	3994	3997	3997	3997	4270	3997	4270	4270	4270	4270	4270	4270	4270	4001	4001
83	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4005	4004
84	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4011
85	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4017	4012
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4017	4017

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South

CREATED ON : 16/ 2/1987

GRID RECORD : 2

COLUMN [26] TO COLUMN [50] ROW [44] TO ROW [86]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
44	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
45	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
46	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
47	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
48	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
49	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
50	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
51	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
52	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
54	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
55	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
56	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
57	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
58	4087	4091	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
59	4054	4052	4006	4002	4045	4048	3993	4016	4092	4092	4054	4109	4091	4090	4106	4050	4087	4143	4111	4122	4270	4270	4270	4270	4157
60	4022	3989	4047	4040	3966	3971	4045	4049	4049	4053	4102	4099	4053	4055	4098	4121	4078	4077	4165	4187	4175	4270	4270	4211	4105
61	3975	3958	3976	3933	3872	3872	3966	3964	3922	4006	3996	3926	4003	4012	3942	3990	4017	3946	4035	4081	4071	4120	4199	4195	4057
62	3915	3915	3913	3901	3873	3873	3870	3870	3870	3870	3939	3928	3906	3926	3939	3944	3940	3938	3947	3951	4004	4017	4018	3976	4025
63	3918	3914	3914	3908	3907	3889	3875	3870	3870	3870	3870	3870	3871	3871	3871	3871	3871	3870	3870	3869	3869	3869	3925	3928	3869
64	3935	3918	3915	3913	3907	3904	3889	3880	3871	3871	3871	3870	3871	3871	3871	3871	3871	3870	3869	3869	3869	3869	3869	3869	3869
65	3944	3937	3919	3919	3913	3912	3907	3893	3881	3876	3871	3871	3871	3871	3871	3871	3870	3870	3869	3868	3868	3869	3869	3868	3869
66	3953	3947	3940	3931	3921	3912	3911	3905	3887	3879	3884	3871	3871	3871	3870	3870	3869	3868	3868	3868	3868	3868	3868	3868	3868
67	3953	3952	3946	3945	3939	3928	3916	3910	3903	3898	3895	3888	3877	3870	3869	3869	3868	3868	3867	3867	3867	3867	3867	3867	3868
68	3951	3950	3950	3949	3948	3945	3935	3911	3909	3909	3901	3891	3883	3876	3882	3869	3868	3868	3867	3867	3867	3867	3867	3867	3868
69	3949	3949	3949	3947	3947	3947	3947	3934	3924	3909	3909	3903	3898	3892	3881	3880	3873	3867	3867	3867	3867	3867	3867	3867	3867
70	3957	3951	3947	3947	3946	3945	3946	3943	3942	3918	3913	3909	3903	3904	3892	3885	3874	3873	3867	3867	3867	3867	3867	3867	3868
71	3964	3953	3949	3945	3945	3944	3942	3944	3941	3932	3923	3915	3908	3908	3904	3894	3878	3874	3880	3867	3868	3868	3867	3868	3869
72	3970	3960	3955	3948	3950	3945	3943	3941	3942	3942	3932	3919	3914	3908	3908	3904	3897	3891	3878	3875	3869	3868	3868	3869	3869
73	3980	3971	3962	3958	3962	3966	3963	3950	3939	3940	3935	3929	3923	3921	3910	3910	3900	3904	3897	3884	3872	3869	3868	3869	3869
74	3985	3982	3976	3971	3972	3975	3975	3959	3943	3937	3936	3934	3928	3919	3915	3912	3912	3907	3908	3902	3885	3873	3868	3868	3859
75	3990	3986	3984	3978	3976	3980	3981	3966	3950	3935	3936	3933	3930	3919	3914	3918	3918	3913	3912	3901	3890	3877	3868	3869	3861
76	3990	3990	4270	3985	3984	3978	3979	3980	3966	3951	3932	3932	3931	3931	3932	3925	3921	3921	3913	3905	3901	3887	3873	3868	3854
77	4270	4270	4270	4270	3986	3986	3981	3981	3974	3957	3940	3929	3928	3929	3927	3925	3921	3922	3919	3913	3900	3900	3887	3864	3849
78	3995	3996	3996	3997	3987	3987	3987	3981	3972	3963	3943	3926	3925	3924	3924	3923	3923	3920	3919	3915	3906	3898	3874	3856	3839
[illegible]	3998	3998	3998	3998	3996	3991	3988	3988	3983	3975	3965	3944	3932	3921	3921	3921	3920	3919	3916	3907	3900	3903	3886	3862	3826
80	3998	3997	3997	3998	3994	3990	3984	3984	3984	3987	3969	3952	3923	3918	3917	3919	3917	3916	3902	3900	3887	3873	3860	3836	3823
81	4000	4001	3998	3995	3993	3988	3983	3985	3977	3969	3962	3943	3922	3920	3916	3915	3903	3901	3910	3897	3879	3861	3837	3826	3819
82	4001	4003	3999	4001	3994	3991	3984	3973	3963	3957	3946	3926	3919	3914	3914	3914	3901	3898	3887	3872	3847	3837	3822	3822	3822
83	4003	4006	4005	4008	4007	3992	3987	3972	3961	3943	3935	3924	3911	3912	3906	3899	3891	3889	3867	3843	3839	3827	3828	3825	3823
84	4013	4013	4013	4009	4003	3987	3980	3962	3946	3930	3914	3914	3909	3909	3905	3897	3882	3870	3850	3841	3830	3829	3830	3830	3828
85	4017	4017	4016	4005	3979	3970	3965	3947	3920	3921	3918	3905	3906	3907	3904	3889	3870	3855	3851	3832	3832	3832	3831	3831	3801
86	4012	4014	4012	3986	3971	3965	3941	3933	3920	3909	3902	3901	3895	3898	3892	3877	3858	3848	3842	3838	3838	3838	3833	3833	3792

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [51] TO COLUMN [75] ROW [44] TO ROW [86]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
44	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
45	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
46	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
47	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
48	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
49	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
50	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
51	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
52	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
53	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
54	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
55	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
56	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
57	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
58	4270	4066	4060	4053	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
59	4073	3978	3970	4010	3992	3921	3900	4081	4013	3961	3877	3951	3948	3907	3886	4018	4090	3973	3974	4031	4107	3990	4072	4110	4113
60	4036	4013	3990	3982	3906	3964	3951	3958	3964	3964	3948	3844	3838	3934	3960	3967	3966	4064	4075	4016	3995	4097	4096	4035	3999
61	4016	3935	3918	3864	3865	3859	3800	3818	3836	3871	3729	3788	3770	3807	3873	3918	3833	3896	3970	3859	3908	3939	3980	3869	3921
62	3923	3909	3850	3827	3775	3756	3755	3736	3731	3715	3717	3717	3722	3733	3738	3737	3737	3841	3838	3817	3820	3842	3835	3804	3739
63	3869	3868	3859	3858	3824	3780	3764	3744	3739	3740	3734	3746	3745	3744	3746	3742	3753	3758	3756	3750	3751	3756	3749	3742	3744
64	3869	3868	3868	3864	3841	3801	3785	3762	3758	3757	3760	3771	3776	3777	3772	3772	3769	3766	3765	3762	3762	3761	3756	3751	3747
65	3868	3869	3859	3855	3834	3809	3793	3772	3772	3774	3773	3783	3781	3779	3778	3777	3776	3774	3771	3761	3765	3765	3765	3766	3756
66	3869	3863	3853	3848	3835	3820	3810	3795	3787	3786	3786	3786	3784	3781	3779	3779	3779	3779	3775	3770	3768	3769	3767	3767	3764
67	3868	3870	3863	3860	3844	3822	3806	3797	3788	3787	3785	3785	3784	3783	3781	3780	3782	3781	3784	3775	3778	3776	3782	3778	3776
68	3868	3869	3865	3862	3846	3823	3810	3799	3789	3788	3787	3785	3784	3784	3793	3792	3791	3791	3790	3799	3801	3795	3805	3794	3793
69	3869	3870	3870	3864	3842	3823	3807	3795	3789	3789	3787	3786	3786	3817	3837	3835	3840	3838	3836	3839	3834	3832	3824	3832	3822
70	3869	3869	3871	3859	3840	3808	3797	3791	3790	3789	3787	3797	3805	3848	3870	3868	3868	3869	3865	3869	3867	3872	3870	3853	3857
71	3870	3858	3855	3838	3817	3803	3798	3792	3791	3790	3799	3830	3860	3874	3875	3880	3878	3880	3878	3877	3875	3877	3880	3879	3880
72	3864	3859	3840	3827	3806	3799	3793	3793	3792	3809	3822	3856	3872	3875	3885	3891	3893	3892	3898	3895	3894	3896	3888	3891	3905
73	3862	3853	3828	3813	3801	3795	3795	3794	3800	3813	3846	3873	3873	3878	3889	3895	3899	3900	3901	3903	3905	3902	3902	3904	3906
74	3851	3839	3828	3810	3809	3797	3795	3796	3797	3828	3865	3873	3874	3873	3884	3897	3897	3900	3899	3902	3905	3906	3910	3910	3909
75	3847	3823	3816	3806	3804	3801	3799	3800	3810	3835	3833	3844	3864	3873	3874	3883	3890	3892	3899	3899	3900	3907	3899	3908	3902
76	3832	3816	3807	3807	3803	3804	3805	3807	3815	3820	3828	3838	3857	3869	3871	3875	3878	3883	3876	3883	3879	3884	3887	3884	3884
77	3828	3814	3809	3805	3807	3808	3809	3812	3814	3819	3822	3844	3850	3865	3870	3870	3872	3873	3871	3870	3875	3874	3876	3876	3881
78	3825	3815	3808	3808	3807	3808	3809	3811	3816	3819	3821	3828	3829	3858	3868	3870	3870	3870	3870	3869	3869	3870	3870	3870	3870
79	3816	3814	3810	3808	3807	3806	3806	3807	3812	3816	3817	3825	3829	3855	3868	3871	3871	3870	3870	3870	3870	3870	3870	3870	3870
80	3821	3814	3813	3809	3806	3805	3802	3803	3801	3804	3809	3815	3836	3860	3869	3869	3871	3870	3870	3870	3870	3871	3871	3871	3870
81	3818	3817	3813	3812	3807	3802	3801	3797	3795	3793	3790	3797	3799	3833	3854	3870	3871	3871	3871	3871	3871	3871	3870	3870	3870
82	3822	3820	3816	3813	3808	3801	3801	3797	3793	3789	3788	3787	3784	3784	3798	3820	3845	3871	3872	3871	3871	3871	3870	3870	3870
83	3821	3820	3805	3781	3770	3763	3775	3796	3789	3788	3789	3787	3782	3781	3779	3791	3813	3842	3863	3863	3871	3870	3870	3870	3870
84	3826	3754	3735	3722	3724	3731	3732	3751	3781	3789	3789	3779	3779	3779	3779	3776	3787	3821	3841	3853	3859	3859	3864	3864	3870
85	3764	3721	3721	3722	3722	3725	3724	3731	3744	3753	3770	3773	3777	3776	3776	3774	3772	3791	3828	3836	3844	3860	3865	3872	3873
86	3742	3721	3721	3721	3721	3723	3723	3724	3743	3739	3755	3765	3775	3774	3771	3770	3768	3774	3807	3826	3832	3844	3858	3867	3868

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [76] TO COLUMN [100] ROW [44] TO ROW [86]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
44	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
45	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
46	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
47	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
48	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
49	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
50	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
51	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
52	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
53	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
54	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
55	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
56	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
57	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
58	4270	4270	4270	4270	4270	4270	4270	4270	4270	4014	3999	4005	4270	4270	4270	4270	4270	4270	4270	4001	4012	4270	4270	4270	4270
59	3993	4075	4118	3990	3984	3935	3985	4034	3972	3962	4061	4007	3915	3884	4002	4006	3969	3981	4092	4075	4023	3963	4018	4087	4034
60	4063	4099	3995	3984	3984	3977	3973	3986	4076	4015	3913	3947	3966	3957	3930	3948	4041	4057	3989	3987	4044	4072	4019	3978	4034
61	3925	3907	3907	3920	3864	3854	3831	3876	3926	3911	3887	3899	3879	3849	3750	3823	3910	3940	3950	3901	3901	3929	3950	3903	3823
62	3740	3743	3740	3737	3738	3739	3739	3741	3836	3829	3724	3711	3717	3714	3722	3787	3826	3838	3883	3874	3827	3835	3752	3762	3787
63	3745	3750	3748	3740	3740	3743	3742	3741	3742	3734	3738	3727	3729	3724	3726	3724	3722	3801	3767	3721	3728	3733	3742	3758	3786
64	3751	3752	3753	3746	3744	3744	3743	3742	3741	3739	3736	3735	3733	3731	3730	3729	3725	3724	3722	3726	3730	3730	3736	3766	3787
65	3754	3753	3752	3750	3746	3745	3743	3740	3738	3737	3735	3733	3732	3731	3730	3727	3726	3726	3724	3741	3742	3746	3749	3790	3790
66	3763	3761	3760	3761	3761	3751	3748	3745	3744	3733	3739	3732	3736	3731	3728	3726	3726	3726	3735	3736	3740	3749	3770	3790	3799
67	3766	3769	3774	3782	3780	3762	3764	3753	3746	3753	3766	3772	3761	3761	3758	3742	3740	3760	3775	3772	3756	3774	3789	3789	3817
68	3795	3799	3804	3792	3799	3805	3779	3779	3778	3806	3808	3799	3789	3793	3789	3783	3784	3784	3786	3787	3785	3789	3795	3819	3826
69	3822	3835	3828	3831	3830	3844	3836	3826	3827	3842	3835	3826	3823	3827	3826	3810	3800	3803	3804	3804	3806	3819	3836	3832	3841
70	3862	3858	3868	3857	3858	3859	3856	3865	3859	3862	3866	3872	3861	3859	3864	3855	3860	3867	3865	3865	3867	3872	3871	3867	3864
71	3874	3880	3873	3878	3872	3875	3865	3871	3878	3878	3878	3879	3880	3879	3881	3879	3887	3889	3880	3887	3886	3873	3875	3871	3872
72	3896	3893	3892	3900	3889	3885	3884	3891	3899	3900	3904	3894	3900	3898	3892	3898	3905	3902	3904	3912	3912	3907	3917	3925	3918
73	3905	3911	3906	3903	3901	3899	3904	3905	3907	3907	3912	3909	3907	3903	3908	3907	3912	3912	3911	3912	3912	3924	3938	3949	3943
74	3909	3909	3909	3910	3911	3912	3912	3911	3911	3911	3910	3911	3911	3911	3912	3911	3910	3911	3910	3919	3931	3943	3949	3949	3950
75	3904	3908	3902	3902	3909	3910	3911	3910	3910	3910	3910	3910	3910	3910	3909	3910	3909	3909	3914	3928	3939	3947	3950	3950	3951
76	3890	3891	3897	3900	3903	3905	3910	3910	3910	3909	3910	3910	3909	3909	3909	3909	3908	3908	3918	3930	3946	3951	3950	3951	3962
77	3877	3880	3886	3895	3906	3904	3909	3910	3910	3909	4270	3909	3909	3909	3909	3909	3909	3909	3922	3937	3951	3951	3951	3951	3967
78	3871	3876	3882	3889	3895	3904	3910	3910	3910	3910	3909	3909	3909	3910	3910	3910	3910	3915	3924	3942	3951	3950	3950	3958	3974
79	3871	3877	3886	3894	3901	3905	3910	3910	4270	4270	3910	4270	3910	3910	3910	3910	3911	3915	3934	3945	3950	3950	3950	3962	3958
80	3870	3882	3879	3893	3904	3905	3910	3910	3911	3911	3910	3910	3910	3910	3911	3911	3915	3925	3944	3952	3951	3950	3950	3959	3983
81	3870	3876	3885	3897	3903	3910	3910	3910	3911	3911	3911	3911	3910	3910	3911	3911	3916	3925	3943	3952	3950	3950	3956	3970	3977
82	3870	3876	3883	3898	3905	3911	3911	3911	3911	3911	3911	3911	3911	3910	3911	3911	3915	3923	3942	3949	3948	3956	3963	3967	3983
83	3875	3877	3891	3897	3907	3911	3911	3911	3911	3911	3911	3911	3911	3911	3911	3916	3912	3933	3942	3947	3946	3955	3960	3973	3981
84	3870	3876	3879	3902	3905	3911	3911	3911	3911	3911	3911	3910	3911	3911	3916	3918	3926	3937	3946	3946	3953	3953	3967	3991	4001
85	3873	3880	3885	3896	3905	3910	3910	3910	3911	3911	3910	3910	3911	3911	3920	3924	3935	3947	3946	3952	3962	3965	3983	4006	4010
86	3868	3877	3892	3901	3906	3910	3910	3911	3911	3911	3910	3910	3911	3911	3917	3924	3940	3943	3947	3947	3966	3977	3994	4006	4028

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [101] TO COLUMN [125] ROW [44] TO ROW [86]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
44	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
45	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
46	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
47	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
48	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
49	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
50	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
51	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
52	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
53	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
54	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
55	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
56	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
57	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
58	4270	4270	4270	4270	4270	4270	4070	4072	4073	4010	4022	4026	4097	4095	4270	4270	4270	4270	4270	4161	4158	4155	4175	4180	4270
59	3984	4004	4020	3954	3956	4020	4023	3997	4009	4041	4042	4000	4004	4072	4080	4094	4157	4201	4137	4111	4115	4136	4142	4148	4192
60	4051	4003	4012	3997	3990	3939	4017	4008	4029	4032	4009	4019	4032	4056	4069	4129	4132	4149	4132	4123	4122	4125	4134	4163	4197
61	3914	3884	3896	3901	3882	3896	3932	3978	3998	3964	3944	3969	3998	3964	3997	4064	4098	4123	4075	4074	4077	4079	4094	4136	4155
62	3790	3790	3821	3831	3831	3846	3868	3887	3896	3905	3916	3933	3939	3947	3995	4023	4077	4035	4035	4035	4043	4047	4073	4107	4122
63	3790	3797	3831	3831	3839	3861	3874	3881	3883	3903	3935	3945	3952	3952	3959	4012	4037	4037	4037	4042	4050	4061	4087	4109	4120
64	3796	3811	3827	3835	3849	3875	3881	3887	3895	3906	3944	3946	3950	3951	3978	4019	4039	4038	4037	4052	4062	4079	4088	4114	4137
65	3804	3819	3825	3852	3863	3877	3882	3891	3904	3920	3942	3949	3955	3984	4003	4039	4041	4040	4044	4058	4085	4095	4106	4137	4146
66	3825	3835	3847	3865	3876	3878	3889	3907	3927	3942	3948	3948	3964	4003	4037	4037	4041	4040	4045	4079	4107	4105	4128	4149	4153
67	3840	3847	3860	3866	3883	3889	3902	3922	3942	3943	3945	3974	4003	4033	4037	4044	4049	4047	4066	4094	4113	4126	4141	4159	4170
68	3838	3853	3864	3884	3888	3903	3911	3928	3941	3956	3963	4016	4032	4033	4043	4053	4058	4082	4094	4110	4117	4141	4157	4183	4197
69	3847	3870	3890	3891	3904	3916	3923	3935	3971	3993	4017	4032	4032	4033	4059	4076	4090	4105	4106	4117	4135	4156	4174	4203	4213
70	3871	3880	3891	3904	3910	3926	3940	3959	3992	4016	4030	4031	4037	4064	4083	4084	4099	4106	4117	4132	4148	4176	4194	4207	4218
71	3888	3895	3902	3909	3921	3936	3951	3978	4004	4030	4030	4032	4055	4077	4083	4103	4111	4112	4131	4143	4173	4187	4201	4212	4216
72	3888	3907	3916	3934	3943	3958	3989	4014	4029	4029	4030	4053	4065	4079	4093	4109	4111	4127	4141	4149	4167	4194	4208	4216	4216
73	3920	3917	3928	3941	3959	3970	3998	4020	4030	4040	4043	4063	4073	4087	4107	4107	4117	4133	4157	4177	4183	4209	4213	4211	4225
74	3950	3959	3965	3970	3978	3992	4015	4023	4035	4045	4062	4074	4082	4101	4107	4118	4137	4156	4162	4187	4195	4204	4211	4210	4224
75	3956	3964	3976	3986	3996	4009	4027	4031	4048	4059	4068	4079	4092	4108	4118	4131	4144	4158	4178	4194	4208	4205	4222	4222	4270
76	3964	3972	3985	4007	4014	4021	4022	4045	4065	4072	4077	4094	4111	4121	4132	4149	4158	4179	4197	4207	4204	4224	4224	4224	4270
77	3974	3989	3995	4012	4023	4037	4039	4061	4068	4078	4102	4112	4120	4131	4144	4167	4188	4199	4204	4221	4221	4223	4224	4270	4270
78	3981	3997	4005	4009	4024	4049	4055	4070	4079	4099	4112	4121	4132	4144	4152	4172	4194	4209	4218	4219	4220	4222	4222	4221	4270
79	3984	3999	4014	4021	4031	4044	4054	4075	4101	4106	4122	4133	4146	4156	4161	4181	4198	4218	4218	4218	4220	4223	4226	4227	4233
80	3994	4002	4015	4022	4038	4042	4071	4094	4115	4115	4136	4150	4155	4177	4185	4196	4219	4223	4224	4223	4220	4230	4235	4236	4244
81	4010	4018	4028	4033	4038	4054	4081	4099	4109	4129	4151	4152	4165	4184	4205	4216	4222	4223	4223	4226	4238	4247	4246	4239	4256
82	4007	4024	4039	4040	4059	4075	4081	4099	4116	4137	4154	4154	4164	4183	4207	4215	4216	4221	4220	4227	4238	4248	4249	4256	4256
83	4008	4021	4038	4053	4067	4076	4098	4112	4118	4140	4149	4160	4175	4187	4211	4213	4214	4217	4221	4232	4243	4249	4252	4256	4256
84	4023	4041	4047	4051	4063	4086	4100	4112	4120	4138	4145	4171	4179	4195	4211	4213	4215	4218	4229	4242	4248	4249	4248	4253	4270
85	4027	4042	4049	4052	4062	4093	4108	4118	4134	4142	4159	4174	4192	4210	4211	4212	4214	4216	4231	4241	4248	4248	4248	4253	4270
86	4078	4046	4055	4071	4083	4083	4112	4137	4141	4139	4170	4178	4198	4211	4212	4213	4213	4216	4230	4242	4244	4247	4246	4251	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South

CREATED ON : 16/ 2/1987

GRID RECORD : 2

COLUMN [126] TO COLUMN [128] ROW [44] TO ROW [86]

	126	127	128
44	4270	4270	4270
45	4270	4270	4270
46	4270	4270	4270
47	4270	4270	4270
48	4270	4270	4270
49	4270	4270	4270
50	4270	4270	4270
51	4270	4270	4270
52	4270	4270	4270
[illegible]	4270	4270	4270
54	4270	4270	4270
55	4270	4270	4270
56	4270	4270	4270
57	4270	4270	4270
58	4270	4270	4270
59	4217	4237	4224
60	4185	4206	4221
61	4178	4172	4182
62	4121	4139	4160
63	4135	4148	4149
64	4143	4162	4165
65	4155	4170	4182
66	4166	4171	4191
67	4175	4189	4210
68	4217	4218	4214
69	4213	4232	4233
70	4218	4231	4233
71	4217	4229	4270
72	4226	4227	4270
73	4224	4270	4270
74	4270	4270	4270
75	4270	4270	4270
76	4270	4270	4270
77	4270	4270	4270
78	4270	4270	4270
[illegible]	4270	4270	4270
80	4270	4270	4270
81	4270	4270	4270
82	4270	4270	4270
83	4270	4270	4270
84	4270	4270	4270
85	4270	4270	4270
86	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [1] TO COLUMN [25] ROW [87] TO ROW [128]

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
87	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4012	4008
88	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4017	4008	4004
89	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4019	4011	4009	4006
90	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4021	4016	4006	4008
91	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4024	4023	4013	4013	4010
92	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4024	4015	4015	4017	4008
93	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4019	4020	4017	4015	4003
94	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4026	4015	4010	4010	3997	3987
95	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4026	4015	4015	4011	3996	3987
96	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4027	4015	4017	4015	4002	3977
97	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4027	4020	4015	4012	3994	3983
98	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4027	4014	4015	4013	4005	3975
99	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4027	4019	4014	4016	4012	3986
100	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4026	4014	4009	4008	3987
101	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4026	4012	4012	4006	3986
102	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4026	4012	4012	4007	3999
103	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4018	4013	4009	4007
104	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4023	4018	4011	4005
105	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4003	3998	4002	4012	4015	4013
106	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	3997	3996	3990	3991	3982	4003	4001	4013
107	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4003	3976	3979	3978	3984	3976	3980	3977	3997
108	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4018	3987	3987	3981	3979	3967	3957	3961	3965	3976
109	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4015	3992	3987	3988	3974	3958	3950	3947	3943	3952	3958
110	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4011	4003	3993	3996	3987	3971	3954	3945	3942	3943	3941	3945
111	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4002	3995	3989	3991	3998	3989	3965	3961	3957	3943	3943	3942	3937	3942
112	4270	4270	4270	4270	4270	4270	4270	4270	3998	3989	3990	3989	3990	3992	3991	3993	3969	3950	3942	3943	3945	3939	3935	3934	3938
113	4270	4270	4270	4270	4270	4270	3998	3990	3985	3986	3984	3986	3984	3985	3975	3969	3951	3941	3943	3943	3944	3939	3938	3939	3939
114	4270	4270	3995	3995	3985	3978	3985	3986	3984	3985	3984	3975	3976	3970	3968	3965	3949	3941	3943	3943	3943	3944	3942	3942	3942
115	3994	3994	3989	3984	3982	3974	3982	3984	3981	3977	3971	3969	3964	3964	3964	3958	3945	3938	3941	3941	3941	3941	3941	3940	3940
116	3993	3991	3988	3981	3975	3970	3973	3967	3971	3968	3968	3963	3963	3962	3961	3947	3942	3939	3940	3939	3940	3939	3938	3938	3937
117	3991	3987	3987	3980	3967	3962	3962	3962	3963	3963	3962	3962	3960	3957	3952	3943	3941	3940	3939	3937	3935	3935	3936	3936	3934
118	3987	3984	3978	3970	3964	3962	3962	3962	3962	3960	3960	3957	3955	3951	3943	3943	3940	3940	3938	3934	3935	3935	3934	3930	3929
119	3983	3974	3965	3961	3961	3961	3962	3962	3960	3957	3954	3948	3949	3945	3943	3944	3943	3940	3935	3934	3933	3933	3930	3927	3933
120	3970	3967	3961	3961	3960	3960	3961	3959	3955	3951	3948	3945	3945	3945	3944	3943	3941	3938	3933	3927	3927	3928	3926	3923	3922
121	3961	3961	3961	3961	3961	3960	3960	3958	3952	3946	3942	3939	3938	3939	3940	3939	3938	3926	3924	3923	3924	3923	3922	3921	3919
122	3961	3960	3960	3961	3961	3960	3958	3952	3946	3940	3937	3934	3935	3933	3934	3936	3930	3929	3927	3921	3918	3919	3918	3916	3916
123	3957	3957	3955	3956	3957	3954	3952	3945	3941	3939	3937	3936	3934	3931	3930	3928	3927	3928	3925	3919	3916	3914	3914	3915	3915
124	3956	3952	3951	3945	3950	3944	3944	3943	3941	3937	3937	3935	3932	3930	3930	3928	3927	3926	3923	3919	3913	3914	3914	3915	3916
125	3956	3952	3951	3948	3943	3945	3946	3942	3934	3934	3933	3931	3929	3930	3929	3929	3928	3925	3924	3918	3914	3914	3915	3916	3916
126	3951	3951	3949	3945	3943	3943	3940	3937	3934	3929	3930	3929	3928	3926	3922	3924	3925	3924	3923	3920	3916	3914	3914	3915	3915
127	4270	4270	4270	3945	3943	3942	3939	3938	3934	3930	3928	3928	3928	3927	3921	3921	3921	3923	3922	3919	3917	3915	3915	3915	3915
128	4270	4270	4270	4270	3936	3940	3935	3931	3929	3926	3926	3926	3924	3923	3919	3919	3920	3920	3920	3920	3918	3916	3916	3915	3914

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [26] TO COLUMN [50] ROW [87] TO ROW [128]

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
87	4009	4004	3992	3970	3967	3939	3919	3912	3909	3897	3896	3894	3891	3887	3875	3859	3847	3838	3839	3839	3839	3839	3839	3839	3746
88	4003	3992	3974	3968	3961	3931	3906	3900	3894	3894	3891	3890	3887	3875	3862	3851	3846	3841	3843	3839	3839	3839	3839	3725	3723
89	4010	3991	3980	3962	3951	3910	3899	3894	3893	3891	3886	3877	3871	3863	3852	3848	3844	3843	3843	3842	3841	3840	3725	3725	3723
90	4004	3987	3970	3947	3929	3901	3891	3891	3892	3891	3884	3867	3862	3854	3853	3847	3846	3846	3845	3845	3814	3750	3724	3723	3723
91	3996	3978	3964	3943	3911	3896	3889	3889	3889	3888	3878	3865	3855	3857	3851	3850	3850	3848	3847	3831	3785	3742	3734	3726	3723
92	3991	3971	3949	3924	3902	3890	3885	3887	3886	3879	3874	3868	3863	3856	3855	3853	3851	3850	3849	3794	3762	3749	3738	3729	3729
93	3986	3964	3925	3912	3896	3887	3884	3885	3882	3873	3873	3865	3862	3858	3857	3856	3853	3852	3830	3783	3753	3749	3740	3732	3728
94	3975	3950	3920	3908	3883	3878	3883	3884	3880	3874	3867	3864	3861	3860	3860	3858	3853	3830	3795	3779	3772	3756	3745	3729	3726
95	3973	3955	3928	3897	3885	3880	3881	3882	3876	3874	3871	3866	3862	3860	3863	3853	3846	3819	3805	3789	3782	3766	3747	3744	3729
[illegible]	3964	3941	3918	3900	3888	3877	3880	3881	3875	3871	3868	3865	3866	3864	3862	3851	3843	3827	3808	3792	3791	3790	3779	3765	3748
[illegible]	3961	3946	3917	3904	3887	3876	3878	3879	3874	3872	3869	3868	3869	3868	3859	3851	3841	3834	3818	3807	3793	3791	3789	3779	3768
98	3961	3941	3917	3905	3888	3877	3877	3877	3876	3873	3871	3870	3872	3868	3856	3849	3839	3834	3831	3821	3805	3795	3791	3788	3788
99	3968	3945	3918	3906	3894	3875	3877	3877	3875	3873	3872	3873	3874	3873	3859	3853	3841	3837	3837	3827	3815	3807	3800	3797	3792
100	3959	3942	3926	3905	3884	3881	3877	3877	3877	3875	3874	3873	3874	3874	3870	3854	3847	3844	3842	3834	3819	3814	3811	3803	3801
101	3967	3945	3923	3914	3889	3881	3876	3877	3876	3876	3875	3875	3874	3874	3866	3862	3849	3850	3844	3840	3834	3822	3814	3810	3810
102	3978	3952	3929	3910	3890	3872	3875	3876	3877	3877	3877	3876	3876	3873	3872	3864	3855	3852	3849	3851	3839	3828	3822	3819	3823
103	3990	3956	3936	3918	3897	3882	3878	3875	3877	3877	3877	3877	3877	3879	3875	3874	3867	3863	3853	3853	3848	3834	3829	3830	3829
104	3989	3985	3940	3913	3906	3887	3879	3875	3876	3878	3878	3878	3878	3880	3881	3880	3876	3870	3864	3856	3854	3855	3850	3853	3852
105	4001	3988	3942	3921	3911	3898	3882	3879	3879	3875	3877	3879	3880	3881	3880	3878	3874	3872	3871	3867	3865	3868	3870	3867	3867
106	4004	3989	3968	3926	3921	3904	3888	3880	3873	3875	3877	3879	3881	3881	3881	3879	3873	3870	3869	3869	3869	3869	3871	3871	3872
107	3999	3990	3985	3955	3933	3906	3904	3889	3882	3879	3876	3879	3880	3881	3882	3878	3878	3872	3870	3868	3869	3871	3872	3872	3876
108	3993	3986	3985	3976	3953	3922	3905	3899	3886	3880	3876	3879	3882	3882	3884	3883	3880	3878	3876	3875	3876	3876	3875	3881	3882
109	3974	3972	3975	3981	3982	3937	3911	3906	3894	3887	3885	3879	3881	3883	3884	3885	3887	3887	3886	3887	3889	3889	3892	3896	3899
110	3951	3952	3970	3979	3980	3969	3922	3912	3906	3893	3887	3884	3883	3884	3885	3885	3887	3889	3890	3893	3894	3895	3897	3899	3901
111	3949	3952	3955	3975	3978	3981	3948	3916	3914	3910	3900	3891	3892	3885	3886	3887	3887	3888	3890	3891	3895	3895	3899	3904	3907
112	3944	3948	3950	3958	3968	3975	3962	3939	3930	3912	3907	3899	3889	3886	3887	3887	3888	3892	3898	3906	3907	3912	3917	3915	3913
113	3940	3939	3934	3941	3957	3974	3976	3958	3930	3916	3910	3901	3894	3889	3888	3891	3900	3902	3909	3913	3918	3923	3923	3928	3932
114	3940	3932	3933	3945	3952	3969	3981	3984	3954	3929	3928	3913	3907	3895	3889	3894	3899	3908	3910	3923	3939	3938	3943	3945	3949
115	3937	3934	3933	3942	3964	3976	4001	3995	3960	3948	3941	3928	3901	3896	3891	3894	3900	3902	3912	3936	3950	3952	3957	3956	3974
116	3935	3932	3939	3954	3984	3998	3993	3988	3967	3952	3937	3921	3906	3897	3892	3895	3897	3903	3909	3936	3949	3962	3968	3972	3978
117	3931	3939	3948	3969	3984	4003	4001	3993	3965	3953	3939	3927	3907	3893	3894	3896	3903	3905	3916	3929	3961	3969	3970	3980	3985
118	3936	3947	3959	3977	3985	3990	3994	3986	3972	3957	3936	3923	3897	3897	3897	3901	3904	3907	3930	3946	3963	3972	3972	3976	3985
119	3949	3960	3961	3981	3983	3986	3986	3984	3975	3955	3929	3906	3899	3899	3900	3903	3903	3917	3934	3959	3971	3974	3978	3978	3986
120	3927	3938	3946	3970	3983	3981	3984	3981	3950	3926	3911	3900	3900	3899	3899	3901	3909	3926	3955	3963	3979	3982	3980	3979	3981
[illegible]	3921	3921	3920	3942	3980	3980	3976	3969	3936	3909	3905	3901	3901	3903	3902	3913	3925	3943	3963	3971	3974	3979	3979	3979	4270
[illegible]	3919	3919	3919	3938	3969	3967	3962	3945	3924	3910	3903	3903	3903	3905	3910	3918	3942	3954	3973	3975	3975	3975	3978	4270	4270
123	3915	3917	3916	3925	3956	3954	3951	3941	3917	3909	3904	3904	3904	3912	3913	3927	3944	3961	3975	3978	3978	3978	3977	4270	4270
124	3917	3916	3916	3914	3924	3941	3938	3938	3913	3906	3905	3910	3911	3924	3933	3941	3953	3959	3978	3977	3975	3978	4270	4270	4270
125	3916	3917	3915	3913	3912	3911	3913	3917	3907	3906	3911	3913	3924	3935	3943	3953	3951	3964	3971	3972	3972	3984	4270	4270	4270
126	3912	3914	3913	3912	3911	3910	3909	3908	3908	3908	3914	3920	3934	3947	3949	3954	3961	3969	3974	3973	3984	3984	4270	4270	4270
127	3914	3913	3912	3911	3910	3910	3909	3909	3909	3913	3921	3932	3943	3949	3950	3953	3959	3969	3976	3974	3985	4270	4270	4270	4270
128	3913	3913	3913	3912	3911	3911	3911	3910	3910	3920	3931	3942	3949	3949	3950	3956	3960	3971	3974	3974	3985	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [51] TO COLUMN [75] ROW [87] TO ROW [128]

	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
87	3721	3721	3721	3721	3720	3720	3722	3723	3739	3738	3747	3747	3762	3762	3768	3767	3766	3765	3773	3806	3826	3832	3848	3846	3866
88	3724	3722	3719	3719	3720	3721	3721	3721	3723	3725	3725	3731	3734	3738	3754	3765	3764	3763	3761	3765	3797	3814	3823	3835	3858
89	3723	3724	3720	3720	3721	3721	3721	3722	3723	3730	3727	3728	3727	3733	3746	3753	3761	3760	3759	3762	3774	3791	3811	3826	3840
90	3723	3722	3722	3723	3722	3722	3722	3722	3728	3731	3731	3730	3731	3737	3740	3744	3750	3755	3757	3756	3755	3760	3783	3800	3815
91	3722	3723	3723	3724	3723	3724	3723	3723	3731	3732	3732	3731	3731	3731	3733	3735	3746	3747	3752	3754	3754	3754	3767	3778	3798
92	3725	3724	3724	3724	3724	3723	3723	3728	3730	3731	3732	3732	3732	3732	3731	3734	3734	3736	3744	3749	3751	3751	3753	3769	3783
93	3728	3725	3725	3724	3724	3724	3724	3728	3730	3730	3731	3731	3732	3731	3731	3732	3732	3734	3741	3748	3747	3750	3750	3759	3773
94	3727	3724	3724	3726	3727	3727	3727	3731	3732	3732	3731	3731	3731	3731	3732	3732	3733	3733	3739	3739	3746	3749	3750	3756	3772
95	3727	3730	3726	3726	3726	3726	3730	3732	3732	3732	3733	3733	3732	3732	3732	3732	3733	3735	3738	3742	3745	3748	3749	3750	3770
[illegible]	3743	3730	3730	3728	3728	3730	3731	3732	3733	3734	3734	3734	3735	3734	3734	3734	3736	3738	3739	3742	3745	3746	3748	3755	3775
97	3751	3747	3735	3729	3729	3730	3730	3732	3733	3733	3734	3735	3736	3737	3738	3737	3736	3740	3742	3744	3745	3750	3754	3772	3792
98	3777	3771	3756	3744	3741	3737	3736	3733	3733	3733	3734	3735	3736	3737	3738	3738	3739	3742	3743	3744	3751	3775	3785	3806	3847
99	3791	3783	3774	3764	3762	3765	3756	3748	3742	3741	3739	3736	3736	3736	3737	3741	3742	3746	3744	3759	3774	3794	3802	3823	3847
100	3797	3791	3793	3791	3788	3775	3769	3761	3760	3750	3741	3746	3746	3750	3747	3747	3750	3759	3765	3777	3794	3818	3841	3850	3868
101	3809	3811	3803	3797	3793	3789	3778	3785	3777	3772	3761	3763	3757	3756	3759	3756	3761	3771	3779	3800	3818	3835	3861	3876	3879
102	3820	3818	3816	3816	3812	3811	3807	3803	3791	3792	3789	3785	3783	3773	3778	3795	3800	3801	3823	3843	3846	3861	3871	3880	3895
103	3828	3825	3824	3821	3818	3819	3819	3816	3819	3818	3818	3816	3822	3818	3820	3840	3838	3848	3853	3872	3869	3877	3885	3899	3900
104	3853	3853	3850	3842	3845	3846	3841	3857	3863	3864	3858	3855	3853	3865	3860	3869	3876	3876	3882	3890	3896	3893	3902	3909	3913
105	3868	3868	3869	3867	3870	3870	3869	3872	3875	3873	3874	3885	3886	3880	3879	3883	3895	3899	3899	3903	3904	3911	3911	3912	3913
106	3873	3873	3878	3879	3882	3885	3885	3885	3890	3893	3899	3904	3907	3906	3897	3904	3904	3905	3905	3910	3908	3911	3912	3913	3913
107	3877	3883	3878	3889	3897	3898	3902	3907	3907	3912	3912	3912	3911	3911	3910	3909	3909	3909	3910	3910	3911	3911	3912	3913	3914
108	3889	3894	3900	3901	3909	3910	3910	3911	3912	3912	3912	3911	3911	3911	3910	3909	3909	3909	3910	3910	3911	3912	3919	3913	3920
109	3902	3905	3905	3907	3908	3909	3910	3910	3910	3911	3911	3910	3910	3910	3910	3909	3909	3909	3910	3911	3919	3927	3925	3930	3921
110	3903	3905	3907	3907	3908	3908	3909	3909	3910	3909	3910	3910	3910	3909	3909	3909	3909	3915	3916	3924	3914	3935	3943	3941	3943
111	3907	3908	3907	3907	3908	3914	3914	3914	3914	3913	3919	3915	3923	3922	3928	3923	3919	3926	3920	3935	3942	3957	3958	3958	3959
112	3914	3914	3915	3919	3926	3927	3918	3926	3918	3922	3919	3928	3931	3926	3927	3934	3938	3936	3942	3953	3961	3964	3959	3972	3987
113	3942	3946	3946	3940	3941	3946	3941	3942	3942	3942	3943	3946	3958	3951	3951	3957	3958	3964	3962	3964	3972	3980	3992	4005	4025
114	3961	3963	3965	3965	3967	3967	3966	3965	3969	3972	3965	3967	3976	3978	3973	3977	3983	3981	3990	3983	3986	3992	3996	4013	4026
115	3981	3980	3979	3975	3982	3983	3991	3992	3987	3979	3978	3990	3996	3995	3988	3989	3996	3995	4005	3997	3994	3994	4012	4022	4028
116	3981	3985	3988	3989	3987	3992	3995	3998	3996	3995	3996	3998	4008	4002	3999	3998	3999	4001	4004	4004	3996	4009	4025	4025	4026
117	3992	3990	3988	3992	3991	3996	4000	4001	3997	4001	4001	4001	4001	4002	4000	3999	4001	4006	4010	4015	4017	4022	4026	4026	4027
118	3989	3994	3994	3995	4002	4000	4000	4001	4004	4270	4005	4005	4006	4006	4021	4021	4025	4023	4024	4025	4026	4026	4026	4026	4026
119	3993	3995	3995	3996	3997	4001	4003	4009	4270	4270	4270	4270	4270	4270	4270	4270	4025	4026	4026	4026	4026	4026	4026	4026	4026
120	4270	4270	4001	4002	4270	4270	4270	4270	4270	4270	4270	4270	4270	4023	4023	4024	4025	4025	4026	4026	4026	4026	4026	4026	4026
121	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4022	4023	4023	4024	4025	4025	4026	4026	4027	4026	4026	4270
[illegible]	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4020	4021	4022	4023	4023	4024	4025	4025	4026	4270	4270	4270	4270
123	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4021	4021	4021	4021	4022	4023	4023	4023	4270	4270	4270	4270	4270	4270
124	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4021	4021	4021	4021	4021	4022	4023	4023	4270	4270	4270	4270	4270	4270
125	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4021	4021	4021	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South   CREATED ON : 16/ 2/1987

GRID RECORD : 2   COLUMN [76] TO COLUMN [100] ROW [87] TO ROW [128]

	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
87	3878	3877	3889	3898	3905	3909	3910	3910	3910	3911	3910	3911	3911	3912	3916	3923	3943	3943	3948	3955	3966	3979	3997	4013	4032
88	3874	3877	3883	3894	3902	3904	3910	3910	3911	3911	3912	3912	3912	3912	3930	3943	3944	3947	3948	3962	3967	3980	4004	4028	4029
89	3852	3869	3878	3880	3892	3903	3906	3910	3910	3911	3912	3912	3916	3918	3938	3948	3948	3948	3956	3957	3976	3996	4010	4028	4034
90	3823	3846	3856	3869	3881	3901	3905	3905	3910	3910	3912	3913	3914	3919	3929	3944	3946	3949	3956	3966	3979	4001	4015	4030	4037
91	3807	3818	3825	3842	3860	3891	3896	3898	3903	3910	3911	3913	3914	3915	3916	3928	3940	3945	3950	3961	3971	4002	4016	4028	4038
92	3795	3805	3823	3832	3845	3870	3881	3895	3897	3910	3912	3913	3914	3914	3915	3920	3935	3939	3950	3954	3961	3993	4025	4032	4036
93	3784	3798	3816	3824	3851	3877	3893	3895	3900	3912	3913	3914	3914	3919	3921	3929	3937	3945	3951	3963	3982	4004	4035	4035	4041
94	3781	3800	3820	3838	3851	3893	3898	3904	3910	3913	3913	3914	3923	3925	3938	3945	3950	3950	3958	3989	3993	4034	4034	4050	4063
95	3785	3801	3828	3839	3858	3889	3906	3905	3911	3912	3917	3918	3932	3948	3948	3949	3950	3957	3984	4005	4023	4033	4033	4042	4094
[illegible]	3797	3807	3826	3858	3868	3881	3899	3911	3911	3917	3922	3933	3946	3947	3949	3950	3956	3982	4003	4031	4033	4032	4032	4042	4063
[illegible]	3818	3829	3862	3868	3881	3891	3906	3910	3916	3932	3942	3943	3946	3949	3957	3966	3985	4000	4009	4016	4027	4033	4032	4046	4072
98	3848	3860	3868	3880	3891	3906	3911	3918	3934	3939	3943	3947	3949	3958	3968	3983	4000	4017	4020	4027	4029	4033	4038	4048	4075
99	3856	3874	3884	3893	3905	3912	3923	3930	3933	3936	3944	3953	3956	3959	3989	4003	4014	4027	4027	4029	4034	4034	4039	4044	4065
100	3877	3892	3893	3906	3911	3914	3918	3929	3931	3939	3945	3951	3956	3990	4011	4031	4035	4029	4035	4035	4035	4035	4042	4047	4073
101	3883	3893	3899	3912	3915	3916	3921	3923	3927	3938	3951	3951	3978	4002	4014	4033	4037	4037	4038	4036	4041	4040	4060	4069	4081
102	3901	3902	3914	3914	3915	3915	3917	3921	3924	3950	3963	3985	3997	4016	4026	4034	4038	4037	4037	4036	4041	4052	4071	4084	4088
103	3908	3912	3915	3915	3915	3915	3915	3927	3945	3971	3994	4001	4015	4031	4039	4038	4038	4037	4036	4036	4042	4065	4082	4091	4090
104	3913	3914	3916	3915	3916	3922	3928	3941	3979	3992	4004	4021	4036	4038	4037	4038	4037	4036	4043	4041	4053	4074	4096	4094	4096
105	3914	3915	3916	3927	3930	3937	3946	3966	3979	3998	4018	4036	4036	4036	4036	4036	4035	4035	4043	4038	4071	4083	4098	4098	4100
106	3914	3915	3921	3931	3942	3951	3969	3984	3992	4010	4030	4035	4035	4034	4036	4034	4035	4035	4043	4060	4078	4101	4101	4102	4104
107	3914	3923	3928	3947	3962	3969	3984	3989	4008	4025	4035	4034	4035	4035	4034	4034	4036	4042	4057	4081	4098	4106	4105	4106	4110
108	3927	3932	3944	3960	3962	3981	3983	4002	4024	4033	4033	4034	4034	4034	4033	4038	4037	4047	4071	4092	4104	4109	4109	4110	4112
109	3938	3952	3968	3971	3978	3984	4005	4017	4033	4033	4034	4034	4034	4035	4039	4040	4040	4060	4074	4102	4107	4110	4111	4113	4113
110	3953	3966	3975	3982	3988	3999	4008	4024	4031	4033	4033	4033	4033	4038	4037	4042	4044	4055	4073	4089	4103	4112	4114	4115	4115
111	3959	3967	3972	3989	3998	4013	4019	4027	4031	4032	4032	4035	4039	4042	4043	4046	4045	4045	4058	4093	4115	4117	4118	4118	4118
112	3992	3997	3999	4003	4018	4018	4017	4023	4024	4031	4033	4034	4038	4042	4048	4048	4052	4052	4055	4270	4270	4122	4122	4122	4120
113	4028	4027	4027	4026	4026	4027	4028	4029	4031	4033	4034	4034	4035	4042	4051	4053	4053	4053	4064	4084	4102	4125	4123	4123	4122
114	4028	4027	4026	4026	4026	4026	4027	4270	4270	4032	4033	4039	4039	4041	4045	4053	4057	4061	4065	4066	4095	4109	4124	4123	4124
115	4028	4027	4026	4026	4026	4027	4027	4270	4270	4031	4033	4034	4034	4043	4044	4057	4064	4066	4068	4270	4270	4099	4110	4125	4124
116	4028	4027	4026	4027	4027	4028	4029	4031	4031	4270	4270	4270	4270	4270	4270	4065	4066	4067	4072	4073	4074	4088	4093	4112	4118
117	4026	4026	4027	4027	4028	4030	4030	4031	4033	4033	4034	4035	4035	4270	4270	4270	4270	4270	4074	4075	4077	4078	4270	4107	4114
118	4026	4026	4027	4029	4030	4032	4033	4034	4036	4036	4037	4037	4270	4270	4270	4270	4270	4075	4076	4081	4081	4081	4270	4097	4108
119	4026	4026	4028	4030	4031	4033	4034	4037	4038	4040	4040	4039	4041	4270	4270	4270	4270	4270	4088	4088	4087	4086	4086	4086	4107
120	4270	4270	4270	4030	4270	4037	4038	4039	4041	4043	4044	4044	4043	4045	4045	4270	4270	4270	4270	4091	4093	4094	4094	4096	4104
121	4270	4270	4270	4270	4270	4270	4270	4044	4044	4045	4046	4046	4048	4048	4270	4270	4270	4270	4270	4097	4096	4098	4100	4102	4104
[illegible]	4270	4270	4270	4270	4270	4270	4046	4046	4047	4049	4049	4049	4051	4052	4270	4270	4270	4270	4099	4099	4100	4101	4101	4102	4106
123	4270	4270	4270	4270	4270	4270	4270	4270	4053	4052	4053	4053	4054	4053	4054	4054	4270	4270	4099	4099	4101	4102	4103	4105	4106
124	4270	4270	4270	4270	4270	4270	4270	4055	4055	4056	4055	4055	4056	4057	4056	4270	4270	4270	4270	4101	4102	4103	4104	4106	4108
125	4270	4270	4270	4270	4270	4270	4270	4270	4056	4057	4058	4059	4060	4059	4060	4061	4270	4270	4098	4098	4101	4103	4103	4106	4109
126	4270	4270	4270	4270	4270	4270	4270	4270	4063	4062	4062	4062	4062	4063	4062	4062	4073	4270	4098	4098	4098	4101	4102	4106	4109
127	4270	4270	4270	4270	4270	4270	4270	4064	4064	4065	4065	4064	4064	4065	4064	4070	4083	4095	4097	4097	4098	4100	4101	4102	4107
128	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4068	4068	4067	4067	4072	4077	4086	4094	4095	4096	4098	4098	4100	4101	4105

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [101] TO COLUMN [125] ROW [87] TO ROW [128]

	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
87	4042	4053	4070	4084	4090	4114	4139	4141	4145	4160	4176	4200	4209	4209	4211	4215	4215	4220	4231	4240	4244	4243	4251	4251	4270
88	4044	4062	4079	4102	4119	4120	4136	4143	4152	4184	4198	4206	4207	4208	4210	4211	4211	4224	4231	4233	4240	4243	4270	4270	4270
89	4054	4073	4088	4110	4123	4131	4130	4152	4174	4204	4206	4205	4206	4208	4210	4211	4216	4225	4233	4235	4239	4239	4248	4270	4270
90	4054	4084	4089	4110	4123	4130	4147	4184	4207	4205	4206	4206	4208	4210	4210	4209	4225	4232	4236	4239	4236	4240	4270	4270	4270
91	4058	4084	4106	4117	4126	4131	4151	4190	4209	4211	4211	4213	4213	4208	4208	4213	4225	4229	4236	4237	4241	4270	4270	4270	4270
92	4059	4078	4101	4111	4122	4136	4164	4209	4213	4216	4220	4219	4219	4213	4219	4230	4233	4237	4237	4237	4245	4270	4270	4270	4270
93	4053	4093	4105	4113	4128	4143	4179	4211	4215	4219	4222	4222	4224	4225	4230	4231	4235	4236	4236	4238	4270	4270	4270	4270	4270
94	4085	4093	4098	4108	4136	4163	4192	4203	4206	4214	4222	4225	4227	4228	4230	4232	4234	4235	4235	4270	4270	4270	4270	4270	4270
95	4096	4100	4100	4100	4143	4170	4191	4200	4207	4215	4224	4226	4230	4230	4231	4231	4232	4234	4270	4270	4270	4270	4270	4270	4270
[illegible]	4083	4085	4093	4112	4154	4180	4184	4197	4209	4218	4229	4230	4231	4231	4231	4233	4233	4270	4270	4270	4270	4270	4270	4270	4270
97	4085	4092	4102	4143	4161	4170	4177	4182	4199	4214	4225	4231	4231	4232	4233	4233	4234	4270	4270	4270	4270	4270	4270	4270	4270
98	4080	4088	4104	4154	4159	4166	4176	4181	4199	4214	4227	4230	4232	4234	4236	4236	4236	4270	4270	4270	4270	4270	4270	4270	4270
99	4081	4094	4110	4142	4155	4163	4172	4178	4200	4209	4221	4227	4231	4235	4236	4236	4239	4239	4270	4270	4270	4270	4270	4270	4270
100	4087	4095	4104	4124	4148	4161	4168	4178	4194	4212	4222	4227	4229	4235	4239	4239	4242	4242	4270	4270	4270	4270	4270	4270	4270
101	4088	4093	4098	4115	4138	4154	4164	4180	4197	4211	4219	4221	4224	4235	4240	4241	4243	4246	4246	4270	4270	4270	4270	4270	4270
102	4089	4096	4106	4127	4141	4152	4154	4179	4206	4211	4218	4219	4220	4232	4242	4244	4243	4247	4248	4270	4270	4270	4270	4270	4270
103	4096	4099	4111	4129	4148	4145	4160	4179	4197	4212	4213	4214	4219	4227	4236	4245	4250	4250	4252	4270	4270	4270	4270	4270	4270
104	4097	4106	4110	4127	4142	4161	4179	4197	4206	4209	4209	4211	4214	4224	4242	4246	4252	4254	4256	4254	4270	4270	4270	4270	4270
105	4101	4103	4130	4151	4173	4182	4196	4197	4199	4205	4204	4206	4210	4220	4238	4252	4257	4257	4258	4258	4270	4270	4270	4270	4270
106	4107	4112	4119	4158	4186	4190	4193	4195	4198	4202	4202	4202	4202	4211	4236	4252	4259	4259	4259	4259	4262	4270	4270	4270	4270
107	4111	4110	4109	4174	4190	4190	4190	4190	4193	4199	4199	4199	4199	4209	4233	4249	4261	4261	4261	4261	4262	4270	4270	4270	4270
108	4111	4109	4117	4162	4184	4190	4190	4190	4190	4190	4192	4193	4193	4195	4220	4244	4262	4262	4262	4262	4262	4270	4270	4270	4270
109	4114	4114	4120	4136	4167	4181	4188	4188	4187	4186	4186	4188	4189	4190	4194	4238	4262	4262	4262	4262	4270	4270	4270	4270	4270
110	4117	4117	4122	4128	4139	4170	4184	4187	4186	4186	4179	4186	4186	4184	4183	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
111	4118	4119	4121	4125	4133	4152	4178	4185	4185	4181	4183	4181	4181	4182	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
112	4120	4119	4121	4121	4122	4148	4169	4181	4179	4177	4176	4177	4178	4178	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
113	4121	4120	4120	4120	4120	4134	4157	4166	4174	4173	4173	4174	4174	4174	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
114	4123	4121	4121	4120	4120	4128	4151	4163	4171	4170	4171	4170	4170	4170	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
115	4123	4123	4122	4121	4121	4129	4150	4163	4169	4168	4168	4168	4169	4167	4167	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
116	4124	4124	4122	4122	4121	4131	4147	4161	4168	4167	4167	4167	4167	4167	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
117	4123	4124	4122	4121	4121	4121	4130	4151	4167	4166	4166	4166	4164	4166	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
118	4122	4121	4120	4120	4121	4121	4128	4136	4153	4157	4162	4163	4162	4161	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
119	4120	4120	4119	4118	4120	4121	4122	4131	4140	4148	4156	4156	4159	4159	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
120	4113	4114	4116	4117	4119	4121	4122	4125	4136	4140	4144	4150	4150	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
121	4109	4113	4115	4115	4119	4121	4123	4125	4126	4129	4137	4135	4137	4144	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
[illegible]	4107	4112	4114	4115	4118	4121	4123	4125	4127	4127	4129	4130	4131	4133	4133	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
123	4109	4112	4114	4116	4119	4120	4123	4124	4128	4129	4130	4131	4132	4133	4133	4133	4270	4270	4270	4270	4270	4270	4270	4270	4270
124	4111	4113	4116	4117	4119	4120	4122	4124	4128	4130	4131	4131	4132	4132	4133	4133	4270	4270	4270	4270	4270	4270	4270	4270	4270
125	4111	4114	4116	4118	4119	4121	4123	4124	4127	4129	4130	4131	4132	4132	4133	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
126	4111	4115	4117	4119	4121	4124	4125	4127	4127	4128	4129	4129	4131	4131	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
127	4112	4115	4116	4119	4123	4125	4127	4128	4128	4128	4128	4129	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270
128	4113	4115	4116	4122	4126	4127	4130	4130	4130	4130	4131	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270	4270

SURFACE ELEVATION GRID

CREATED BY INVERSE DISTANCE INTERPOLATION

DESCRIPTION : Faro November/86 Month End Pit Elevations - South CREATED ON : 16/ 2/1987

GRID RECORD : 2 COLUMN [126] TO COLUMN [128] ROW [87] TO ROW [128]

	126	127	128
87	4270	4270	4270
88	4270	4270	4270
89	4270	4270	4270
90	4270	4270	4270
91	4270	4270	4270
92	4270	4270	4270
93	4270	4270	4270
94	4270	4270	4270
95	4270	4270	4270
[illegible]	4270	4270	4270
97	4270	4270	4270
98	4270	4270	4270
99	4270	4270	4270
100	4270	4270	4270
101	4270	4270	4270
102	4270	4270	4270
103	4270	4270	4270
104	4270	4270	4270
105	4270	4270	4270
106	4270	4270	4270
107	4270	4270	4270
108	4270	4270	4270
109	4270	4270	4270
110	4270	4270	4270
111	4270	4270	4270
112	4270	4270	4270
113	4270	4270	4270
114	4270	4270	4270
115	4270	4270	4270
116	4270	4270	4270
117	4270	4270	4270
118	4270	4270	4270
119	4270	4270	4270
120	4270	4270	4270
121	4270	4270	4270
[illegible]	4270	4270	4270
123	4270	4270	4270
124	4270	4270	4270
125	4270	4270	4270
126	4270	4270	4270
127	4270	4270	4270
128	4270	4270	4270

Assays

Notes on F8701 Borehole Files

1.) INTRODUCTION

The DDHDB (Diamond Drill Hole Data Base) located on the HP3000 computer at the Faro Minesite contains assays, lithologies, downhole surveys and collar information for all the Faro Zone 3 drill holes. PCMINE software allows for importing drill hole data from an appropriately formatted ASCII file. I have written two FORTRAN programs to create the sequential ASCII file required by PCMINE.

2.) PROGRAM DH203A (HP3000 SYSTEM)

The first program, DH203A, is resident on the HP3000 computer at the Faro Minesite. This program creates a sequential ASCII file on the HP3000 disc and transfers the appropriate data for all drill holes in the DDHDB to this file. The ASCII file is named FARODDHS.PUB.GEOLOGY. Information stored in FARODDHS for each drill hole includes DDHID, collar coordinates, total depth, lithologic units, assays, and downhole surveys.

During execution of this program, collar coordinates for each drill hole are transformed from Mine Grid coordinates to F8701 model coordinates. All non-assayed waste intervals are given identical assay intervals with all elements being assigned an assay value of -1.0 (not measured).

Calculation of downhole surveys follows a more complex procedure. PCMINE software contains a very simple straight line downhole deviation correction. In contrast DDHDB contains a spline calculation resulting in a smoothly curving drill hole trace. To closely approximate this curved trace, the following procedures are followed in calculating a sequence of "theoretical" downhole surveys for importing to PCMINE. First azimuths in the existing downhole surveys are corrected by adding 45° to the measured azimuths. This accounts for the 45 degree rotation between the Mine Grid and the F8701 Model Grid. Next the downhole spline for the drill hole is calculated using existing DDHDB software. The position of the drill hole is determined relative to the collar for each 50 foot interval down the hole. Downhole deviations are calculated for each segment so that drillhole locations correspond to calculated drill hole positions. These calculated downhole surveys are then transferred to the output ASCII file.

Using program DH203A, all Faro drillholes presently in DDHDB were downloaded to the output ASCII file. This included the 25 drill holes completed in 1986. Program DH203A is not included on the Menu System at the Faro Minesite. If further drilling necessitates the downloading of additional drill holes, this may be accomplished using program DH203. In DH203 drill holes to be downloaded are requested by DDHID; this program is included in the Menu System at the Faro Minesite.

3.) FILE TRANSFER (HP3000 to IBM-Compatible Personal Computer)

The sequential ASCII file FARODDHS.PUB.GEOLOGY was transferred from the HP3000 system to an IBM-Compatible personal computer system using the software package REFLECTIONS. Consult with Faro Minesite Computer Information Services for help with connecting the two machines and using REFLECTIONS.

4.) PROGRAM DDHIMPRT (IBM-Compatible Personal Computer)

The sequential ASCII file transferred to the personal computer is still not fully compatible with PCMINE software. Lithology units from DDHDB are too complicated and detailed for the simplified geology represented by the F8701 model. DDHDB contains analyses for up to 15 elements; in contrast PCMINE only allows assays for a maximum of 5 elements to be imported into the mine model.

DDHIMPRT is a FORTRAN77 program which reads the DDHDB ASCII file and transfers the appropriate data to an output sequential file which is fully compatible with the PCMINE software restrictions. The User selects the elements to be transferred to the output file during each program run. In addition options are included for ignoring all drill holes whose collars are located outside a user-specified rectangle of interest and clipping all assay values for each element to user-specified maximum values.

Lithology units are not transferred to the output file by DDHIMPRT. After the program run is completed, the simplified geology units need to be entered using a text editor.

5.) F8701 DRILL HOLE DATA FILE (Pass 1)

3 data files, each containing assay results for 5 elements, were created in separate DDHIMPRT runs. Elements included in these files were:

File Name	Elements	Purpose
FARODDH1.DAT	SG, Pb, Zn, Ag, Au	modelling
FARODDH2.DAT	Pb+Zn, Pb, Zn, Ag, Au	stats., plotting
FARODDH3.DAT	Pb+Zn, Cu, Po, Py, Ba	stats., plotting

All -1.0 assays were changed to 0.0 in the output file. Waste intervals were included in the assays transferred to the output file.

With all these files only those drill holes between cross sections 116+070 and 125+000 were included. The rectangular area of interest defining this restriction was:

EASTING

Minimum: 20400.0 Maximum: 22850.0

NORTHING

Minimum: 37430.0 Maximum: 38680.0

None of the transferred assays were clipped to user-specified maximum values.

Lithology units for each drill hole ~~was~~ were determined using the F8701 geological cross-section interpretation. These units were also checked against the original field logs to determine the appropriate downhole from-to intervals. The desired lithology information was added to the drill hole files using the text editor VEDIT.

6.) F8701 DRILL HOLE DATA FILE (Pass 2)

```
$CONTROL USLINIT, CROSSREF, LABEL
      PROGRAM DH203
C***********************************************************************
C                                                                      *
C              C U R R A G H   R E S O U R C E S                       *
C                                                                      *
C***********************************************************************
C                                                                      *
C                P R O G R A M   D H 2 0 3                             *
C                -------------------------                             *
C                                                                      *
C***********************************************************************
C                                                                      *
C     MAIN PROGRAM IN DIAMOND DRILL HOLE DATA BASE SYSTEM              *
C                                                                      *
C         DESIGNED AND PROGRAMMED BY                                   *
C                         LEE PIGAGE                                   *
C                         CURRAGH RESOURCES - WHITEHORSE               *
C                                                                      *
C         VERSION   1.0                          FEBRUARY 1987         *
C                                                                      *
C***********************************************************************
C                 SPECIAL '* FARO *' VERSION                           *
C***********************************************************************
C                                                                      *
C     PROGRAM DH203 CREATES A DDH DATA FILE ON THE HP3000.             *
C      THIS OUTPUT FILE CONTAINS COLLAR, LITHOLOGY, ASSAY, AND          *
C      DOWNHOLE SURVEY DATA FOR REQUESTED DRILL HOLES IN THE DDHDB.    *
C      THE FORMAT OF THE OUTPUT FILE IS COMPATIBLE (WITH ONLY MINOR    *
C      EDITING) FOR INPUT TO PCMINE.                                   *
C                                                                      *
C***********************************************************************
C
C     INITIALIZE PROGRAM AND SET CONSTANTS
C
C     'DRILL-HOLE' MASTER DATA SET
C     ----------------------------
C
      COMMON /DHMSTR/ DDHIDM, UTMCS(3),TOTALD,SECTION,RFE,IRDIR,
     1                MPLNGE(2),INDDDM,DUTMS(3),GEOLCS(3),
     2                DDHBOX(6),INDSSM
      CHARACTER*8 DDHIDM, SECTION
      CHARACTER*2 RFE
      DOUBLE PRECISION DUTMS, DDHBOX
C
C
C     'LITHOLOGIES' DETAIL DATA SET
C     -----------------------------
C
      COMMON /DLITH/ DDHIDL,TDEPTH,ILITHU,CLITH,DLITH,RECOV,
     1               INDDDL,DD2L(3)
      CHARACTER DDHIDL*8, CLITH*8, DLITH*30
C
C
C     'ORE SAMPLES & ASSAYS' DETAIL DATA SET
C     --------------------------------------

      COMMON /DDHSAM/ DDHIDN,JSAMPL,LITHCD,ASLAB,ASCERT,NASC,
     1                FDPTHA,TDPTHA,SRECOV,ASSAYS(20),
     2                INDDDS,DD1S(3),DD2S(3),UTMS(3)
      CHARACTER DDHIDN*8, ASLAB*10, ASCERT*8, LITHCD*8
      INTEGER*4 JSAMPL
      DOUBLE PRECISION UTMS
C
```

```
      COMMON /DDHSUR/ DDHIDZ,SDEPTH,ZENITH,AZMUTH
C
      COMMON /SURVBLK/ NSURRECS,SURVDATA(3,100)
C
      COMMON /SURVEYX/ XDATA(4,100)
C
      COMMON /PDATAC/ PDATA(30,150),C8DATA(150)

      CHARACTER*72 CHUNIT, CH72
      CHARACTER*5 CH05, LITH
C
      CHARACTER*8 DDHID, DDHIDX, CH08, C8DATA, DDHIDZ, PCMINE
C
      CHARACTER*50 TITLE(3)
      CHARACTER*1 CH01, BELL, APOS
      CHARACTER*72 BUFFER
      CHARACTER*6 SYSTEM, PRGRAM, DDHIDW
      CHARACTER*38 LITH1, LITH2(300)
      DIMENSION XLSORT(300), DPLITH(300), LITPTR(300)
      REAL MN
      INTEGER*4 NCHAIN
C
      PI = 3.1415926
      CHUNIT = "\ "
      CH72 = " "
      APOS = "'"
      BELL = ""
      AZMCOR = -45.0
      PCMINE = "FARODDHS"
C
C***********************************************************************
C
      IZ = 49
      TITLE(1) = "     CREATION OF DIAMOND DRILL HOLE DATA FILE      "
      TITLE(2) = "     FOR INPUT TO PCMINE (GEMCOM)                  "
      TITLE(3) = "     (SPECIAL * FARO * MODEL  -  FEBRUARY 1987)    "
      SYSTEM = "DDHDB "
      PRGRAM = "DH203 "
      DISPLAY "         ********************"
      DISPLAY "         *                  *"
      DISPLAY "         *   PROGRAM DH203  *"
      DISPLAY "         *                  *"
      DISPLAY "         ********************"
      DISPLAY " "
      DISPLAY TITLE(1)
      DISPLAY TITLE(2)
      DISPLAY TITLE(3)
      DISPLAY " "
C
C     OPEN LINE PRINTER FOR OUTPUT AS UNIT FTN09
C
      BUFFER = "FILE FTN09;DEV=LP,8;REC=-132,,F,ASCII;CCTL "
      BUFFER[43:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC.) 10,20,10
10    DISPLAY " UNABLE TO OPEN LINE PRINTER FOR PRINTED OUTPUT"
      DISPLAY " DH203PR RUN TERMINATED ***"
      STOP
      CONTINUE
C
C     PURGE ANY EXISTING PCMINE OUTPUT DATA FILE (FTN10)
C
      BUFFER = "PURGE FARODDHS "
      BUFFER[15:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC) 40,30,40
```

```
30     DISPLAY " *EXISTING 'PCMINE' FILE PURGED* "
C
C      CREATE PCMINE OUTPUT DATA FILE (FTN10)
C
40     BUFFER = "BUILD FARODDHS;DISC=5000,1,1;REC=-72,3,F,ASCII "
       BUFFER[47:1] = %15C
       CALL COMMAND(BUFFER,IERR,IPARM)
       IF (.CC.) 50,60,50
C
50     DISPLAY " UNABLE TO BUILD NEW 'PCMINE' DATA FILE"
       DISPLAY " DH203PR RUN TERMINATED ***"
       STOP
C
60     DISPLAY " *NEW 'PCMINE' DATA FILE BUILT =", PCMINE
       BUFFER = "FILE FTN10=FARODDHS,OLD "
       BUFFER[24:1] = %15C
       CALL COMMAND(BUFFER,IERR,IPARM)
       IF (.CC.) 70,80,70
C
70     DISPLAY " * UNABLE TO ASSIGN NEW 'PCMINE' DATA FILE *"
       DISPLAY " *** DH203PR RUN TERMINATED ***"
       STOP
80     CONTINUE
C
C      PRINT REPORT TITLE PAGE
C
       NTITLE = 3
       CALL LTITLE(SYSTEM,PRGRAM,NTITLE,TITLE)
       INXT = 0
       IUSER = 20
       MODE = 3
       NLPP = 40
       NLINE = 40

C      OPEN 'DDHDB.ANVIL' DATA BASE
C
       BUFFER = "FILE DDHDB=DDHDB.ANVIL.GEOLOGY "
       BUFFER[31:1] = %15C
       CALL COMMAND(BUFFER,IERR,IPARM)
       IF (.CC.) 90,95,90
C
90     DISPLAY "* UNABLE TO ASSIGN 'ANVIL' DDHDB *"
       DISPLAY "*** DH203PR RUN TERMINATED ***"
       STOP
C
95     CALL DH700(IUSER,MODE)
C
C*********************************************************************
C
C      PROCESS A SPECIFIC DIAMOND DRILL HOLE
C      -------------------------------------
C
C      SELECT THE DRILL HOLE
C
100    DISPLAY " "
       DISPLAY " PLEASE ENTER DDH-ID FOR DATA EXTRACTION"
       DISPLAY " ENTER 'END' TO STOP   ", BELL
       ACCEPT CH08
       DDHID = CH08
       IF (DDHID[1:1] .EQ. "*") GOTO 1000
       IF (DDHID[1:3] .EQ. "END") GOTO 1000
       NSUR = 0
       NSURV = 0
       NSAM = 0
       NLITH = 0
       NLREC = 1
```

```
C
C*********************************************************************
C
C     GET DDHID MASTER RECORD FOR COLLAR INFORMATION
C
      DDHIDX = DDHID
      CALL DH710(DDHIDX,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 110
      DISPLAY " "
      DISPLAY " *** ERROR *** DDH=",DDHID," NOT IN 'ANVIL' DATA BASE"
      DISPLAY BELL, BELL, BELL
      GOTO 100
C
110   CONTINUE
C
      DHUTMN = UTMCS(1)
      DHUTME = UTMCS(2)
      DHUTML = UTMCS(3)
      TOTDDH = TOTALD
C
      CALL LPAGE
      WRITE (9,9000) DDHIDM, DHUTMN, TOTDDH, DHUTME, DHUTML
9000  FORMAT(/,4X,"DDH= ",A8,3X,"COLLAR COORDINATES =  ",F10.1,
     1       "MINE-N",5X,"TOTAL-DEPTH = ",F6.1,/,
     2       9X,7(1H*),26X,F10.1," MINE-E",/,42X,F10.1," MINE-EL",/ )
C
C     CALCULATE COLLAR COORDINATES IN PCMINE MODEL COORDINATES
C
      SQ = SQRT(2.0)
      DDHE = 5150.758 + ((1.0/SQ) * (DHUTMN + DHUTME))
      DDHN = 42121.320 + ((1.0/SQ) * (DHUTMN - DHUTME))
C
      WRITE (9,9010) DDHN, DDHE, DHUTML
9010  FORMAT (15X,"TRANSFORMED COORDINATES = ",F10.1," MODEL-N",
     1        /,42X,F10.1," MODEL-E",/,42X,F10.1," MODEL-EL" )
C
C*********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' DOWN-HOLE SURVEYS
C
200   CALL DH716(DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 210
      DISPLAY " *** PROBLEM *** NO SURVEYS FOUND FOR DDH =", DDHID
      WRITE (9, 9020) DDHID
9020  FORMAT (/,5X,"*** PROBLEM *** NO SURVEYS FOUND FOR DDH =",A8)
      GOTO 100
C
210   IXSUR = NCHAIN
      DISPLAY IXSUR,"DOWN-HOLE SURVEYS FOUND FOR DDH =",DDHID
      WRITE (9, 9030) IXSUR,DDHID
9030  FORMAT(/,15X,I4," DOWN-HOLE SURVEYS FOUND FOR DDH = ",A7)
C
220   CALL DH717(IRTRN)
      NSURRECS = NSUR
      IF (IRTRN .NE. 0) GOTO 230
C
      NSUR = NSUR + 1
      SURVDATA(1,NSUR) = SDEPTH
      SURVDATA(2,NSUR) = ZENITH
      SURVDATA(3,NSUR) = AZMUTH
C
      GOTO 220
C
C     SORT DOWN-HOLE SURVEY DATA INTO ORDER
C
230   CALL DH800(SURVDATA,1,NSUR)
```

```
      NSURRECS = NSUR
C
      CALL LPAGE
      WRITE (9,9040)
9040  FORMAT(5X,"DOWN-HOLE SURVEY DATA RETRIEVED FROM DATA BASE",
     1      /,5X,46(1H*),//,5X,"DEPTH",5X,"ZENITH",4X,"AZIMUTH"  )
C
      DO 240 I = 1,NSUR
          WRITE (9,9050) (SURVDATA(J,I), J=1,3)
9050      FORMAT (4X,F6.1,6X,F5.1,5X,F5.1)
240   CONTINUE
C
C     ADJUST AZIMUTH FOR ROTATION TO PCMINE MODEL GRID
C
      WRITE (9,9060) AZMCOR
9060  FORMAT (/,5X,"ROTATED DOWN-HOLE SURVEY DATA",
     1          10X,"ROTATION =",F11.6," DEGREES",/,
     2          5X,29(1H*),//,5X,"DEPTH",5X,"ZENITH",7X,"AZIMUTH")
C
      DO 250 I = 1,NSUR
          AZMUTH = SURVDATA(3,I) + AZMCOR
          IF (AZMUTH .GE. 360.0) AZMUTH = AZMUTH - 360.0
          IF (AZMUTH .LT. 0.0) AZMUTH = AZMUTH + 360.0
          SURVDATA(3,I) = AZMUTH
          WRITE (9, 9070) (SURVDATA(J,I), J=1,3)
9070      FORMAT (4X,F6.1,6X,F5.1,5X,F10.6)
250   CONTINUE
C
C     CALCULATE DDH CUBIC-SPLINE PARAMETERS
C
      CALL DH403(IERROR)
      IF (IERROR .EQ. 0) GOTO 300
      DISPLAY "*** ERROR *** CANNOT COMPUTE SPLINES FOR DDH = ",DDHIDM
      DISPLAY BELL, BELL, BELL
      GOTO 100
C
C**********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' LITHOLOGIES
C
300   CALL DH726 (DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 310
      IXLITH = 1
      LITH2(IXLITH) = "NO LITHOLOGIES                          "
      LITPTR(IXLITH) = 1
      NLREC = 0
      DPLITH(IXLITH) = TOTDDH
      LITPTR(1) = 1
      NLITH = 1
      GOTO 320
310   IXLITH = NCHAIN
320   DISPLAY IXLITH, " LITHOLOGY UNITS FOUND FOR DDH = ", DDHID
      WRITE (9, 9080) IXLITH, DDHID
9080  FORMAT (/4X,I4," LITHOLOGY UNITS FOUND FOR DDH = ", A7)
C
C     RETRIEVE AND STORE THESE UNITS WITH THEIR LITH CODES
C
      IF (NLREC .EQ. 0) GOTO 340
      DO 330 IX=1, IXLITH
          CALL DH727(IRTRN)
          IF (IRTRN .NE. 0) GOTO 330
          NLITH = NLITH + 1
          LITH1 = "                              "
          LITH1[1:8] = CLITH
          LITH1[9:38] = DLITH
          LITH2(NLITH) = LITH1
```

```
          DPLITH(NLITH) = TDEPTH
          LITPTR(NLITH) = NLITH
330   CONTINUE
C
C     SORT LITHOLOGY UNITS INTO ORDER
C
      CALL DH800 (XLSORT, DPLITH, LITPTR,1,NLITH)
      CONTINUE
C
C***********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' ASSAY SAMPLES
C
400   CALL DH741(DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 420
410   FROM1 = 0.0
      TO1 = TOTDDH
      CALL WASTE(NSAM,FROM1,TO1)
      GOTO 500
C
420   IXSN = NCHAIN
      DISPLAY IXSN," SAMPLES FOUND FOR DDH = ",DDHID
      WRITE (9, 9090) IXSN,DDHID
9090  FORMAT (/,4X,I4," SAMPLES FOUND FOR DDH = ",A7)
C
C     STORE THESE SAMPLES WITH THEIR ASSAYS
C
      IF (IXSN .LE. 0) GOTO 410
      TO1 = 0.0
      DO 450 IX=1, IXSN
          CALL DH742(IRTRN)
          IF (IRTRN .NE. 0) GOTO 450

          FDEPTH = FDPTHA
          TDEPTH = TDPTHA
          RECOV = SRECOV
          IF(ABS(FDEPTH - TO1) .LE. 0.01) GOTO 430
          CALL WASTE(NSAM,TO1,FDEPTH)
C
430       NSAM = NSAM + 1
          PDATA(1,NSAM) = FDEPTH
          PDATA(2,NSAM) = TDEPTH
          PDATA(3,NSAM) = RECOV
          PDATA(4,NSAM) = 0.0
C
          CBDATA(NSAM) = LITHCD
          PDATA(5,NSAM) = JSAMPL
          PDATA(6,NSAM) = 0.0
          PDATA(7,NSAM) = 0.0
          PDATA(8,NSAM) = 0.0
          PDATA(9,NSAM) = 0.0
          PDATA(10,NSAM) = 0.0
C
          DO 440 IA=1,20
              IP = IA + 10
              PDATA(IP,NSAM) = ASSAYS(IA)
440       CONTINUE
      TO1 = TDEPTH
      CONTINUE
      IF ((TOTDDH - TO1) .GE. 0.01) CALL WASTE(NSAM,TO1,TOTDDH)
C
C     SORT SAMPLE DATA INTO DOWN-HOLE ORDER
C
      IF (NSAM .LE. 1) GOTO 500
      CALL DH492(PDATA,CBDATA,1,NSAM)
C
```

```
C**********************************************************************
C
C     WORK OUT DOWNHOLE SEGMENT SEQUENCE
C       CREATE FICTITIOUS DOWNHOLE SURVEYS TO CLOSELY
C       PARALLEL THE SMOOTH QUADRATIC SPLINE CALCULATIONS
C
500   CONTINUE
      NSURV = 0
      CALL SURVEY(NSURV, TOTDDH)
C
C**********************************************************************
C
C     GENERATION OF DDH OUTPUT RECORDS
C     --------------------------------
C
C
C     WRITE DDHID AND COLLAR COORDINATES TO OUTPUT FILE
C
      WRITE (10,9100)          delete these 2 spaces
9100  FORMAT ("X*X")
      DDHIDW = DDHID[1:6]
      WRITE (10,9110) APOS, DDHIDW, APOS
9110  FORMAT (A1,A6,A1)
      WRITE (10, 9120) APOS,"[illegible]",APOS       → WRITE(10, 9125) DDHN, DDHE, DHUTML, TOTDDH
9120  FORMAT (A1,"DDH",A1)                          9125 FORMAT (4F15.3)
C
C     WRITE LITHOLOGIC (GEOLOGY) UNITS TO OUTPUT FILE
C
      WRITE (10,9130) NLITH
      TDEPTH = 0.0
9130  FORMAT (I5)
      DO 600 I = 1, NLITH
          FDEPTH = TDEPTH
          TDEPTH = DPLITH(I)
          KPTR = LITPTR(I)
          WRITE (10,9140) FDEPTH,TDEPTH,APOS,LITH2(KPTR),APOS
9140      FORMAT (2(2X,F6.1),5X,"XXX",5X,A1,A38,A1)
600   CONTINUE
C
C     WRITE ASSAY SAMPLES TO OUTPUT FILE
C
      WRITE (10,9130) NSAM
      DO 800 I = 1, NSAM
          FROM = PDATA(1,I)
          TO = PDATA(2,I)
          RECOV = PDATA(3,I)
          JSAMPL = PDATA(5,I)
          CH08 = CBDATA(I)
          PB = -1.0
          ZN = -1.0
          AG = -1.0
          CU = -1.0
          AU = -1.0
          SG = -1.0
          WRSG = -1.0
          PY = -1.0
          PO = -1.0
          TOTFE = -1.0
          BAO = -1.0
          MN = -1.0
          HG = -1.0
          AS = -1.0
          PBZN = -1.0
C
          IF (PDATA(13,I) .LE. 0.0) GOTO 610
```

```
      PB = PDATA (13,I)
C
610   IF (PDATA(14,I) .LE. 0.0) GOTO 620
      ZN = PDATA (14,I)
C
620   IF (PDATA(16,I) .LE. 0.0) GOTO 630
      AG = PDATA (16,I)
      GOTO 640
630   IF (PDATA(15,I) .GT. 0.0) AG = PDATA(15,I)
C
640   IF (PDATA(12,I) .LE. 0.0) GOTO 650
      CU = PDATA(12,I)
C
650   IF (PDATA(17,I) .LE. 0.0) GOTO 660
      AU = PDATA(17,I)
C
660   IF (PDATA(11,I) .LE. 0.0) GOTO 670
      SG = PDATA(11,I)
C
670   IF (PDATA(19,I) .LE. 0.0) GOTO 680
      PY = PDATA(19,I)
C
680   IF (PDATA(18,I) .LE. 0.0) GOTO 690
      PO = PDATA(18,I)
C
690   IF (PDATA(20,I) .LE. 0.0) GOTO 700
      BAO = PDATA(20,I)
C
700   IF (PB .LT. 0.0 .AND. ZN .LT. 0.0) GOTO 730
      IF (PB .GT. 0.0 .AND. ZN .GT. 0.0) GOTO 720
      IF (PB .LT. 0.0) GOTO 710
      PBZN = ZN
      GOTO 730
710   PBZN = PB
      GOTO 730
720   PBZN = PB + ZN
C
730   IF (PDATA(21,I) .LE. 0.0) GOTO 740
      HG = PDATA(21,I)
C
740   IF (PDATA(22,I) .LE. 0.0) GOTO 750
      MN = PDATA(22,I)
C
750   IF (PDATA(23,I) .LE. 0.0) GOTO 760
      AS = PDATA(23,I)
C
760   IF (PO .LT. 0.0 .AND. PY .LT. 0.0) GOTO 790
      IF (PO .GT. 0.0 .AND. PY .GT. 0.0) GOTO 780
      IF (PO .LT. 0.0) GOTO 770
      TOTFE = PY
      GOTO 790
770   TOTFE = PO
      GOTO 790
780   TOTFE = PO + PY
790   CONTINUE
C
      WRITE (10,9150) FROM,TO,RECOV,PB,ZN,AG,AU,CU,SG,WRSG
9150  FORMAT (2F8.1,F6.1,2F6.2,F6.1,2F6.2,2F5.2)
      WRITE (10,9160) PY,PO,TOTFE,BAD,MN,HG,AS,PBZN,CH08,JSAMPLE
9160  FORMAT (5F6.2,F6.3,F6.2,2X,A8,I10)
800   CONTINUE
C
C     WRITE DOWNHOLE SURVEY DATA TO OUTPUT FILE
C
      WRITE (10,9130) NSURV
      DO 810 IX = 1,NSURV
```

```
      WRITE (10,9170) (XDATA(J,IX), J=1,4)
9170        FORMAT (4F8.1)
810   CONTINUE
C
C**********************************************************************
C
C     LOOP BACK FOR NEXT DRILL HOLE
C
      GOTO 100
C
C     CLOSE THE 'DDHDB' DATA BASE
C
1000  CALL DH799
      ENDFILE 10
      REWIND 10
C
      STOP
      END
C
C*****************
C
$CONTROL USLINIT,CROSSREF,LABEL
      SUBROUTINE SURVEY(IXSUR,TOTDDH)
C
C**********************************************************************
C                                                                     *
C             S U B R O U T I N E    S U R V E Y                      *
C             ----------------------------------                      *
C                                                                     *
C**********************************************************************
C                                                                     *
C     THIS SUBROUTINE CALCULATES DOWNHOLE DEVIATIONS EVERY 50 FEET    *
C       USING THE CHORD SEGMENTS FROM THE DDHDB SPLINE DOWNHOLE       *
C       TRAJECTORY CALCULATION.  THESE DOWNHOLE DEVIATIONS ARE        *
C       ENTERED IN PCMINE AS SEQUENTIAL DOWNHOLE SURVEYS              *
C                                                                     *
C**********************************************************************
C
      COMMON /SURVEYX/ XDATA(4,100)
C


      RTOD = 57.29578
      XDATA(1,1) = 0.0
      XDATA(2,1) = 0.0
      XDATA(3,1) = 0.0
      XDATA(4,1) = 0.0
C
C     CALCULATE DOWN-HOLE CHORDS AND DEVIATIONS
C
      IXSUR = 0
      FROM = 0.0
      TO = 0.0
      X2 = 0.0
      Y2 = 0.0
      Z2 = 0.0
C
5     CONTINUE
      TO = TO + 50.0
      IF (TO .GT. TOTDDH) TO = TOTDDH
      IXSUR = IXSUR + 1
      X1 = X2
      Y1 = Y2
      Z1 = Z2
      CALL DH405(TO,Y2,X2,Z2,IERROR)
      IF (IERROR .NE. 0) GOTO 9800
C
```

```
C     CALCULATE ZENITH (DOWNHOLE DEVIATION) ANGLE
C
      CHORD = SQRT((X2-X1)**2 + (Y2-Y1)**2 + (Z2-Z1)**2)
      ZENR = ACOS((Z2-Z1)/CHORD)
      ZENITH = ZENR*RTOD
      ZENITH = ZENITH - 90.0
C
C     CALCULATE AZIMUTH ANGLE RELATIVE TO GRID NORTH
C
      AZIMUTH = 0.0
      IF ((ABS(X2-X1) .LT. 0.1) .AND. (ABS(Y2-Y1) .LT. 0.1)) GOTO 90
C
      AZMR = ATAN2(ABS(X2-X1),ABS(Y2-Y1))
      AZIMUTH = AZMR * RTOD
C
      IF ((X2-X1) .LT. 0.0) GOTO 10
      IF ((Y2-Y1) .LT. 0.0) AZIMUTH = 180.0 - AZIMUTH
      GOTO 90
C
10    IF ((Y2-Y1) .LT. 0.0) GOTO 20
      AZIMUTH = 360.0 - AZIMUTH
      GOTO 90
C
20    AZIMUTH = 180.0 + AZIMUTH
C
90    CONTINUE
C
C     OUTPUT DOWNHOLE SURVEY INFORMATION TO LABELLED COMMON
C
      XDATA(1,IXSUR) = FROM
      XDATA(2,IXSUR) = TO
      XDATA(4,IXSUR) = ZENITH
      XDATA(3,IXSUR) = AZIMUTH

      FROM = TO
      IF (TO .EQ. TOTDDH) GOTO 100
      GOTO 5
C
100   CONTINUE
      RETURN
C
C    ERROR RETURN FOR DOWNHOLE SURVEY CALCULATIONS
C
9800 WRITE (9, 9901) TO
9901 FORMAT (/,5X,"*** FATAL ERROR *** WHILE COMPUTING DOWN-HOLE",
    1       /,5X,"                    COORDINATES AT DISTANCE =",F10.2,
    2       /,5X,"     (OCCURRED IN S/R DH491 )" )
     STOP
     END
C
C*****************
C
$CONTROL USLINIT, CROSSREF, LABEL
      SUBROUTINE WASTE(NSAM,FROM,TO)
C
C*********************************************************************
C                                                                   *
C                  S U B R O U T I N E   W A S T E                  *
C                  --------------------------------                 *
C                                                                   *
C*********************************************************************
C                                                                   *
C     THIS SUBROUTINE CREATES A "DUMMY" ASSAY SAMPLE FOR WASTE      *
C       INTERVALS.                                                  *
C                                                                   *
C*********************************************************************
```

```
C
      COMMON /PDATAC/ PDATA(30,150),CBDATA(150)
C
      NSAM = NSAM + 1
      CBDATA(NSAM) = "WASTE   "
      PDATA(1,NSAM) = FROM
      PDATA(2,NSAM) = TO
      DO 100 IX = 3,30
          PDATA(IX,NSAM) = 0.0
100   CONTINUE
      RETURN
C
C**********************************************************************
```

```
$CONTROL USLINIT, CROSSREF, LABEL
      PROGRAM DH203A
C***********************************************************************
C                                                                      *
C                C U R R A G H   R E S O U R C E S                     *
C                                                                      *
C***********************************************************************
C                                                                      *
C                  P R O G R A M   D H 2 0 3 A                         *
C                  ---------------------------                         *
C                                                                      *
C***********************************************************************
C                                                                      *
C     MAIN PROGRAM IN DIAMOND DRILL HOLE DATA BASE SYSTEM              *
C                                                                      *
C        DESIGNED AND PROGRAMMED BY                                    *
C                         LEE PIGAGE                                   *
C                         CURRAGH RESOURCES - WHITEHORSE               *
C                                                                      *
C        VERSION   1.0                          FEBRUARY 1987          *
C                                                                      *
C***********************************************************************
C                 SPECIAL '* FARO *' VERSION                           *
C***********************************************************************
C                                                                      *
C     PROGRAM DH203A CREATES A DDH DATA FILE ON THE HP3000.            *
C      THIS OUTPUT FILE CONTAINS COLLAR, LITHOLOGY, ASSAY, AND         *
C      DOWNHOLE SURVEY DATA FOR EACH DRILL HOLE IN THE DDHDB.          *
C      THE FORMAT OF THE OUTPUT FILE IS COMPATIBLE (WITH ONLY MINOR    *
C      EDITING) FOR INPUT TO PCMINE.                                   *
C                                                                      *
C***********************************************************************
C
C     INITIALIZE PROGRAM AND SET CONSTANTS
C
C     'DRILL-HOLE' MASTER DATA SET
C     ----------------------------
C
      COMMON /DHMSTR/ DDHIDM, UTMCS(3),TOTALD,SECTION,RFE,IRDIR,
     1                MPLNGE(2),INDDDM,DUTMS(3),GEOLCS(3),
     2                DDHBOX(6),INDSSM
      CHARACTER*8 DDHIDM, SECTION
      CHARACTER*2 RFE
      DOUBLE PRECISION DUTMS, DDHBOX
C
C
C     'LITHOLOGIES' DETAIL DATA SET
C     -----------------------------
C
      COMMON /DLITH/ DDHIDL,TDEPTH,ILITHU,CLITH,DLITH,RECOV,
     1               INDDDL,DD2L(3)
      CHARACTER DDHIDL*8, CLITH*8, DLITH*30
C
C
C     'ORE SAMPLES & ASSAYS' DETAIL DATA SET
      --------------------------------------

      COMMON /DDHSAM/ DDHIDN,JSAMPL,LITHCD,ASLAB,ASCERT,NASC,
     1                FDPTHA,TDPTHA,SRECOV,ASSAYS(20),
     2                INDDDS,DD1S(3),DD2S(3),UTMS(3)
      CHARACTER DDHIDN*8, ASLAB*10, ASCERT*8, LITHCD*8
      INTEGER*4 JSAMPL
      DOUBLE PRECISION UTMS
C
```

```
      COMMON /DDHSUR/ DDHIDZ,SDEPTH,ZENITH,AZMUTH
C
      COMMON /SURVBLK/ NSURRECS,SURVDATA(3,100)
C
      COMMON /SURVEYX/ XDATA(4,100)
C
      COMMON /PDATAC/ PDATA(30,150),CBDATA(150)

      CHARACTER*72 CHUNIT, CH72
      CHARACTER*5 CH05, LITH
C
      CHARACTER*8 DDHID, DDHIDX, CH08, CBDATA, DDHIDZ, PCMINE
C
      CHARACTER*50 TITLE(3)
      CHARACTER*1 CH01, BELL, APOS
      CHARACTER*72 BUFFER
      CHARACTER*6 SYSTEM, PRGRAM, DDHIDW
      CHARACTER*38 LITH1, LITH2(300)
      DIMENSION XLSORT(300), DPLITH(300), LITPTR(300)
      REAL MN
      INTEGER*4 NCHAIN
C
      PI = 3.1415926
      CHUNIT = "  "
      CH72 = " "
      APOS = "'"
      BELL = ""
      AZMCOR = -45.0
      PCMINE = "FARODDHS"
C
C*********************************************************************
C
      IZ = 49
      TITLE(1) = "     CREATION OF DIAMOND DRILL HOLE DATA FILE      "
      TITLE(2) = "     FOR INPUT TO PCMINE (GEMCOM)                  "
      TITLE(3) = "     (SPECIAL * FARO * MODEL  -  FEBRUARY 1987)    "
      SYSTEM = "DDHDB "
      PRGRAM = "DH203A"
      DISPLAY "          *********************"
      DISPLAY "          *                   *"
      DISPLAY "          *   PROGRAM DH203A  *"
      DISPLAY "          *                   *"
      DISPLAY "          *********************"
      DISPLAY " "
      DISPLAY TITLE(1)
      DISPLAY TITLE(2)
      DISPLAY TITLE(3)
      DISPLAY " "
C
C     OPEN LINE PRINTER FOR OUTPUT AS UNIT FTN09
C
      BUFFER = "FILE FTN09;DEV=LP,8;REC=-132,,F,ASCII;CCTL "
      BUFFER[43:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC.) 10,20,10
10    DISPLAY " UNABLE TO OPEN LINE PRINTER FOR PRINTED OUTPUT"
      DISPLAY " DH203PR RUN TERMINATED ***"
      STOP
      CONTINUE
C
C     PURGE ANY EXISTING PCMINE OUTPUT DATA FILE (FTN10)
C
      BUFFER = "PURGE FARODDHS "
      BUFFER[15:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC) 40,30,40
```

```
30    DISPLAY " *EXISTING 'PCMINE' FILE PURGED* "
C
C     CREATE PCMINE OUTPUT DATA FILE (FTN10)
C
40    BUFFER = "BUILD FARODDHS;DISC=50000,1,1;REC=-72,3,F,ASCII "
      BUFFER[48:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC.) 50,60,50
C
50    DISPLAY " UNABLE TO BUILD NEW 'PCMINE' DATA FILE"
      DISPLAY " DH203PR RUN TERMINATED ***"
      STOP
C
60    DISPLAY " *NEW 'PCMINE' DATA FILE BUILT =", PCMINE
      BUFFER = "FILE FTN10=FARODDHS,OLD "
      BUFFER[24:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC.) 70,80,70
C
70    DISPLAY " * UNABLE TO ASSIGN NEW 'PCMINE' DATA FILE *"
      DISPLAY " *** DH203PR RUN TERMINATED ***"
      STOP
80    CONTINUE
C
C     PRINT REPORT TITLE PAGE
C
      NTITLE = 3
      CALL LTITLE(SYSTEM,PRGRAM,NTITLE,TITLE)
      INXT = 0
      IUSER = 20
      MODE = 3
      NLPP = 40
      NLINE = 40
C
C     OPEN 'DDHDB.ANVIL' DATA BASE
C
      BUFFER = "FILE DDHDB=DDHDB.ANVIL.GEOLOGY "
      BUFFER[31:1] = %15C
      CALL COMMAND(BUFFER,IERR,IPARM)
      IF (.CC.) 90,95,90
C
90    DISPLAY "* UNABLE TO ASSIGN 'ANVIL' DDHDB *"
      DISPLAY "*** DH203PR RUN TERMINATED ***"
      STOP
C
95    CALL DH700(IUSER,MODE)
C
C*********************************************************************
C
C     PROCESS A SPECIFIC DIAMOND DRILL HOLE
C     -------------------------------------
C
C     SELECT THE DRILL HOLE
C
100   CONTINUE
      NSUR = 0
      NSURV = 0
      NSAM = 0
      NLITH = 0
      NLREC = 1
C
C*********************************************************************
C
C     GET DDHID MASTER RECORD FOR COLLAR INFORMATION
C
      CALL DH711(DDHIDX,IRTRN)
```

```
      IF (IRTRN .EQ. 0) GOTO 110
      GOTO 1000
C
110   CONTINUE
C
      DDHID = DDHIDX
      DISPLAY " "
      DISPLAY " DDHID FOR DATA EXTRACTION", DDHIDX
      DHUTMN = UTMCS(1)
      DHUTME = UTMCS(2)
      DHUTML = UTMCS(3)
      TOTDDH = TOTALD
C
      CALL LPAGE
      WRITE (9,9000) DDHIDM, DHUTMN, TOTDDH, DHUTME, DHUTML
9000  FORMAT(/,4X,"DDH= ",A8,3X,"COLLAR COORDINATES =  ",F10.1,
     1       "MINE-N",5X,"TOTAL-DEPTH = ",F6.1,/,
     2       9X,7(1H*),26X,F10.1," MINE-E",/,42X,F10.1," MINE-EL",/ )
C
C     CALCULATE COLLAR COORDINATES IN PCMINE MODEL COORDINATES
C
      SQ = SQRT(2.0)
      DDHE = 5150.758 + ((1.0/SQ) * (DHUTMN + DHUTME))
      DDHN = 42121.320 + ((1.0/SQ) * (DHUTMN - DHUTME))
C
      WRITE (9,9010) DDHN, DDHE, DHUTML
9010  FORMAT (15X,"TRANSFORMED COORDINATES = ",F10.1," MODEL-N",
     1        /,42X,F10.1," MODEL-E",/,42X,F10.1," MODEL-EL" )
C
C*********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' DOWN-HOLE SURVEYS
C
      CALL DH716(DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 210
      DISPLAY " *** PROBLEM *** NO SURVEYS FOUND FOR DDH =", DDHID
      WRITE (9, 9020) DDHID
9020  FORMAT (/,5X,"*** PROBLEM *** NO SURVEYS FOUND FOR DDH =",A8)
      GOTO 100
C
210   IXSUR = NCHAIN
      DISPLAY IXSUR,"DOWN-HOLE SURVEYS FOUND FOR DDH =",DDHID
      WRITE (9, 9030) IXSUR,DDHID
9030  FORMAT(/,15X,I4," DOWN-HOLE SURVEYS FOUND FOR DDH = ",A7)
C
220   CALL DH717(IRTRN)
      NSURRECS = NSUR
      IF (IRTRN .NE. 0) GOTO 230
C
      NSUR = NSUR + 1
      SURVDATA(1,NSUR) = SDEPTH
      SURVDATA(2,NSUR) = ZENITH
      SURVDATA(3,NSUR) = AZMUTH
C
      GOTO 220
C
C     SORT DOWN-HOLE SURVEY DATA INTO ORDER
C
      CALL DH800(SURVDATA,1,NSUR)
      NSURRECS = NSUR
C
      CALL LPAGE
      WRITE (9,9040)
9040  FORMAT(5X,"DOWN-HOLE SURVEY DATA RETRIEVED FROM DATA BASE",
     1     /,5X,46(1H*),//,5X,"DEPTH",5X,"ZENITH",4X,"AZIMUTH"  )
C
```

```
      DO 240 I = 1,NSUR
           WRITE (9,9050) (SURVDATA(J,I), J=1,3)
9050       FORMAT (4X,F6.1,6X,F5.1,5X,F5.1)
240   CONTINUE
C
C     ADJUST AZIMUTH FOR ROTATION TO PCMINE MODEL GRID
C
      WRITE (9,9060) AZMCOR
9060  FORMAT (/,5X,"ROTATED DOWN-HOLE SURVEY DATA",
     1          10X,"ROTATION =",F11.6," DEGREES",/,
     2          5X,29(1H*),//,5X,"DEPTH",5X,"ZENITH",7X,"AZIMUTH")
C
      DO 250 I = 1,NSUR
           AZMUTH = SURVDATA(3,I) + AZMCOR
           IF (AZMUTH .GE. 360.0) AZMUTH = AZMUTH - 360.0
           IF (AZMUTH .LT. 0.0) AZMUTH = AZMUTH + 360.0
           SURVDATA(3,I) = AZMUTH
           WRITE (9, 9070) (SURVDATA(J,I), J=1,3)
9070       FORMAT (4X,F6.1,6X,F5.1,5X,F10.6)
250   CONTINUE
C
C     CALCULATE DDH CUBIC-SPLINE PARAMETERS
C
      CALL DH403(IERROR)
      IF (IERROR .EQ. 0) GOTO 300
      DISPLAY "*** ERROR *** CANNOT COMPUTE SPLINES FOR DDH = ",DDHIDM
      DISPLAY BELL, BELL, BELL
      GOTO 100
C
C**********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' LITHOLOGIES
C
300   CALL DH726 (DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 310
      IXLITH = 1
      LITH2(IXLITH) = "NO LITHOLOGIES                          "
      LITPTR(IXLITH) = 1
      NLREC = 0
      DPLITH(IXLITH) = TOTDDH
      LITPTR(1) = 1
      NLITH = 1
      GOTO 320
310   IXLITH = NCHAIN
320   DISPLAY IXLITH, " LITHOLOGY UNITS FOUND FOR DDH = ", DDHID
      WRITE (9, 9080) IXLITH, DDHID
9080  FORMAT (/4X,I4," LITHOLOGY UNITS FOUND FOR DDH = ", A7)
C
C     RETRIEVE AND STORE THESE UNITS WITH THEIR LITH CODES
C
      IF (NLREC .EQ. 0) GOTO 340
      DO 330 IX=1, IXLITH
           CALL DH727(IRTRN)
           IF (IRTRN .NE. 0) GOTO 330
           NLITH = NLITH + 1
           LITH1 = "                              "
           LITH1[1:8] = CLITH
           LITH1[9:38] = DLITH
           LITH2(NLITH) = LITH1
           DPLITH(NLITH) = TDEPTH
           LITPTR(NLITH) = NLITH
330   CONTINUE
C
C     SORT LITHOLOGY UNITS INTO ORDER
C
      CALL DH800 (XLSORT, DPLITH, LITPTR,1,NLITH)
```

```
340   CONTINUE
C
C*********************************************************************
C
C     SEARCH RECORD CHAIN FOR 'DDHID' ASSAY SAMPLES
C
400   CALL DH741(DDHID,NCHAIN,IRTRN)
      IF (IRTRN .EQ. 0) GOTO 420
410   FROM1 = 0.0
      TO1 = TOTDDH
      CALL WASTE(NSAM,FROM1,TO1)
      GOTO 500
C
420   IXSN = NCHAIN
      DISPLAY IXSN," SAMPLES FOUND FOR DDH = ",DDHID
      WRITE (9, 9090) IXSN,DDHID
9090  FORMAT (/,4X,I4," SAMPLES FOUND FOR DDH = ",A7)
C
C     STORE THESE SAMPLES WITH THEIR ASSAYS
C
      IF (IXSN .LE. 0) GOTO 410
      TO1 = 0.0
      DO 450 IX=1, IXSN
          CALL DH742(IRTRN)
          IF (IRTRN .NE. 0) GOTO 450
C
          FDEPTH = FDPTHA
          TDEPTH = TDPTHA
          RECOV = SRECOV
          IF(ABS(FDEPTH - TO1) .LE. 0.01) GOTO 430
          CALL WASTE(NSAM,TO1,FDEPTH)
C
430       NSAM = NSAM + 1
          PDATA(1,NSAM) = FDEPTH
          PDATA(2,NSAM) = TDEPTH
          PDATA(3,NSAM) = RECOV
          PDATA(4,NSAM) = 0.0
C
          CBDATA(NSAM) = LITHCD
          PDATA(5,NSAM) = JSAMPL
          PDATA(6,NSAM) = 0.0
          PDATA(7,NSAM) = 0.0
          PDATA(8,NSAM) = 0.0
          PDATA(9,NSAM) = 0.0
          PDATA(10,NSAM) = 0.0
C
          DO 440 IA=1,20
              IP = IA + 10
              PDATA(IP,NSAM) = ASSAYS(IA)
440       CONTINUE
      TO1 = TDEPTH
450   CONTINUE
      IF ((TOTDDH - TO1) .GE. 0.01) CALL WASTE(NSAM,TO1,TOTDDH)
C
C     SORT SAMPLE DATA INTO DOWN-HOLE ORDER
C
      IF (NSAM .LE. 1) GOTO 500
      CALL DH492(PDATA,CBDATA,1,NSAM)
C
C*********************************************************************
C
C     WORK OUT DOWNHOLE SEGMENT SEQUENCE
C       CREATE FICTITIOUS DOWNHOLE SURVEYS TO CLOSELY
C       PARALLEL THE SMOOTH QUADRATIC SPLINE CALCULATIONS
C
500   CONTINUE
```

```
      NSURV = 0
      CALL SURVEY(NSURV, TOTDDH)
C
C*********************************************************************
C
C     GENERATION OF DDH OUTPUT RECORDS
C     --------------------------------
C
C     WRITE DDHID AND COLLAR COORDINATES TO OUTPUT FILE
C

      WRITE (10,9100)
9100  FORMAT(" * ")   — delete these 2 spaces
      DDHIDW = DDHID[1:6]
      WRITE (10,9110) APOS, DDHIDW, APOS
9110  FORMAT (A1,A6,A1)
      WRITE (10, 9120) APOS,"DDH",APOS
9120  FORMAT (A1,"DDH",A1)
C
C     WRITE LITHOLOGIC (GEOLOGY) UNITS TO OUTPUT FILE
C
      WRITE (10,9130) NLITH
      TDEPTH = 0.0
9130  FORMAT (I5)
      DO 600 I = 1, NLITH
          FDEPTH = TDEPTH
          TDEPTH = DPLITH(I)
          KPTR = LITPTR(I)
          WRITE (10,9140) FDEPTH,TDEPTH,APOS,LITH2(KPTR),APOS
9140      FORMAT (2(2X,F6.1),5X,"XXX",5X,A1,A38,A1)
600   CONTINUE

      WRITE ASSAY SAMPLES TO OUTPUT FILE
C
      WRITE (10,9130) NSAM
      DO 800 I = 1, NSAM
          FROM = PDATA(1,I)
          TO = PDATA(2,I)
          RECOV = PDATA(3,I)
          JSAMPL = PDATA(5,I)
          CH08 = C8DATA(I)
          PB = -1.0
          ZN = -1.0
          AG = -1.0
          CU = -1.0
          AU = -1.0
          SG = -1.0
          WRSG = -1.0
          PY = -1.0
          PO = -1.0
          TOTFE = -1.0
          BAO = -1.0
          MN = -1.0
          HG = -1.0
          AS = -1.0
          PBZN = -1.0

          IF (PDATA(13,I) .LE. 0.0) GOTO 610
          PB = PDATA (13,I)
C
610       IF (PDATA(14,I) .LE. 0.0) GOTO 620
          ZN = PDATA (14,I)
C
620       IF (PDATA(16,I) .LE. 0.0) GOTO 630
          AG = PDATA (16,I)
```

```
          GOTO 640
630       IF (PDATA(15,I) .GT. 0.0) AG = PDATA(15,I)
C
640       IF (PDATA(12,I) .LE. 0.0) GOTO 650
          CU = PDATA(12,I)
C
650       IF (PDATA(17,I) .LE. 0.0) GOTO 660
          AU = PDATA(17,I)
C
660       IF (PDATA(11,I) .LE. 0.0) GOTO 670
          SG = PDATA(11,I)
C
670       IF (PDATA(19,I) .LE. 0.0) GOTO 680
          PY = PDATA(19,I)
C
680       IF (PDATA(18,I) .LE. 0.0) GOTO 690
          PO = PDATA(18,I)
C
690       IF (PDATA(20,I) .LE. 0.0) GOTO 700
          BAO = PDATA(20,I)
C
700       IF (PB .LT. 0.0 .AND. ZN .LT. 0.0) GOTO 730
          IF (PB .GT. 0.0 .AND. ZN .GT. 0.0) GOTO 720
          IF (PB .LT. 0.0) GOTO 710
          PBZN = ZN
          GOTO 730
710       PBZN = PB
          GOTO 730
720       PBZN = PB + ZN
C
730       IF (PDATA(21,I) .LE. 0.0) GOTO 740
          HG = PDATA(21,I)

740       IF (PDATA(22,I) .LE. 0.0) GOTO 750
          MN = PDATA(22,I)
C
750       IF (PDATA(23,I) .LE. 0.0) GOTO 760
          AS = PDATA(23,I)
C
760       IF (PO .LT. 0.0 .AND. PY .LT. 0.0) GOTO 790
          IF (PO .GT. 0.0 .AND. PY .GT. 0.0) GOTO 780
          IF (PO .LT. 0.0) GOTO 770
          TOTFE = PY
          GOTO 790
770       TOTFE = PO
          GOTO 790
780       TOTFE = PO + PY
790       CONTINUE
C
          WRITE (10,9150) FROM,TO,RECOV,PB,ZN,AG,AU,CU,SG,WRSG
9150      FORMAT (2F8.1,F6.1,2F6.2,F6.1,2F6.2,2F5.2)
          WRITE (10,9160) PY,PO,TOTFE,BAO,MN,HG,AS,PBZN,CHO8,JSAMPLE
9160      FORMAT (5F6.2,F6.3,F6.2,2X,A8,I10)
800   CONTINUE
C
C     WRITE DOWNHOLE SURVEY DATA TO OUTPUT FILE
C
      WRITE (10,9130) NSURV
      DO 810 IX = 1,NSURV
          WRITE (10,9170) (XDATA(J,IX), J=1,4)
9170      FORMAT (4F8.1)
810   CONTINUE
C
C*********************************************************************
C
C     LOOP BACK FOR NEXT DRILL HOLE
```

```
C
      GOTO 100
C
C     CLOSE THE 'DDHDB' DATA BASE
C
1000  CALL DH799
      ENDFILE 10
      REWIND 10
C
      STOP
      END
C
C*****************
C
$CONTROL USLINIT,CROSSREF,LABEL
      SUBROUTINE SURVEY(IXSUR,TOTDDH)
C
C*********************************************************************
C                                                                    *
C            S U B R O U T I N E   S U R V E Y                       *
C            ----------------------------------                      *
C                                                                    *
C*********************************************************************
C                                                                    *
C     THIS SUBROUTINE CALCULATES DOWNHOLE DEVIATIONS EVERY 50 FEET   *
C       USING THE CHORD SEGMENTS FROM THE DDHDB SPLINE DOWNHOLE      *
C       TRAJECTORY CALCULATION.  THESE DOWNHOLE DEVIATIONS ARE       *
C       ENTERED IN PCMINE AS SEQUENTIAL DOWNHOLE SURVEYS             *
C                                                                    *
C*********************************************************************
C
      COMMON /SURVEYX/ XDATA(4,100)


      RTOD = 57.29578
      XDATA(1,1) = 0.0
      XDATA(2,1) = 0.0
      XDATA(3,1) = 0.0
      XDATA(4,1) = 0.0
C
C     CALCULATE DOWN-HOLE CHORDS AND DEVIATIONS
C
      IXSUR = 0
      FROM = 0.0
      TO = 0.0
      X2 = 0.0
      Y2 = 0.0
      Z2 = 0.0
C
5     CONTINUE
      TO = TO + 50.0
      IF (TO .GT. TOTDDH) TO = TOTDDH
      IXSUR = IXSUR + 1
      X1 = X2
      Y1 = Y2
      Z1 = Z2
      CALL DH405(TO,Y2,X2,Z2,IERROR)
      IF (IERROR .NE. 0) GOTO 9800

C     CALCULATE ZENITH (DOWNHOLE DEVIATION) ANGLE
C
      CHORD = SQRT((X2-X1)**2 + (Y2-Y1)**2 + (Z2-Z1)**2)
      ZENR = ACOS((Z2-Z1)/CHORD)
      ZENITH = ZENR*RTOD
      ZENITH = ZENITH - 90.0
C
```

```
C     CALCULATE AZIMUTH ANGLE RELATIVE TO GRID NORTH
C
      AZIMUTH = 0.0
      IF ((ABS(X2-X1) .LT. 0.1) .AND. (ABS(Y2-Y1) .LT. 0.1)) GOTO 90
C
      AZMR = ATAN2(ABS(X2-X1),ABS(Y2-Y1))
      AZIMUTH = AZMR * RTOD

      IF ((X2-X1) .LT. 0.0) GOTO 10
      IF ((Y2-Y1) .LT. 0.0) AZIMUTH = 180.0 - AZIMUTH
      GOTO 90
C
10    IF ((Y2-Y1) .LT. 0.0) GOTO 20
      AZIMUTH = 360.0 - AZIMUTH
      GOTO 90
C
20    AZIMUTH = 180.0 + AZIMUTH
C
90    CONTINUE
C
C     OUTPUT DOWNHOLE SURVEY INFORMATION TO LABELLED COMMON
C
      XDATA(1,IXSUR) = FROM
      XDATA(2,IXSUR) = TO
      XDATA(4,IXSUR) = ZENITH
      XDATA(3,IXSUR) = AZIMUTH
C
      FROM = TO
      IF (TO .EQ. TOTDDH) GOTO 100
      GOTO 5
C
100   CONTINUE
      RETURN

C    ERROR RETURN FOR DOWNHOLE SURVEY CALCULATIONS
C
9800 WRITE (9, 9901) TO
9901 FORMAT (/,5X,"*** FATAL ERROR *** WHILE COMPUTING DOWN-HOLE",
   1        /,5X,"                        COORDINATES AT DISTANCE =",F10.2,
   2        /,5X,"      (OCCURRED IN S/R DH491 )" )
     STOP
     END
C
C****************
C
$CONTROL USLINIT, CROSSREF, LABEL
      SUBROUTINE WASTE(NSAM,FROM,TO)
C
C**********************************************************************
C                                                                     *
C                 S U B R O U T I N E    W A S T E                    *
C                 --------------------------------                    *
C                                                                     *
C**********************************************************************
C                                                                     *
C     THIS SUBROUTINE CREATES A "DUMMY" ASSAY SAMPLE FOR WASTE        *
C       INTERVALS.                                                    *
                                                                      *
 *********************************************************************
C
      COMMON /PDATAC/ PDATA(30,150),C8DATA(150)
C
      NSAM = NSAM + 1
      C8DATA(NSAM) = "WASTE   "
      PDATA(1,NSAM) = FROM
      PDATA(2,NSAM) = TO
```

```
      DO 100 IX = 3,30
         PDATA(IX,NSAM) = 0.0
100   CONTINUE
      RETURN
C
C***********************************************************************
```

```
$NOFLOATCALLS
$DEBUG
      PROGRAM DDHIMPRT
C
C*************************************************************************
C                                                                        *
C                    C U R R A G H   R E S O U R C E S                   *
C                                                                        *
C*************************************************************************
C                                                                        *
C                     P R O G R A M   D D H I M P R T                    *
C                                                                        *
C*************************************************************************
C                                                                        *
C        Designed and programmed by                                      *
C                                                                        *
C             Lee C. Pigage                                              *
C             Curragh Resources                                          *
C             Whitehorse, YT                                             *
C                                                                        *
C        Version 1.0                               February 1987         *
C                                                                        *
C*************************************************************************
C
C      DDHIMPRT reads the drill hole database file written from the DDHDB
C       (Diamond Drill Hole DataBase).  Up to 5 elements are selected for
C       transfer of assays to an ASCII file written by this program.
C       The output ASCII file is in a format fully compatible with
C       importing the boreholes into the Faro F8701 Model using Module
C       8 (see description of Module 8 in PCMINE software documentation).
C
C     Each drill hole in the DDHDB input ASCII file has the following
C       sequence of records:
C
C         LINE         VARIABLE                                 FORMAT
C          1            Drill hole name                          'A6'
C          2            Drill hole type                          'A3'
C          3            Collar Northing                          F15.3
C          3            Collar Easting                           F15.3
C          3            Collar Elevation                         F15.3
C          3            Total drill hole length                  F15.3
C          4            Number of lithology units                I5
C          5            Lithology From                           2X,F6.1
C          5            Lithology To                             2X,F6.1
C          5            Lithology Rock Code                      5X,'A38'
C                (line 5 is repeated for the number of lithology units)
C          6            Number of assays                         I5
C          7            Assay From                               F8.1
C          7            Assay To                                 F8.1
C          7            Assay recovery                           F6.1
C          7            Pb                                       F6.2
C          7            Zn                                       F6.2
C          7            Ag                                       F6.1
C          7            Au                                       F6.2
C          7            Cu                                       F6.2
C          7            SG                                       F6.2
```

```
C        7          WRSG                               F6.2
C        8          Py                                 F6.2
C        8          Po                                 F6.2
C        8          TotFe                              F6.2
C        8          BaO                                F6.2
C        8          Mn                                 F6.2
C        8          Hg                                 F7.3
C        8          As                                 F6.2
C        8          Pb+Zn                              F6.2
C        8          Rock Type                          2X,A8
C        8          Assay sample number                I10
C               (lines 7 and 8 are repeated for the number of assays)
C        9          Number of downhole surveys         I5
C       10          Survey From                        F8.1
C       10          Survey To                          F8.1
C       10          Survey azimuth                     F8.1
C       10          Survey zenith (dip)                F8.1
C               (line 10 is repeated for the number of surveys)
C
C
C     Each drill hole in the output ASCII file has the following
C       sequence of records:
C
C       LINE        VARIABLE                           FORMAT
C        1          Drill hole name                    'A6'
C        2          Drill hole type                    'A3'
C        3          Collar Northing                    F15.3
C        3          Collar Easting                     F15.3
C        3          Collar Elevation                   F15.3
C        3          Total drill hole length            F15.3
C        4          Number of assays                   I5
C        5          Assay From                         F8.1
C        5          Assay To                           F8.1
C        5          Assay element #1                   F10.3
C        5          Assay element #2                   F10.3
C        5          Assay element #3                   F10.3
C        5          Assay element #4                   F10.3
C        5          Assay element #5                   F10.3
C               (line 5 is repeated for the number of assays)
C        6          Number of downhole surveys         I5
C        7          Survey From                        F8.1
C        7          Survey To                          F8.1
C        7          Survey azimuth                     F8.1
C        7          Survey zenith (dip)                F8.1
C               (line 7 is repeated for the number of surveys)
C
C
C***********************************************************************
C***********************************************************************
C
C     Set Dimensions and Initialize Program Constants and Counters
C
      CHARACTER*64 FINAME, FONAME
      CHARACTER*1 E,IYES,ACOPY
      CHARACTER*5 ELEMENT(15),DDHTYPE
      CHARACTER*8 DDHID, RKTYPE
```

```
      CHARACTER*40 DESC
      DIMENSION ASSAY(15),PASSAY(5),ISELECT(5),XMAXVAL(5)
      NASSAY = 0
      NDDH = 0
      NDDHU = 0
      IWINDOW = 0
      ICLIP = 0
      E = CHAR(27)
      DATA ELEMENT / 'Pb   ','Zn   ','Ag   ','Au   ','Cu   ','SG   ',
     1               'WRSG ','Py   ','Po   ','TotFe','BaO  ','Mn   ',
     2               'Hg   ','As   ','Pb+Zn' /
C
C     Initialize display screen
C
      CALL DISPLAY
C
C***********************************************************************
C     Enter names of input and output files from console
C
      WRITE(*,900)
900   FORMAT (' Enter name of DDH file containing drill holes: '\)
      READ (*,905) FINAME
905   FORMAT (A64)
      WRITE (*,910)
910   FORMAT ('  Enter name of output extraction file: '\)
      READ (*,905) FONAME
C
C     Open the indicated files for I/O operations
C       7 = Input file
C       8 = Output file
C
      OPEN (7,FILE=FINAME, ACCESS='SEQUENTIAL', STATUS='OLD')
      OPEN (8,FILE=FONAME, ACCESS='SEQUENTIAL', STATUS='NEW')
      WRITE (8,915) FINAME
915   FORMAT ('* Drill Hole File created from file = ', A64)
C
C     Set up window (PCMINE Model Coordinates) for rejecting drillholes
C       outside the rectangle of interest
C
      WRITE (*,920)
920   FORMAT ('0Exclude drill holes outside a rectangle of interest ',
     1  '(Y/N) ? '\)
      READ (*,925) IYES
925   FORMAT (A1)
C
      IF (IYES .EQ. 'Y' .OR. IYES .EQ. 'y') THEN
      IWINDOW = 1
      WRITE (*,930)
930   FORMAT ('0Enter minimum and maximum model coordinates for ',
     1   'rectangle of interest')
      WRITE (*,935)
935   FORMAT ('0       Minimum Easting : '\)
      READ (*,940) XMINE
940   FORMAT (F20.0)
      WRITE (*,945)
945   FORMAT ('        Maximum Easting : '\)
```

```
      READ (*,940) XMAXE
      WRITE (*,950)
950   FORMAT ('0      Minimum Northing : '\)
      READ (*,940) XMINN
      WRITE (*,955)
955   FORMAT ('       Maximum Northing : '\)
      READ (*,940) XMAXN
      WRITE (8,960)
960   FORMAT ('* Drill holes selected from area bounded by: ')
      WRITE (8,965) XMINE, XMAXE
965   FORMAT('* Minimum Easting = ',F10.2,'  Maximum Easting = ',F10.2)
      WRITE (8,970) XMINN, XMAXN
970   FORMAT('* Minimum Northing = ',F10.2,' Maximum Northing = ',F10.2)
      ENDIF
      IF (IWINDOW .EQ. 0) WRITE (8,975)
975   FORMAT ('* No rectangle area of interest specified')
C
C**************************************************************************
C     Select up to 5 elements for which assays are to be transferred
C      from the input file to the output file
C
      CALL DISPLAY
C
      WRITE (*,980)
980   FORMAT (' Select up to 5 elements to be transferred to the',
     1     ' output data file.')
      WRITE (*,985)
985   FORMAT ('       Indicate the order of the elements chosen by',
     1  ' using numerals 1-5.')
      WRITE (*,990)
990   FORMAT ('       (1 = first element in output sequence)')
C
      DO 100 IX = 1,15
           WRITE (*,995) ELEMENT(IX)
995         FORMAT ('        ',A5,' = ')
100   CONTINUE
      DO 110 IX = 1,15
           IY = IX + 7
           IF (IY .GE. 10) THEN
           WRITE (*,1000) E, IY
           ELSE
           WRITE (*,1002) E, IY
1002       FORMAT (' ',A1,'[',I1,';19H'\)
1000       FORMAT (' ',A1,'[',I2,';19H'\)
           ENDIF
           READ (*,1005) ICHOOSE
1005       FORMAT (I10)
           IF (ICHOOSE .LE. 0) GOTO 110
           NASSAY = NASSAY + 1
           ISELECT(ICHOOSE) = IX
           IF (NASSAY .GE. 5) GOTO 120
110   CONTINUE
120   CONTINUE
      WRITE (*,1010) E
1010  FORMAT (' ',A1,'[10;25H'\)
      WRITE (*,1015) NASSAY, (ELEMENT(ISELECT(I)),I=1,NASSAY)
```

```
 1015 FORMAT (' The following ',I2,' elements have been selected'
     1        ; / ,25X,5A8)
      WRITE (8,1020) (ELEMENT(ISELECT(I)),I=1,NASSAY)
 1020 FORMAT ('* Elements in this file = ', 5A8)
      WRITE (*,1022) E
 1022 FORMAT (' ',A1,'[23;5H'\)
      PAUSE
C
C*************************************************************************
C     Set up clipping routine to establish a maximum allowed assay
C       value for each of the selected elements
C
      CALL DISPLAY
      WRITE (*,1025)
 1025 FORMAT (' Clip the assays to maximum permitted values (Y/N) ? '\)
      READ (*,925) IYES
C
      IF (IYES .EQ. 'Y' .OR. IYES .EQ. 'y') THEN
      ICLIP = 1
      DO 130 I = 1,NASSAY
          WRITE (*,1030) ELEMENT(ISELECT(I))
 1030     FORMAT (' Maximum permitted value for ', A5, ' : '\)
          READ (*,940) XMAXVAL(I)
  130 CONTINUE
      WRITE (8,1035)
 1035 FORMAT ('* Assays in this file clipped to maximum values')
      WRITE (8,1040) (XMAXVAL(I),I=1,NASSAY)
 1040 FORMAT ('*', 5F10.3)
      ENDIF
C
      IF (ICLIP .EQ. 0) WRITE (8,1045)
 1045 FORMAT ('* No clipping of assays')
C
C*************************************************************************
C     Start transferring the DDH data to the output file
C
C     Erase screen and rewrite display for data transfer
C
      CALL DISPLAY
C
  200 CONTINUE
      READ (7,925,END=800) ACOPY
      IF (ACOPY .NE. '*') GOTO 200
C
C     Read DDHID = Drill Hole Name
C
      NDDH = NDDH + 1
      READ (7,1050) DDHID
 1050 FORMAT (A8)
      WRITE (*,1055) E, DDHID
 1055 FORMAT (' ',A1,'[5;5HProcessing Drill Hole = ',A8)
C
C     Read drill hole type
C
      READ (7,1060) DDHTYPE
 1060 FORMAT (A5)
```

```
D Line# 1     7                              Microsoft FORTRAN77 V3.31 August 1985
        C
        C     Read Northing, Easting, Elevation, Total Depth
        C
              READ (7,1065) XNORTH,XEAST,XELEV,TOTDDH
         1065 FORMAT (4F15.3)
              IF (IWINDOW .EQ. 0) GOTO 210
              IF (XNORTH .LT. XMINN .OR. XNORTH .GT. XMAXN) GOTO 700
              IF (XEAST .LT. XMINE .OR. XEAST .GT. XMAXE) GOTO 700
          210 CONTINUE
              WRITE (8,925) ACOPY
              WRITE (8,1050) DDHID
              WRITE (8,1060) DDHTYPE
              NDDHU = NDDHU + 1
              WRITE (*,1070) NDDH, NDDHU
         1070 FORMAT ('      DDH PROCESSED = ',I10,'  DDH WRITTEN = ',I10)
              WRITE (8,1065) XNORTH,XEAST,XELEV,TOTDDH
        C
        C     Read Number of Lithology Units
        C
              READ (7,1075) NLITH
         1075 FORMAT (I5)
        C
        C     Read Lithology Units
        C
              DO 220 IX = 1,NLITH
1                 READ (7,1080) FROM,TO,DESC
1        1080     FORMAT (2(2X,F6.1),5X,A40)
          220 CONTINUE
        C
        C     Read Number of Assay Units
        C
              READ (7,1075) NSAM
              WRITE (8,1075) NSAM
        C
        C     Read Assay Samples
        C
              DO 240 IX = 1,NSAM
1                 READ (7,1085) FROM,TO,(ASSAY(I),I=1,7)
1        1085     FORMAT (2F8.1,6X,2F6.2,F6.1,4F6.2)
1                 READ (7,1090) (ASSAY(I),I=8,15), RKTYPE
1        1090     FORMAT (5F6.2,F7.3,2F6.2,2X,A8)
1                 IF (RKTYPE .EQ. 'WASTE   '.AND. ASSAY(6) .EQ. -1.0)
1            1      ASSAY(6) = 2.70
1                 DO 230 JX = 1,NASSAY
2                     PASSAY(JX) = ASSAY(ISELECT(JX))
2                     IF (PASSAY(JX) .EQ. -1.0) PASSAY(JX) = 0.0
2                     IF (ICLIP .EQ. 0) GOTO 230
2                     IF (PASSAY(JX) .GT. XMAXVAL(ISELECT(JX)))
2            1            PASSAY(JX) = XMAXVAL(ISELECT(JX))
2         230     CONTINUE
1                 WRITE (8,1100) FROM,TO,(PASSAY(I),I=1,NASSAY)
1        1100     FORMAT (2F8.1,5F10.3)
          240 CONTINUE
        C
        C     Read Number of Down-hole Surveys
        C
```

D Line# 1 7 Microsoft FORTRAN77 V3.31 August 1985

```
            READ (7,1075) NSURV
            WRITE (8,1075) NSURV
      C
      C     Read Down-hole Surveys
      C
            DO 250 I = 1,NSURV
1                 READ (7,1110) FROM,TO,AZIMUTH,ZENITH
1      1110       FORMAT (4F8.1)
1                 WRITE (8,1110) FROM,TO,AZIMUTH,ZENITH
1      250  CONTINUE
      C
      C     Loop back to process another drill hole
      C
            GOTO 200
      C
       700  CONTINUE
            WRITE (8,1115) ACOPY,DDHID
      1115  FORMAT (A1,5X,A8)
      C
            GOTO 200
      C
      C     Close the input and output files
      C
       800  CONTINUE
            CLOSE (7)
            CLOSE (8)
            STOP
            END
```

Name	Type	Offset	P	Class
ACOPY	CHAR*1	1874		
ASSAY	REAL	156		
AZIMUT	REAL	2334		
CHAR				INTRINSIC
DDHID	CHAR*8	1875		
DDHTYP	CHAR*5	1950		
DESC	CHAR*40	2172		
E	CHAR*1	236		
ELEMEN	CHAR*5	80		
FINAME	CHAR*64	293		
FONAME	CHAR*64	413		
FROM	REAL	2164		
I	INTEGER*4	1486		
ICHOOS	INTEGER*4	1454		
ICLIP	INTEGER*4	232		
ISELEC	INTEGER*4	60		
IWINDO	INTEGER*4	228		
IX	INTEGER*4	1378		
IY	INTEGER*4	1402		
IYES	CHAR*1	613		
JX	INTEGER*4	2302		
[illegible]SSAY	INTEGER*4	216		
[illegible]DH	INTEGER*4	220		
NDDHU	INTEGER*4	224		
NLITH	INTEGER*4	2096		

```
NSAM   INTEGER*4   2232
[illegible]RV  INTEGER*4   2326
[illegible]SAY REAL          40
RKTYPE CHAR*8      2268
TO     REAL        2168
TOTDDH REAL        2028
XEAST  REAL        2020
XELEV  REAL        2024
XMAXE  REAL         838
XMAXN  REAL         910
XMAXVA REAL          20
XMINE  REAL         794
XMINN  REAL         874
XNORTH REAL        2016
ZENITH REAL        2338
```

```
         SUBROUTINE DISPLAY
C
C        Clear screen and set up colour heading for display
C
         CHARACTER*1 E
         E = CHAR(27)
         WRITE (*,10) E
   10    FORMAT (' ',A1,'[2J')
         WRITE (*,20) E
   20    FORMAT (' ',A1,'[0m')
         WRITE (*,30) E
   30    FORMAT (' ',A1,'[1;1H----------------------------------------')
         WRITE (*,40) E
   40    FORMAT (' ',A1,'[1;42H--------------------------------------')
         WRITE (*,50) E
   50    FORMAT (' ',A1 '[31;47m')
         WRITE (*,60) E
   60    FORMAT (' ',A1, '[2;5H  CURRAGH RESOURCES  ')
         WRITE (*,70) E
   70    FORMAT (' ',A1, '[2;53H  PROGRAM DDHIMPRT  ')
         WRITE (*,80) E
   80    FORMAT (' ',A1, '[0m')
         WRITE (*,90) E
   90    FORMAT (' ',A1,'[3;1H----------------------------------------')
         WRITE (*,100) E
  100    FORMAT (' ',A1,'[3;42H--------------------------------------')
         WRITE (*,110) E,E
  110    FORMAT (' ',A1,'[32m',A1,'[5;1H'\)
         RETURN
         END
```

```
Name   Type        Offset P Class

CHAR                        INTRINSIC
E      CHAR*1      2410
```

D Line# 1 7 Microsoft FORTRAN77 V3.31 August 1985

...e	Type	Size	Class
DDHIMP			PROGRAM
DISPLA			SUBROUTINE

Pass One No Errors Detected
395 Source Lines

D:\>

PRINTOUT OF CURRENT EXTRACTION DATA

DESCRIPTION : Borehole Header Data

NORTHING:	EASTING:	ELEVATION:	REAL VALUE:	INTEGER VALUE:	STRING VALUE:
38445.78	21837.06	4100.40	744.000	1	66-03
38444.79	21272.51	4018.10	673.200	2	66-05
38444.02	22403.81	4188.30	766.000	3	66-06
38163.15	22120.54	4156.70	810.000	4	66-07
37875.22	21828.50	4121.40	849.000	5	66-10
37878.40	22403.45	4191.50	759.500	6	66-11
38443.66	22120.47	4161.10	800.000	7	66-46
38161.52	22686.72	4217.10	700.000	8	66-47
38161.38	21554.79	4059.50	750.000	9	66-49
38442.81	21552.80	4038.80	725.000	10	66-52
37560.63	21825.89	4135.00	852.500	11	67-06
37554.12	22078.18	4186.00	800.000	12	67-09
37549.88	21520.98	4057.00	723.000	13	67-11
37833.42	21513.21	4061.00	1006.000	14	67-12
37552.70	21263.03	4023.70	661.000	15	67-30
37872.03	20997.02	4006.70	701.000	16	70-12
38152.12	21276.54	4019.00	703.000	17	70-17
37979.80	20772.87	3967.20	695.000	18	71-01
38449.31	20985.00	4005.00	603.000	19	71-02
38161.52	20985.71	3992.60	645.000	20	71-03
37582.41	20979.34	3992.60	570.000	21	71-04
37854.92	22114.11	4161.80	810.000	22	72-16
38566.77	22400.98	4182.60	549.000	23	73-01
38570.87	21788.48	4060.20	700.000	24	73-02
38439.63	22552.44	4112.80	523.000	25	74-01
38633.23	21412.87	3965.50	474.000	26	74-02
38159.26	22404.59	4138.50	777.000	27	74-07
38163.01	21842.65	4056.90	754.000	28	74-15
38471.59	22257.58	4060.70	641.000	29	74-16
37897.63	21297.96	4031.00	585.000	30	74-17
38049.73	22253.62	4139.60	688.000	31	75-03
38294.46	22405.71	4109.70	651.000	32	75-05
38422.23	21981.24	4042.60	701.000	33	75-06
38296.87	22219.46	4063.70	723.000	34	75-09
38021.23	22406.42	4141.00	957.000	35	75-10
38431.14	21396.75	4000.10	2120.000	36	75-11
38301.39	21695.36	4025.50	687.000	37	75002
37622.00	20402.34	3981.90	1410.000	38	754-18
37831.02	22264.72	4185.60	754.000	39	76-01
37732.31	22115.24	4181.50	821.000	40	76-02

PRINTOUT OF CURRENT EXTRACTION DATA

DESCRIPTION : Borehole Header Data

NORTHING:	EASTING:	ELEVATION:	REAL VALUE:	INTEGER VALUE:	STRING VALUE:
37729.63	21985.13	4166.00	866.000	41	76-03
37573.49	21968.30	4156.90	890.000	42	76-04
37728.07	21683.62	4100.20	744.000	43	76-05
38023.71	21700.80	4058.70	801.000	44	76-06
38025.48	21428.64	4051.30	787.000	45	76-07
37719.02	21425.81	4041.90	690.000	46	76-08
37722.05	21145.16	4012.50	638.000	47	76-09
38008.30	21139.22	4009.10	626.000	48	76-10
38324.94	21134.98	3992.00	595.000	49	76-11
38010.70	21979.82	4069.00	787.000	50	76-12
38305.70	21698.68	4002.20	714.000	51	76-13
38306.48	21980.61	4002.60	611.000	52	76-14
38283.01	21432.88	4012.10	630.000	53	76-22
38530.91	21707.95	3926.10	793.000	54	76916
38447.90	22676.40	4041.20	637.000	55	76X-10
38418.06	22812.73	4076.00	829.000	56	76X-14
37711.66	22702.70	4223.20	464.500	57	76X-17
37697.16	22378.92	4202.30	847.000	58	76X-20
37438.30	21661.56	4096.70	765.000	59	77-09
37452.37	21114.33	4007.00	670.000	60	77-16
37458.59	21395.90	4026.30	650.000	61	77-17
38439.20	21561.93	3921.10	576.000	62	79-01
38400.10	22110.57	3889.50	458.000	63	79-02
38427.61	22267.48	3879.60	516.000	64	79-03
38397.70	21794.64	3905.00	584.000	65	80-01
37448.20	21569.92	4061.20	680.000	66	80-02
37445.79	21866.76	4109.20	704.000	67	80-04
38158.48	21418.67	3955.00	589.000	68	80-05
37830.38	21971.20	4027.50	753.000	69	80-06
37847.99	21692.11	4031.20	699.000	70	80-07
38151.34	21934.64	3954.50	601.000	71	80-08
37573.42	22258.99	4071.30	903.000	72	82F-01
37551.86	22542.19	4071.20	787.000	73	82F-04
37555.74	21690.90	4069.00	792.000	74	82F-06
37449.75	21264.87	3908.90	541.000	75	82F-08
37598.24	21406.43	4040.10	667.000	76	82F-09
37456.40	20835.52	3940.60	627.000	77	82F-10
37598.17	21121.82	4009.40	603.600	78	82F-11
37596.34	20806.88	3946.60	641.000	79	82F-13
38285.27	21842.43	3810.00	516.000	80	84F-01

PRINTOUT OF CURRENT EXTRACTION DATA

DESCRIPTION : Borehole Header Data

NORTHING:	EASTING:	ELEVATION:	REAL VALUE:	INTEGER VALUE:	STRING VALUE:
38264.48	22128.25	3791.70	381.000	81	84F-03
38296.79	22329.42	3776.60	460.000	82	84F-05
38441.89	21976.43	3690.40	301.000	83	84F-06
38301.46	22543.25	3758.70	280.000	84	84F-08
38017.77	21579.60	3915.60	585.000	85	84F-18
38017.70	21836.07	3913.80	597.000	86	84F-19
38018.27	22121.75	3912.50	556.000	87	84F-20
38025.20	22686.86	3908.40	397.000	88	84F-21
38306.20	22685.31	3752.00	185.000	89	84F-22
37726.16	21585.12	3909.70	572.000	90	84F-23
37720.01	20982.88	3910.10	545.000	91	84F-24
37721.70	21839.89	3911.00	591.000	92	84F-25
37724.32	22255.88	3912.20	504.000	93	84F-26
37728.49	22538.09	3914.40	355.000	94	84F-27
38409.01	22298.09	3726.00	209.000	95	86F-01
38399.32	22472.26	3737.90	272.000	96	86F-05
38401.59	22174.00	3713.70	364.000	97	86F-06
38289.16	21571.68	3838.60	547.000	98	86F-07
37724.39	21276.33	3870.10	492.000	99	86F-08
38030.57	21174.64	3869.50	476.000	100	86F-09
38300.26	21057.69	3873.90	522.000	101	86F-10
38164.00	21998.50	3739.50	337.000	102	86F-11
38159.33	21831.90	3740.50	463.000	103	86F-12
38159.33	21831.90	3740.50	412.000	104	86F-13
38442.53	22068.85	3706.90	270.000	105	86F-14
37858.03	21799.45	3737.50	416.500	106	86F-15
38364.89	22238.13	3706.70	297.000	107	86F-16
38375.78	22379.98	3708.70	325.000	108	86F-17
38163.22	22351.27	3704.50	277.000	109	86F-18
38162.94	22261.32	3702.60	313.000	110	86F-19
38237.40	22258.57	3705.40	257.000	111	86F-20
38229.76	22364.49	3708.40	299.000	112	86F-21
38304.92	22063.20	3708.40	327.000	113	86F-22
38020.67	22236.29	3705.10	387.000	114	86F-23
38018.20	22054.21	3710.20	391.000	115	86F-24
38024.63	21945.68	3713.00	411.000	116	86F-25

FARO DEPOSIT

DISTRIBUTION OF THICKNESSES OF ORE INTERSECTIONS
(Geological Sections 116+070 - 125+000)

ORE TYPE (Description)	NUMBER of Samples	MINIMUM VALUE	MAXIMUM VALUE	NUMBER < 2.5 ft	%	NUMBER < 5 ft	%	NUMBER < 10 ft	%	NUMBER < 20 ft	%
21 (2ACD-BASAL)	136	1.2	155.0	1	0.7%	7	5.1%	19	14.0%	53	39.0%
22 (2ACD-MIDDLE)	11	5.0	85.9	0	0.0%	0	0.0%	5	45.5%	7	63.6%
23 (2ACD-UPPER)	24	2.4	31.9	1	4.2%	3	12.5%	11	45.8%	19	79.2%
32 (2BCD-MIDDLE)	14	3.3	80.0	0	0.0%	1	7.1%	2	14.3%	8	57.1%
33 (2BCD-UPPER)	59	0.8	28.5	3	5.1%	15	25.4%	32	54.2%	52	88.1%
40 (2EC)	102	3.0	141.3	0	0.0%	7	6.9%	23	22.5%	49	48.0%
50 (2EF)	165	2.0	122.6	1	0.6%	18	10.9%	52	31.5%	86	52.1%
60 (2EFG)	102	2.5	59.7	0	0.0%	11	10.8%	35	34.3%	58	56.9%
70 (2H)	60	1.8	35.0	2	3.3%	17	28.3%	37	61.7%	53	88.3%
80 (1H + ORE)	5	15.5	37.8	0	0.0%	0	0.0%	0	0.0%	2	40.0%

CURRAGH RESOURCES
PERSONAL COMPUTER
PROGRAM LIBRARY

Program ID: BSLIMPRT.EXE Language: FORTRAN77

Program name: Program Dev$\Program Dir$\BSLIMPRT.FOR

Description: BSLIMPRT is designed to read the survey traverse strings contained in a BSL-month end survey file. The strings are decoded and written to an output ASCII file as elevation data records. The output file is fully compatible with importing into PCMINE software system as an extraction file.

Panels: Screen #1 - Program Run Parameters xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Program Revision Log

Date	Name	Revisions
01/28/1986	LCP	.Original
02/11/1986	LCP	.Windows for area of interest

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Documentation Revision Log

Date	Name	Revisions
03/11/1986	LCP	.Original

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1.) INTRODUCTION

All pit elevation measurements for the Faro pit area are stored in the Survey Point Data Base (SPDB) on the HP3000 computer located at the Minesite. Elevations are stored as strings forming traverses; each traverse consists of a sequence of elevation data points. Each data point within a single traverse contains a Northing, Easting, and elevation. Northings and Eastings are reported in Faro Mine coordinates.

At the end of each month the survey traverses are updated and transferrred to a BSL file (Bench-Status-Line) within the SPDB system. The BSL file contains all survey traverses delineating the pit outline topographic surface for that month-end. This file represents a useful source of Faro pit surface elevation data for updating the surface topography grids in PCMINE mine modelling software.

BSLIMPRT.FOR is a FORTRAN77 program designed to read the survey traverse elevation strings contained in the BSL file. The strings are decoded, Mine coordinates (Northings and Eastings) are converted to PC Mine Model coordinates, and elevation data points are output to a sequential ASCII file.

2.) HARDWARE CONFIGURATION

BSLIMPRT was written for an IBM-compatible personal computer with 640 Kbytes of available memory. The operating system for the computer is MS-DOS 3.0 or equivalent. Screen escape codes in the program are designed for a colour monitor coupled with an EGA enhanced graphics card.

The program requires at least one disk drive for input and output. This drive may be either for a hard disk or floppy disk.

BSLIMPRT is written in FORTRAN77. The program was compiled and linked using Microsoft Fortran77 version 3.31 (August 1985). The program is fully compatible with Fortran77 system requirements.

3.) DATA FILES

Input File

The BSL input data file for BSLIMPRT must be a sequential ASCII file copy of the desired BSL file stored on the HP3000 computer. This ASCII file must be downloaded from the HP3000 system to an IBM compatible personal computer system. At the Faro Minesite this file transfer is readily accomplished using the software package REFLECTIONS (consult with Computer Information Services at the Minesite). The input data file readily fits on a double sided, double density, 5.25 inch floppy diskette.

Figure 1 illustrates the initial records for the November 1986 month end BSL file (file BSL8611D). The first traverse is outlined by the box; it consists of 7 elevation measurements. Each string of 16 numbers consists of Mine Northing, Mine Easting, and elevation for a single data point.

Output File

The output data file created and filled by BSLIMPRT is also a sequential ASCII file. This output file readily fits on a double sided, double density, floppy diskette.

Figure 2 shows the initial records for the output file generated by BSLIMPRT from the BSL8611D November month end file. The 7 lines outlined by the box correspond to the 7 elevation data points forming the traverse indicated in Figure 1. Each record in the output file consists of a PCMINE Mine Model Northing, PCMINE Mine Model Easting, and Mine Elevation corresponding to a single surveyed data point. The record format of the output file is fully compatible with importing the elevation data points into the PCMINE software system as an extraction file.

Each data record in the output file has the following format:

FORMAT	ITEM
2X, F 10.2	PCMINE Model Northing
2X, F 10.2	PCMINE Model Easting
2X, F 10.2	Mine Elevation
2X, F 11.3	YYMM.000 - year and month of input BSL file.
2X, I 10	sequential record number of output file - increases from 1 at start of file.
10X, I 4	YYMM - year and month of input BSL file

This format corresponds exactly to the standard format described for PCMINE extraction files. The last three items in the above list are correlated with the real, integer, and character variable, respectively, of the extraction file.

4.) PROGRAM EXECUTION

Program Start

Execution of BSLIMPRT is started by simply typing BSLIMPRT after the MS-DOS prompt. For this command to work properly, the executable file BSLIMPRT.EXE must either be located on the current drive or be accessible through a previously defined MS-DOS PATH command.

Program Run Parameters (Screen #1)

With start of the program, BSLIMPRT clears the monitor display and generates a program header display. The program then proceeds to request information on several parameters required for successful completion of the program run. The following illustrates the screen display for the BSLIMPRT program:

```
---------------------------------------------------------------------------

CURRAGH RESOURCES                                        PROGRAM BSLIMPRT

---------------------------------------------------------------------------

Enter name of BSL File containing elevations:____________________
Enter name of output extraction file:____________________________

Enter minimum and maximum model  coordinates for screening the data
points.

           Minimum Easting:________________
           Maximum Easting:________________

           Minimum Northing:_______________
           Maximum Norhting:_______________

TOTAL NUMBER OF DATA POINTS PROCESSED: 5429
NUMBER OF POINTS WRITTEN TO OUTPUT FILE: 2819
```

Initially the program asks for the names of the input BSL data file and the output file. Up to a maximum of 64 characters are allowed for each file name. The data files do not have to be located on the current directory; if not, the file names entered should include the appropriate drive and subdirectories as part of the file name. File names must correspond to MS-DOS file naming conventions.

Next the program requests the minimum and maximum Eastings and Northings outlining the area of interest for a particular program run. Only those elevation data points located within the area of interest are written to the output file; all data points outside the defined rectangle are ignored.

Eastings and Northings requested by BSLIMPRT are in PCMINE Mine Model coordinates. The edge of the rectangle outlining the area of interest are therefore parallel to geological cross and long sections for Faro. The rectangle is rotated 45 degrees relative to the Faro Mine coordinates.

This rectangular area of interest restriction provided a useful means of subdividing the input BSL data file into 2 or more subset output data files.

PCMINE software restricts elevation files to a maximum of 5000 records. The output file created from the November 1986 BSL file contains 5429 records. For proper use within the PCMINE system, this output file had to be subdivided into two or more output files with a smaller number of records. The area of interest request allows one to separate the data points into different output files on the basis of location.

BSLIMPRT then proceeds to read each of the traverses contained in the input BSL file. Each traverse is decoded into its constituent elevation data points. Mine coordinates for each data point are converted to PCMINE Mine Model coordinates. Each data point is then checked against the rectangle defined by the minimum and maximum Eastings and Northings. If the data point is outside the rectangle, it is discarded. Any data point located within the desired area is written to the output ASCII file as a data record.

After all the points in the BSL input file are processed, the program automatically terminates. The final two lines on the screen display summarize the total number of data points contained in the input file and the number of data points written to the output file.

5. ERROR MESSAGES

BSLIMPRT does not contain any error-trapping subroutines. If an unexpected response is encountered, the program terminates with an error condition and a system error message is displayed on the screen. To continue just retype the program name to restart the program; be careful to check your screen entries for correctness before pressing the ENTER key.

Figure 1. Input file BSL8611D - November 1986 month end SPDB data file.

```
603590108611  7      9589513883436236 9645713927136164 9703913969936112
61 9723914041736034 9711514115035993 9653914170135950 9699614273835984
603590118611 22      9582614335435952 9595314341735971 9607414389135988
61 9633014402435984 9700314407035978 9729414374435979 9743714315535993
61 9758214269735993 9773214212835980 9786214168835987 9793314138835985
61 9827114088936030 9812814065636025 9788814043836019 9804014005636033
61 9800113975636052 9800213939536052 9773713914336092 9700713871436137
61 9617513829836244 9555113766136298 9435713663936419
603590118611 26      9582614335435952 9557014333635948 9517514351835936
61 9475014387135909 9444214396435909 9407814363735900 9378814321635904
61 9338314280335915 9301614236235906 9272214197735915 9241514156335927
61 9242114118335935 9225614073935931 9228014036235938 9273314023635902
61 9309914053435895 9340614089235909 9389214105035905 9444614103935905
61 9481514109135919 9521514121935920 9561014091335939 9594814078835979
61 9620914091635978 9662414062736015 9673214025436085
603590108611  8      9282114122935903 9352114140635894 9419114152135900
61 9498714163535898 9604914190135915 9577114285535906 9469414277735907
61 9379314264235900
603610118611  4      9845214085836153 9863014021336091 9875213991036106
61 9814213942636093
603610128611  6      9814213942636093 9823913989436091 9801914041236086
61 9821014062736120 9840814068336104 9845214085836153
603610118611 22      9164614066136094 9129213998936100 9107113947236116
61 9082113896636098 9078613856836098 9090213823136096 9119613780636110
61 9144813733936097 9143113695736107 9174513664636104 9196513643336104
61 9234513644736120 9238213682836118 9235013754436096 9266813767236117
61 9298613761036149 9318713780636147 9278213816636116 9299313830936118
61 9358413841736165 9360113883236118 9448013867236106
603610128611  5      9582614335435952 9579714360836094 9600814409436112
61 9642314419236101 9711514428836151
603610118611  9      9711514428836151 9694814455736113 9717714503536132
61 9749214553236141 9722214591736106 9675414606736100 9644514600936095
61 9634114609136094 9622714604436083
603610108611  6      9697914516936092 9641014564236073 9582314524736057
61 9620014465036083 9563314421836101 9533514486536072
603610108611 12      9620313970036156 9553614000436142 9467213995236129
61 9390213987836090 9318613971336080 9244913983536081 9204413942636079
61 9148913911036077 9204013862236074 9210413788736075 9159213774736077
61 9172313731036086
603610118611  5      9447313867236103 9494813891736101 9535413920236106
61 9531213942936111 9510813951336115
603610118611 11      9622414604136083 9565414561136074 9510714503736080
61 9452414443636113 9416714391636120 9359014343136167 9316914283036106
61 9277814225836101 9240914183636110 9204114124636105 9164214065736095
603610128611 17      9673214025436085 9660414043636135 9624914067436149
61 9586414059636135 9534114081636125 9512814105036119 9463314086136105
61 9408814088536075 9360714075436090 9329514049736102 9296314020436093
61 9274814006536053 9238614017036067 9212914048136068 9211314077736024
61 9222314119336045 9220514149636055
603610128611  5      9582614335435952 9564014347236095 9520114378736110
61 9483714409136097 9446714421236109
603630108611  9      9524513854436336 9463413766136401 9413313693036432
61 9425413643136453 9366413607236511 9324513533236553 9314613495436530
61 9349313509936547 9386013443736594
```

Figure 2. Output file created by program BSLIMPRT from input file BSL8611D (November 1986 month end SPDB data file)

39085.07	21748.61	3623.60	8611.000	1	8611
39093.91	21819.24	3616.40	8611.000	2	8611
39104.80	21890.66	3611.20	8611.000	3	8611
39068.18	21955.58	3603.40	8611.000	4	8611
39007.57	21998.64	3599.30	8611.000	5	8611
38927.89	21996.87	3595.00	8611.000	6	8611
38886.87	22102.51	3598.40	8611.000	7	8611
38760.58	22063.34	3595.20	8611.000	8	8611
38765.11	22076.77	3597.10	8611.000	9	8611
38740.15	22118.85	3598.80	8611.000	10	8611
38748.84	22146.35	3598.40	8611.000	11	8611
38793.18	22197.19	3597.80	8611.000	12	8611
38836.81	22194.72	3597.90	8611.000	13	8611
38888.57	22163.18	3599.30	8611.000	14	8611
38931.21	22141.05	3599.30	8611.000	15	8611
38982.05	22111.42	3598.00	8611.000	16	8611
39022.36	22089.50	3598.70	8611.000	17	8611
39048.59	22073.31	3598.50	8611.000	18	8611
39107.77	22061.92	3603.00	8611.000	19	8611
39114.14	22035.34	3602.50	8611.000	20	8611
39112.58	22002.95	3601.90	8611.000	21	8611
39150.34	21986.69	3603.30	8611.000	22	8611
39168.80	21962.72	3605.20	8611.000	23	8611
39194.39	21937.26	3605.20	8611.000	24	8611
39193.47	21900.70	3609.20	8611.000	25	8611
39172.19	21818.75	3613.70	8611.000	26	8611
39142.77	21730.50	3624.40	8611.000	27	8611
39143.70	21641.34	3629.80	8611.000	28	8611
39131.53	21484.64	3641.90	8611.000	29	8611
38760.58	22063.34	3595.20	8611.000	30	8611
38743.75	22043.96	3594.80	8611.000	31	8611
38702.95	22028.90	3593.60	8611.000	32	8611
38647.94	22023.81	3590.90	8611.000	33	8611
38619.59	22008.61	3590.90	8611.000	34	8611
38616.97	21959.75	3590.00	8611.000	35	8611
38626.23	21909.47	3590.40	8611.000	36	8611
38626.80	21851.63	3591.50	8611.000	37	8611
38632.03	21794.50	3590.60	8611.000	38	8611
38638.46	21746.48	3591.50	8611.000	39	8611
38646.03	21695.50	3592.70	8611.000	40	8611
38673.32	21669.05	3593.50	8611.000	41	8611
38693.05	21625.99	3593.10	8611.000	42	8611
38721.41	21601.03	3593.80	8611.000	43	8611
38762.35	21624.15	3590.20	8611.000	44	8611
38767.16	21671.11	3589.50	8611.000	45	8611
38763.55	21718.13	3590.90	8611.000	46	8611
38786.75	21763.67	3590.50	8611.000	47	8611
38826.70	21802.06	3590.50	8611.000	48	8611
38849.11	21831.83	3591.90	8611.000	49	8611
38868.35	21869.17	3592.00	8611.000	50	8611