Faro - 8608 Model
014949

FARO FB701

PRINTOUT OF PROPERTY INFORMATION

Model description (max 64 characters) :	Faro 8608 Geological Model
Easting co-ordinate of model bottom left hand corner :	20000.00
Northing co-ordinate of model bottom left hand corner :	35537.50
Easting co-ordinate of model top right hand corner :	23200.00
Northing co-ordinate of model top right hand corner :	40017.50 — SECTION 109
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 :	35.00

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 $

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

355 - 402

Notes on the Faro 8608 Model Grid

The Faro 8608 Geological Model is built on a coordinate grid which parallels the existing geological cross sections and longitudinal sections. This coordinate grid system is rotated 45° from the existing mine grid system referred to here as the Faro grid). Model north then is at an azimuth of 315° with respect to the Faro grid.

The model grid is superimposed on top of the Faro grid so that the point 12,000 E, 9000 N on the Faro grid is at 20,000 E, 40,000 N on the model grid. The model grid is defined in units of feet.

This means that the longitudinal section line 9 is on the 20,000 Easting line, and the cross section 109 is on the 40,000 Northing line. Cross section numbers increase as the northing decreases; longitudinal section numbers increase as the easting increases.

To convert from Faro grid coordinates to model grid coordinates the following equations apply:

Model E = 5 150.758 + (1/SQRT(2)) (Faro E + Faro N)
Model N = 42 121.320 + (1/SQRT(2)) (Faro N - Faro E)
Where SQRT (2) is the square root of 2.

To convert from model grid coordinates to Faro grid coordinates, the following equations should be used:

Faro E = 26 142.136 + ((1/SQRT(2)) (Model E - Model N))
Faro N = - 33 426.407 + (1/SQRT(2)) (Model E + Model N)

To convert azimuths:

Model Az = Faro Az + 45
Faro Az = Model Az - 45

Faro 8608 Model Drill hole Files

PCMINE.MBH → From Faro FI model, eastings + northings converted From Faro grid to model grid.

PCMINE.MBS → From Faro FI model, azimuth converted From Faro grid to model grid.

PCMINE.MBG
.MBA
MBC
} From Faro FI model.

```
 Volume in drive C is GRUM_8606
 Direc   y of  C:\F8608

.            <DIR>        8-12-86    5:43p
..           <DIR>        8-12-86    5:43p
PCMINE   MBH       9126   8-04-86   11:39a   BOREHOLE HEADER MASTER FILE
PCMINE   MBG     507000   6-29-86   10:13a   BOREHOLE GEOLOGY MASTERFILE
PCMINE   MBA    1419600   6-29-86    3:12p   BOREHOLE ASSAY MASTERFILE
PCMINE   MBC     831480   6-29-86   10:13a   BOREHOLE COMPOSITE MASTERFILE
PCMINE   MBS     135200   8-04-86   11:39a   BOREHOLE SURVEY MASTERFILE
PCMINE   MRT       1536   6-28-86   12:57p   ROCK TYPE CODE MASTERFILE
PCMINE   MPL    1323972   8-14-86    4:58p   POLYGON MASTERFILE
PCMINE   MCS         76   4-22-86    5:34p   COSTS MASTERFILE
PCMINE   MEX      27488   8-20-86    3:36p   EXTRACTION FILE
PCMINE   MZZ      99072   8-05-86    3:17p   SURFACE ELEVATION GRID FILE
PCMINE   MZV          4   2-18-85    4:13p   SURFACE ELEVATION GRID VARIANCE FILE
PCMINE   MZR         72   4-22-86    5:35p   GRID MASTER FILE
PCMINE   MWD         76   4-22-86    5:34p   GRID MODEL WINDOW MASTERFILE
PCMINE   MGM         86   4-22-86    5:35p   GRID MANIPULATOR INSTRUCTION MASTERFILE
PCMINE   BRT          4   2-18-85    4:13p   GEOLOGICAL ROCK TYPE MODEL
PCMINE   BDN          4   2-18-85    4:13p   DENSITY
PCMINE   BL1          4   2-18-85    4:14p   LABEL 1  Pb+Zn
PCMINE   BL2          4   2-18-85    4:14p   LABEL 2  Pb
PCMINE   BL3          4   2-18-85    4:14p   LABEL 3  Zn
PCMINE   BL4          4   2-18-85    4:14p   LABEL 4  Ag
PCMINE   BL5          4   2-18-85    4:14p   LABEL 5  Au
PCMINE   VR1          4   2-18-85    4:14p   LABEL 1  VARIANCE MODEL
PCMINE   VR2          6   2-18-85    4:14p   LABEL 2
PCMINE   VR3          4   2-18-85    4:14p   LABEL 3
PCMINE   VR4          4   2-18-85    4:15p   LABEL 4
PCMINE   VR5          4   2-18-85    4:15p   LABEL 5
PCMINE   BEC          4   2-18-85    4:15p   ECONOMIC MODEL
PCMINE   PLS     109626   8-04-86   12:31p   BOREHOLE SECTION PLOT FILE
PCMINE   PLE          4   2-18-85    4:15p   EXTRACTION DATA PLOT FILE
PCMINE   PLM      27318   8-05-86    9:15a   MODEL GRID PLOTFILE
PCMINE   PLG       1094   8-04-86    2:03p   COORDINATE GRID PLOTFILE
PCMINE   PLP      40500   8-20-86    3:04p   POLYGON PLOT FILE
PCMINE   PLB          4   2-18-85    4:16p   BLOCK BENCH PLAN PLATFORM
PCMINE   PLC     228348   8-05-86    3:26p   PLAN CONTOUR PLOTFILE
PCMINE   PLT          4   2-18-85    4:16p   SECTION CONTOUR PLOTFILE
PCMINE   PLZ          4   2-18-85    4:17p   PITSECTION PLOTFILE
PCMINE   PLA     458794   8-05-86   10:26a   PERSPECTIVE PLOTFILE
PCMINE   SCH          6   9-26-85    8:31a   SCHEDULING FILE
PCMINE   SC1          4   2-18-85    4:17p   SCRATCH FILE 1
PCMINE   SC2          4   2-18-85    4:17p   SCRATCH FILE 2
LOTUS    PRN       2717   8-20-86    3:35p   LOTUS 123 OUTPUT FILE
FIDDH    ASC     513156   7-30-86    4:00p
F8608    DDH     508838   7-31-86    8:34a
       45 File(s)  14835712 bytes free
```

(9380 BYTES PER BOH)

(128 BYTES/ROCK)

(2132 BYTES PER POLYGON)

(730 BYTES / RECORD)

(MAX 75000 BYTES)

(33024 B/GRID)

DATABASE FILES

GRID MODEL FILES

BLOCK MODEL FILES

33024 BYTES/BENCH

PLOTFILES

SCRATCH FILES

DATA - ASCII

PRINTOUT OF PROPERTY INFORMATION

Model description (max 64 characters) :	Faro 8608 Geological Model
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Northing co-ordinate of model bottom left hand corner :	35537.50
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Number of columns in model (max 128) :	128
Number of rows in model (max 128) :	128
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Width of rows :	35.00

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Current units are :

Linear : ft
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Density : tn/bcf
Monetary : Cdn $

PRINTOUT OF PROPERTY INFORMATION

BENCH	HEIGHT [ft]	CREST ELEVATION [ft]	TOE ELEVATION [ft]	CREST DEPTH [ft]	TOE DEPTH [ft]
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7	40.00	4030.00	3990.00	240.00	280.00
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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
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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
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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
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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

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [11]

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	0	AIR	.000	1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2	1	1	UNIT 1 UNDIFFERENTIATED SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
3	1	2	2A* RIBBON BANDED SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
4	1	3	2BCD NON PYRITIC/PYRITIC QUARTZITES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
5	1	4	2CE QUARTZITE/MASSIVE SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
6	1	5	2EF MASSIVE SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
7	1	6	2GE BARITIC MASSIVE SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
8	1	7	2HE PYRRHOTITIC MASSIVE SULPHIDES	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
9	1	10	WASTE	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
10	1	11	3D WASTE	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0
11	1	12	WASTE IN BLOCKS >50% REMOVED AT MINING START-UP	.000	1	45.0	39.0	36.5	45.0	38.5	45.0	45.0	45.0

```
 Volume in drive C is GRUM_8606
 Directory of  C:\F8608

.            <DIR>       8-12-86   5:43p
..           <DIR>       8-12-86   5:43p
PCMINE   MBH      9126    8-04-86  11:39a
PCMINE   MBG    507000    6-29-86  10:13a
PCMINE   MBA   1419600    6-29-86   3:12p
PCMINE   MBC    831480    6-29-86  10:13a
PCMINE   MBS    135200    8-04-86  11:39a
PCMINE   MRT      1536    6-28-86  12:57p
PCMINE   MPL   1323972    8-14-86   4:58p
PCMINE   MCS        76    4-22-86   5:34p
PCMINE   MEX     27488    8-20-86   3:36p
PCMINE   MZZ     99072    8-05-86   3:17p
PCMINE   MZV         4    2-18-85   4:13p
PCMINE   MZR        72    4-22-86   5:35p
PCMINE   MWD        76    4-22-86   5:34p
PCMINE   MGM        86    4-22-86   5:35p
PCMINE   BRT         4    2-18-85   4:13p
PCMINE   BDN         4    2-18-85   4:13p
PCMINE   BL1         4    2-18-85   4:14p
PCMINE   BL2         4    2-18-85   4:14p
PCMINE   BL3         4    2-18-85   4:14p
PCMINE   BL4         4    2-18-85   4:14p
PCMINE   BL5         4    2-18-85   4:14p
PCMINE   VR1         4    2-18-85   4:14p
PCMINE   VR2         6    2-18-85   4:14p
PCMINE   VR3         4    2-18-85   4:14p
PCMINE   VR4         4    2-18-85   4:15p
PCMINE   VR5         4    2-18-85   4:15p
PCMINE   BEC         4    2-18-85   4:15p
PCMINE   PLS    109626    8-04-86  12:31p
PCMINE   PLE         4    2-18-85   4:15p
PCMINE   PLM     27318    8-05-86   9:15a
PCMINE   PLG      1094    8-04-86   2:03p
PCMINE   PLP     40500    8-20-86   3:04p
PCMINE   PLB         4    2-18-85   4:16p
PCMINE   PLC    228348    8-05-86   3:26p
PCMINE   PLT         4    2-18-85   4:16p
PCMINE   PLZ         4    2-18-85   4:17p
PCMINE   PLA    458794    8-05-86  10:26a
PCMINE   SCH         6    9-26-85   8:31a
PCMINE   SC1         4    2-18-85   4:17p
PCMINE   SC2         4    2-18-85   4:17p
LOTUS    PRN      2717    8-20-86   3:35p
FIDDH    ASC    513156    7-30-86   4:00p
F8608    DDH    508838    7-31-86   8:34a
       45 File(s)  14835712 bytes free
```

BOREHOLE HEADER MASTER FILE
BOREHOLE GEOLOGY MASTERFILE
BOREHOLE ASSAY MASTERFILE
BOREHOLE COMPOSITE MASTERFILE
BOREHOLE SURVEY MASTERFILE
ROCK TYPE CODE MASTERFILE (128 BYTES/REC)
POLYGON MASTERFILE (2132 BYTES PER POLYGON)
COSTS MASTERFILE (730 BYTES/RECORD)
EXTRACTION FILE (MAX 75000 BYTES)
SURFACE ELEVATION GRID FILE (33024 B/GRID)
SURFACE ELEVATION GRID VARIANCE FILE
(9350 BYTES per DDH) — DATABASE FILES

GRID MASTER FILE
GRID MODEL WINDOW MASTERFILE
GRID MANIPULATOR INSTRUCTION MASTERFILE — GRID MODEL FILES

GEOLOGICAL ROCK TYPE MODEL
DENSITY
LABEL 1 Pb+Zn
LABEL 2 Pb
LABEL 3 Zn
LABEL 4 Ag
LABEL 5 AV
LABEL 1 VARIANCE MODEL
LABEL 2
LABEL 3
LABEL 4
LABEL 5
ECONOMIC MODEL
— BLOCK MODEL FILES
33024 BYTES/BENCH

BOREHOLE SECTION PLOT FILE
EXTRACTION DATA PLOT FILE
MODEL GRID PLOTFILE
COORDINATE GRID PLOTFILE
POLYGON PLOT FILE
BLOCK BENCH PLAN PLATFORM
PLAN CONTOUR PLOTFILE
SECTION CONTOUR PLOTFILE
PITSECTION PLOTFILE
PERSPECTIVE PLOTFILE
— PLOT FILES

SCHEDULING FILE
SCRATCH FILE 1
SCRATCH FILE 2
LOTUS 123 OUTPUT FILE
— SCRATCH FILES

— DATA - ASCII

CONVERSION OF FARO MINE (AND FI MODEL) TO FARO 86-08 MODEL GRID

MINE N	MINE E	MODEL N	MODEL E	SECTION	ROW NO.
8500	13500	38585.5	20708.4	117000	40.9
8400	13600	38444.1	20708.4	118000	45.0
8300	13700	38302.6	20708.4	119000	49.0
8200	13800	38161.2	20708.4	120000	53.0
8100	13900	38019.8	20708.4	121000	57.1
7980	14000	37864.2	20694.2	122020	61.5
7890	14100	37729.8	20701.3	123015	65.4
7770	14200	37574.3	20687.1	124022	69.8
7700	14300	37454.0	20708.4	125000	73.2
7570	14400	37291.4	20687.1	126023	77.9
7485	14500	37160.6	20697.7	127009	81.6
7375	14600	37012.1	20690.7	128020	85.9
7300	14700	36888.3	20708.4	129000	89.4
7200	14800	36746.9	20708.4	130000	93.4
7070	14900	36584.2	20687.1	131022	98.1
~~7225~~	~~15000~~	~~36723.1~~	~~20687.5~~	~~132052~~	~~97.0~~

GEMCOM SERVICES INC.
Geotechnical Engineering and Mining Computing Services
Suite 801 - 1030 West Georgia Street
Vancouver, B.C. Canada V6E 2Y3
Tel. (604) 684-6550 or (604) 681-4196
Telex 04-352578 NORSHORBUS

August 21, 1986

Mr. Gregg Jilson
Curragh Resources
117 Industrial Road
Whitehorse, Yukon
Y1A 2T8

Dear Gregg:

Please find enclosed the diskette with VEDIT.COM and FIXPOL.EXE on it.

As agreed, VEDIT is enclosed as you are obtaining a copy anyway.

Install FIXPOL with your programs (alternative might be in your database sub-directory). Before running it make a backup copy of your PCMINE.MPL file under a safe name. Type FIXPOL and answer prompts and reset the no. of polygons to 512. (I have not run this program myself so you might have to set it to 511 or something.)

I believe you need to have your property definition in the A drive for this. I do not think you can set it to 650 or a number above 512. You could try this first and see if that works though. If it does and you can write out an ASCII file of the polygons 513 - ? do so and then re-load the ASCII file of the 513-? polygons to another database file with LODPOL. (Be sure to copy or rename your first file that is O.K. before loading any polygons with LODPOL.)

You can have several polygon database files but only one can be used at any one time under the PCMINE.MPL name.

If you have any questions, please give me a call. Good luck!

Yours sincerely,

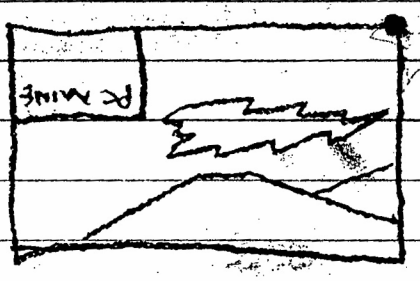
GEMCOM SERVICES INC.

Peter I. Clarke.

Peter I. Clarke
Senior Mining Engineer

Encl.

origin



setup #2

90° rotation

origin

setup #1

0° rotation

automatic origin works

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
1	66E-07	ddh	36403.66	20953.18	4018.00	503.80	23	14	8	29/ 6/1986	1
2	81-04	ddh	36463.12	21129.18	4018.70	305.00	13	33	17	29/ 6/1986	1
3	66E-04	ddh	36419.21	21250.17	4023.00	449.90	20	29	12	29/ 6/1986	1
4	74-18	ddh	36416.52	21384.52	4015.50	250.00	11	19	10	29/ 6/1986	1
5	66E-01	ddh	36420.27	21517.10	4012.00	452.40	21	15	8	29/ 6/1986	1
6	81-08	ddh	36501.16	21665.59	4016.40	288.00	13	31	12	29/ 6/1986	1
7	67-01	ddh	36422.04	21803.12	4013.00	351.40	16	4	4	29/ 6/1986	1
8	65-53	ddh	36368.30	20245.22	4019.80	427.00	19	3	3	29/ 6/1986	1
9	81-05	ddh	36314.35	20987.05	4005.80	252.00	11	22	10	29/ 6/1986	1
10	74-21	ddh	36315.62	21127.34	4014.00	250.00	11	27	15	29/ 6/1986	1
11	81-06	ddh	36314.35	21276.68	4010.50	273.00	12	17	7	29/ 6/1986	1
12	81-07	ddh	36321.91	21418.88	4009.80	190.00	8	13	8	29/ 6/1986	1
13	66E-03	ddh	36257.99	21784.74	4016.00	200.00	5	2	2	29/ 6/1986	1
14	72-11	ddh	36370.42	22281.41	4060.00	287.00	11	3	3	29/ 6/1986	1
15	66E-08	ddh	36126.47	21244.51	4012.00	370.40	17	2	2	29/ 6/1986	1
16	66E-02	ddh	36156.66	21566.17	4009.00	423.00	14	2	2	29/ 6/1986	1
17	65-55	ddh	36117.70	21103.79	4009.40	233.00	10	4	4	29/ 6/1986	1
18	82F-24	ddh	35986.75	20684.76	4007.40	127.00	5	17	11	29/ 6/1986	1
19	72-12	ddh	36641.38	21048.78	4018.00	392.90	18	8	8	29/ 6/1986	1
20	74-19	ddh	36531.57	21249.95	4016.40	372.90	17	17	8	29/ 6/1986	1
21	81-01	ddh	36602.28	21410.04	4002.90	320.00	15	22	12	29/ 6/1986	1
22	74-11	ddh	36566.29	21570.91	4017.90	300.00	13	28	11	29/ 6/1986	1
23	81-20	ddh	36605.89	21602.30	4017.90	421.00	19	42	14	29/ 6/1986	1
24	75-04	ddh	36606.80	21699.67	4018.40	482.00	22	39	18	29/ 6/1986	1
25	81-16	ddh	36592.52	21772.36	4013.10	517.80	24	56	19	29/ 6/1986	1
26	77-11	ddh	36569.05	21842.65	4021.90	299.90	13	4	4	29/ 6/1986	1
27	456-15	ddh	36743.07	20132.94	4018.00	820.30	34	19	13	29/ 6/1986	1
28	82F-15	ddh	36743.07	20551.69	4025.60	739.80	34	26	15	29/ 6/1986	1
29	82F-12	ddh	36737.05	20834.74	3875.40	450.40	24	14	11	29/ 6/1986	1
30	81-03	ddh	36745.82	21137.38	4011.60	383.80	18	18	15	29/ 6/1986	1
31	66E-05	ddh	36697.81	21231.78	4014.00	346.70	16	24	11	29/ 6/1986	1
32	74-20	ddh	36754.10	21394.42	4004.40	426.90	20	21	11	29/ 6/1986	1

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
33	66E-06	ddh	36702.76	21510.24	4008.80	499.90	23	29	17	29/ 6/1986	1
34	81-12	ddh	36751.41	21583.50	4014.70	488.00	23	60	28	29/ 6/1986	1
35	74-10	ddh	36771.42	21659.65	4017.30	507.90	23	45	22	29/ 6/1986	1
36	66E-09	ddh	36712.66	21792.52	4037.00	546.30	25	43	21	29/ 6/1986	1
37	77-07	ddh	36764.35	21906.29	4101.60	604.00	26	60	27	29/ 6/1986	1
38	81-19	ddh	36749.08	21981.24	4101.30	623.90	27	76	19	29/ 6/1986	1
39	67-02	ddh	36760.32	22068.00	4123.00	606.00	26	12	11	29/ 6/1986	1
40	81-02	ddh	36894.95	21282.55	3994.50	399.90	19	25	14	29/ 6/1986	1
41	77-12	ddh	36884.70	21421.92	4014.70	402.00	18	39	16	29/ 6/1986	1
42	81-18	ddh	36880.81	21486.76	4012.40	477.70	22	61	24	29/ 6/1986	1
43	81-10	ddh	36886.75	21590.00	4016.10	538.00	25	33	20	29/ 6/1986	1
44	77-14	ddh	36903.51	21652.16	4023.40	322.90	14	12	9	29/ 6/1986	1
45	81-11	ddh	36885.62	21688.71	4024.90	532.90	24	56	26	29/ 6/1986	1
46	81-15	ddh	36874.23	21830.77	4100.80	684.90	30	34	18	29/ 6/1986	1
47	77-04	ddh	36881.80	21942.00	4117.30	720.70	32	8	8	29/ 6/1986	1
48	70-13	ddh	36992.82	20972.41	4011.20	705.90	34	17	12	29/ 6/1986	1
49	82F-17	ddh	37028.17	21126.85	3912.90	399.90	21	20	12	29/ 6/1986	1
50	67-07	ddh	36984.97	21237.51	4005.00	551.00	26	12	10	29/ 6/1986	1
51	81-09	ddh	37031.99	21356.37	4014.90	481.00	22	8	8	29/ 6/1986	1
52	81-13	ddh	37020.32	21422.49	4014.10	504.00	23	27	15	29/ 6/1986	1
53	67-05	ddh	37005.61	21498.15	4028.00	569.00	26	36	19	29/ 6/1986	1
54	81-14	ddh	37025.55	21694.72	4050.00	640.90	30	64	32	29/ 6/1986	1
55	67-04	ddh	37031.07	21784.67	4081.00	742.00	34	53	26	29/ 6/1986	1
56	77-06	ddh	37018.06	21972.33	4136.00	699.80	30	10	10	29/ 6/1986	1
57	67-08	ddh	36987.73	22082.01	4164.00	806.00	35	22	13	29/ 6/1986	1
58	82F-16	ddh	37165.77	20558.47	4004.40	706.80	34	19	12	29/ 6/1986	1
59	82F-14	ddh	37166.91	20736.52	3992.10	699.50	34	29	19	29/ 6/1986	1
60	77-15	ddh	37168.39	21127.34	4016.00	564.70	26	24	13	29/ 6/1986	1
61	82F-05	ddh	37167.89	21261.34	3913.10	406.90	22	28	15	29/ 6/1986	1
62	77-13	ddh	37163.23	21387.06	4018.20	542.90	25	48	23	29/ 6/1986	1
63	77-10	ddh	37130.56	21688.57	4061.60	662.00	30	62	23	29/ 6/1986	1
64	82F-03	ddh	37168.60	21827.02	4031.00	626.80	30	46	23	29/ 6/1986	1
65	77-03	ddh	37153.19	21970.57	4118.90	693.90	31	32	17	29/ 6/1986	1

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
66	82F-02	ddh	37161.75	22250.51	4032.30	754.90	35	12	12	29/ 6/1986	1
67	72-13	ddh	37247.94	20732.00	4002.00	679.40	33	23	15	29/ 6/1986	1
68	71-05	ddh	37259.96	20931.26	4001.50	567.00	27	17	10	29/ 6/1986	1
69	82F-07	ddh	37311.02	21120.06	3912.80	421.80	22	20	12	29/ 6/1986	1
70	74-08	ddh	37317.59	21272.16	4017.80	576.00	27	39	21	29/ 6/1986	1
71	67-03	ddh	37342.83	21493.41	4039.00	998.90	35	38	19	29/ 6/1986	1
72	80-03	ddh	37300.83	21708.37	4086.30	756.90	32	72	27	29/ 6/1986	1
73	67-10	ddh	37268.45	21798.17	4103.00	741.00	33	46	21	29/ 6/1986	1
74	77-02	ddh	37280.18	21968.73	4140.90	732.00	32	64	23	29/ 6/1986	1
75	72-15.	ddh	37261.59	22130.16	4188.30	700.00	29	13	8	29/ 6/1986	1
76	82F-10	ddh	37456.39	20835.52	3940.60	626.30	31	22	15	29/ 6/1986	1
77	77-16	ddh	37452.36	21114.33	4007.00	669.60	32	27	14	29/ 6/1986	1
78	82F-08	ddh	37449.75	21264.87	3908.90	540.90	27	35	17	29/ 6/1986	1
79	77-17	ddh	37458.59	21395.90	4026.30	649.80	30	38	17	29/ 6/1986	1
80	80-02	ddh	37448.19	21569.92	4061.20	680.00	31	75	20	29/ 6/1986	1
81	77-09	ddh	37438.29	21661.56	4096.70	765.00	34	44	20	29/ 6/1986	1
82	80-04	ddh	37445.79	21866.76	4109.20	704.00	31	32	14	29/ 6/1986	1
83	77-01	ddh	37425.78	21970.78	4147.40	728.80	31	30	17	29/ 6/1986	1
84	456-18	ddh	37622.00	20402.34	3981.90	1407.60	33	11	10	29/ 6/1986	1
85	82F-13	ddh	37596.33	20806.88	3946.60	640.50	31	14	9	29/ 6/1986	1
86	71-04	ddh	37582.40	20979.34	3992.60	569.70	28	15	9	29/ 6/1986	1
87	82F-11	ddh	37598.17	21121.82	4009.40	603.50	29	24	13	29/ 6/1986	1
88	67-30	ddh	37552.70	21263.04	4023.70	861.00	31	34	16	29/ 6/1986	1
89	82F-09	ddh	37598.24	21406.44	4040.10	666.80	31	41	21	29/ 6/1986	1
90	67-11	ddh	37549.88	21520.99	4057.00	723.00	33	40	18	29/ 6/1986	1
91	82F-06	ddh	37555.74	21690.90	4069.00	791.90	35	71	30	29/ 6/1986	1
92	67-06	ddh	37560.63	21825.89	4135.00	852.50	37	59	28	29/ 6/1986	1
93	76-04	ddh	37573.49	21968.30	4156.90	890.00	38	47	22	29/ 6/1986	1
94	67-09	ddh	37554.12	22078.19	4186.00	800.00	34	24	14	29/ 6/1986	1
95	82F-01	ddh	37545.14	22230.71	4071.30	902.90	36	30	21	29/ 6/1986	1
96	82F-04	ddh	37551.86	22542.19	4071.20	786.80	36	7	7	29/ 6/1986	1
97	84F-24	ddh	37720.00	20982.88	3910.10	544.90	29	27	3	29/ 6/1986	1
98	76-09	ddh	37722.05	21145.16	4012.50	637.50	30	42	3	29/ 6/1986	1

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
99	76-08	ddh	37719.02	21425.81	4041.90	689.80	32	65	3	29/ 6/1986	1
100	84F-23	ddh	37726.16	21585.12	3909.70	572.00	29	59	3	29/ 6/1986	1
101	76-05	ddh	37728.07	21683.62	4100.20	743.70	33	69	5	29/ 6/1986	1
102	84F-25	ddh	37721.70	21839.89	3911.00	591.00	31	56	9	29/ 6/1986	1
103	76-03	ddh	37729.62	21985.13	4166.00	865.00	38	73	3	29/ 6/1986	1
104	76-02	ddh	37732.31	22115.24	4181.50	820.70	35	58	3	29/ 6/1986	1
105	84F-26	ddh	37724.32	22255.88	3912.20	503.90	27	53	9	29/ 6/1986	1
106	76X-20	ddh	37697.16	22378.92	4202.30	845.20	36	1	1	29/ 6/1986	1
107	84F-27	ddh	37728.49	22538.09	3914.40	355.00	19	1	1	29/ 6/1986	1
108	76X-17	ddh	37711.66	22702.71	4223.20	464.50	16	1	1	29/ 6/1986	1
109	70-12	ddh	37872.03	20997.02	4006.70	700.90	34	18	3	29/ 6/1986	1
110	74-17	ddh	37897.63	21297.97	4031.00	584.80	28	21	2	29/ 6/1986	1
111	67-12	ddh	37833.43	21513.21	4061.00	1005.70	35	36	3	29/ 6/1986	1
112	80-07	ddh	37847.99	21692.11	4031.20	698.70	33	87	6	29/ 6/1986	1
113	66-10	ddh	37875.21	21828.51	4121.40	848.60	37	46	3	29/ 6/1986	1
114	80-06	ddh	37830.38	21971.20	4027.50	752.60	34	101	5	29/ 6/1986	1
115	72-16	ddh	37854.92	22114.11	4161.80	810.00	35	47	3	29/ 6/1986	1
116	76-01	ddh	37831.02	22264.72	4185.60	752.60	31	34	3	29/ 6/1986	1
117	66-11	ddh	37878.39	22403.46	4191.50	759.20	32	12	3	29/ 6/1986	1
118	71-01	ddh	37979.80	20772.87	3967.20	694.60	33	7	3	29/ 6/1986	1
119	76-10	ddh	38008.29	21139.22	4009.10	625.90	30	14	3	29/ 6/1986	1
120	76-07	ddh	38025.48	21428.64	4051.30	786.00	35	61	3	29/ 6/1986	1
121	84F-18	ddh	38017.77	21579.61	3915.60	584.90	30	39	5	29/ 6/1986	1
122	76-06	ddh	38023.71	21700.80	4058.70	800.50	35	101	3	29/ 6/1986	1
123	84F-19	ddh	38017.70	21836.07	3913.80	597.00	31	67	3	29/ 6/1986	1
124	76-12	ddh	38010.70	21979.83	4069.00	786.00	35	76	3	29/ 6/1986	1
125	84F-20	ddh	38018.26	22121.74	3912.50	555.80	29	47	3	29/ 6/1986	1
126	75-03	ddh	38049.73	22253.62	4139.60	683.80	29	32	3	29/ 6/1986	1
127	75-10	ddh	38021.23	22406.43	4141.00	955.10	37	32	5	29/ 6/1986	1
128	84F-21	ddh	38025.19	22686.87	3908.40	396.90	20	11	5	29/ 6/1986	1
129	71-03	ddh	38161.52	20985.71	3992.60	644.60	32	13	3	29/ 6/1986	1
130	70-17	ddh	38152.12	21276.54	4019.00	702.70	33	10	3	29/ 6/1986	1
131	80-05	ddh	38158.48	21418.67	3955.00	588.80	30	37	3	29/ 6/1986	1

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
132	66-49	ddh	38161.38	21554.79	4059.50	749.70	34	28	3	29/ 6/1986	1
133	74-15	ddh	38163.01	21842.65	4056.90	753.80	35	51	3	29/ 6/1986	1
134	80-08	ddh	38151.34	21934.64	3954.50	599.60	30	79	2	29/ 6/1986	1
135	66-07	ddh	38163.15	22120.54	4156.70	809.60	35	19	3	29/ 6/1986	1
136	74-07	ddh	38159.26	22404.59	4138.50	776.80	34	68	3	29/ 6/1986	1
137	66-47	ddh	38161.52	22686.72	4217.10	699.60	28	8	3	29/ 6/1986	1
138	76-11	ddh	38324.93	21134.98	3992.00	594.80	29	11	3	29/ 6/1986	1
139	76-22	ddh	38283.00	21432.88	4012.10	629.50	30	25	4	29/ 6/1986	1
140	75002	ddh	38301.39	21695.36	4025.50	654.70	26	30	2	29/ 6/1986	1
141	76-13	ddh	38305.70	21698.68	4002.20	713.60	34	39	3	29/ 6/1986	1
142	84F-01	ddh	38285.27	21842.44	3810.00	516.00	26	44	5	29/ 6/1986	1
143	76-14	ddh	38306.48	21980.61	4002.60	610.20	29	27	3	29/ 6/1986	1
144	84F-03	ddh	38264.48	22128.25	3791.70	380.90	20	42	3	29/ 6/1986	1
145	75-09	ddh	38296.86	22219.47	4063.70	723.00	33	78	3	29/ 6/1986	1
146	84F-05	ddh	38296.79	22329.42	3776.60	459.90	24	91	5	29/ 6/1986	1
147	75-05	ddh	38294.46	22405.72	4109.70	650.90	28	52	5	29/ 6/1986	1
148	84F-08	ddh	38301.46	22543.25	3758.70	280.00	15	33	5	29/ 6/1986	1
149	84F-22	ddh	38306.20	22685.31	3752.00	185.00	11	10	5	29/ 6/1986	1
150	71-02	ddh	38449.32	20985.00	4005.00	602.70	29	9	3	29/ 6/1986	1
151	66-05	ddh	38444.79	21272.51	4018.10	673.10	32	15	3	29/ 6/1986	1
152	75-11	ddh	38431.14	21396.75	4000.10	2093.80	34	21	3	29/ 6/1986	1
153	66-52	ddh	38442.81	21552.81	4038.80	724.90	34	27	3	29/ 6/1986	1
154	79-01	ddh	38439.20	21561.93	3921.10	575.90	26	1	1	29/ 6/1986	1
155	80-01	ddh	38397.70	21794.64	3905.00	583.90	30	83	4	29/ 6/1986	1
156	66-03	ddh	38445.78	21837.06	4100.40	743.80	33	42	3	29/ 6/1986	1
157	75-06	ddh	38422.23	21981.24	4042.60	700.70	31	2	2	29/ 6/1986	1
158	84F-06	ddh	38441.89	21976.43	3690.40	301.00	17	36	7	29/ 6/1986	1
159	66-46	ddh	38443.66	22120.47	4161.10	799.70	35	58	3	29/ 6/1986	1
160	74-16	ddh	38471.59	22257.58	4060.70	640.30	28	1	1	29/ 6/1986	1
161	79-03	ddh	38427.61	22267.48	3879.60	515.70	27	50	5	29/ 6/1986	1
162	66-06	ddh	38444.01	22403.81	4188.30	765.90	32	36	3	29/ 6/1986	1
163	74-01	ddh	38439.63	22552.44	4112.80	522.90	22	31	7	29/ 6/1986	1
164	76X-10	ddh	38447.90	22676.40	4041.20	635.40	29	1	1	29/ 6/1986	1

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [ft]	EASTING CO-ORD [ft]	COLLAR ELEVATION [ft]	LENGTH [ft]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
165	76X-14	ddh	38418.06	22812.73	4076.00	817.40	36	1	1	29/ 6/1986	1
166	74-02	ddh	38633.23	21412.87	3965.50	474.00	23	9	3	29/ 6/1986	1
167	76916	ddh	38530.91	21707.95	3926.10	784.40	32	51	10	29/ 6/1986	1
168	73-02	ddh	38570.87	21788.49	4060.20	700.00	32	8	3	29/ 6/1986	1
169	73-01	ddh	38566.77	22400.98	4182.60	549.00	21	14	5	29/ 6/1986	1
1	66E-07	ddh	36403.66	20953.18	4018.00	503.80	23	14	8	29/ 6/1986	1
2	81-04	ddh	36463.12	21129.18	4018.70	305.00	13	33	17	29/ 6/1986	1
3	66E-04	ddh	36419.21	21250.17	4023.00	449.90	20	29	12	29/ 6/1986	1
4	74-18	ddh	36416.52	21384.52	4015.50	250.00	11	19	10	29/ 6/1986	1
5	66E-01	ddh	36420.27	21517.10	4012.00	452.40	21	15	8	29/ 6/1986	1
6	81-08	ddh	36501.16	21665.59	4016.40	288.00	13	31	12	29/ 6/1986	1
7	67-01	ddh	36422.04	21803.12	4013.00	351.40	16	4	4	29/ 6/1986	1
8	65-53	ddh	36368.30	20245.22	4019.80	427.00	19	3	3	29/ 6/1986	1
9	81-05	ddh	36314.35	20987.05	4005.80	252.00	11	22	10	29/ 6/1986	1
10	74-21	ddh	36315.62	21127.34	4014.00	250.00	11	27	15	29/ 6/1986	1
11	81-06	ddh	36314.35	21276.68	4010.50	273.00	12	17	7	29/ 6/1986	1
12	81-07	ddh	36321.91	21418.88	4009.80	190.00	8	13	8	29/ 6/1986	1
13	66E-03	ddh	36257.99	21784.74	4016.00	200.00	5	2	2	29/ 6/1986	1
14	72-11	ddh	36370.42	22281.41	4060.00	287.00	11	3	3	29/ 6/1986	1
15	66E-08	ddh	36126.47	21244.51	4012.00	370.40	17	2	2	29/ 6/1986	1
16	66E-02	ddh	36156.66	21566.17	4009.00	423.00	14	2	2	29/ 6/1986	1
17	65-55	ddh	36117.70	21103.79	4009.40	233.00	10	4	4	29/ 6/1986	1
18	82F-24	ddh	35986.75	20684.76	4007.40	127.00	5	17	11	29/ 6/1986	1
19	72-12	ddh	36641.38	21048.78	4018.00	392.90	18	8	8	29/ 6/1986	1
20	74-19	ddh	36531.57	21249.95	4016.40	372.90	17	17	8	29/ 6/1986	1
21	81-01	ddh	36602.28	21410.04	4002.90	320.00	15	22	12	29/ 6/1986	1
22	74-11	ddh	36566.29	21570.91	4017.90	300.00	13	28	11	29/ 6/1986	1
23	81-20	ddh	36605.89	21602.30	4017.90	421.00	19	42	14	29/ 6/1986	1
24	75-04	ddh	36606.80	21699.67	4018.40	482.00	22	39	18	29/ 6/1986	1
25	81-16	ddh	36592.52	21772.36	4013.10	517.80	24	56	19	29/ 6/1986	1
26	77-11	ddh	36569.05	21842.65	4021.90	299.90	13	4	4	29/ 6/1986	1
27	456-15	ddh	36743.07	20132.94	4018.00	820.30	34	19	13	29/ 6/1986	1
28	82F-15	ddh	36743.07	20551.69	4025.60	739.80	34	26	15	29/ 6/1986	1

PRINTOUT OF COMPOSITE INFORMATION FOR BOREHOLE RECORD [163]

COMPOSITE PRINTOUT FOR RECORD [163]

BOREHOLE NAME : 74-01 BOREHOLE TYPE : ddh

BOREHOLE NORTHING : 38439.63 BOREHOLE EASTING : 22552.44

COLLAR ELEVATION : 4112.80 BOREHOLE LENGTH : 522.90

****

COMPOSITE DESCRIPTION : FARO FI MODEL BENCH-TYPE COMPOSITES

BENCH COMPOSITE

BACKGROUND VALUES USED FOR COMPOSITE CALCULATION
NUMBER OF COMPOSITES : 22

COMP	COMPOSITE TOP		COMPOSITE BOTTOM		%Pb+Zn		%Pb		%Zn		Ag g/t		Au g/t	
	FROM	ELEV	TO	ELEV	LENGTH	VALUE	LENGTH	VALUE	LENGTH	VALUE	LENGTH	VALUE	LENGTH	VALUE
1	.00	4112.80	2.85	4109.95	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
2	2.85	4109.95	42.86	4069.97	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
3	42.86	4069.97	82.93	4029.94	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
4	82.93	4029.94	122.95	3989.95	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
5	122.95	3989.95	162.96	3949.97	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
6	162.96	3949.97	203.03	3909.94	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
7	203.03	3909.94	223.08	3889.90	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
8	223.08	3889.90	243.08	3869.92	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
9	243.08	3869.92	263.13	3849.89	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
10	263.13	3849.89	283.15	3829.88	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
11	283.15	3829.88	303.18	3809.87	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
12	303.18	3809.87	323.20	3789.88	9.20	3.080	9.20	1.890	9.20	5.020	9.20	37.000	9.20	-1.000
13	323.20	3789.88	343.25	3769.89	5.80	3.080	5.80	5.660	5.80	2.820	5.80	65.000	5.80	-1.000
14	343.25	3769.89	363.30	3749.90	5.30	3.320	5.30	1.910	5.30	.830	5.30	24.000	5.30	-1.000
15	363.30	3749.90	383.43	3729.84	14.70	3.410	14.70	1.580	14.70	2.390	14.70	20.000	14.70	-1.000
16	383.43	3729.84	403.48	3709.88	12.40	3.300	12.40	3.230	12.40	7.570	12.40	30.000	12.40	-1.000
17	403.48	3709.88	423.60	3689.85	20.00	3.280	20.00	2.870	20.00	6.870	20.00	29.000	20.00	-1.000
18	423.60	3689.85	443.65	3669.90	20.00	3.330	20.00	1.330	20.00	3.890	20.00	19.000	20.00	-1.000
19	443.65	3669.90	463.77	3649.87	20.00	3.190	20.00	.580	20.00	1.750	20.00	16.000	20.00	-1.000
20	463.77	3649.87	483.90	3629.84	20.00	3.830	20.00	2.230	20.00	5.300	20.00	20.000	20.00	-1.000
21	483.90	3629.84	503.95	3609.90	7.10	3.560	7.10	3.290	7.10	7.350	7.10	31.000	7.10	-1.000
22	503.95	3609.90	522.90	3591.07	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000	.00	-1.000
TOTAL SAMPLED LENGTH :					134.50		134.50		134.50		134.50		134.50	
TOTAL COMPOSITE LENGTH :					522.90		522.90		522.90		522.90		522.90	
COMPOSITE AVERAGE VALUE :						.000		.000		.000		.000		.000
COMPOSITE LENGTH*AVERAGE :						.000		.000		.000		.000		.000

86-08

Model Rock Code	Rock Type
1	undifferentiated sulphide
2	2A RIBBON BANDED GRAPHITIC QUARTZITE
3	2BCD PYRITIC QUARTZITES
4	2CE SEMI MASSIVE SULPHIDES
5	2EF PYRITIC MASSIVE SULPHIDES
6	2GE BARITIC MASSIVE SULPHIDES
7	2HE PYRRHOTITIC MASSIVE SULPHIDES
8	WASTE - SCHIST
9	WASTE - CALC-SILICATE
10	WASTE - CALC-SILICATE BRECCIA
11	WASTE - INTRUSIVES
12	WASTE - ALTERED SCHIST
13	OVERBURDEN
14	WASTE - GRAPH

ROW ASSIGNMENTS FOR F8608 MODEL

Row	Section Loaded	Section code	Polygon File	digitized	banded
41	117+000	117	.MP2	✓	✓
42	117+035	117A	.MP3	✓	
43	117+070	117B	.MP2	✓	✓
44	117+105	117C	.MP3	✓	✓
45	118+000	118	.MP2	✓	✓
46	118+000	118	.MP2	✓	✓
47	118+070	118B	.MP2	✓	✓
48	118+070	118B	.MP2	✓	✓
49	119+000	119	.MP2	✓	✓
50	119+000	119	.MP2	✓	✓
51	119+070	119B	.MP2	✓	✓
52	119+070	119B	.MP2	✓	✓
53	120+000	120	.MP3	✓	✓
54	120+000	120	.MP3	✓	✓
55	120+070	120B	.MP2	✓	✓
56	120+070	120B	.MP2	✓	✓
57	121+000	121	.MP3	✓	✓
58	121+000	121	.MP3	✓	✓
59	121+070	121B	.MP3	✓	✓
60	121+070	121B	.MP3	✓	✓
61	122+020	122	.MP3	✓	✓
62	122+020	122	.MP3	✓	✓
63	122+090	122B	.MP3	✓	✓
64	122+090	122B	.MP3	✓	✓
65	123+015	123	.MP3	✓	✓
66	123+015	123	.MP3	✓	✓
67	123+090	123B	.MP4	✓	✓
68	123+090	123B	.MP4	✓	✓
69	124+020	124	.MP4	✓	✓
70	124+022	124	.MP4	✓	✓
71	124+022	124	.MP4	✓	✓
72					
73					
74					
75					
76					
77					
78					
79					

2 = 2A 3 = 2BCD 4 = 2CE 5 = 2F 6 = 2EG "G" 7 = 2EH "H"

Use Type	2 digit Hundredth	1 digit Code	
A	11	2	"A"
AB	12	2	"A"
AC	13	2	"A"
AD	14	2	"A"
AE	15	2	"A"
AF	16	2	"A"
AG	17	2	"A"
AH	18	2	"A"
BA	21	2	"A"
B	22	3	"BCD"
BC	23	3	"BCD"
BD	24	3	"BCD"
BE	25	4	"CE"
BF	26	4	"CE"
BG	27	6	"EG"
BH	28	7	"EH"
CA	31	2	"A"
CB	32	3	"BCD"
C	33	3	"BCD"
CD	34	3	"BCD"
CE	35	4	"CE"
CF	36	4	"CE"
CG	37	6	"EG"
CH	38	7	"EH"
DA	41	2	"A"
DB	42	3	"BCD"
DC	43	3	"BCD"
D	44	3	"BCD"
DE	45	4	"CE"
DF	46	4	"CE"
DG	47	6	"EG"
DH	48	7	"EH"
EA	51	5	"EF"
EB	52	4	"CE"
EC	53	4	"CE"
ED	54	4	"CE"
E	55	5	"EF"
EF	56	5	"EF"
EG	57	6	"EG"
EH	58	7	"EH"
FA	61	5	"EF"
FB	62	4	"CE"
FC	63	4	"CE"
FD	64	4	"CE"
FE	65	5	"EF"
F	66	5	"EF"
FG	67	6	"EG"
FH	68	7	"EH"
GA	71	6	"EG"
GB	72	6	"EG"
GC	73	6	"EG"
GD	74	6	"EG"
GE	75	6	"EG"
GF	76	6	"EG"
G	77	6	"EG"
GH	78	6	"EG"
HA	81	7	"EH"
HB	82	7	"EH"
HC	83	7	"EH"
HD	84	7	"EH"
HE	85	7	"EH"
HF	86	7	"EH"
HG	87	7	"EH"
H	88	7	"EH"

Mpack.MP2 and .MP3 ✓

B:XLOAD.BAT will do this & print x sectors

from file .MP3

row		
✓ 42	117A	117+035
✓ 44	117C	117+105
✓ 53	120	120+000
✓ 54	120	120+030
✓ 57	121	121+000
✓ 58	121	121+000
✓ 59	121B	121+070
✓ 60	121B	121+070
✓ 61	122	122+020
✓ 62	122	122+020
✓ 63	122B	122+090
✓ 64	122B	122+090
✓ 65	123	123+015
✓ 66	123	123+015

Batch file made LOADGEO1.BAT run when MP3 is renamed MPL

REN C:PCMAINE.MPL C:PCMINE.MP
REN C:PCMAINE.MP2 C:PCMINE.MI

from file .MP2

41	117	117+000
43	117B	117+035
45	118	118+000
46	118	118+000
47	118B	118+070
48	118B	118+070
49	119	119+000
50	119	119+000
51	119B	119+070
52	119B	119+070
55	120B	120+070
56	120B	120+070

Batch file made LOADGEO2.BAT run when MP2 is renamed MPL

✓ add racks

✓ 42	117A
✓ 44	117C
✓ 53	120
✓ 54	120
~~55~~	~~120B~~
~~56~~	~~120B~~
✓ 57	121
✓ 58	121
59	121B
60	121B
✓ 61	122
✓ 62	122

all undone.

Racks

✓ 1	md, ff
✓ 2	2A
✓ 3	2BCD
✓ 4	2CE
✓ 5	2EF
✓ 6	2GE
✓ 7	2HE
✓ 8	Schist
✓ 9	Calc Si
✓ 10	Calc Si Bxq
✓ 11	Intrusives
✓ 12	Altd schist
✓ 13	OVBdy
✓ 14	graph phy < 30

MOD32

1

row #

N

SET MODEL TO WASTE (8)

8

1

-99

1

2 row #

run INITM.EXE ✓

FIX.EXE

{2 ~~3~~ 6}

Big Birds Statistics on Faro
via Lisa on DDHDB

	no q/o				4% q/o			
2A	= 2.876	1.79 4.15	.243		2.958	2.19 4.15	.281	
2B	= 3.001	2.50 4.80	.334		3.15	2.71 4.76	.353	
2C	= 3.484	2.41 4.80	.469		3.437	2.85 4.45	0.537	
2D	3.394	2.62 4.73	0.407		3.402	2.62 4.73	0.404	
2E	4.362	2.94 5.35	0.382		4.397	3.02 5.35	0.376	
2F	4.425	3.10 5.78	0.419		4.425	3.10 5.78	0.422	
2G	4.492	3.20 4.89	0.259	# → d.Ho.				
2H	4.197	2.85 5.11	0.318		4.208	2.85 5.11	0.306	

SG's For

	PIC	RST
2A >4%	3.19	2.96
2BCD >4%	3.48	$(n_1 \times 3.15) + (n_2 \times 3.44) + (n_3 \times 3.40) / (n_1 + n_2 + n_3) \approx 3.$
2CE >4%	3.77	
2EF >4%	4.33	$n_1 4.40 + n_2 4.43 / n_1 + n_2 \approx 4.42$
2H >4%	4.02	4.21
2G >4%	4.44	4.49

~~from FI borehole data~~ (all grades)

2A	3.07
2BCD	3.35
2CE	3.90
2EF	4.19
2GE	4.37
2HE	4.07

from FI composites (all grades)

	$\bar{m}$	PIC >4%	RST >4%
2A	3.04	3.19	2.96
2BCD	3.33	3.48	~3.42
2CE	3.86	3.77	—
2EF	4.16	4.33	4.42
2GE	4.38	4.44	4.49
2HE	4.09	4.02	4.21

redrad by 5% or 10%

Values used

	GV	reduced	
2A	3.07	2.92	0.0427
2BCD	3.35	3.18	0.0901
2CE	3.90	3.51	0.0994
2EF	4.19	3.77	0.1068
2GE	4.38	3.94	0.1116
2HE	4.07	3.66	0.1036
Waste	2.70	2.70	0.0765

$.02831852 * SG$

$\frac{1}{35.31258} * SG = \frac{\text{TONNES}}{\text{BCF}}$

$SG = \frac{\text{TONNES}}{35.31258\ \text{BCF}}$

$SG = \frac{\text{TONNES}}{1.307873 * 27\ \text{BCF}}$

$SG * 1.307873 = \frac{\text{TONNES}}{\text{BCY}} = \frac{\text{TONNES}}{27\ \text{BCF}}$

SG

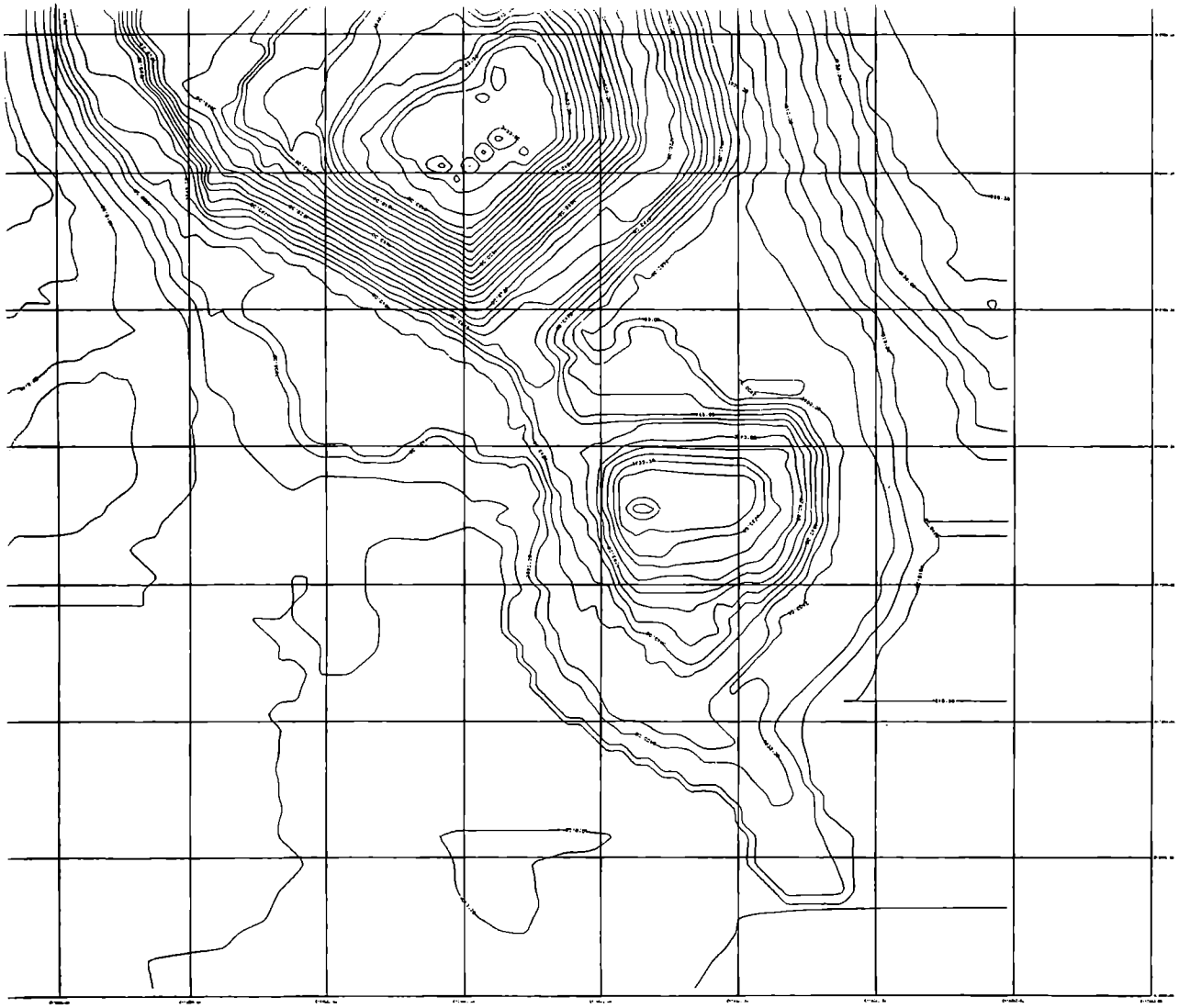
$SG = \frac{\text{TONNES}}{\text{BCM}} = \frac{\text{TONNES}}{1.307873\ \text{BCY}}$

$\frac{SG * .7646}{27}$

$SG \rightarrow \text{TONNES/BCF}$

To conv
2A ÷ 2BCD
data → Tonnes/BCF
with -5% reduction
mult by **0.026903**

to conv other ords with
~~all~~ 10% red.
0.0254867



Curragh Resources

FARO DEPOSIT

FI COMPUTER MODEL

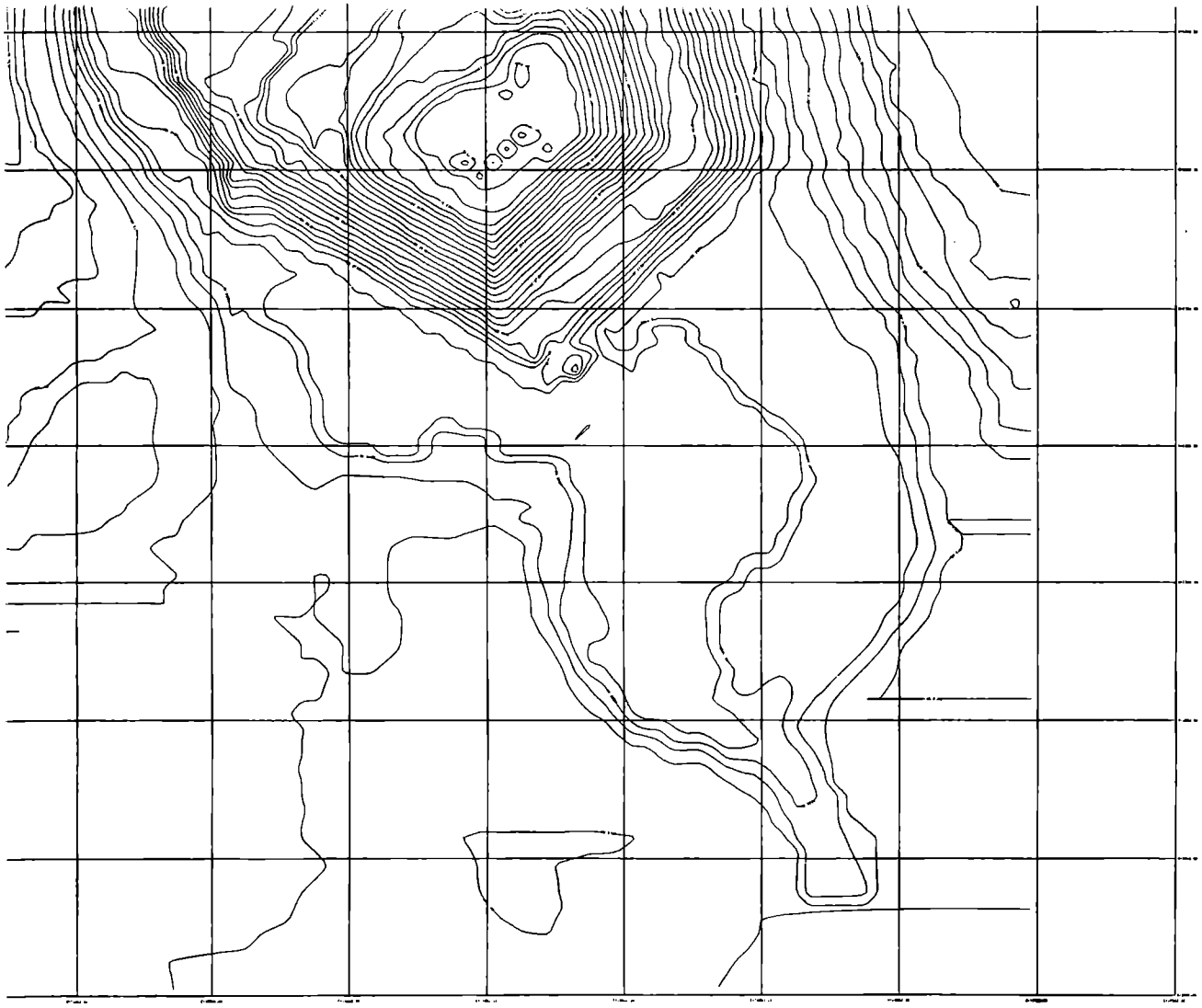
Grid record 20

JB Phase

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 SCALE 1: 5000



Curragh Resources

FARO DEPOSIT

FI MODEL

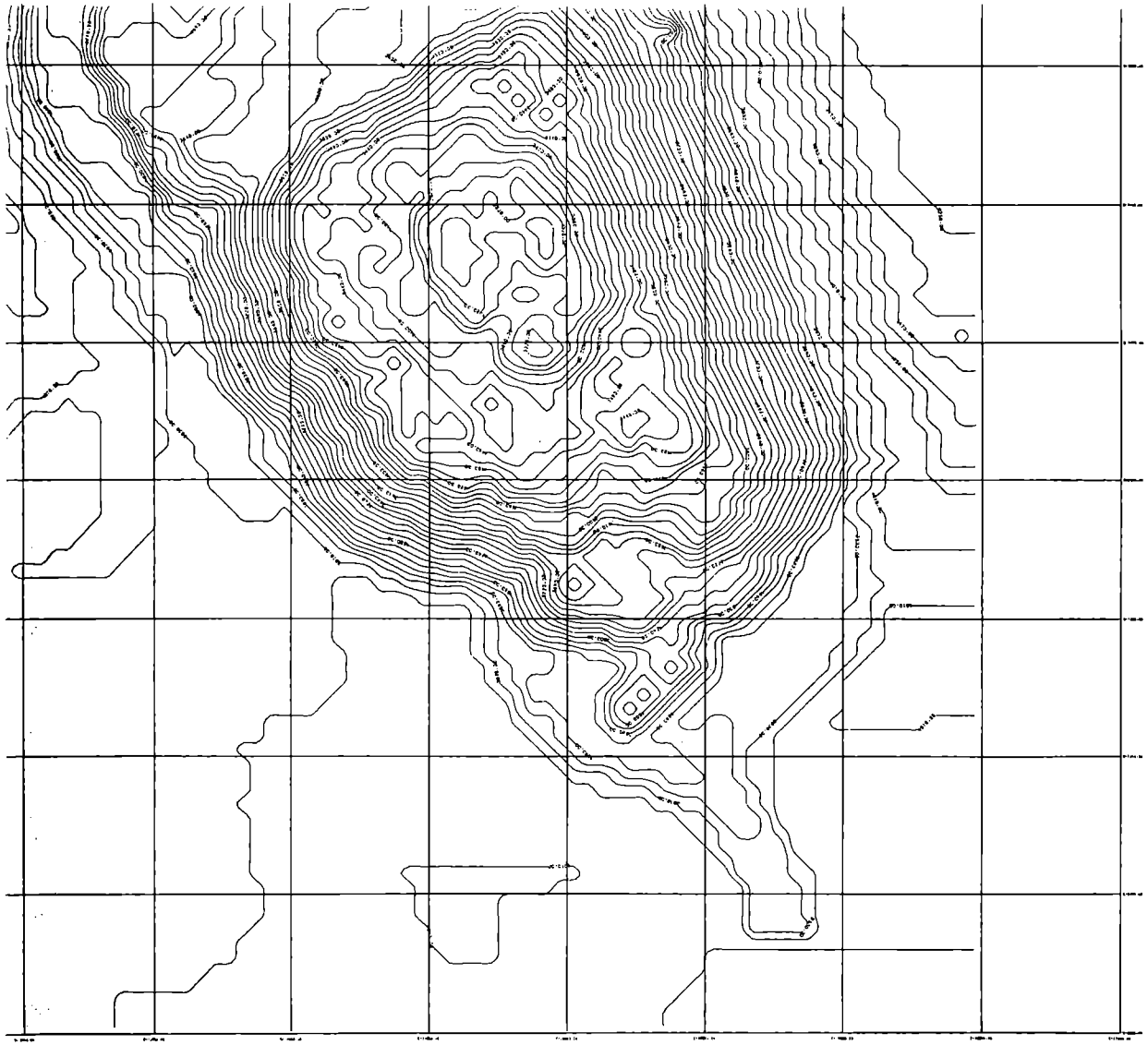
Grid record 17

AY Phase Pit

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 SCALE 1: 5000



Curragh Resources

FARO DEPOSIT

FI COMPUTER MODEL

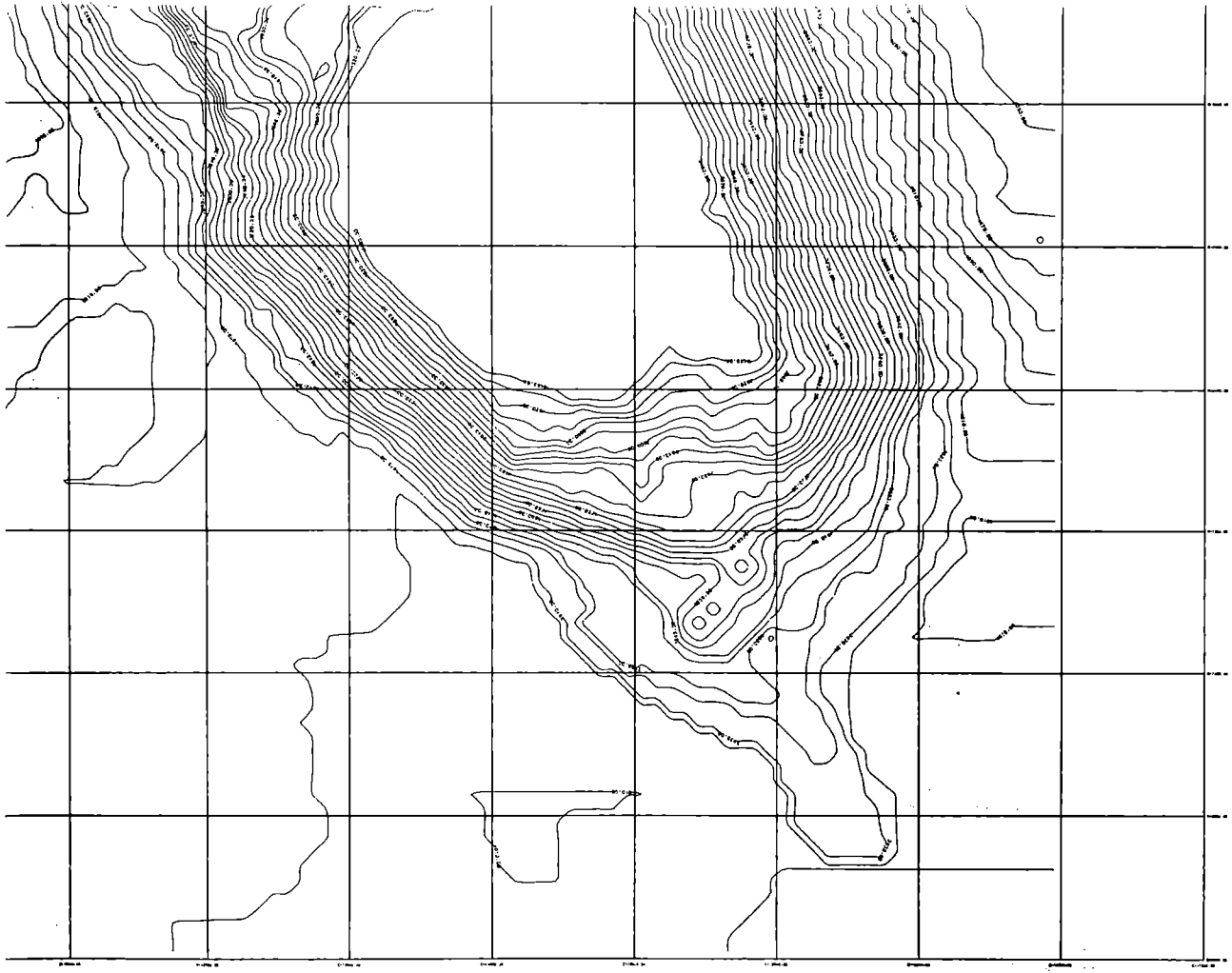
Grid record 2

$5/mt Economic pit limits (no

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 SCALE 1: 5000



Curragh Resources

FARO DEPOSIT

FI COMPUTER MODEL

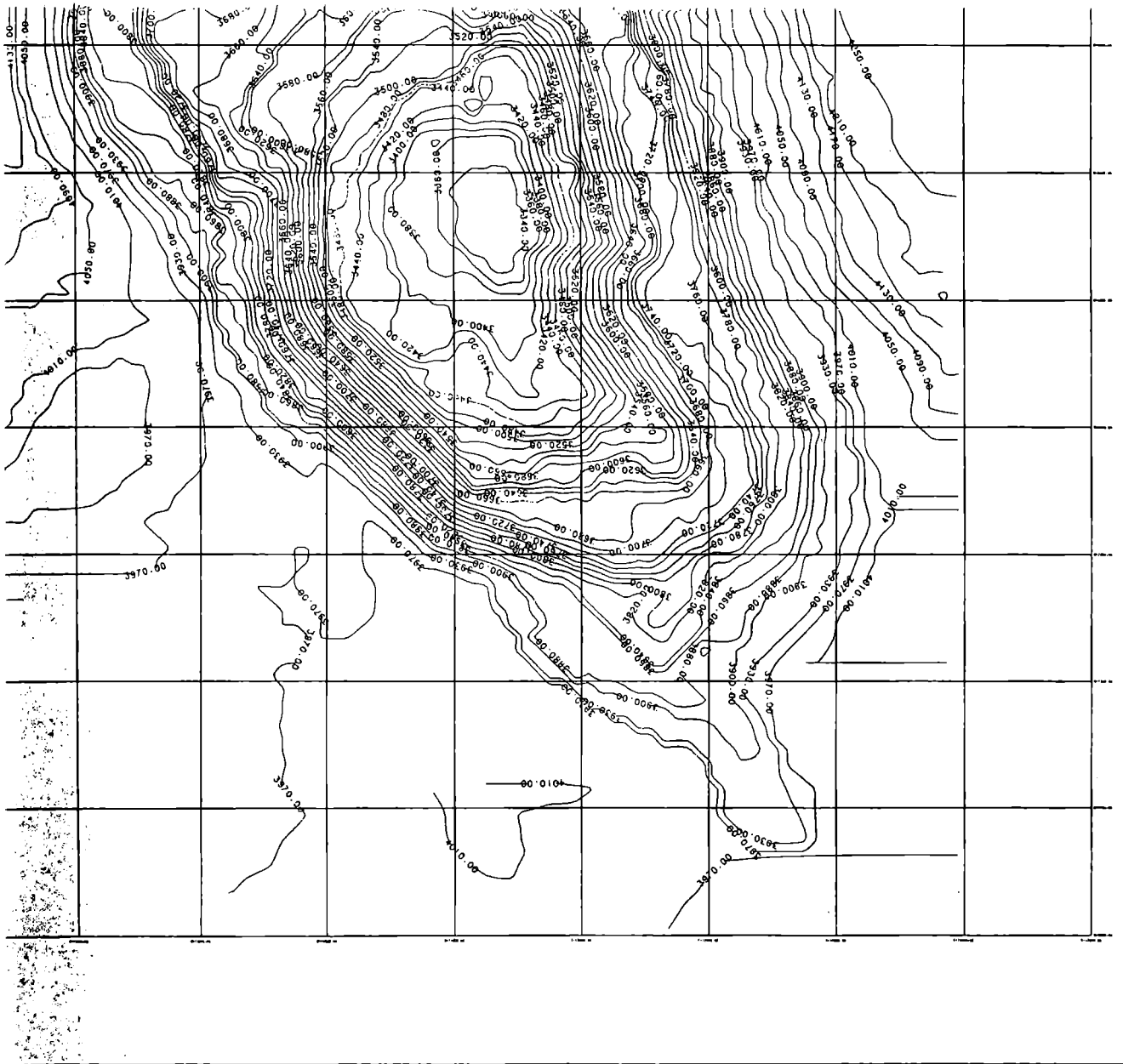
Grid record 25

Five Dollar Pit with AY, BY, C

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 SCALE 1: 5000



Curragh Resources

FARO DEPOSIT

FI COMPUTER MODEL

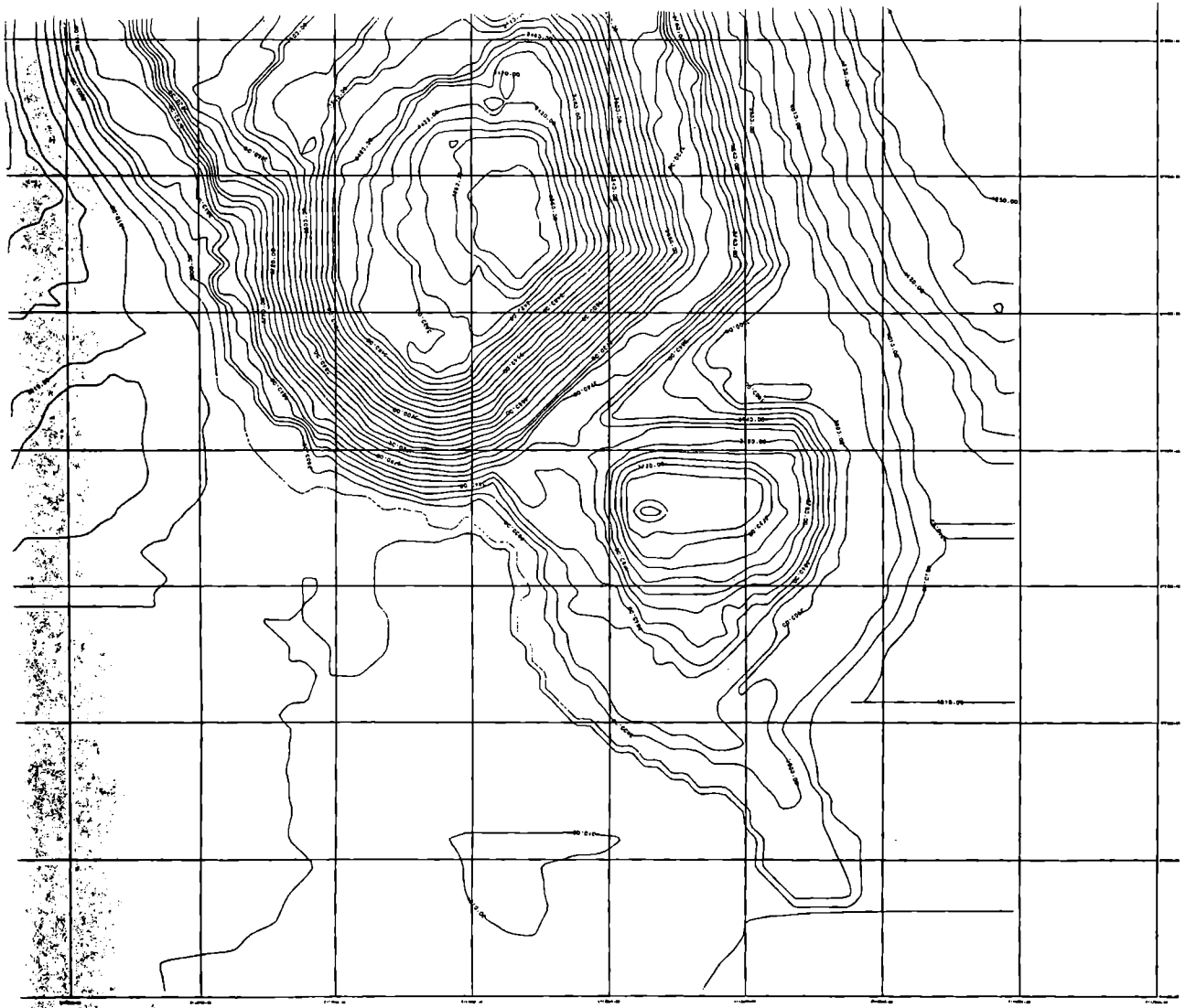
Grid record 24

CY Phase -- to AY, BY, and JB

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 SCALE 1: 5000



Curragh Resources

FARO DEPOSIT

FI COMPUTER MODEL

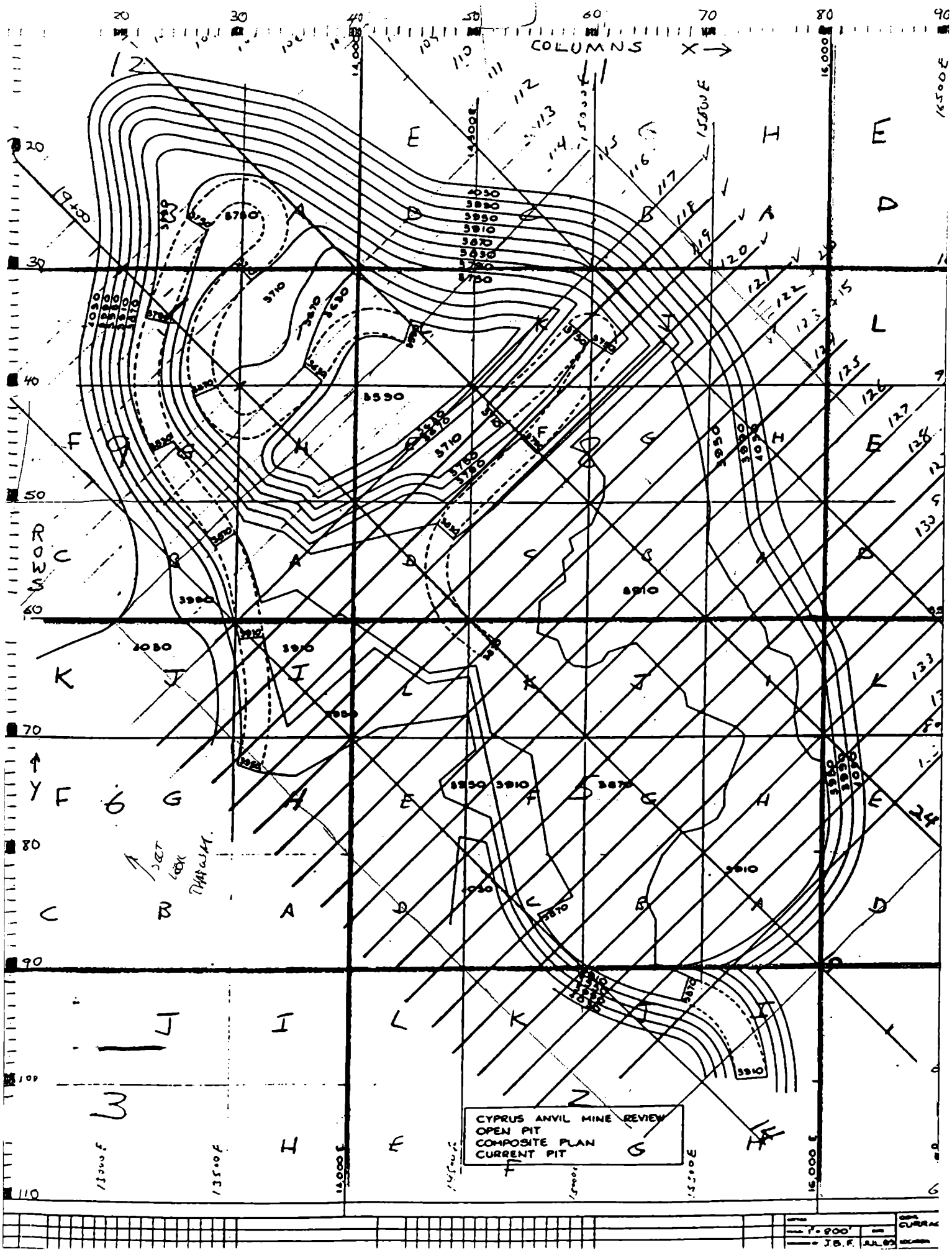
Grid record 22

BY Phase Pit, includes JB and

PLOTTED BY PC-MINE VERSION 1.10

Faro Deposit (FI Model Data)

DATE : 24/11/1987 . SCALE 1: 5000


COLUMNS X →
ROWS Y ↓
CYPRUS ANVIL MINE REVIEW
OPEN PIT
COMPOSITE PLAN
CURRENT PIT
SET LOOK THATAWAY.

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

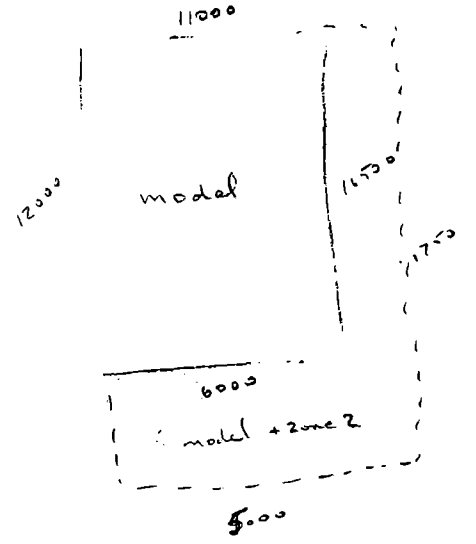
PRINTOUT OF PROPERTY INFORMATION

Model description (max 64 characters) :	FARO DEPOSIT (FI MODEL DATA)
Easting co-ordinate of model bottom left hand corner :	12000.00
Northing co-ordinate of model bottom left hand corner :	6000.00
Easting co-ordinate of model top right hand corner :	16500.00
Northing co-ordinate of model top right hand corner :	11000.00
Datum elevation of top of model :	4270.00
Number of columns in model (max 128) :	90
Number of rows in model (max 128) :	100
Width of columns :	50.00
Width of rows :	50.00

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 $



SURFACE ELEVATION GRID MODEL

SUMMARY PRINTOUT

FROM RECORD [1] TO RECORD [65]

RECORD	STATUS	TYPE	DESCRIPTION	DATE
1	1	USER	FARO PIT SURFACE AT START-UP OF MINING	27/ 6/1986
2	1	USER	$5/MT ECONOMIC PIT LIMITS (N/R) / JAN '86 EVALUATION	28/ 6/1986
3	1	USER	$5/MT ECONOMIC PIT (WITH RAMP ALLOWANCES) / JAN '86 EVALUATION	28/ 6/1986
4	1	USER	$10/MT ECONOMIC PIT LIMITS (N/R) / JAN '86 EVALUATION	28/ 6/1986
5	1	INV DS	TOP OF MODEL GRID	28/ 6/1986
6	*	...	..... **/**/4270	
7	1	INV DS	top of model	12/ 8/1986
8	1	INV DS	Phase AY from digitized data	12/ 8/1986
9	1	B TO T	Phase AY pit	12/ 8/1986
10	1		Faro pit, phase AY	12/ 8/1986
11	1	INV DS	Faro AY Phase, grid generation	13/ 8/1986
12	1		AY digitized surface added to initial surface	13/ 8/1986
13	1	B TO T	AY Phase Pit	13/ 8/1986
14	1	INV DS	AY generated surface	13/ 8/1986
15	1		Generated AY with original surface	13/ 8/1986
16	1		AY generated surface plus original ground	13/ 8/1986
17	1	B TO T	AY Phase pit	13/ 8/1986
18	1	INV DS	JB Generated surface	13/ 8/1986
19	1		JB Second Generation	13/ 8/1986
20	1	B TO T	JB Phase	13/ 8/1986
21	1	INV DS	BY Generated Pit	14/ 8/1986
22	1		BY phase pit, includes JB and AY	14/ 8/1986
23	1	INV DS	CY phase generated surface	14/ 8/1986
24	1		CY Phase -- to AY, BY, and JB phases	14/ 8/1986
25	1		Five Dollar Pit with AY, BY, CY, JB Phases	15/ 8/1986
26	1	INV DS	AZ Pit first generation (inverse distance)	16/10/1986
27	1		AZ Phase first generation added to orig topography	16/10/1986
28	1	INV DS	BZ first generation	16/10/1986
29	1		BZ1 second generation (added to AZ)	16/10/1986
30	1	INV DS	BZ1A Phase first generation	16/10/1986
31	1		BZ1A second generation added to AZ	16/10/1986
32	1	B TO T	BZ1A third generation pit	16/10/1986
33	1	INV DS	BZ2 First generation	16/10/1986
34	1		BZ2 second generation includes BZ1A	16/10/1986
35	1	INV DS	BZ2 first generation (again)	16/10/1986
36	1		BZ2 second generation (again) added to BZ1	16/10/1986
37	1	B TO T	BZ2 third generation, includes BZ1	16/10/1986
38	1	INV DS	BZ2 first gen (again 2)	16/10/1986
39	1		BZ2 second gen (again 2)	16/10/1986
40	1	B TO T	BZ2 Third generation (again)	16/10/1986

SURFACE ELEVATION GRID MODEL

SUMMARY PRINTOUT

FROM RECORD [1] TO RECORD [65]

RECORD	STATUS	TYPE	DESCRIPTION	DATE
41	1	INV DS	BX first generation	17/10/1986
42	1		BX Phase pit against AZ	17/10/1986
43	1	INV DS	BX first generation (again)	17/10/1986
44	1		BX second generation, added to AZ	17/10/1986
45	1	B TO T	BX third gen, base at 3390	17/10/1986
46	1	B TO T	BX pit, reference to AZ, elev 3350	17/10/1986
47	1	INV DS	AZL first generation	20/10/1986
48	1		AZL phase pit, referenced to orig topography	20/10/1986
49	1	INV DS	AZL first generation (again)	20/10/1986
50	1		AZL Phase (again)	20/10/1986
51	1	B TO T	AZL phase pit, bottom at 3430, ref to orig topography	20/10/1986
52	1	INV DS	azl first generation, third try	20/10/1986
53	1		AZL second generation, third try	20/10/1986
54	1	B TO T	AZL phase pit, referenced to orig topography	20/10/1986
55	1	INV DS	bzl first generation	20/10/1986
56	1		BZL second generation	20/10/1986
57	1	B TO T	BZL pahse pit, referenced to AZL	20/10/1986
58	1	INV DS	AYS first generation	20/10/1986
59	1		AYS second generation	20/10/1986
60	1	B TO T	AYS phase pit, referenced to original topography	20/10/1986
61	1	INV DS	AYM phase pit, first generation	20/10/1986
62	1		AYM Phase pit, second generation	20/10/1986
63	1	B TO T	AYM Phase pit	20/10/1986
64	1	INV DS	BYS phase, first generation	20/10/1986
65	1		BYS Phase, second generation	20/10/1986