

VANGORDA

017643

8607 MODEL

WILSON JONES
DIVISION

PRINTOUT OF PROPERTY INFORMATION

Model description (max 64 characters) :	Vangorda 8607 Geological Model
Easting co-ordinate of model bottom left hand corner :	9797.50
Northing co-ordinate of model bottom left hand corner :	9410.00
Easting co-ordinate of model top right hand corner :	10247.50
Northing co-ordinate of model top right hand corner :	10640.00
Datum elevation of top of model :	1209.50
Number of columns in model (max 128) :	100
Number of rows in model (max 128) :	123
Width of columns :	4.50
Width of rows :	10.00
Number of labels : 5 ; %Pb+Zn ; %Pb ; %Zn ; Ag g/t ; Au g/t	

Current units are :

Linear : m
Area : m**2
Volumetric : bcm
Density : tn/bcm
Monetary : CDN \$

PRINTOUT OF PROPERTY INFORMATION

BENCH	HEIGHT [m]	CREST ELEVATION [m]	TOE ELEVATION [m]	CREST DEPTH [m]	TOE DEPTH [m]
1	4.50	1209.50	1205.00	.00	4.50
2	4.50	1205.00	1200.50	4.50	9.00
3	4.50	1200.50	1196.00	9.00	13.50
4	4.50	1196.00	1191.50	13.50	18.00
5	4.50	1191.50	1187.00	18.00	22.50
6	4.50	1187.00	1182.50	22.50	27.00
7	4.50	1182.50	1178.00	27.00	31.50
8	4.50	1178.00	1173.50	31.50	36.00
9	4.50	1173.50	1169.00	36.00	40.50
10	4.50	1169.00	1164.50	40.50	45.00
11	4.50	1164.50	1160.00	45.00	49.50
12	4.50	1160.00	1155.50	49.50	54.00
13	4.50	1155.50	1151.00	54.00	58.50
14	4.50	1151.00	1146.50	58.50	63.00
15	4.50	1146.50	1142.00	63.00	67.50
16	4.50	1142.00	1137.50	67.50	72.00
17	4.50	1137.50	1133.00	72.00	76.50
18	4.50	1133.00	1128.50	76.50	81.00
19	4.50	1128.50	1124.00	81.00	85.50
20	4.50	1124.00	1119.50	85.50	90.00
21	4.50	1119.50	1115.00	90.00	94.50
22	4.50	1115.00	1110.50	94.50	99.00
23	4.50	1110.50	1106.00	99.00	103.50
24	4.50	1106.00	1101.50	103.50	108.00
25	4.50	1101.50	1097.00	108.00	112.50
26	4.50	1097.00	1092.50	112.50	117.00
27	4.50	1092.50	1088.00	117.00	121.50
28	4.50	1088.00	1083.50	121.50	126.00
29	4.50	1083.50	1079.00	126.00	130.50
30	4.50	1079.00	1074.50	130.50	135.00
31	4.50	1074.50	1070.00	135.00	139.50
32	4.50	1070.00	1065.50	139.50	144.00
33	4.50	1065.50	1061.00	144.00	148.50
34	4.50	1061.00	1056.50	148.50	153.00
35	4.50	1056.50	1052.00	153.00	157.50
36	4.50	1052.00	1047.50	157.50	162.00
37	4.50	1047.50	1043.00	162.00	166.50
38	4.50	1043.00	1038.50	166.50	171.00

40	4.50	1034.00	1029.50	175.50	180.00
41	4.50	1029.50	1025.00	180.00	184.50
42	4.50	1025.00	1020.50	184.50	189.00
43	4.50	1020.50	1016.00	189.00	193.50
44	4.50	1016.00	1011.50	193.50	198.00
45	4.50	1011.50	1007.00	198.00	202.50

PC-MINE VERSION 1.10
SERIAL NO : 20320
18/ 8/1988

Curragh Resources
Vangorda 8607 Geological Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 4.09
PAGE 1

SURFACE ELEVATION GRID MODEL

SUMMARY PRINTOUT

FROM RECORD [1] TO RECORD [14]

RECORD	STATUS	TYPE	DESCRIPTION	DATE
1	1	INV DS	V1-Vangorda 1979 Orthophoto Surface Topography (PCMINE)	1/ 1/1980
2	1	INV DS	V2-Top of Model grid (all points at 1209.0 elevation)	1/ 1/1980
3	1	B TO T	V3-Kevin Atherton's VP1-1 Ultimate Pit	16/11/1986
4	1		V4-Overburden/bedrock surface (PCMINE rock model from x-sections)	20/ 5/1987
5	1	USER	V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)	22/ 7/1987
6	1	USER	V6-Vangorda Overburden/bedrock surface (POLYSECT)	27/ 7/1987
7	1		V7-Vangorda overburden thickness (V5 - V6)	27/ 7/1987
8	1		V8-Overburden/bedrock surface within pit (max. of V3 and V6)	27/ 7/1987
9	1		V9-Overburden thickness in pit (V5 - V8)	29/ 7/1987
10	1	USER	Pit if Vangorda Creek not diverted (POLYSECT-bkgd elev 3000)	6/ 8/1987
11	1		V10-Pit if Vangorda Creek not diverted (POLYSECT)	6/ 8/1987
12	1	USER	ION VINTILLA'S ULTIMATE PIT	10/12/1987
13	1	USER	Ion Vintila	18/ 8/1988
14	1		Ion Vintila's Final Pit Design (Union #5 & #13)	18/ 8/1988

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
1	PARTIALLY ABOVE TOPO FOR 2W	12.00	29	2W	1/ 1/1980	1	24817.9
2	OVERBURDEN FOR 2W	11.00	50	2W	1/ 1/1980	1	4890.3
3	4A (CODE 1) FOR 2W	1.00	64	2W	1/ 1/1980	1	723.4
4	4EG (CODE 5) FOR 2W, FIRST AREA	5.00	70	2W	1/ 1/1980	1	164.5
5	4EC (CODE 3) FOR 2W	3.00	51	2W	1/ 1/1980	1	419.2
6	4EG (CODE 5) FOR 2W, SECOND-LOWER-AREA	5.00	18	2W	1/ 1/1980	1	87.7
7	PARTIALLY ABOVE TOPO FOR OE	12.00	51	OE	1/ 1/1980	1	25545.3
8	OVERBURDEN FOR OE NORTH OF CK	11.00	55	OE	1/ 1/1980	1	2147.5
9	OVERBURDEN FOR OE AREA SOUTH OF CK	11.00	22	OE	1/ 1/1980	1	704.4
10	4A FOR OE UPPER PART	1.00	140	OE	1/ 1/1980	1	2048.5
11	4A FOR OE - LOWER PART	1.00	97	OE	1/ 1/1980	1	585.2
12	4G FOR OE - HIGHEST PART	5.00	34	OE	1/ 1/1980	1	126.0
13	4EG FOR OE - MAIN PART	5.00	199	OE	1/ 1/1980	1	1726.3
14	4H FOR OE - LOAD AFTER MAIN 4G	6.00	75	OE	1/ 1/1980	1	140.7
15	4E FOR OE - SMALL UPPER INFOLD	4.00	25	OE	1/ 1/1980	1	62.6
16	4EC FOR OE - SW PART	3.00	34	OE	1/ 1/1980	1	590.5
17	4EC FOR OE - NE PART	3.00	23	OE	1/ 1/1980	1	145.0
18	4C FOR OE	2.00	44	OE	1/ 1/1980	1	408.9
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	12.00	43	2E	1/ 1/1980	1	27502.2
20	OVERBURDEN FOR 2E	11.00	92	2E	1/ 1/1980	1	6752.4
21	4A FOR 2E - UPPER PART	1.00	170	2E	1/ 1/1980	1	2948.2
22	4A FOR OE - LOWER PART	1.00	109	2E	1/ 1/1980	1	1191.6
23	4A FOR 2E - SMALL SW BODY	1.00	57	2E	1/ 1/1980	1	431.9
24	4EG FOR 2E - UPPER PART	5.00	232	2E	1/ 1/1980	1	2414.0
25	4EG FOR 2E - LOWER PART	5.00	93	2E	1/ 1/1980	1	974.5
26	4H FOR 2E	6.00	15	2E	1/ 1/1980	1	70.7
27	4EC FOR 2E	3.00	47	2E	1/ 1/1980	1	488.2
28	4C FOR 2E	2.00	96	2E	1/ 1/1980	1	1316.5
29	QUARTZ VEIN	10.00	14	2E	1/ 1/1980	1	16.4
30	PARTIALLY ABOVE TOPOGRAPHY FOR 4E	12.00	43	4E	1/ 1/1980	1	27600.0
31	OVERBURDEN FOR 4E	11.00	61	4E	1/ 1/1980	1	8294.7
32	4A FOR 4E - TOP PART NE OF OOO	1.00	34	4E	1/ 1/1980	1	848.8
33	4A FOR 4E - TOP PART BETWEEN OOO'S	1.00	24	4E	1/ 1/1980	1	104.0
34	4A FOR 4E - TOP PART SW OF ALL OOO	1.00	15	4E	1/ 1/1980	1	118.0
35	4A FOR 4E - BETWEEN THE 4EG'S	1.00	68	4E	1/ 1/1980	1	467.3
36	4A FOR 4E - NE PART BETWEEN FAULTS	1.00	116	4E	1/ 1/1980	1	905.2
37	4S FOR 4E	2.00	155	4E	1/ 1/1980	1	3544.6
38	4EC FOR 4E	3.00	150	4E	1/ 1/1980	1	796.3
39	4EG FOR 4E - UPPER PART NE OF OOO	5.00	88	4E	1/ 1/1980	1	1021.9
40	4EG FOR 4E - LOWER PART	5.00	154	4E	1/ 1/1980	1	1944.8

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
41	4EG FOR 4E - SMALL FOD LOAD AFTER 4A	5.00	12	4E	1/ 1/1980	1	14.1
42	4EG FOR 4E - BETWEEN OGD'S	5.00	6	4E	1/ 1/1980	1	25.2
43	4EG FOR 4E - SW OF OGD	5.00	14	4E	1/ 1/1980	1	209.0
44	4H FOR 4E - BETWEEN OGD'S	6.00	5	4E	1/ 1/1980	1	5.9
45	4H FOR 4E - SW OF OGD	6.00	34	4E	1/ 1/1980	1	116.7
46	BIG QUARTZ VEIN	10.00	24	4E	1/ 1/1980	1	451.1
47	LITTLE QUARTZ VEIN	10.00	22	4E	1/ 1/1980	1	139.4
48	PARTIALLY ABOVE TOPOGRAPHY FOR 6E	12.00	28	6E	14/ 6/1986	1	26051.3
49	OVERBURDEN FOR 6E	11.00	49	6E	14/ 6/1986	1	10795.5
50	4A FOR 6E	1.00	200	6E	14/ 6/1986	1	1777.8
51	4C FOR 6E	2.00	108	6E	14/ 6/1986	1	2941.3
52	4EC FOR 6E	3.00	111	6E	14/ 6/1986	1	955.7
53	4H FOR 6E	6.00	53	6E	14/ 6/1986	1	134.8
54	4EG FOR 6E - UPPER INFOLD	5.00	30	6E	14/ 6/1986	1	106.5
55	4EG FOR 6E - THIN BAND ABOVE FAULT	5.00	50	6E	14/ 6/1986	1	297.8
56	4EG FOR 6E - MAIN PART	5.00	131	6E	14/ 6/1986	1	1541.5
57	4EG FOR 6E - SMALL SW HORIZON	5.00	219	6E	14/ 6/1986	1	495.8
58	4E FOR 6E - SMALL LOWER BAND	4.00	110	6E	14/ 6/1986	1	87.8
59	4A FOR 6E - SMALL LOWER BAND	1.00	64	6E	14/ 6/1986	1	75.1
60	PARTIALLY ABOVE TOPOGRAPHY FOR 8E	12.00	55	8E	16/ 6/1986	1	23981.8
61	OVERBURDEN FOR 8E	11.00	100	8E	16/ 6/1986	1	12166.8
62	4A FOR 8E - UPPER PART	1.00	163	8E	16/ 6/1986	1	1159.4
63	4C FOR 8E -UPPER PART	2.00	130	8E	16/ 6/1986	1	3776.4
64	4EC FOR 8E	3.00	108	8E	16/ 6/1986	1	1099.4
65	4EG FOR 8E - MAIN PART	5.00	186	8E	16/ 6/1986	1	1871.0
66	4A FOR 8E - LOWER PART	1.00	120	8E	16/ 6/1986	1	267.7
67	4A FOR 8E- LOWER PART	1.00	55	8E	16/ 6/1986	1	56.4
68	4A FOR 8E - LOWER PART	1.00	94	8E	16/ 6/1986	1	675.7
69	4E FOR 8E	4.00	143	8E	16/ 6/1986	1	310.0
70	4C FOR 8E - LOWER PART	2.00	29	8E	16/ 6/1986	1	218.3
71	4C FOR 8E - LOWEST PART	2.00	32	8E	16/ 6/1986	1	145.9
72	PARTIALLY ABOVE TOPOGRAPHY FOR 10E	12.00	34	10E	16/ 6/1986	1	22595.9
73	OVERBURDEN FOR 10E	11.00	71	10E	16/ 6/1986	1	12629.3
74	4A FOR 10E - MAIN PART	1.00	65	10E	16/ 6/1986	1	798.8
75	4C FOR 10E - MAIN PART	2.00	67	10E	16/ 6/1986	1	1345.6
76	4EG FOR 10E - MAIN PART	5.00	126	10E	16/ 6/1986	1	1428.8
77	4EG FOR 10E - SMALL PART NE OF OGD	5.00	8	10E	16/ 6/1986	1	23.6
78	4EG FOR 10E - SMALL BAND SW OF OGD	5.00	58	10E	16/ 6/1986	1	147.4
79	4E FOR 10E - UPPER PART	4.00	103	10E	16/ 6/1986	1	621.6
80	4A FOR 10E - SMALL UPPER BAND	1.00	76	10E	16/ 6/1986	1	104.9

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
81	4E FOR 10E - SMALL FOLDED LOWER BAND	4.00	130	10E	16/ 6/1986	1	120.4
82	4A FOR 10E - SMALL LOWER SW POD	1.00	20	10E	16/ 6/1986	1	255.0
83	4A FOR 10E - LOWER UNIT	1.00	60	10E	16/ 6/1986	1	219.5
84	4E FOR 10E - LOWER OF THE SMALL LOWER PODS	4.00	13	10E	16/ 6/1986	1	73.0
85	4C FOR 10E - LOWER UNIT	2.00	68	10E	16/ 6/1986	1	421.7
86	4E FOR 10E SMALL POD IN LOWER 4C	4.00	14	10E	16/ 6/1986	1	39.9
87	PARTIALLY ABOVE TOPOGRAPHY FOR 12 E	12.00	42	12E	16/ 6/1986	1	21478.7
88	OVERBURDEN FOR 12 E	11.00	75	12E	16/ 6/1986	1	11059.2
89	4EG FOR 12E - UPPER POD JUST BENEATH DB	5.00	29	12E	16/ 6/1986	1	482.3
90	4EG FOR 12E - PART BELOW FAULT	5.00	74	12E	16/ 6/1986	1	283.0
91	4EG FOR 12E - THIN POD IN FAULT ZONE	5.00	45	12E	16/ 6/1986	1	181.9
92	4A FOR 12E - UPPER THIN BAND	1.00	42	12E	16/ 6/1986	1	236.1
93	4A FOR 12E THIN POD IN FAULT ZONE	1.00	18	12E	16/ 6/1986	1	77.5
94	4C FOR 12E UPPER PART	2.00	52	12E	16/ 6/1986	1	1253.8
95	4A FOR 12E LOWER INFOLD	1.00	173	12E	16/ 6/1986	1	1597.4
96	4E FOR 12E UPPER OF TWO THIN FOLDED BANDS IN LOWER INFOLD	4.00	85	12E	16/ 6/1986	1	102.1
97	4E FOR 12E LOWER OF THE THIN FOLDED BANDS	4.00	35	12E	16/ 6/1986	1	73.4
98	4C FOR 12E - LOWER UNIT	2.00	63	12E	16/ 6/1986	1	601.3
99	PARTIALLY ABOVE TOPOGRAPHY FOR 14E	12.00	49	14E	16/ 6/1986	1	21063.5
100	OVERBURDEN FOR 14E	11.00	92	14E	16/ 6/1986	1	6721.4
101	4EG FOR 14E	5.00	92	14E	16/ 6/1986	1	882.4
102	4EC FOR 14E	3.00	67	14E	16/ 6/1986	1	1131.9
103	4C FOR 14E	2.00	40	14E	16/ 6/1986	1	867.3
104	4E FOR 14E UPPER BAND	4.00	37	14E	16/ 6/1986	1	117.3
105	4A FOR 14E UPPER BAND	1.00	50	14E	16/ 6/1986	1	180.3
106	4A FOR 14E LOWER UNIT	1.00	198	14E	16/ 6/1986	1	1888.8
107	4E FOR 14E LOWER BAND	4.00	31	14E	16/ 6/1986	1	46.1
108	PARTIALLY ABOVE TOPOGRAPHY FOR 16E	12.00	54	16E	16/ 6/1986	1	21345.0
109	OVERBURDEN FOR 16E	11.00	102	16E	16/ 6/1986	1	5923.3
110	4EG FOR 16E MAIN PART	5.00	42	16E	16/ 6/1986	1	838.9
111	4EC FOR 16 E	3.00	70	16E	16/ 6/1986	1	1232.0
112	4EG FOR 16E SMALL POD	5.00	19	16E	16/ 6/1986	1	75.4
113	4C FOR 16E	2.00	60	16E	16/ 6/1986	1	1547.3
114	4E FOR 16E	4.00	18	16E	16/ 6/1986	1	114.5
115	4A FOR 16E	1.00	44	16E	16/ 6/1986	1	777.4
116	PARTIALLY ABOVE TOPOGRAPHY FOR 18E	12.00	47	18E	16/ 6/1986	1	22758.8
117	OVERBURDEN FOR 18E	11.00	89	18E	16/ 6/1986	1	5212.9
118	4S FOR 18E UPPER PART	2.00	18	18E	16/ 6/1986	1	309.1
119	4C FOR 18E LOWER PART	2.00	31	18E	16/ 6/1986	1	352.8
120	4EC FOR 18E	3.00	47	18E	16/ 6/1986	1	581.8

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
121	4E FOR 18E UPPER BAND	4.00	20	18E	16/ 6/1986	1	86.2
122	4EG FOR 18E	5.00	64	18E	16/ 6/1986	1	762.5
123	4E FOR 18E UPPER THIN BAND IN LOWER INFOLD	4.00	65	18E	16/ 6/1986	1	182.8
124	4A FOR 18E IN LOWER INFOLD	1.00	108	18E	16/ 6/1986	1	1304.6
125	4E FOR 18E THIN BAND INSIDE 4A LOAD AFTWR PRECEEDING RECORD	4.00	58	18E	16/ 6/1986	1	98.7
126	PARTIALLY ABOVE TOPOGRAPHY FOR 20E	12.00	46	20E	17/ 6/1986	1	22729.8
127	OVERBURDEN FOR 20E	11.00	89	20E	17/ 6/1986	1	3196.3
128	4EG FOR 20E MAIN PART	5.00	49	20E	17/ 6/1986	1	615.4
129	4EG FOR 20E SMALL UPPER POD	5.00	23	20E	17/ 6/1986	1	106.2
130	4EC FOR 20E	3.00	54	20E	17/ 6/1986	1	569.2
131	4A FOR 20E	1.00	198	20E	17/ 6/1986	1	1240.6
132	PARTIALLY ABOVE TOPOGRAPHY FOR 22E	12.00	52	22E	17/ 6/1986	1	21806.6
133	OVERBURDEN FOR 22E	11.00	93	22E	17/ 6/1986	1	4218.9
134	4C FOR 22E	2.00	47	22E	17/ 6/1986	1	489.6
135	4EC FOR 22E LOWER UNIT	3.00	71	22E	17/ 6/1986	1	494.5
136	4EC FOR 22E UPPER UNIT	3.00	36	22E	17/ 6/1986	1	249.4
137	4EG FOR 22E	5.00	63	22E	17/ 6/1986	1	476.1
138	4A FOR 22E UPPER UNIT	1.00	58	22E	17/ 6/1986	1	924.1
139	4E FOR 22E UPPER UNIT	4.00	53	22E	17/ 6/1986	1	454.7
140	4E FOR 22E LOWER UNIT	4.00	15	22E	17/ 6/1986	1	138.3
141	4A FOR 22E UPPER PART OF LOWER INFOLD	1.00	46	22E	17/ 6/1986	1	601.9
142	4A FOR 22E LOWEST UNIT	1.00	17	22E	17/ 6/1986	1	195.6
143	PARTIALLY ABOVE TOPOGRAPHY FOR 24E	12.00	44	24E	17/ 6/1986	1	21193.7
144	OVERBURDEN FOR 24E	11.00	83	24E	17/ 6/1986	1	3975.4
145	4C FOR 24E	2.00	113	24E	17/ 6/1986	1	1260.0
146	4C FOR 24E SMALL POD	2.00	16	24E	17/ 6/1986	1	21.2
147	4EG FOR 24E SMALLER FOLDED POD	5.00	63	24E	17/ 6/1986	1	411.2
148	4EG FOR 24E MAIN POD	5.00	46	24E	17/ 6/1986	1	1028.0
149	4A FOR 24E UPPER PART	1.00	51	24E	17/ 6/1986	1	1123.1
150	4A FOR 24E LOWER PART	1.00	88	24E	17/ 6/1986	1	2692.7
151	PARTIALLY ABOVE TOPOGRAPHY FOR 26E	12.00	46	26E	17/ 6/1986	1	20398.9
152	OVERBURDEN FOR 26E	11.00	98	26E	17/ 6/1986	1	4760.7
153	4C FOR 26E	2.00	104	26E	17/ 6/1986	1	1202.8
154	4EC FOR 26E	3.00	62	26E	17/ 6/1986	1	1100.7
155	4EG FOR 26E MAIN PART	5.00	25	26E	17/ 6/1986	1	162.8
156	4E FOR 26E UPPER THIN UNIT	4.00	48	26E	17/ 6/1986	1	55.5
157	4A FOR 26E UPPER THIN BAND	1.00	49	26E	17/ 6/1986	1	86.9
158	4A FOR 26E LOWER UNIT	1.00	113	26E	17/ 6/1986	1	2230.0
159	4EG FOR 26E LOWEST POD	5.00	13	26E	17/ 6/1986	1	39.2
160	4EG FOR 26E THIN POD INSIDE 4A	5.00	14	26E	17/ 6/1986	1	71.6

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
161	PARTIALLY ABOVE TOPOGRAPHY FOR 28E	12.00	43	28E	17/ 6/1986	1	19221.4
162	OVERBURDEN FOR 28E	11.00	84	28E	17/ 6/1986	1	4912.6
163	4C FOR 28E	2.00	36	28E	17/ 6/1986	1	1056.0
164	4EG FOR 28E	5.00	19	28E	17/ 6/1986	1	156.9
165	2ND VG TOPO	1205.00	3	TOPO	18/ 6/1986	1	.0
166	"	1200.00	4	TOPO	18/ 6/1986	1	.0
167	"	1195.00	6	TOPO	18/ 6/1986	1	.0
168	"	1190.00	8	TOPO	18/ 6/1986	1	.0
169	"	1185.00	11	TOPO	18/ 6/1986	1	.0
170	"	1180.00	13	TOPO	18/ 6/1986	1	.0
171	"	1175.00	16	TOPO	18/ 6/1986	1	.0
172	"	1170.00	20	TOPO	18/ 6/1986	1	.0
173	"	1165.00	22	TOPO	18/ 6/1986	1	.0
174	"	1160.00	21	TOPO	18/ 6/1986	1	.0
175	"	1155.00	23	TOPO	18/ 6/1986	1	.0
176	"	1150.00	27	TOPO	18/ 6/1986	1	.0
177	"	1145.00	28	TOPO	18/ 6/1986	1	.0
178	"	1145.00	27	TOPO	18/ 6/1986	1	.0
179	"	1140.00	56	TOPO	18/ 6/1986	1	.0
180	"	1135.00	52	TOPO	18/ 6/1986	1	.0
181	"	1130.00	3	TOPO	18/ 6/1986	1	.0
182	"	1130.00	36	TOPO	18/ 6/1986	1	.0
183	"	1125.00	30	TOPO	18/ 6/1986	1	.0
184	"	1120.00	22	TOPO	18/ 6/1986	1	.0
185	"	1115.00	7	TOPO	18/ 6/1986	1	.0
186	"	1150.00	20	TOPO	18/ 6/1986	1	.0
187	"	1155.00	17	TOPO	18/ 6/1986	1	.0
188	"	1160.00	31	TOPO	18/ 6/1986	1	.0
189	"	1165.00	27	TOPO	18/ 6/1986	1	.0
190	"	1170.00	23	TOPO	18/ 6/1986	1	.0
191	"	1175.00	11	TOPO	18/ 6/1986	1	.0
192	"	1175.00	5	TOPO	18/ 6/1986	1	.0
193	"	1180.00	7	TOPO	18/ 6/1986	1	.0
194	"	1185.00	4	TOPO	18/ 6/1986	1	.0
195	"	1155.00	20	TOPO	18/ 6/1986	1	.0
196	"	1150.00	24	TOPO	18/ 6/1986	1	.0
197	"	1150.00	5	TOPO	18/ 6/1986	1	.0
198	"	1145.00	25	TOPO	18/ 6/1986	1	.0
199	"	1140.00	21	TOPO	18/ 6/1986	1	.0
200	"	1135.00	14	TOPO	18/ 6/1986	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
201	"	1130.00	9	TOPO	18/ 6/1986	1	.0
202	"	1125.00	4	TOPO	18/ 6/1986	1	.0
203	"	1180.00	2	TOPO	18/ 6/1986	1	.0
204	"	1175.00	5	TOPO	18/ 6/1986	1	.0
205	"	1170.00	7	TOPO	18/ 6/1986	1	.0
206	"	1167.50	6	TOPO	18/ 6/1986	1	.0
207	"	1165.00	7	TOPO	18/ 6/1986	1	.0
208	"	1160.00	17	TOPO	18/ 6/1986	1	.0
209	"	1165.00	7	TOPO	18/ 6/1986	1	.0
210	"	1162.50	7	TOPO	18/ 6/1986	1	.0
211	"	1157.50	4	TOPO	18/ 6/1986	1	.0
212	"	1155.00	21	TOPO	18/ 6/1986	1	.0
213	"	1150.00	10	TOPO	18/ 6/1986	1	.0
214	"	1152.50	3	TOPO	18/ 6/1986	1	.0
215	"	1152.50	3	TOPO	18/ 6/1986	1	.0
216	"	1157.50	3	TOPO	18/ 6/1986	1	.0
217	"	1162.50	6	TOPO	18/ 6/1986	1	.0
218	"	1165.00	5	TOPO	18/ 6/1986	1	.0
219	"	1170.00	2	TOPO	18/ 6/1986	1	.0
220	"	1147.50	3	TOPO	18/ 6/1986	1	.0
221	Pit 1 base at 1124	1124.00	83	pb	10/ 7/1986	1	64602.5
222	Stage I Pit Base, 1120	1120.00	59	pb	10/ 7/1986	1	60390.2
223	Stage II Pit Base, 1100	1100.00	7	pb	10/ 7/1986	1	7728.2
224	Stage III Pit Base, 1050	1050.00	36	pb	10/ 7/1986	1	52940.7
225	Vangorda Stage III Pit base at 1056.5	1056.50	43	pb	11/ 7/1986	1	47346.5
226	NW END OF DEPOSIT - 3W TO 13E	.00	5		23/ 7/1986	1	115200.0
227	pit base at 1056.5	1056.50	8	pb	24/ 7/1986	1	12392.0
228	pit base at 1070	1070.00	9	pb	24/ 7/1986	1	43729.5
229	pit base at 1097	1097.00	9	pb	24/ 7/1986	1	46239.5
230	ppit base at 1110.5	1110.50	5	pb	24/ 7/1986	1	25660.9
231	pit base at 1119.5	1119.50	8	pb	24/ 7/1986	1	38703.2
232	pit base at 1128.5	1128.50	11	pb	24/ 7/1986	1	39224.0
233	pit base at 1133	1133.00	7	pb	24/ 7/1986	1	44631.3
234	pit base at 1142.	1142.00	6	pb	24/ 7/1986	1	21255.0
235	pit base at 18, 1128.5	1128.50	11	pb	24/ 7/1986	1	39072.1
236	pit base at 17, 1133]	1133.00	7	pb	24/ 7/1986	1	44398.6
237	pit base at 15, 1142	1142.00	7	pb	24/ 7/1986	1	21195.0
238	pit base at 20, 1119.5	1119.50	8	pb	24/ 7/1986	1	38716.6
239	pit base at 22, 1110.5	1110.50	5	pb	24/ 7/1986	1	25709.8
240	pit base at 25, 1097	1097.00	9	pb	24/ 7/1986	1	46126.5

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
241	pit base at 31, 1070.	1070.00	9	pb	24/ 7/1986	1	43627.2
242	pit base at 34, 1056.5	1056.50	8	pb	24/ 7/1986	1	12428.3
243	PIT ROAD BASE AT 1120	1120.00	24	RB	25/ 7/1986	1	14121.6
244		1130.00	3	R1	25/ 7/1986	1	.0
245		1120.00	3	R1	25/ 7/1986	1	.0
246		1110.00	3	R1	25/ 7/1986	1	.0
247		1100.00	3	R1	25/ 7/1986	1	.0
248		1090.00	3	R1	25/ 7/1986	1	.0
249		1080.00	3	R1	25/ 7/1986	1	.0
250		1070.00	6	R1	25/ 7/1986	1	.0
251		1060.00	4	R1	25/ 7/1986	1	.0
252		1080.00	3	R1	25/ 7/1986	1	.0
253		1090.00	6	R1	25/ 7/1986	1	.0
254		1100.00	12	R1	25/ 7/1986	1	.0
255		1110.00	12	R1	25/ 7/1986	1	.0
256		1120.00	17	R1	25/ 7/1986	1	.0
257		1130.00	2	R1	25/ 7/1986	1	.0
258		1130.00	2	R1	25/ 7/1986	1	.0
259		100.00	23	RP1	25/ 7/1986	1	.0
260		100.00	25	RP1	25/ 7/1986	1	.0
261	1130 Bench push-back	1130.00	30		16/11/1986	1	7254.6
262	1065 - new mining bench btwn 1060 & 1070	1065.00	5		16/11/1986	1	4534.5
263	Vangorda Waste Dump trial #1 - Top surf.	1120.00	75	TOP	17/11/1986	1	340930.6
264	Vangorda Waste Dump trial #1 - Bott. surf.	1060.00	74	BOTT	17/11/1986	1	375930.5
265	Model Boundry (for plotting)	.00	5		24/11/1986	1	553500.0
266		1043.00	6		12/ 1/1987	1	19902.7
267		1043.00	6		12/ 1/1987	1	6774.1
268		1056.50	6		12/ 1/1987	1	8292.9
269		1097.00	5		12/ 1/1987	1	1666.7
270		1119.50	6		12/ 1/1987	1	20792.8
271		1119.50	5		12/ 1/1987	1	9243.3
272		1133.00	5		12/ 1/1987	1	6341.5
273		1133.00	5		12/ 1/1987	1	15950.1
274	0 North	.00	2	abc	27/ 5/1987	1	.0
275	1180	1180.00	42	VCON	20/ 7/1987	1	.0
276	1177.5	1177.50	36	VCON	20/ 7/1987	1	.0
277	1175	1175.00	45	VCON	20/ 7/1987	1	.0
278	1172.5	1172.50	40	VCON	20/ 7/1987	1	.0
279	1170	1170.00	48	VCON	20/ 7/1987	1	.0
280	1167.5	1167.50	40	VCON	20/ 7/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
281	1165	1165.00	52	VCON	20/ 7/1987	1	.0
282	1162.5	1162.50	52	VCON	20/ 7/1987	1	.0
283	1160	1160.00	81	VCON	20/ 7/1987	1	.0
284	1157.5	1157.50	67	VCON	20/ 7/1987	1	.0
285	1155	1155.00	68	VCON	20/ 7/1987	1	.0
286	1152.5	1152.50	87	VCON	20/ 7/1987	1	.0
287	1150	1150.00	81	VCON	20/ 7/1987	1	.0
288	6 902 600mN	.00	2	VUTM	21/ 7/1987	1	.0
289	6 902 800mN	.00	2	VUTM	21/ 7/1987	1	.0
290	6 903 000mN	.00	2	VUTM	21/ 7/1987	1	.0
291	6 903 200mN	.00	2	VUTM	21/ 7/1987	1	.0
292	6 903 400mN	.00	2	VUTM	21/ 7/1987	1	.0
293	6 903 600mN	.00	2	VUTM	21/ 7/1987	1	.0
294	6 903 800mN	.00	2	VUTM	21/ 7/1987	1	.0
295	594 800mE	.00	2	VUTM	21/ 7/1987	1	.0
296	594 600mE	.00	2	VUTM	21/ 7/1987	1	.0
297	594 400mE	.00	2	VUTM	21/ 7/1987	1	.0
298	594 200mE	.00	2	VUTM	21/ 7/1987	1	.0
299	594 000mE	.00	2	VUTM	21/ 7/1987	1	.0
300	593 800mE	.00	2	VUTM	21/ 7/1987	1	.0
301	593 600mE	.00	2	VUTM	21/ 7/1987	1	.0
302	1165	1165.00	38	VCON	18/ 7/1987	1	.0
303	1162.5	1162.50	26	VCON	18/ 7/1987	1	.0
304	1160	1160.00	99	VCON	18/ 7/1987	1	.0
305	1157.5	1157.50	95	VCON	18/ 7/1987	1	.0
306	1155	1155.00	81	VCON	18/ 7/1987	1	.0
307	1152.5	1152.50	99	VCON	18/ 7/1987	1	.0
308	1150	1150.00	86	VCON	18/ 7/1987	1	.0
309	1147.5	1147.50	141	VCON	18/ 7/1987	1	.0
310	1145	1145.00	136	VCON	18/ 7/1987	1	.0
311	1142.5	1142.50	157	VCON	18/ 7/1987	1	.0
312	1140	1140.00	46	VCON	18/ 7/1987	1	.0
313	1137.5	1137.50	44	VCON	18/ 7/1987	1	.0
314	1135	1135.00	36	VCON	18/ 7/1987	1	.0
315	1132.5	1132.50	37	VCON	18/ 7/1987	1	.0
316	1130	1130.00	31	VCON	18/ 7/1987	1	.0
317	1127.5	1127.50	15	VCON	18/ 7/1987	1	.0
318	1140	1140.00	88	VCON	18/ 7/1987	1	.0
319	1137.5	1137.50	103	VCON	18/ 7/1987	1	.0
320	1135	1135.00	110	VCON	18/ 7/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
321	1132.5	1132.50	92	VCON	18/ 7/1987	1	.0
322	1130	1130.00	74	VCON	18/ 7/1987	1	.0
323	1127.5	1127.50	72	VCON	18/ 7/1987	1	.0
324	1125	1125.00	57	VCON	18/ 7/1987	1	.0
325	1122.5	1122.50	33	VCON	18/ 7/1987	1	.0
326	1120	1120.00	26	VCON	18/ 7/1987	1	.0
327	1117.5	1117.50	23	VCON	18/ 7/1987	1	.0
328	1115	1115.00	7	VCON	18/ 7/1987	1	.0
329	1217.5	1217.50	4	VCON	18/ 7/1987	1	.0
330	1215	1215.00	6	VCON	18/ 7/1987	1	.0
331	1212.5	1212.50	10	VCON	18/ 7/1987	1	.0
332	1210	1210.00	13	VCON	18/ 7/1987	1	.0
333	1207.5	1207.50	16	VCON	18/ 7/1987	1	.0
334	1205	1205.00	24	VCON	18/ 7/1987	1	.0
335	1202.5	1202.50	18	VCON	18/ 7/1987	1	.0
336	1200	1200.00	21	VCON	18/ 7/1987	1	.0
337	1197.5	1197.50	22	VCON	18/ 7/1987	1	.0
338	1195	1195.00	19	VCON	18/ 7/1987	1	.0
339	1192.5	1192.50	26	VCON	18/ 7/1987	1	.0
340	1190	1190.00	29	VCON	18/ 7/1987	1	.0
341	1187.5	1187.50	39	VCON	18/ 7/1987	1	.0
342	1185	1185.00	43	VCON	18/ 7/1987	1	.0
343	1182.5	1182.50	45	VCON	18/ 7/1987	1	.0
344	1162.5	1162.50	107	VCON	21/ 7/1987	1	.0
345	1165	1165.00	113	VCON	21/ 7/1987	1	.0
346	1167.5	1167.50	112	VCON	21/ 7/1987	1	.0
347	1170	1170.00	102	VCON	21/ 7/1987	1	.0
348	1172.5	1172.50	85	VCON	21/ 7/1987	1	.0
349	1175	1175.00	21	VCON	21/ 7/1987	1	2716.1
350	1175	1175.00	33	VCON	21/ 7/1987	1	.0
351	1177.5	1177.50	25	VCON	21/ 7/1987	1	.0
352	1180	1180.00	28	VCON	21/ 7/1987	1	.0
353	1182.5	1182.50	21	VCON	21/ 7/1987	1	.0
354	1185	1185.00	14	VCON	21/ 7/1987	1	.0
355	1187.5	1187.50	6	VCON	21/ 7/1987	1	.0
356	1175	1175.00	16	VCON	21/ 7/1987	1	.0
357	1177.5	1177.50	18	VCON	21/ 7/1987	1	.0
358	VANGORDA LEDGE 1200	1200.00	9	OVBD	23/ 7/1987	1	.0
359	VANGORDA LEDGE 1195	1195.00	8	OVBD	23/ 7/1987	1	.0
360	VANGORDA LEDGE 1190	1190.00	10	OVBD	23/ 7/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
361	VANGORDA LEDGE 1185	1185.00	12	OVBD	23/ 7/1987	1	.0
362	VANGORDA LEDGE 1180	1180.00	10	OVBD	23/ 7/1987	1	.0
363	VANGORDA LEDGE 1175	1175.00	14	OVBD	23/ 7/1987	1	.0
364	VANGORDA LEDGE 1170	1170.00	34	OVBD	23/ 7/1987	1	.0
365	VANGORDA LEDGE 1165	1165.00	24	OVBD	23/ 7/1987	1	.0
366	VANGORDA LEDGE 1160	1160.00	23	OVBD	23/ 7/1987	1	.0
367	VANGORDA LEDGE 1155	1155.00	23	OVBD	23/ 7/1987	1	.0
368	VANGORDA LEDGE 1150	1150.00	24	OVBD	23/ 7/1987	1	.0
369	VANGORDA LEDGE 1145	1145.00	27	OVBD	23/ 7/1987	1	.0
370	VANGORDA LEDGE 1140	1140.00	120	OVBD	23/ 7/1987	1	.0
371	VANGORDA LEDGE 1135	1135.00	137	OVBD	23/ 7/1987	1	.0
372	VANGORDA LEDGE 1130	1130.00	123	OVBD	23/ 7/1987	1	.0
373	VANGORDA LEDGE 1125	1125.00	103	OVBD	23/ 7/1987	1	.0
374	VANGORDA LEDGE 1120	1120.00	102	OVBD	23/ 7/1987	1	.0
375	VANGORDA LEDGE 1115	1115.00	97	OVBD	23/ 7/1987	1	.0
376	VANGORDA LEDGE 1110	1110.00	153	OVBD	23/ 7/1987	1	.0
377	VANGORDA LEDGE 1105	1105.00	38	OVBD	23/ 7/1987	1	.0
378	VANGORDA LEDGE 1100	1100.00	29	OVBD	23/ 7/1987	1	.0
379	VANGORDA LEDGE 1095	1095.00	14	OVBD	23/ 7/1987	1	.0
380	VANGORDA LEDGE 1145	1145.00	205	OVBD	23/ 7/1987	1	.0
381	VANGORDA LEDGE 1150	1150.00	113	OVBD	23/ 7/1987	1	.0
382	VANGORDA LEDGE 1155	1155.00	37	OVBD	23/ 7/1987	1	.0
383	VANGORDA LEDGE 1160	1160.00	24	OVBD	23/ 7/1987	1	.0
384	VANGORDA LEDGE 1165	1165.00	7	OVBD	23/ 7/1987	1	.0
385	VANGORDA LEDGE 1155	1155.00	9	OVBD	23/ 7/1987	1	.0
386	VANGORDA LEDGE 1145	1145.00	15	OVBD	23/ 7/1987	1	437.9
387	00 B/L	.00	2	LSEC	24/ 7/1987	1	.0
388	00 B/L	.00	2	LSEC	24/ 7/1987	1	.0
389	02 W	.00	2	XSEC	24/ 7/1987	1	.0
390	02 W	.00	2	XSEC	24/ 7/1987	1	.0
391	00	.00	2	XSEC	24/ 7/1987	1	.0
392	00	.00	2	XSEC	24/ 7/1987	1	.0
393	02 E	.00	2	XSEC	24/ 7/1987	1	.0
394	02 E	.00	2	XSEC	24/ 7/1987	1	.0
395	04 E	.00	2	XSEC	24/ 7/1987	1	.0
396	04 E	.00	2	XSEC	24/ 7/1987	1	.0
397	06 E	.00	2	XSEC	24/ 7/1987	1	.0
398	06 E	.00	2	XSEC	24/ 7/1987	1	.0
399	08 E	.00	2	XSEC	27/ 7/1987	1	.0
400	08 E	.00	2	XSEC	27/ 7/1987	1	.0

duplicate record # 422, 423

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
401	10 E	.00	2	XSEC	27/ 7/1987	1	.0
402	10 E	.00	2	XSEC	27/ 7/1987	1	.0
403	12 E	.00	2	XSEC	27/ 7/1987	1	.0
404	12 E	.00	2	XSEC	27/ 7/1987	1	.0
405	14 E	.00	2	XSEC	27/ 7/1987	1	.0
406	14 E	.00	2	XSEC	27/ 7/1987	1	.0
407	16 E	.00	2	XSEC	27/ 7/1987	1	.0
408	16 E	.00	2	XSEC	27/ 7/1987	1	.0
409	18 E	.00	2	XSEC	27/ 7/1987	1	.0
410	18 E	.00	2	XSEC	27/ 7/1987	1	.0
411	20 E	.00	2	XSEC	27/ 7/1987	1	.0
412	20 E	.00	2	XSEC	27/ 7/1987	1	.0
413	22 E	.00	2	XSEC	27/ 7/1987	1	.0
414	22 E	.00	2	XSEC	27/ 7/1987	1	.0
415	24 E	.00	2	XSEC	27/ 7/1987	1	.0
416	24 E <i>duplicate of record # 415</i>	.00	2	XSEC	27/ 7/1987	1	.0
417	24 E	.00	2	XSEC	27/ 7/1987	1	.0
418	26 E	.00	2	XSEC	27/ 7/1987	1	.0
419	26 E	.00	2	XSEC	27/ 7/1987	1	.0
420	28 E	.00	2	XSEC	27/ 7/1987	1	.0
421	28 E	.00	2	XSEC	27/ 7/1987	1	.0
422	00 B/L	.00	2	LSEC	27/ 7/1987	1	.0
423	00 B/L	.00	2	LSEC	27/ 7/1987	1	.0
424	NEW ULT. PIT 1150	1150.00	65	NPIT	5/ 8/1987	1	.0
425	NEW ULT. PIT 1160	1160.00	50	NPIT	5/ 8/1987	1	.0
426	NEW ULT. PIT 1170	1170.00	19	NPIT	5/ 8/1987	1	.0
427	NEW ULT. PIT 1140	1140.00	95	NPIT	5/ 8/1987	1	.0
428	NEW ULT. PIT 1140	1140.00	13	NPIT	5/ 8/1987	1	.0
429	NEW ULT. PIT 1130	1130.00	107	NPIT	5/ 8/1987	1	.0
430	NEW ULT. PIT 1120	1120.00	122	NPIT	5/ 8/1987	1	.0
431	NEW ULT. PIT 1110	1110.00	86	NPIT	5/ 8/1987	1	59988.3
432	NEW ULT. PIT 1100	1100.00	70	NPIT	5/ 8/1987	1	44102.3
433	NEW ULT. PIT 1090	1090.00	54	NPIT	5/ 8/1987	1	29439.2
434	NEW ULT. PIT 1080	1080.00	45	NPIT	5/ 8/1987	1	19006.1
435	NEW ULT. PIT 1070	1070.00	34	NPIT	5/ 8/1987	1	7647.7
436	ACCESS ROAD	100.00	4	ROAD	5/ 8/1987	1	.0
437	NEW LOCATION FOR VANGORDA CREEK	100.00	25	CREE	5/ 8/1987	1	.0
438	ACCESS ROAD	100.00	4	ROAD	5/ 8/1987	1	.0
439	Vangorda Ultimate Pit Outline	.00	131	ULPT	7/ 8/1987	1	259488.8
440	Topography from Map F-6-4 (W 1/2) 1:5000 = (W2)	990.00	8	F6-4	10/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
441	<i>Topography from Map F-6-4 (w/2) 1:5000 = (w2)</i>	995.00	15	F6-4	10/ 8/1987	1	.0
442	"	1000.00	27	F6-4	10/ 8/1987	1	.0
443	"	1005.00	40	F6-4	10/ 8/1987	1	.0
444	"	1010.00	30	F6-4	10/ 8/1987	1	.0
445	"	1015.00	37	F6-4	10/ 8/1987	1	.0
446	"	1020.00	51	F6-4	10/ 8/1987	1	.0
447	"	1025.00	74	F6-4	10/ 8/1987	1	.0
448	"	1030.00	72	F6-4	10/ 8/1987	1	.0
449	"	1035.00	31	F6-4	10/ 8/1987	1	.0
450	"	1035.00	112	F6-4	10/ 8/1987	1	.0
451	"	1040.00	122	F6-4	10/ 8/1987	1	.0
452	"	1045.00	97	F6-4	10/ 8/1987	1	.0
453	"	1050.00	87	F6-4	10/ 8/1987	1	.0
454	"	1055.00	129	F6-4	10/ 8/1987	1	.0
455	"	1060.00	118	F6-4	10/ 8/1987	1	.0
456	"	1065.00	141	F6-4	10/ 8/1987	1	.0
457	"	1070.00	201	F6-4	10/ 8/1987	1	.0
458	"	1075.00	92	F6-4	10/ 8/1987	1	.0
459	"	1080.00	140	F6-4	10/ 8/1987	1	.0
460	"	1085.00	124	F6-4	10/ 8/1987	1	.0
461	"	1090.00	101	F6-4	10/ 8/1987	1	.0
462	"	1095.00	151	F6-4	10/ 8/1987	1	.0
463	"	1100.00	189	F6-4	10/ 8/1987	1	.0
464	"	1105.00	142	F6-4	10/ 8/1987	1	.0
465	"	1110.00	200	F6-4	10/ 8/1987	1	.0
466	"	1115.00	131	F6-4	10/ 8/1987	1	.0
467	"	1120.00	125	F6-4	10/ 8/1987	1	.0
468	"	1125.00	176	F6-4	10/ 8/1987	1	.0
469	"	1130.00	138	F6-4	10/ 8/1987	1	.0
470	"	1135.00	162	F6-4	10/ 8/1987	1	.0
471	"	1140.00	162	F6-4	10/ 8/1987	1	.0
472	"	1145.00	158	F6-4	11/ 8/1987	1	.0
473	"	1150.00	143	F6-4	11/ 8/1987	1	.0
474	"	1155.00	115	F6-4	11/ 8/1987	1	.0
475	"	1160.00	113	F6-4	11/ 8/1987	1	.0
476	"	1165.00	63	F6-4	11/ 8/1987	1	.0
477	"	1130.00	39	F6-4	11/ 8/1987	1	.0
478	"	1125.00	29	F6-4	11/ 8/1987	1	.0
479	"	1120.00	12	F6-4	11/ 8/1987	1	.0
480	"	1115.00	18	F6-4	11/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
481	CREEK	10.00	255	F6-4	11/ 8/1987	1	.0
482	CREEK	10.00	75	F6-4	11/ 8/1987	1	.0
483	CREEK	10.00	17	F6-4	11/ 8/1987	1	.0
484	CREEK	10.00	79	F6-4	11/ 8/1987	1	.0
485	Topography from Map F-6-3 (E 1/2) 1:5000	985.00	43	F6-3	11/ 8/1987	1	.0
486	"	990.00	26	F6-3	11/ 8/1987	1	.0
487	"	995.00	26	F6-3	11/ 8/1987	1	.0
488	"	1000.00	81	F6-3	11/ 8/1987	1	.0
489	"	1005.00	92	F6-3	11/ 8/1987	1	.0
490	"	1010.00	66	F6-3	11/ 8/1987	1	.0
491	"	1015.00	75	F6-3	11/ 8/1987	1	.0
492	"	1020.00	46	F6-3	11/ 8/1987	1	.0
493	"	1025.00	107	F6-3	11/ 8/1987	1	.0
494	"	1030.00	90	F6-3	11/ 8/1987	1	.0
495	"	1035.00	16	F6-3	11/ 8/1987	1	.0
496	"	1040.00	24	F6-3	11/ 8/1987	1	82.2
497	"	1035.00	91	F6-3	11/ 8/1987	1	.0
498	"	1040.00	162	F6-3	11/ 8/1987	1	.0
499	"	1040.00	254	F6-3	11/ 8/1987	1	.0
500	"	1040.00	23	F6-3	11/ 8/1987	1	.0
501	"	1035.00	232	F6-3	11/ 8/1987	1	.0
502	"	1030.00	221	F6-3	11/ 8/1987	1	.0
503	"	1025.00	218	F6-3	11/ 8/1987	1	.0
504	"	1020.00	227	F6-3	11/ 8/1987	1	.0
505	"	1015.00	124	F6-3	11/ 8/1987	1	.0
506	"	1010.00	71	F6-3	11/ 8/1987	1	.0
507	"	1005.00	76	F6-3	11/ 8/1987	1	.0
508	"	1000.00	76	F6-3	11/ 8/1987	1	.0
509	"	995.00	89	F6-3	11/ 8/1987	1	.0
510	"	990.00	71	F6-3	11/ 8/1987	1	.0
511	"	985.00	43	F6-3	11/ 8/1987	1	.0
512	"	980.00	22	F6-3	11/ 8/1987	1	.0
513	"	1045.00	255	F6-3	11/ 8/1987	1	.0
514	"	1045.00	12	F6-3	11/ 8/1987	1	.0
515	"	1050.00	188	F6-3	11/ 8/1987	1	.0
516	"	1055.00	251	F6-3	11/ 8/1987	1	.0
517	"	1060.00	245	F6-3	11/ 8/1987	1	.0
518	"	1065.00	175	F6-3	11/ 8/1987	1	.0
519	"	1070.00	211	F6-3	11/ 8/1987	1	.0
520	"	1075.00	247	F6-3	11/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
521	"	1045.00	24	F6-3	11/ 8/1987	1	1062.9
522	"	1080.00	224	F6-3	11/ 8/1987	1	.0
523	"	1085.00	226	F6-3	11/ 8/1987	1	.0
524	"	1090.00	254	F6-3	11/ 8/1987	1	.0
525	"	1090.00	72	F6-3	11/ 8/1987	1	.0
526	"	1095.00	204	F6-3	11/ 8/1987	1	.0
527	"	1095.00	100	F6-3	11/ 8/1987	1	.0
528	"	1100.00	84	F6-3	11/ 8/1987	1	.0
529	"	1105.00	90	F6-3	11/ 8/1987	1	.0
530	"	1110.00	100	F6-3	11/ 8/1987	1	.0
531	"	1115.00	79	F6-3	11/ 8/1987	1	.0
532	"	1120.00	86	F6-3	11/ 8/1987	1	.0
533	"	1125.00	39	F6-3	11/ 8/1987	1	.0
534	"	1130.00	41	F6-3	11/ 8/1987	1	.0
535	"	1100.00	28	F6-3	11/ 8/1987	1	1532.3
536	"	1100.00	235	F6-3	11/ 8/1987	1	.0
537	"	1105.00	185	F6-3	11/ 8/1987	1	.0
538	"	1110.00	177	F6-3	11/ 8/1987	1	.0
539	"	1115.00	211	F6-3	11/ 8/1987	1	.0
540	"	1120.00	60	F6-3	11/ 8/1987	1	4031.0
541	"	1120.00	171	F6-3	11/ 8/1987	1	.0
542	"	1125.00	156	F6-3	11/ 8/1987	1	.0
543	"	1130.00	165	F6-3	11/ 8/1987	1	.0
544	"	1135.00	143	F6-3	11/ 8/1987	1	.0
545	"	1140.00	128	F6-3	11/ 8/1987	1	.0
546	"	1145.00	161	F6-3	11/ 8/1987	1	.0
547	"	1150.00	121	F6-3	11/ 8/1987	1	.0
548	"	1155.00	65	F6-3	11/ 8/1987	1	.0
549	"	1160.00	127	F6-3	11/ 8/1987	1	.0
550	"	1165.00	143	F6-3	11/ 8/1987	1	.0
551	"	1170.00	67	F6-3	11/ 8/1987	1	.0
552	"	1175.00	54	F6-3	11/ 8/1987	1	.0
553	"	1180.00	46	F6-3	11/ 8/1987	1	.0
554	"	1185.00	43	F6-3	11/ 8/1987	1	.0
555	"	1190.00	60	F6-3	11/ 8/1987	1	.0
556	"	1195.00	30	F6-3	11/ 8/1987	1	.0
557	"	1200.00	25	F6-3	11/ 8/1987	1	.0
558	"	1205.00	26	F6-3	11/ 8/1987	1	.0
559	"	1210.00	32	F6-3	11/ 8/1987	1	.0
560	"	1215.00	41	F6-3	11/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
561	"	1220.00	33	F6-3	11/ 8/1987	1	.0
562	"	1225.00	19	F6-3	11/ 8/1987	1	.0
563	"	1230.00	34	F6-3	11/ 8/1987	1	.0
564	CREEK	10.00	27	F6-3	11/ 8/1987	1	.0
565	CREEK	10.00	47	F6-3	11/ 8/1987	1	.0
566	CREEK	10.00	229	F6-3	11/ 8/1987	1	.0
567	CREEK	10.00	29	F6-3	11/ 8/1987	1	.0
568	CREEK	10.00	77	F6-3	11/ 8/1987	1	.0
569	CREEK	10.00	59	F6-3	11/ 8/1987	1	.0
570	CREEK	10.00	81	F6-3	11/ 8/1987	1	.0
571	CREEK	10.00	48	F6-3	11/ 8/1987	1	.0
572	6 902 000mN	10.00	2	F6-3	11/ 8/1987	1	.0
573	6 902 500mN	10.00	2	F6-3	11/ 8/1987	1	.0
574	6 903 000mN	10.00	2	F6-3	11/ 8/1987	1	.0
575	6 903 500mN	10.00	2	F6-3	11/ 8/1987	1	.0
576	593 500mE	10.00	2	F6-3	11/ 8/1987	1	.0
577	593 000mE	10.00	2	F6-3	11/ 8/1987	1	.0
578	592 500mE	10.00	2	F6-3	11/ 8/1987	1	.0
579	592 000mE	10.00	2	F6-3	11/ 8/1987	1	.0
580	594 500mE	10.00	2	F6-4	11/ 8/1987	1	.0
581	594 000mE	10.00	2	F6-4	11/ 8/1987	1	.0
582	593 500mE	10.00	2	F6-4	11/ 8/1987	1	.0
583	593 000mE	10.00	2	F6-4	11/ 8/1987	1	.0
584	6 902 000mN	10.00	2	F6-4	11/ 8/1987	1	.0
585	6 902 500mN	10.00	2	F6-4	11/ 8/1987	1	.0
586	6 903 000mN	10.00	2	F6-4	11/ 8/1987	1	.0
587	6 903 500mN	10.00	2	F6-4	11/ 8/1987	1	.0
588	592 000mE	10.00	2	F6-4	11/ 8/1987	1	.0
589	592 500mE	10.00	2	F6-4	11/ 8/1987	1	.0
590	594 000mE	10.00	2	F6-4	11/ 8/1987	1	.0
591	594 500mE	10.00	2	F6-4	11/ 8/1987	1	.0
592	Topography from Map F-6-4 (W 1/2) 1:5000 = (W2)	990.00	20	F6-4	31/ 8/1987	1	.0
593	"	995.00	39	F6-4	31/ 8/1987	1	.0
594	"	1000.00	48	F6-4	31/ 8/1987	1	.0
595	"	1005.00	53	F6-4	31/ 8/1987	1	.0
596	:	1010.00	54	F6-4	31/ 8/1987	1	.0
597	:	1015.00	57	F6-4	31/ 8/1987	1	.0
598	"	1020.00	61	F6-4	31/ 8/1987	1	.0
599	"	1025.00	72	F6-4	31/ 8/1987	1	.0
600	"	1030.00	76	F6-4	31/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
601	"	1035.00	93	F6-4	31/ 8/1987	1	.0
602	"	1040.00	81	F6-4	31/ 8/1987	1	.0
603	"	1045.00	97	F6-4	31/ 8/1987	1	.0
604	"	1050.00	84	F6-4	31/ 8/1987	1	.0
605	"	1055.00	121	F6-4	31/ 8/1987	1	.0
606	"	1060.00	43	F6-4	31/ 8/1987	1	.0
607	"	1065.00	36	F6-4	31/ 8/1987	1	.0
608	"	1070.00	37	F6-4	31/ 8/1987	1	.0
609	"	1075.00	33	F6-4	31/ 8/1987	1	.0
610	"	1080.00	36	F6-4	31/ 8/1987	1	.0
611	"	1085.00	40	F6-4	31/ 8/1987	1	.0
612	"	1090.00	23	F6-4	31/ 8/1987	1	2155.5
613	"	1090.00	21	F6-4	31/ 8/1987	1	.0
614	"	1095.00	11	F6-4	31/ 8/1987	1	.0
615	"	1060.00	63	F6-4	31/ 8/1987	1	.0
616	"	1065.00	69	F6-4	31/ 8/1987	1	.0
617	"	1070.00	63	F6-4	31/ 8/1987	1	.0
618	"	1075.00	68	F6-4	31/ 8/1987	1	.0
619	"	1080.00	92	F6-4	31/ 8/1987	1	.0
620	"	1085.00	86	F6-4	31/ 8/1987	1	.0
621	"	1090.00	10	F6-4	31/ 8/1987	1	.0
622	"	1095.00	8	F6-4	31/ 8/1987	1	.0
623	"	1090.00	63	F6-4	31/ 8/1987	1	.0
624	"	1095.00	83	F6-4	31/ 8/1987	1	.0
625	"	1100.00	73	F6-4	31/ 8/1987	1	.0
626	"	1105.00	55	F6-4	31/ 8/1987	1	.0
627	"	1110.00	51	F6-4	31/ 8/1987	1	.0
628	"	1115.00	15	F6-4	31/ 8/1987	1	.0
629	"	1115.00	39	F6-4	31/ 8/1987	1	.0
630	"	1120.00	41	F6-4	31/ 8/1987	1	.0
631	"	1125.00	22	F6-4	31/ 8/1987	1	.0
632	"	1130.00	17	F6-4	31/ 8/1987	1	.0
633	"	1135.00	7	F6-4	31/ 8/1987	1	.0
634	CREEK	10.00	38	F6-4	31/ 8/1987	1	.0
635	CREEK	10.00	82	F6-4	31/ 8/1987	1	.0
636	CREEK	10.00	26	F6-4	31/ 8/1987	1	.0
637	CREEK	10.00	31	F6-4	31/ 8/1987	1	.0
638	6901500mN	10.00	2	F6-4	31/ 8/1987	1	.0
639	6901000mN	10.00	2	F6-4	31/ 8/1987	1	.0
640	4802000mN	10.00	2	F6-4	31/ 8/1987	1	.0

PC-MINE VERSION 1.10
SERIAL NO : 20320
2/ 9/1987

Curragh Resources
Vangorda 8607 Geological Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 1.05
PAGE 17

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [646]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
641	6902500mN	10.00	2	F6-4	31/ 8/1987	1	.0
642	6903000mN	10.00	2	F6-4	31/ 8/1987	1	.0
643	593000mE	10.00	2	F6-4	31/ 8/1987	1	.0
644	593500mE	10.00	2	F6-4	31/ 8/1987	1	.0
645	594000mE	10.00	2	F6-4	31/ 8/1987	1	.0
646	594500mE	10.00	2	F6-4	31/ 8/1987	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [651] TO [736]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
650	<i>Vangorda pit outline</i>						
651	haul road	.00	104		11/ 7/1988	1	.0
652	c/l Vangorda Creek	.00	91		11/ 7/1988	1	.0
653	waste dump outline	.00	46		11/ 7/1988	1	.0
654	berm	.00	57		11/ 7/1988	1	.0
655	berm	.00	39		11/ 7/1988	1	20764.2
656	dump crest	.00	39		11/ 7/1988	1	.0
657	vangorda E runoff channel	.00	21		11/ 7/1988	1	.0
658	vangorda SE runoff channel	.00	21		11/ 7/1988	1	.0
659	water treatment pond	.00	56		11/ 7/1988	1	.0
660	section CC	.00	10		11/ 7/1988	1	.0
661	section DD	.00	11		11/ 7/1988	1	.0
662	test pit 1	.00	7		11/ 7/1988	1	35.1
663	test pit 2	.00	7		11/ 7/1988	1	34.2
664	test pit 3	.00	7		11/ 7/1988	1	37.4
665	test pit 4	.00	7		11/ 7/1988	1	35.2
666	test pit 5	.00	7		11/ 7/1988	1	33.4
667	test pit 6	.00	7		11/ 7/1988	1	35.9
668	test pit 7	.00	7		11/ 7/1988	1	33.6
669	test pit 8	.00	7		11/ 7/1988	1	35.6
670	test pit 9	.00	7		11/ 7/1988	1	35.9
671	creek	.00	40		11/ 7/1988	1	.0
672	creek	.00	50		11/ 7/1988	1	.0
673	creek	.00	33		11/ 7/1988	1	.0
674	vangorda N runoff ditch	.00	19		11/ 7/1988	1	.0
675	creek	.00	37		11/ 7/1988	1	.0
676	haul road	.00	241		11/ 7/1988	1	.0
677	grum dump outline	.00	166		11/ 7/1988	1	.0
678	grum 1170 dump bench	.00	70		11/ 7/1988	1	.0
679	grum 1220 dump bench	.00	61		11/ 7/1988	1	.0
680	grum 1260 dump bench	.00	82		11/ 7/1988	1	.0
681	grum 1300 dump bench	.00	27		11/ 7/1988	1	.0
682	main dump crest	.00	68		11/ 7/1988	1	.0
683	1315 crest	.00	14		11/ 7/1988	1	.0
684	1315 crest	.00	38		11/ 7/1988	1	.0
685	1288 dump	.00	53		11/ 7/1988	1	.0
686	creek	.00	21		11/ 7/1988	1	.0
687	ditch	.00	30		11/ 7/1988	1	.0
688	creek	.00	97		11/ 7/1988	1	.0
689	grum pit limit outline	.00	98		11/ 7/1988	1	.0
690	access road	.00	20		11/ 7/1988	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [651] TO [736]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
691	SE DB dump outline	.00	58		11/ 7/1988	1	.0
692	1245 berm	.00	44		11/ 7/1988	1	.0
693	1260 berm	.00	59		11/ 7/1988	1	.0
694	1275	.00	60		11/ 7/1988	1	.0
695	1290 crest - DB dump	.00	28		11/ 7/1988	1	.0
696	water treatment pond	.00	64		11/ 7/1988	1	.0
697	adit	.00	5		11/ 7/1988	1	138.9
698	NE ditch	.00	33		11/ 7/1988	1	.0
699	Doal Lake	.00	211		11/ 7/1988	1	.0
700	powerline	.00	28		11/ 7/1988	1	.0
701	road	.00	34		11/ 7/1988	1	.0
702	powerline	.00	4		11/ 7/1988	1	.0
703	road	.00	12		11/ 7/1988	1	.0
704	road	.00	30		11/ 7/1988	1	.0
705	haul road	.00	37		11/ 7/1988	1	.0
706	1325 dump	.00	48		11/ 7/1988	1	.0
707	ore transfer area	.00	59		11/ 7/1988	1	.0
708	survey control 1408	.00	4		11/ 7/1988	1	34.2
709	survey control 1406	.00	4		11/ 7/1988	1	34.4
710	creek	.00	229		11/ 7/1988	1	.0
711	creek	.00	41		11/ 7/1988	1	.0
712	creek	.00	35		11/ 7/1988	1	.0
713	creek	.00	45		11/ 7/1988	1	.0
714	creek	.00	18		11/ 7/1988	1	.0
715	section AA	.00	10		13/ 7/1988	1	.0
716	section BB	.00	10		13/ 7/1988	1	.0
717	road	.00	93		13/ 7/1988	1	684092.8
718	ramp	.00	7		13/ 7/1988	1	.0
719	ditches	.00	7		13/ 7/1988	1	.0
720	ditch	.00	2		13/ 7/1988	1	.0
721	contingency collector ditch	.00	27		13/ 7/1988	1	.0
722	lake vangorda	.00	87		13/ 7/1988	1	110695.6
723	road and airstrip	.00	53		13/ 7/1988	1	.0
724	road	.00	26		13/ 7/1988	1	.0
725	SECTION AA	.00	10		13/ 7/1988	1	.0
726	SECTION BB	.00	10		13/ 7/1988	1	.0
727	SECTION CC	.00	10		13/ 7/1988	1	.0
728	SECTION FF	.00	10		13/ 7/1988	1	.0
729	SECTION GG	.00	10		13/ 7/1988	1	.0
730	survey control 1461	.00	4		13/ 7/1988	1	23.6

PC-MINE VERSION 1.10
SERIAL NO : 20320
13/ 7/1988

Curragh Resources
Vangorda 8607 Geological Model

SOFTWARE BY GEMCOM SERVICES INC
MODULE 1.05
PAGE 3

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [651] TO [736]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
731	champ zone	.00	47		13/ 7/1988	1	88047.7
732	creek	.00	56		13/ 7/1988	1	.0
733	section EE	.00	10		13/ 7/1988	1	.0
734	section DD	.00	10		13/ 7/1988	1	.0
735	survey control 1405	.00	4		13/ 7/1988	1	32.0
736	lake	.00	16		13/ 7/1988	1	177.4

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]

SUMMARY PRINTOUT

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RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
1	PARTIALLY ABOVE TOPO FOR 2W	12.00	29	2W	1/ 1/1980	1	24817.9
2	OVERBURDEN FOR 2W	11.00	50	2W	1/ 1/1980	1	4890.3
3	4A (CODE 1) FOR 2W	1.00	64	2W	1/ 1/1980	1	723.4
4	4EG (CODE 5) FOR 2W, FIRST AREA	5.00	70	2W	1/ 1/1980	1	164.5
5	4EC (CODE 3) FOR 2W	3.00	51	2W	1/ 1/1980	1	419.2
6	4EG (CODE 5) FOR 2W, SECOND-LOWER-AREA	5.00	18	2W	1/ 1/1980	1	87.7
7	PARTIALLY ABOVE TOPO FOR 0E	12.00	51	0E	1/ 1/1980	1	25545.3
8	OVERBURDEN FOR 0E NORTH OF CK	11.00	55	0E	1/ 1/1980	1	2147.5
9	OVERBURDEN FOR 0E AREA SOUTH OF CK	11.00	22	0E	1/ 1/1980	1	704.4
10	4A FOR 0E UPPER PART	1.00	140	0E	1/ 1/1980	1	2048.5
11	4A FOR 0E - LOWER PART	1.00	97	0E	1/ 1/1980	1	585.2
12	4G FOR 0E - HIGHEST PART	5.00	34	0E	1/ 1/1980	1	126.0
13	4EG FOR 0E - MAIN PART	5.00	199	0E	1/ 1/1980	1	1726.3
14	4H FOR 0E - LOAD AFTER MAIN 4G	6.00	75	0E	1/ 1/1980	1	140.7
15	4E FOR 0E - SMALL UPPER INFOLD	4.00	25	0E	1/ 1/1980	1	62.6
16	4EC FOR 0E - SW PART	3.00	34	0E	1/ 1/1980	1	590.5
17	4EC FOR 0E - NE PART	3.00	23	0E	1/ 1/1980	1	145.0
18	4C FOR 0E	2.00	44	0E	1/ 1/1980	1	408.9
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	12.00	43	2E	1/ 1/1980	1	27502.2
20	OVERBURDEN FOR 2E	11.00	92	2E	1/ 1/1980	1	6752.4
21	4A FOR 2E - UPPER PART	1.00	170	2E	1/ 1/1980	1	2948.2
22	4A FOR 2E - LOWER PART	1.00	109	2E	1/ 1/1980	1	1191.6
23	4A FOR 2E - SMALL SW BODY	1.00	57	2E	1/ 1/1980	1	431.9
24	4EG FOR 2E - UPPER PART	5.00	232	2E	1/ 1/1980	1	2392.3
25	4EG FOR 2E - LOWER PART	5.00	93	2E	1/ 1/1980	1	974.5
26	4H FOR 2E	6.00	15	2E	1/ 1/1980	1	70.7
27	4EC FOR 2E	3.00	47	2E	1/ 1/1980	1	488.2
28	4C FOR 2E	2.00	96	2E	1/ 1/1980	1	1352.6
29	QUARTZ VEIN	10.00	14	2E	1/ 1/1980	1	16.4
30	PARTIALLY ABOVE TOPOGRAPHY FOR 4E	12.00	43	4E	1/ 1/1980	1	27600.0
31	OVERBURDEN FOR 4E	11.00	81	4E	1/ 1/1980	1	8294.7
32	4A FOR 4E - TOP PART NE OF OGO	1.00	34	4E	1/ 1/1980	1	848.8
33	4A FOR 4E - TOP PART BETWEEN OGO'S	1.00	24	4E	1/ 1/1980	1	104.0
34	4A FOR 4E - TOP PART SW OF ALL OGO	1.00	15	4E	1/ 1/1980	1	118.0
35	4A FOR 4E - BETWEEN THE 4EG'S	1.00	68	4E	1/ 1/1980	1	467.3
36	4A FOR 4E - NE PART BETWEEN FAULTS	1.00	116	4E	1/ 1/1980	1	905.2
37	4S FOR 4E	2.00	155	4E	1/ 1/1980	1	3544.6
38	4EC FOR 4E	3.00	150	4E	1/ 1/1980	1	796.3
39	4EG FOR 4E - UPPER PART NE OF OGO	5.00	88	4E	1/ 1/1980	1	1021.9
40	4EG FOR 4E - LOWER PART	5.00	154	4E	1/ 1/1980	1	1944.8

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PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
41	4EG FOR 4E - SMALL POD LOAD AFTER 4A	5.00	12	4E	1/ 1/1980	1	14.1
42	4EG FOR 4E - BETWEEN OOO'S	5.00	6	4E	1/ 1/1980	1	25.2
43	4EG FOR 4E - SW OF OOO	5.00	14	4E	1/ 1/1980	1	209.0
44	4H FOR 4E - BETWEEN OOO'S	6.00	5	4E	1/ 1/1980	1	5.9
45	4H FOR 4E - SW OF OOO	6.00	34	4E	1/ 1/1980	1	116.7
46	BIG QUARTZ VEIN	10.00	24	4E	1/ 1/1980	1	451.1
47	LITTLE QUARTZ VEIN	10.00	22	4E	1/ 1/1980	1	139.4
48	PARTIALLY ABOVE TOPOGRAPHY FOR 6E	12.00	28	6E	14/ 6/1986	1	26051.3
49	OVERBURDEN FOR 6E	11.00	49	6E	14/ 6/1986	1	10795.5
50	4A FOR 6E	1.00	200	6E	14/ 6/1986	1	1777.8
51	4C FOR 6E	2.00	108	6E	14/ 6/1986	1	2941.3
52	4EC FOR 6E	3.00	111	6E	14/ 6/1986	1	955.7
53	4H FOR 6E	6.00	53	6E	14/ 6/1986	1	134.8
54	4EG FOR 6E - UPPER INFOLD	5.00	30	6E	14/ 6/1986	1	106.5
55	4EG FOR 6E - THIN BAND ABOVE FAULT	5.00	50	6E	14/ 6/1986	1	297.8
56	4EG FOR 6E - MAIN PART	5.00	131	6E	14/ 6/1986	1	1541.5
57	4EG FOR 6E - SMALL SW HORIZON	5.00	219	6E	14/ 6/1986	1	495.8
58	4E FOR 6E - SMALL LOWER BAND	4.00	110	6E	14/ 6/1986	1	87.8
59	4A FOR 6E - SMALL LOWER BAND	1.00	64	6E	14/ 6/1986	1	75.1
60	PARTIALLY ABOVE TOPOGRAPHY FOR 8E	12.00	55	8E	16/ 6/1986	1	23981.8
61	OVERBURDEN FOR 8E	11.00	100	8E	16/ 6/1986	1	12166.8
62	4A FOR 8E - UPPER PART	1.00	163	8E	16/ 6/1986	1	1159.4
63	4C FOR 8E - UPPER PART	2.00	130	8E	16/ 6/1986	1	3776.4
64	4EC FOR 8E	3.00	108	8E	16/ 6/1986	1	1099.4
65	4EG FOR 8E - MAIN PART	5.00	186	8E	16/ 6/1986	1	1871.0
66	4A FOR 8E - LOWER PART	1.00	120	8E	16/ 6/1986	1	267.7
67	4A FOR 8E - LOWER PART	1.00	55	8E	16/ 6/1986	1	56.4
68	4A FOR 8E - LOWER PART	1.00	94	8E	16/ 6/1986	1	675.7
69	4E FOR 8E	4.00	143	8E	16/ 6/1986	1	310.0
70	4C FOR 8E - LOWER PART	2.00	29	8E	16/ 6/1986	1	218.3
71	4C FOR 8E - LOWEST PART	2.00	32	8E	16/ 6/1986	1	145.9
72	PARTIALLY ABOVE TOPOGRAPHY FOR 10E	12.00	34	10E	16/ 6/1986	1	22595.9
73	OVERBURDEN FOR 10E	11.00	71	10E	16/ 6/1986	1	12629.3
74	4A FOR 10E - MAIN PART	1.00	65	10E	16/ 6/1986	1	798.8
75	4C FOR 10E - MAIN PART	2.00	67	10E	16/ 6/1986	1	1345.6
76	4EG FOR 10E - MAIN PART	5.00	126	10E	16/ 6/1986	1	1428.8
77	4EG FOR 10E - SMALL PART NE OF OOO	5.00	8	10E	16/ 6/1986	1	23.2
78	4EG FOR 10E - SMALL BAND SW OF OOO	5.00	58	10E	16/ 6/1986	1	147.4
79	4E FOR 10E - UPPER PART	4.00	103	10E	16/ 6/1986	1	621.6
80	4A FOR 10E - SMALL UPPER BAND	1.00	76	10E	16/ 6/1986	1	104.9

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 PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]
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 SUMMARY PRINTOUT

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RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
81	4E FOR 10E - SMALL FOLDED LOWER BAND	4.00	130	10E	16/ 6/1986	1	120.4
82	4A FOR 10E - SMALL LOWER SW POD	1.00	20	10E	16/ 6/1986	1	255.0
83	4A FOR 10E - LOWER UNIT	1.00	60	10E	16/ 6/1986	1	219.5
84	4E FOR 10E - LOWER OF THE SMALL LOWER PODS	4.00	13	10E	16/ 6/1986	1	73.0
85	4C FOR 10E - LOWER UNIT	2.00	68	10E	16/ 6/1986	1	421.7
86	4E FOR 10E SMALL POD IN LOWER 4C	4.00	14	10E	16/ 6/1986	1	39.9
87	PARTIALLY ABOVE TOPOGRAPHY FOR 12 E	12.00	42	12E	16/ 6/1986	1	21478.7
88	OVERBURDEN FOR 12 E	11.00	75	12E	16/ 6/1986	1	11059.2
89	4EG FOR 12E - UPPER POD JUST BENEATH OB	5.00	29	12E	16/ 6/1986	1	482.3
90	4EG FOR 12E - PART BELOW FAULT	5.00	74	12E	16/ 6/1986	1	283.0
91	4EG FOR 12E - THIN POD IN FAULT ZONE	5.00	45	12E	16/ 6/1986	1	181.9
92	4A FOR 12E - UPPER THIN BAND	1.00	42	12E	16/ 6/1986	1	236.1
93	4A FOR 12E THIN POD IN FAULT ZONE	1.00	18	12E	16/ 6/1986	1	77.5
94	4C FOR 12E UPPER PART	2.00	52	12E	16/ 6/1986	1	1253.8
95	4A FOR 12E LOWER INFOLD	1.00	173	12E	16/ 6/1986	1	1597.4
96	4E FOR 12E UPPER OF TWO THIN FOLDED BANDS IN LOWER INFOLD	4.00	85	12E	16/ 6/1986	1	102.1
97	4E FOR 12E LOWER OF THE THIN FOLDED BANDS	4.00	35	12E	16/ 6/1986	1	73.4
98	4C FOR 12E - LOWER UNIT	2.00	63	12E	16/ 6/1986	1	601.3
99	PARTIALLY ABOVE TOPOGRAPHY FOR 14E	12.00	49	14E	16/ 6/1986	1	21063.5
100	OVERBURDEN FOR 14E	11.00	92	14E	16/ 6/1986	1	6721.4
101	4EG FOR 14E	5.00	92	14E	16/ 6/1986	1	882.4
102	4EC FOR 14E	3.00	67	14E	16/ 6/1986	1	1131.9
103	4C FOR 14E	2.00	40	14E	16/ 6/1986	1	867.3
104	4E FOR 14E UPPER BAND	4.00	37	14E	16/ 6/1986	1	117.3
105	4A FOR 14E UPPER BAND	1.00	50	14E	16/ 6/1986	1	180.3
106	4A FOR 14E LOWER UNIT	1.00	198	14E	16/ 6/1986	1	1888.8
107	4E FOR 14E LOWER BAND	4.00	31	14E	16/ 6/1986	1	46.1
108	PARTIALLY ABOVE TOPOGRAPHY FOR 16E	12.00	54	16E	16/ 6/1986	1	21345.0
109	OVERBURDEN FOR 16E	11.00	102	16E	16/ 6/1986	1	5923.3
110	4EG FOR 16E MAIN PART	5.00	42	16E	16/ 6/1986	1	838.9
111	4EC FOR 16 E	3.00	70	16E	16/ 6/1986	1	1232.0
112	4EG FOR 16E SMALL POD	5.00	19	16E	16/ 6/1986	1	75.4
113	4C FOR 16E	2.00	60	16E	16/ 6/1986	1	1547.3
114	4E FOR 16E	4.00	18	16E	16/ 6/1986	1	114.5
115	4A FOR 16E	1.00	44	16E	16/ 6/1986	1	777.4
116	PARTIALLY ABOVE TOPOGRAPHY FOR 18E	12.00	47	18E	16/ 6/1986	1	22758.8
117	OVERBURDEN FOR 18E	11.00	89	18E	16/ 6/1986	1	5212.9
118	4S FOR 18E UPPER PART	2.00	18	18E	16/ 6/1986	1	309.1
119	4C FOR 18E LOWER PART	2.00	31	18E	16/ 6/1986	1	352.8
120	4EC FOR 18E	3.00	47	18E	16/ 6/1986	1	581.8

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PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
121	4E FOR 18E UPPER BAND	4.00	20	18E	16/ 6/1986	1	86.2
122	4EG FOR 18E	5.00	64	18E	16/ 6/1986	1	762.5
123	4E FOR 18E UPPER THIN BAND IN LOWER INFOLD	4.00	65	18E	16/ 6/1986	1	182.8
124	4A FOR 18E IN LOWER INFOLD	1.00	108	18E	16/ 6/1986	1	1304.6
125	4E FOR 18E THIN BAND INSIDE 4A LOAD AFTWR PRECEEDING RECORD	4.00	58	18E	16/ 6/1986	1	98.7
126	PARTIALLY ABOVE TOPOGRAPHY FOR 20E	12.00	46	20E	17/ 6/1986	1	22729.8
127	OVERBURDEN FOR 20E	11.00	89	20E	17/ 6/1986	1	3196.3
128	4EG FOR 20E MAIN PART	5.00	49	20E	17/ 6/1986	1	615.4
129	4EG FOR 20E SMALL UPPER POD	5.00	23	20E	17/ 6/1986	1	106.2
130	4EC FOR 20E	3.00	54	20E	17/ 6/1986	1	569.2
131	4A FOR 20E	1.00	198	20E	17/ 6/1986	1	1240.6
132	PARTIALLY ABOVE TOPOGRAPHY FOR 22E	12.00	52	22E	17/ 6/1986	1	21806.6
133	OVERBURDEN FOR 22E	11.00	93	22E	17/ 6/1986	1	4218.9
134	4C FOR 22E	2.00	47	22E	17/ 6/1986	1	489.6
135	4EC FOR 22E LOWER UNIT	3.00	71	22E	17/ 6/1986	1	494.5
136	4EC FOR 22E UPPER UNIT	3.00	36	22E	17/ 6/1986	1	249.4
137	4EG FOR 22E	5.00	63	22E	17/ 6/1986	1	476.1
138	4A FOR 22E UPPER UNIT	1.00	58	22E	17/ 6/1986	1	924.1
139	4E FOR 22E UPPER UNIT	4.00	53	22E	17/ 6/1986	1	454.7
140	4E FOR 22E LOWER UNIT	4.00	15	22E	17/ 6/1986	1	138.3
141	4A FOR 22E UPPER PART OF LOWER INFOLD	1.00	46	22E	17/ 6/1986	1	601.9
142	4A FOR 22E LOWEST UNIT	1.00	17	22E	17/ 6/1986	1	195.6
143	PARTIALLY ABOVE TOPOGRAPHY FOR 24E	12.00	44	24E	17/ 6/1986	1	21193.7
144	OVERBURDEN FOR 24E	11.00	83	24E	17/ 6/1986	1	3975.4
145	4C FOR 24E	2.00	113	24E	17/ 6/1986	1	1260.0
146	4C FOR 24E SMALL POD	2.00	16	24E	17/ 6/1986	1	21.2
147	4EG FOR 24E SMALLER FOLDED POD	5.00	63	24E	17/ 6/1986	1	411.2
148	4EG FOR 24E MAIN POD	5.00	46	24E	17/ 6/1986	1	1028.0
149	4A FOR 24E UPPER PART	1.00	51	24E	17/ 6/1986	1	1123.1
150	4A FOR 24E LOWER PART	1.00	88	24E	17/ 6/1986	1	2692.7
151	PARTIALLY ABOVE TOPOGRAPHY FOR 26E	12.00	46	26E	17/ 6/1986	1	20398.9
152	OVERBURDEN FOR 26E	11.00	98	26E	17/ 6/1986	1	4760.7
153	4C FOR 26E	2.00	104	26E	17/ 6/1986	1	1202.8
154	4EC FOR 26E	3.00	62	26E	17/ 6/1986	1	1100.7
155	4EG FOR 26E MAIN PART	5.00	25	26E	17/ 6/1986	1	162.8
156	4E FOR 26E UPPER THIN UNIT	4.00	48	26E	17/ 6/1986	1	55.5
157	4A FOR 26E UPPER THIN BAND	1.00	49	26E	17/ 6/1986	1	86.9
158	4A FOR 26E LOWER UNIT	1.00	113	26E	17/ 6/1986	1	2230.0
159	4EG FOR 26E LOWEST POD	5.00	13	26E	17/ 6/1986	1	39.2
160	4EG FOR 26E THIN POD INSIDE 4A	5.00	14	26E	17/ 6/1986	1	71.6

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PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
161	PARTIALLY ABOVE TOPOGRAPHY FOR 28E	12.00	43	28E	17/ 6/1986	1	19221.4
162	OVERBURDEN FOR 28E	11.00	84	28E	17/ 6/1986	1	4912.6
163	4C FOR 28E	2.00	36	28E	17/ 6/1986	1	1056.0
164	4EG FOR 28E	5.00	19	28E	17/ 6/1986	1	156.9
165	END VG TOPO	1205.00	3	TOPO	18/ 6/1986	1	.0
166	"	1200.00	4	TOPO	18/ 6/1986	1	.0
167	"	1195.00	6	TOPO	18/ 6/1986	1	.0
168	"	1190.00	8	TOPO	18/ 6/1986	1	.0
169	"	1185.00	11	TOPO	18/ 6/1986	1	.0
170	"	1180.00	13	TOPO	18/ 6/1986	1	.0
171	"	1175.00	16	TOPO	18/ 6/1986	1	.0
172	"	1170.00	20	TOPO	18/ 6/1986	1	.0
173	"	1165.00	22	TOPO	18/ 6/1986	1	.0
174	"	1160.00	21	TOPO	18/ 6/1986	1	.0
175	"	1155.00	23	TOPO	18/ 6/1986	1	.0
176	"	1150.00	27	TOPO	18/ 6/1986	1	.0
177	"	1145.00	28	TOPO	18/ 6/1986	1	.0
178	"	1145.00	27	TOPO	18/ 6/1986	1	.0
179	"	1140.00	56	TOPO	18/ 6/1986	1	.0
180	"	1135.00	52	TOPO	18/ 6/1986	1	.0
181	"	1130.00	3	TOPO	18/ 6/1986	1	.0
182	"	1130.00	36	TOPO	18/ 6/1986	1	.0
183	"	1125.00	30	TOPO	18/ 6/1986	1	.0
184	"	1120.00	22	TOPO	18/ 6/1986	1	.0
185	"	1115.00	7	TOPO	18/ 6/1986	1	.0
186	"	1150.00	20	TOPO	18/ 6/1986	1	.0
187	"	1155.00	17	TOPO	18/ 6/1986	1	.0
188	"	1160.00	31	TOPO	18/ 6/1986	1	.0
189	"	1165.00	27	TOPO	18/ 6/1986	1	.0
190	"	1170.00	23	TOPO	18/ 6/1986	1	.0
191	"	1175.00	11	TOPO	18/ 6/1986	1	.0
192	"	1175.00	5	TOPO	18/ 6/1986	1	.0
193	"	1180.00	7	TOPO	18/ 6/1986	1	.0
194	"	1185.00	4	TOPO	18/ 6/1986	1	.0
195	"	1155.00	20	TOPO	18/ 6/1986	1	.0
196	"	1150.00	24	TOPO	18/ 6/1986	1	.0
197	"	1150.00	5	TOPO	18/ 6/1986	1	.0
198	"	1145.00	25	TOPO	18/ 6/1986	1	.0
199	"	1140.00	21	TOPO	18/ 6/1986	1	.0
200	"	1135.00	16	TOPO	18/ 6/1986	1	.0

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 113/114 ✓
 115/116 ✓

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [1] TO [220]

SUMMARY PRINTOUT

RECORD	DESCRIPTION	ELEVATION [m]	NO. OF POINTS	CODE	DATE	STATUS	AREA [m**2]
201	"	1130.00	9	TOPO	18/ 6/1986	1	.0
202	"	1125.00	4	TOPO	18/ 6/1986	1	.0
203	"	1180.00	2	TOPO	18/ 6/1986	1	.0
204	"	1175.00	5	TOPO	18/ 6/1986	1	.0
205	"	1170.00	7	TOPO	18/ 6/1986	1	.0
206	"	1167.50	6	TOPO	18/ 6/1986	1	.0
207	"	1165.00	7	TOPO	18/ 6/1986	1	.0
208	"	1160.00	17	TOPO	18/ 6/1986	1	.0
209	"	1165.00	7	TOPO	18/ 6/1986	1	.0
210	"	1162.50	7	TOPO	18/ 6/1986	1	.0
211	"	1157.50	4	TOPO	18/ 6/1986	1	.0
212	"	1155.00	21	TOPO	18/ 6/1986	1	.0
213	"	1150.00	10	TOPO	18/ 6/1986	1	.0
214	"	1152.50	3	TOPO	18/ 6/1986	1	.0
215	"	1152.50	3	TOPO	18/ 6/1986	1	.0
216	"	1157.50	3	TOPO	18/ 6/1986	1	.0
217	"	1162.50	6	TOPO	18/ 6/1986	1	.0
218	"	1165.00	5	TOPO	18/ 6/1986	1	.0
219	"	1170.00	2	TOPO	18/ 6/1986	1	.0
220	"	1147.50	3	TOPO	18/ 6/1986	1	.0

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [24] TO [25]

DETAILED PRINTOUT FOR RECORD [24]

DATE CAPTURED : 1/ 1/1980

POLYGON DESCRIPTION : 4EG FOR 2E - UPPER PART

ELEVATION : 5.00 CODE : 2E

NO OF POINTS : 232 STATUS : 1

115 - 148

POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]
1	1090.86	147.98	2	1101.49	115.77	3	1099.82	115.82	4	1098.50	116.84
5	1097.33	119.85	6	1096.34	124.29	7	1096.00	127.99	8	1095.55	131.52
9	1095.54	133.22	10	1095.29	133.84	11	1094.93	133.99	12	1094.25	133.36
13	1093.08	130.84	14	1091.98	128.16	15	1090.62	124.84	16	1089.60	122.90
17	1088.82	121.87	18	1088.50	121.67	19	1088.30	122.16	20	1088.23	124.44
21	1089.07	128.24	22	1090.48	134.00	23	1092.10	139.88	24	1093.51	145.59
25	1095.20	151.50	26	1096.19	157.78	27	1097.18	163.93	28	1097.12	164.60
29	1096.83	164.74	30	1096.38	164.26	31	1095.77	163.64	32	1095.57	163.67
33	1095.51	164.44	34	1095.66	166.23	35	1096.20	170.48	36	1096.90	173.63
37	1097.33	177.82	38	1097.56	182.96	39	1097.45	186.26	40	1097.23	187.66
41	1096.95	187.84	42	1096.52	187.55	43	1095.88	187.11	44	1095.54	186.68
45	1095.06	186.84	46	1094.77	188.08	47	1094.40	190.39	48	1094.12	193.80
49	1093.84	197.68	50	1093.70	201.45	51	1093.54	203.23	52	1093.84	208.00
53	1094.41	212.14	54	1094.88	216.40	55	1095.59	221.89	56	1096.29	226.96
57	1096.76	231.43	58	1097.04	235.91	59	1097.66	241.10	60	1098.32	244.67
61	1098.49	245.47	62	1099.04	250.14	63	1099.75	254.95	64	1100.36	259.41
65	1101.03	263.88	66	1101.45	267.91	67	1102.16	273.51	68	1102.47	276.15
69	1102.58	281.28	70	1101.65	276.19	71	1100.52	272.56	72	1098.83	268.48
73	1097.41	265.26	74	1095.73	262.24	75	1095.04	261.10	76	1094.74	260.87
77	1094.38	260.84	78	1094.20	261.16	79	1094.19	261.93	80	1093.95	262.90
81	1093.86	263.19	82	1093.44	263.04	83	1092.89	262.33	84	1091.64	260.72
85	1089.93	258.38	86	1088.35	255.64	87	1087.51	254.67	88	1086.74	254.22
89	1086.26	254.23	90	1085.76	254.49	91	1085.68	255.31	92	1085.43	255.85
93	1084.80	255.87	94	1083.82	255.25	95	1082.89	254.47	96	1081.79	253.17
97	1081.04	252.53	98	1080.70	252.40	99	1080.28	252.39	100	1079.97	252.67
101	1079.94	253.79	102	1080.08	255.18	103	1080.14	256.44	104	1079.89	256.92
105	1079.67	257.23	106	1079.34	257.43	107	1078.69	257.40	108	1078.10	256.47
109	1076.66	254.67	110	1074.92	251.90	111	1073.15	248.20	112	1070.27	242.39
113	1069.53	236.95	114	1069.00	231.91	115	1068.43	225.91	116	1067.84	219.68
117	1067.33	211.51	118	1067.29	203.56	119	1066.76	194.06	120	1066.74	184.59
121	1066.70	174.26	122	1065.85	163.34	123	1064.81	152.87	124	1062.94	140.38
125	1062.23	129.05	126	1062.29	120.12	127	1062.77	113.49	128	1063.15	122.46
129	1063.50	129.05	130	1064.17	138.31	131	1065.21	152.82	132	1066.68	161.78

137	1073.40	152.37	138	1073.99	145.06	139	1073.78	138.66	140	1073.18	131.76
141	1073.15	128.80	142	1072.09	120.78	143	1071.43	116.01	144	1070.87	110.45
145	1070.71	103.97	146	1075.82	101.42	147	1076.90	110.19	148	1076.90	118.32
149	1076.38	126.56	150	1076.25	128.60	151	1076.30	136.04	152	1076.11	143.92
153	1075.91	152.33	154	1075.56	160.58	155	1075.33	169.58	156	1075.29	174.04
157	1076.01	181.37	158	1077.45	189.22	159	1079.50	196.45	160	1081.37	203.17
161	1083.00	209.28	162	1084.35	215.20	163	1085.95	220.60	164	1087.83	226.91
165	1089.33	232.39	166	1090.48	235.28	167	1090.65	235.80	168	1091.04	235.97
169	1091.20	235.15	170	1091.30	234.31	171	1091.55	234.91	172	1091.71	234.69
173	1091.84	233.79	174	1091.70	232.11	175	1091.32	227.93	176	1090.25	218.76
177	1089.57	209.07	178	1089.17	202.99	179	1088.54	197.45	180	1090.22	202.87
181	1091.03	208.06	182	1092.15	213.77	183	1092.06	203.00	184	1091.83	195.40
185	1091.51	186.72	186	1091.51	180.64	187	1091.63	179.60	188	1092.03	178.97
189	1092.43	178.78	190	1093.08	179.20	191	1093.61	179.33	192	1093.62	178.14
193	1092.95	173.40	194	1091.67	164.70	195	1090.42	158.18	196	1089.32	151.68
197	1088.74	149.16	198	1088.85	148.31	199	1089.35	147.98	200	1090.00	148.48
201	1090.60	148.53	202	1090.84	147.51	203	1090.61	145.67	204	1089.50	140.74
205	1088.56	134.86	206	1087.12	128.19	207	1085.89	118.83	208	1085.86	116.56
209	1086.23	115.63	210	1086.68	115.07	211	1087.18	115.21	212	1087.85	115.76
213	1088.31	116.45	214	1090.46	120.05	215	1092.13	123.44	216	1092.55	123.79
217	1092.91	123.97	218	1093.12	123.67	219	1093.34	123.18	220	1093.68	123.34
221	1093.86	123.91	222	1094.41	123.86	223	1094.44	122.69	224	1094.22	120.76
225	1094.34	117.31	226	1095.28	114.40	227	1096.77	113.02	228	1098.29	113.07
229	1100.06	113.24	230	1100.68	114.07	231	1100.70	114.03	232	1090.85	147.98

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [24] TO [25]

DETAILED PRINTOUT FOR RECORD [25]

DATE CAPTURED : 1/ 1/1980
 POLYGON DESCRIPTION : 4EG FOR 2E - LOWER PART
 ELEVATION : 5.00 CODE : 2E
 NO OF POINTS : 93 STATUS : 1

POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]
1	1077.28	285.33	2	1076.69	279.49	3	1075.37	273.44	4	1074.11	266.24
5	1072.50	257.99	6	1071.25	251.32	7	1071.19	248.26	8	1070.33	242.80
9	1069.69	238.05	10	1069.18	232.85	11	1068.47	226.23	12	1067.68	216.97
13	1067.28	210.26	14	1067.19	203.48	15	1066.77	197.40	16	1066.75	189.79
17	1066.69	184.59	18	1065.99	178.83	19	1065.13	174.28	20	1063.56	170.08
21	1061.08	166.57	22	1058.83	163.71	23	1056.66	159.92	24	1054.65	155.72
25	1053.92	153.51	26	1052.82	150.90	27	1051.20	147.95	28	1051.49	153.62
29	1051.44	159.57	30	1050.17	153.66	31	1047.81	149.75	32	1045.75	146.48
33	1042.66	142.80	34	1038.96	140.06	35	1035.73	139.49	36	1032.41	139.95
37	1038.00	142.27	38	1027.69	146.22	39	1026.08	149.72	40	1026.16	150.89
41	1027.12	149.33	42	1028.93	147.05	43	1030.77	145.43	44	1032.35	144.51
45	1033.23	144.89	46	1034.32	144.42	47	1035.37	144.96	48	1036.43	145.94
49	1037.30	148.03	50	1040.43	154.27	51	1042.84	159.09	52	1044.55	161.49
53	1045.16	162.38	54	1045.67	162.53	55	1046.22	162.21	56	1046.63	161.55
57	1046.86	160.75	58	1047.36	160.09	59	1048.27	160.16	60	1048.83	161.32
61	1049.48	162.83	62	1050.40	165.39	63	1051.45	167.80	64	1052.65	169.59
65	1053.03	169.78	66	1053.37	169.45	67	1053.67	169.03	68	1053.89	168.10
69	1054.34	167.41	70	1054.83	167.15	71	1055.33	168.39	72	1056.11	171.43
73	1056.86	174.64	74	1057.19	177.92	75	1057.74	183.27	76	1058.49	189.05
77	1059.12	195.99	78	1059.93	203.76	79	1060.68	210.98	80	1061.69	218.45
81	1062.51	226.76	82	1063.53	235.24	83	1064.85	243.28	84	1065.80	248.53
85	1067.56	254.58	86	1069.58	260.38	87	1071.61	266.31	88	1073.46	271.55
89	1075.16	276.70	90	1075.90	279.56	91	1076.52	282.61	92	1076.52	282.60
93	1077.28	285.33									

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [27] TO [27]

DETAILED PRINTOUT FOR RECORD [27]

DATE CAPTURED : 1/ 1/1980

POLYGON DESCRIPTION : 4EC FOR 2E

ELEVATION : 3.00 CODE : 2E

NO OF POINTS : 47 STATUS : 1

POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]
1	1064.06	239.92	2	1062.83	230.28	3	1062.03	222.38	4	1060.60	211.56
5	1060.00	203.69	6	1059.36	197.56	7	1058.59	190.91	8	1057.68	183.09
9	1056.96	176.20	10	1056.88	174.54	11	1056.21	171.37	12	1055.53	168.72
13	1054.95	167.29	14	1054.44	167.37	15	1053.87	168.61	16	1053.30	169.53
17	1052.83	169.75	18	1052.12	168.64	19	1050.63	165.98	20	1049.15	162.52
21	1048.28	160.41	22	1047.77	160.26	23	1047.18	160.19	24	1046.85	161.13
25	1046.37	162.21	26	1045.55	162.50	27	1043.91	160.94	28	1042.08	157.84
29	1040.38	154.19	30	1037.99	149.53	31	1039.61	154.43	32	1041.34	160.15
33	1043.68	166.14	34	1045.10	170.31	35	1046.56	175.32	36	1048.62	182.26
37	1050.38	188.19	38	1051.75	194.14	39	1052.65	199.79	40	1053.47	203.99
41	1054.96	211.26	42	1057.38	218.50	43	1059.40	224.60	44	1061.45	231.22
45	1063.14	236.68									
46	1063.67	238.67									
47	1064.06	239.92									

PRINTOUT OF POLYGON INFORMATION FOR RECORDS [28] TO [28]

DETAILED PRINTOUT FOR RECORD [28]

DATE CAPTURED : 1/ 1/1980

POLYGON DESCRIPTION : 4C FOR 2E

ELEVATION : 2.00 CODE : 2E

NO OF POINTS : 96 STATUS : 1

POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]	POINT	NORTHING [m]	EASTING [m]
1	1063.67	238.67	2	1025.26	159.24	3	1026.86	155.15	4	1028.38	152.72
5	1029.65	151.53	6	1031.28	150.56	7	1032.99	150.70	8	1034.66	151.81
9	1036.22	154.42	10	1038.38	159.85	11	1039.85	164.33	12	1042.11	170.15
13	1044.33	175.30	14	1046.79	181.64	15	1048.67	187.40	16	1051.02	194.82
17	1052.14	200.49	18	1053.13	204.01	19	1054.62	210.09	20	1056.26	215.12
21	1058.40	221.02	22	1060.51	228.15	23	1062.40	234.36	24	1063.87	239.89
25	1065.05	245.26	26	1065.72	248.76	27	1067.51	254.77	28	1069.56	260.59
29	1071.49	265.73	30	1073.29	271.22	31	1074.93	276.37	32	1075.85	279.53
33	1077.18	285.04	34	1077.81	289.08	35	1077.58	289.52	36	1076.78	289.14
37	1076.27	289.10	38	1075.71	289.45	39	1075.53	291.00	40	1075.51	293.09
41	1075.51	294.86	42	1075.41	295.90	43	1075.15	296.20	44	1074.83	296.40
45	1074.32	295.83	46	1073.60	294.87	47	1072.96	294.04	48	1072.76	293.93
49	1072.61	294.53	50	1072.55	295.70	51	1072.52	296.50	52	1072.34	297.09
53	1072.02	297.39	54	1071.49	297.52	55	1070.88	297.26	56	1070.16	296.49
57	1068.89	295.00	58	1068.03	293.20	59	1067.42	292.22	60	1067.13	292.47
61	1066.87	293.04	62	1066.46	292.33	63	1065.70	290.48	64	1064.30	287.19
65	1061.52	281.34	66	1060.08	274.83	67	1058.52	267.81	68	1056.23	259.87
69	1054.76	254.39	70	1053.54	249.39	71	1051.85	241.91	72	1050.04	233.56
73	1047.33	221.27	74	1044.82	208.15	75	1044.08	204.30	76	1042.02	195.54
77	1040.42	186.46	78	1039.99	180.95	79	1044.61	188.59	80	1048.53	193.48
81	1046.54	186.26	82	1043.70	177.63	83	1042.97	175.39	84	1039.63	166.47
85	1036.38	158.50	86	1034.63	154.64	87	1033.49	152.34	88	1032.38	151.53
89	1030.93	151.59	90	1029.39	152.52	91	1028.10	154.25	92	1027.73	154.97
93	1026.65	157.33	94	1025.88	158.63	95	1025.88	158.64	96	1063.67	238.67

PC-MINE VERSION 1.10

CURRAGH RESOURCES

24/ 6/1986

SERIAL NO: 20320

BY STEFFEN ROBERTSON AND KIRSTEN (BC) INC

Drebody Modelling and Pit Evaluation System

Module : 3.09

VA

PRINTOUT OF BOREHOLE INFORMATION

SUMMARY PRINTOUT

RECORD	BOREHOLE	TYPE	NORTHING CO-ORD [m]	EASTING CO-ORD [m]	COLLAR ELEVATION [m]	LENGTH [m]	GEOLOGICAL INTERSECTS	ASSAY INTERVALS	SURVEY INTERVALS	DATE	STATUS
12	V052	OLD DDH	9939.47	9999.14	1162.40	167.50	13	26	1	24/ 6/1986	1
39	V055R	NEW DDH	9573.15	10064.77	1160.40	160.90	12	24	6	24/ 6/1986	1
107	V053R	NEW DDH	10124.41	9938.29	1152.00	178.00	16	22	6	24/ 6/1986	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 31

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	5	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 32

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	6	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 33

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	6	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 34

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	6	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 35

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	6	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL CONSTRUCTION

SECTION ALONG ROW : 36

BACKGROUND ROCK-TYPE : 10 WASTE

POLYGON RECORD	DESCRIPTION	CODE	ROCK-TYPE	BLOCKS
19	PARTIALLY ABOVE TOPOGRAPHY FOR 2E	2E	12	1347
20	OVERBURDEN FOR 2E	2E	11	343
21	4A FOR 2E - UPPER PART	2E	1	144
22	4A FOR 2E - LOWER PART	2E	1	55
23	4A FOR 2E - SMALL SW BODY	2E	1	23
24	4EG FOR 2E - UPPER PART	2E	5	119
25	4EG FOR 2E - LOWER PART	2E	5	48
26	4H FOR 2E	2E	6	5
27	4EC FOR 2E	2E	3	24
28	4C FOR 2E	2E	2	69
29	QUARTZ VEIN	2E	10	1

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
32	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
33	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
34	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
35	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
36	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
37	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
38	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
39	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
40	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
41	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
42	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
43	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	1
25	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	5	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
32	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
33	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
34	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
35	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
36	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10
37	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
38	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
39	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
40	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
41	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
42	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11
43	11	11	11	11	11	10	10	10	1	1	1	10	11	11	11	11	11	11	11	11	11	11	11	11	11

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24 |	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
32 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
34 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
35 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
36 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
38 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
39 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
40 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
41 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
42 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
43 |	11	11	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
45 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
46 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
47 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
48 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
49 |	11	11	11	11	11	11	11	11	11	11	11	11	10	10	10	5	5	10	11	11	11	10	6	6	6
50 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
51 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
52 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
53 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
54 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
55 |	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	10	10	5	5	5	5	5	5
56 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
57 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
58 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
59 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
60 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
61 |	4	4	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	10	11
62 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
63 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
64 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
65 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
66 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
67 |	10	10	10	10	10	10	10	10	10	10	10	5	1	1	1	1	1	10	5	5	5	5	5	5	1
68 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
69 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
70 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
71 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
72 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
73 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
74 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
75 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
76 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
77 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
78 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
79 |	10	10	10	10	10	10	10	10	1	1	1	1	1	1	10	10	10	5	3	3	3	3	3	3	3
80 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
81 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
82 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
83 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
84 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
85 |	10	10	10	10	5	5	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
86 |	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
45	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
46	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
47	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
48	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
49	6	6	6	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1	1	1	10	10
50	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
51	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
52	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
53	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
54	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
55	1	1	1	10	10	1	1	5	2	2	2	2	2	2	1	1	1	1	10	10	1	10	10	10	10
56	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
57	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
58	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
59	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
60	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
61	11	11	11	11	10	10	10	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10
62	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
63	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
64	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
65	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
66	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
67	1	1	1	10	10	5	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
68	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
69	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
70	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
71	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
72	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
73	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10
74	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
76	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
77	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
78	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
79	2	2	2	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
80	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
81	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
82	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
83	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
84	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
85	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
86	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m 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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
45	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
46	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
47	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
48	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
49	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
50	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
53	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
54	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
55	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
56	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
57	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
58	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
59	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
60	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
61	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
62	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
65	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
66	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
67	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
68	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
69	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
71	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
72	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
73	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
74	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
77	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
78	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
79	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
80	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
81	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
82	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
83	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
84	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
85	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
86	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [1] TO COLUMN [25] ROW [87] TO ROW [123]

	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	10	10	10	10	
88	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	10	10	10	10
89	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	10	10	10	10
90	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	10	10	10	10
91	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	10	10	10	10
92	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
93	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
94	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
95	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
96	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
97	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1	1
98	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
99	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
100	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
101	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
102	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
103	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
104	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	1
105	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
106	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
107	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
108	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
109	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
110	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
111	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
112	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
113	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
114	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
115	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
116	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
117	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
118	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
119	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
120	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
121	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
122	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
123	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [26] TO COLUMN [50] ROW [87] TO ROW [123]

	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 |	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10
88 |	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10
89 |	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10
90 |	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10
91 |	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	3	3	10	10	10	10	10	10	10
92 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
93 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
94 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
95 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
96 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
97 |	1	10	10	10	10	10	10	10	10	10	10	10	10	5	3	3	10	10	10	10	10	10	10	10	10
98 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
99 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
100 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
101 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
102 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
103 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
104 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	2	2	2	2	2	2	10	10
105 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
106 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
107 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
108 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
109 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
110 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
111 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
112 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
113 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
114 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
115 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
116 |	10	10	10	10	10	10	10	10	10	10	10	10	2	2	10	10	10	10	10	10	10	10	10	10	10
117 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
118 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
119 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
120 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
121 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
122 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
123 |	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

GEOLOGICAL ROCK-TYPE MODEL

DESCRIPTION :

CREATED ON : 24/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [51] TO COLUMN [75] ROW [87] TO ROW [123]

	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
88	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
89	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
90	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
91	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
92	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
93	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
94	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
95	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
96	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
97	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
98	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
99	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
100	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
101	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
102	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
103	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
104	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
105	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
106	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
107	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
108	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
109	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
110	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
111	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
112	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
113	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
114	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
115	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
116	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
117	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
118	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
119	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
120	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
121	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
122	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
123	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

INVERSE DISTANCE MODELLING

DESCRIPTION : SG INTERPOLATION

OVERWRITING AN EXISTING MODEL

DENSITY MODEL

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

1 1
2 2
3 3
4 4
5 5
6 6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 2
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

PC-MINE VERSION 1.10 CURRAGH RESOURCES 28/ 6/1986 SERIAL NO: 20320 BY STEFFEN ROBERTSON AND KIRSTEN (BC) INC
Orebody Modelling and Pit Evaluation System Module : 3.03
VANGORDA DEPOSIT SECTIONAL MODEL CV1 - DRILLHOLE DATA Page : 1

INVERSE DISTANCE MODELLING

DESCRIPTION : eg interpolation

OVERWRITING AN EXISTING MODEL

DENSITY MODEL

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

1 1
2 2
3 3
4 4
5 5
6 6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 2
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 6

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

PC-MINE VERSION 1.10 CURRAGH RESOURCES 28/ 6/1986 SERIAL NO: 20320 BY STEFFEN ROBERTSON AND KIRSTEN (BC) INC
Orebody Modelling and Pit Evaluation System Module : 3.03
VANGORDA DEPOSIT SECTIONAL MODEL CV1 - DRILLHOLE DATA Page : 1

INVERSE DISTANCE MODELLING

DESCRIPTION : PB INTERPOLATION

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 2 [Pb %]

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

ROCK-TYPES USED FOR MODELLING :

INVERSE DISTANCE MODELLING

DESCRIPTION : PB INTERPOLATION

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 2 [Pb %]

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

1	1
2	2
3	3
4	4
5	5
6	6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 2
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

INVERSE DISTANCE MODELLING

DESCRIPTION : ZN INTERPOLATION

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 3 [Zn %]

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

1	1
2	2
3	3
4	4
5	5
6	6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 2
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

PC-MINE VERSION 1.10 CURRAGH RESOURCES 26/ 6/1986 SERIAL NO: 20320 BY STEFFEN ROBERTSON AND KIRSTEN (BC) INC
Orebody Modelling and Pit Evaluation System Module : 3.03
VANGORDA DEPOSIT SECTIONAL MODEL CV1 - DRILLHOLE DATA Page : 1

INVERSE DISTANCE MODELLING

DESCRIPTION : AU INTERPOLATION

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 5 [Au g/t]

FROM COLUMN [1] TO COLUMN [100] FROM ROW [1] TO ROW [123]

DENSITY MODEL

DESCRIPTION : DENSITY MODEL

CREATED ON : 27/ 6/1986

BENCH : 29 CREST ELEVATION : 1083.50 m TOE ELEVATION : 1079.00 m 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	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
2	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
3	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
4	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
5	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
6	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
7	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
8	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
9	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
10	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
11	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
12	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
13	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
14	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
15	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
16	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
17	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
18	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
19	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
20	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
21	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
22	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
23	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
24	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
25	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
26	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
27	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
28	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
29	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
30	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
31	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
32	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
33	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
34	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
35	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
36	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70		
37	2.90	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.18	4.14	2.79	4.09	4.08	4.06	4.06	4.06	4.06	4.07	4.08	4.15	4.24
38	2.84	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.16	4.15	2.81	4.09	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.22	4.29
39	2.80	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.20	4.19	2.81	4.09	4.05	4.04	4.04	4.05	4.07	4.07	4.07	4.26	4.31
40	2.80	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.24	4.22	2.84	4.12	4.06	4.03	4.02	4.05	4.07	4.07	4.08	4.32	4.32
41	2.84	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.22	4.22	2.83	4.13	4.07	4.06	4.06	4.07	4.06	4.09	4.09	4.28	4.32
42	2.83	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.21	4.21	2.83	4.14	4.08	4.07	4.08	4.08	4.07	4.11	4.08	4.30	4.30
43	2.00	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.36	4.36	2.83	4.15	4.11	4.15	4.15	4.16	4.16	4.16	4.19	4.30	4.28

DENSITY MODEL

DESCRIPTION : DENSITY MODEL

CREATED ON : 27/ 6/1986

BENCH : 29 CREST ELEVATION : 1083.50 m TOE ELEVATION : 1079.00 m 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	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	
2	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
3	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
4	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
5	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
6	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
7	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
8	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
9	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
10	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
11	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
12	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
13	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
14	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
15	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
16	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
17	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
18	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
19	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.01	4.01	4.01	3.72	3.72	3.73	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
20	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.02	4.02	4.02	3.71	3.72	3.73	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
21	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.06	4.06	4.05	3.71	3.72	3.73	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
22	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.21	4.16	4.08	3.70	3.70	3.71	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
23	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.10	4.09	4.07	3.70	3.70	3.71	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
24	2.70	2.70	2.70	2.70	2.70	2.70	2.70	4.04	4.03	4.03	3.69	3.69	3.69	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
25	2.77	2.77	2.76	2.77	2.77	2.77	2.81	2.84	2.90	2.90	2.91	2.86	2.87	2.86	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
26	2.75	2.78	2.80	2.81	2.81	2.82	2.87	2.88	2.89	2.90	2.90	2.91	2.89	2.87	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
27	2.76	2.78	2.81	2.82	2.83	2.86	2.88	2.91	2.92	2.91	2.90	2.95	2.86	2.83	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
28	2.77	2.78	2.78	2.79	2.82	2.86	2.90	2.98	2.99	2.93	2.98	2.94	2.89	2.84	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
29	2.77	2.79	2.77	2.79	2.82	2.86	2.91	2.98	2.95	2.95	2.97	2.88	2.82	2.77	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
30	2.81	2.80	2.81	2.83	2.87	2.90	2.94	2.96	2.97	2.96	2.90	2.85	2.82	2.75	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
31	4.27	4.29	4.32	4.33	4.34	4.30	2.95	2.95	3.05	3.06	3.06	3.01	2.89	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
32	4.39	4.39	4.40	4.41	4.41	4.39	2.98	3.03	3.06	3.03	3.00	3.00	2.96	2.70	2.70	2.76	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
33	4.38	4.40	4.41	4.43	4.43	4.43	3.07	3.05	3.02	2.94	2.84	2.79	2.90	2.70	2.70	2.85	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
34	4.38	4.40	4.41	4.42	4.43	4.42	3.08	3.06	3.03	2.96	2.85	2.81	2.92	2.70	2.70	2.86	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
35	4.38	4.39	4.40	4.40	4.40	4.39	3.09	3.08	3.07	3.05	3.03	3.03	3.03	2.70	2.70	2.88	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
36	4.38	4.39	4.40	4.40	4.40	4.37	3.09	3.10	3.10	3.10	3.09	3.09	3.06	2.70	2.70	2.90	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
37	4.33	4.39	4.39	4.40	4.40	4.43	3.97	3.72	3.73	3.74	3.69	3.74	3.73	3.72	3.72	3.71	2.70	2.86	2.85	2.84	2.70	2.70	2.70	2.70	2.70	2.70
38	4.28	4.28	4.31	4.31	4.32	4.32	3.96	3.71	3.68	3.70	3.70	3.69	3.68	3.66	3.69	3.67	2.70	2.88	2.86	2.91	2.70	2.70	2.70	2.70	2.70	2.70
39	4.31	4.31	4.31	4.32	4.31	4.30	3.96	3.71	3.76	3.79	3.79	3.76	3.73	3.69	3.66	3.64	2.70	2.96	2.95	2.93	2.70	2.70	2.70	2.70	2.70	2.70
40	4.31	4.28	4.27	4.31	4.32	4.31	3.97	3.76	3.85	3.93	3.93	3.85	3.77	3.72	3.68	3.65	2.70	3.05	3.04	3.00	2.70	2.70	2.70	2.70	2.70	2.70
41	4.31	4.30	4.30	4.31	4.31	4.31	3.96	3.76	3.84	3.93	3.92	3.84	3.77	3.71	3.67	3.65	2.70	3.18	3.18	3.18	2.70	2.70	2.70	2.70	2.70	2.70
42	4.30	4.30	4.30	4.31	4.31	4.30	3.98	3.74	3.77	3.77	3.77	3.74	3.71	3.67	3.64	3.63	2.70	3.23	3.23	3.22	2.70	2.70	2.70	2.70	2.70	2.70
43	4.27	4.27	4.27	4.27	4.30	4.30	3.99	3.69	3.70	3.71	3.72	3.72	3.72	3.71	3.71	3.72	2.70	3.24	3.23	3.23	2.70	2.70	2.70	2.70	2.70	2.70

GRADE MODEL FOR LABEL 3 [Zn %]

DESCRIPTION : ZN

CREATED ON : 29/ 6/1986

BENCH : 29 CREST ELEVATION : 1083.50 m TOE ELEVATION : 1079.00 m COLUMN [37] TO COLUMN [39] ROW [25] TO ROW [30]

37 38 39

25	0.25	0.25	0.25
26	0.25	0.25	0.25
27	0.25	0.25	0.25
28	0.25	0.25	0.25
29	0.25	0.25	0.25
30	0.25	0.25	0.25

INVERSE DISTANCE MODELLING

DESCRIPTION : ZN

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 3 [Zn %]

FROM COLUMN [37] TO COLUMN [39] FROM ROW [25] TO ROW [30]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

4

4

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

GRADE MODEL FOR LABEL 3 [Zn %]

DESCRIPTION : ZN

CREATED ON : 29/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [48] TO COLUMN [53] ROW [44] TO ROW [49]

	48	49	50	51	52	53
44	6.01	6.01	6.01	6.01	6.01	6.01
45	6.01	6.01	6.01	6.01	6.01	6.01
46	6.01	6.01	6.01	6.01	6.01	6.01
47	6.01	6.01	6.01	6.01	6.01	6.01
48	6.01	6.01	6.01	6.01	6.01	6.01
49	6.01	6.01	6.01	6.01	6.01	6.01

INVERSE DISTANCE MODELLING

DESCRIPTION : ZN

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 3 [Zn %]

FROM COLUMN [48] TO COLUMN [53] FROM ROW [44] TO ROW [49]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

6

6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

INVERSE DISTANCE MODELLING

DESCRIPTION : AG

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 4 [Ag g/t]

FROM COLUMN [48] TO COLUMN [53] FROM ROW [44] TO ROW [49]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

6

6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

GRADE MODEL FOR LABEL 4 [Ag g/t]

DESCRIPTION : AG

CREATED ON : 29/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [48] TO COLUMN [53] ROW [44] TO ROW [49]

48 49 50 51 52 53

44	|	82.0082	.0082	.0082	.0082	.0082	.00
45	|	82.0082	.0082	.0082	.0082	.0082	.00
46	|	82.0082	.0082	.0082	.0082	.0082	.00
47	|	82.0082	.0082	.0082	.0082	.0082	.00
48	|	82.0082	.0082	.0082	.0082	.0082	.00
49	|	82.0082	.0082	.0082	.0082	.0082	.00

INVERSE DISTANCE MODELLING

DESCRIPTION : AG

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 4 (Ag g/t)

FROM COLUMN [37] TO COLUMN [39] FROM ROW [25] TO ROW [30]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

4

4

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

GRADE MODEL FOR LABEL 4 [Ag g/t]

DESCRIPTION : AG

CREATED ON : 29/ 6/1986

BENCH : 29 CREST ELEVATION : 1083.50 m TOE ELEVATION : 1079.00 m COLUMN [37] TO COLUMN [39] ROW [25] TO ROW [30]

37 38 39

25	|	28.0028.0028.00
26	|	28.0028.0028.00
27	|	28.0028.0028.00
28	|	28.0028.0028.00
29	|	28.0028.0028.00
30	|	28.0028.0028.00

INVERSE DISTANCE MODELLING

DESCRIPTION : AU

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 5 [Au g/t]

FROM COLUMN [48] TO COLUMN [53] FROM ROW [44] TO ROW [49]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

6

6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

GRADE MODEL FOR LABEL 5 [Au g/t]

DESCRIPTION : AU

CREATED ON : 29/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [48] TO COLUMN [53] ROW [44] TO ROW [49]

	48	49	50	51	52	53
44 |	.19	.19	.19	.19	.19	.19
45 |	.19	.19	.19	.19	.19	.19
46 |	.19	.19	.19	.19	.19	.19
47 |	.19	.19	.19	.19	.19	.19
48 |	.19	.19	.19	.19	.19	.19
49 |	.19	.19	.19	.19	.19	.19

INVERSE DISTANCE MODELLING

DESCRIPTION : AU

OVERWRITING AN EXISTING MODEL

GRADE MODEL FOR LABEL 5 [Au g/t]

FROM COLUMN [37] TO COLUMN [39] FROM ROW [25] TO ROW [30]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

4

4

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

GRADE MODEL FOR LABEL 5 (AU g/t)

DESCRIPTION : AU

CREATED ON : 29/ 6/1986

BENCH : 29 CREST ELEVATION : 1083.50 m TOE ELEVATION : 1079.00 m COLUMN [37] TO COLUMN [39] ROW [25] TO ROW [30]

	37	38	39
25	.41	.41	.41
26	.41	.41	.41
27	.41	.41	.41
28	.41	.41	.41
29	.41	.41	.41
30	.41	.41	.41

INVERSE DISTANCE MODELLING

DESCRIPTION : SG

OVERWRITING AN EXISTING MODEL

DENSITY MODEL

FROM COLUMN [48] TO COLUMN [53] FROM ROW [44] TO ROW [49]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

6

6

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

DENSITY MODEL

DESCRIPTION : SG

CREATED ON : 29/ 6/1986

BENCH : 21 CREST ELEVATION : 1119.50 m TOE ELEVATION : 1115.00 m COLUMN [48] TO COLUMN [53] ROW [44] TO ROW [49]

	48	49	50	51	52	53
44	3.58	3.58	3.58	3.58	3.58	3.58
45	3.58	3.58	3.58	3.58	3.58	3.58
46	3.58	3.58	3.58	3.58	3.58	3.58
47	3.58	3.58	3.58	3.58	3.58	3.58
48	3.58	3.58	3.58	3.58	3.58	3.58
49	3.58	3.58	3.58	3.58	3.58	3.58

INVERSE DISTANCE MODELLING

DESCRIPTION : SG

OVERWRITING AN EXISTING MODEL

DENSITY MODEL

FROM COLUMN [37] TO COLUMN [39] FROM ROW [25] TO ROW [30]

ROCK-TYPES USED FOR MODELLING :

ROCK-TYPE MODELLED: RESTRICTING ROCK-TYPE:

4

4

MAXIMUM RANGE FOR INCLUSION OF SAMPLES : 90.00 [m]
MINIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 1
MAXIMUM NUMBER OF SAMPLES TO BE USED TO INTERPOLATE ONE BLOCK : 8

WEIGHTING BY INVERSE DISTANCE SQUARED :

HORIZONTAL ANGLE OF ANISOTROPY : 90.00 [DEGREES]
VERTICAL ANGLE OF ANISOTROPY : -10.00 [DEGREES]
HORIZONTAL ANISOTROPY FACTOR : 1.41
VERTICAL ANISOTROPY FACTOR : 1.41

CONSTRUCTION OF THE ECONOMIC MODEL

COST DATA USED :

PRINTOUT OF ROCK-TYPE INFORMATION FOR RECORDS [1] TO [10]

GEOLOGICAL AND COST DATA

REC	STAT	ROCK CODE	DESCRIPTION	COST DATA [CDN \$ PER bcm]				
				DRILLING	BLASTING	LOADING	FIXED HAULAGE	MINING SERVICES
1	1	0	AIR	.0000	.0000	.0000	.0000	.0000
2	1	1	4A TYPE	.2510	.3380	.1790	.0000	.0000
3	1	2	4C TYPE	.2510	.3380	.1790	.0000	.0000
4	1	3	4EC TYPE	.2510	.3380	.1790	.0000	.0000
5	1	4	4E TYPE	.2510	.3380	.1790	.0000	.0000
6	1	5	4EG TYPE	.2510	.3380	.1790	.0000	.0000
7	1	6	4H TYPE	.2510	.3380	.1790	.0000	.0000
8	1	10	WASTE	.2830	.3380	.1790	.0000	.0000
9	1	11	OVERBURDEN	.0000	.0000	.1790	.0000	.0000
10	1	12	PARTIALLY ABOVE TOPOGRAPHY	.0000	.0000	.1790	.0000	.0000

CONSTRUCTION OF THE ECONOMIC MODEL

COST DATA USED :

DETAILED PRINTOUT FOR RECORD [1]

DATE CAPTURED : 9/ 7/1986

RECORD DESCRIPTION : Same costs as Grum

GENERAL COST INFORMATION

MINE CALL FACTOR : 90.00 PERCENT
 ORE/STOCKPILE CUT-OFF GRADE : 6.000
 STOCKPILE/WASTE CUT-OFF GRADE : 4.000
 ORE PROCESSING COST : 5.08
 MINE ADMIN COST : 1.47
 HEAD OFFICE ADMIN COST : 1.50
 SPARE COST # 1 : 7.69
 SPARE COST # 2 : 20.42

HAULAGE INFORMATION

	PIT EXIT ELEVATIONS [m]	AVERAGE IN-PIT HAULAGE [m]	AVERAGE SURFACE HAULAGE [m]	HORIZONTAL HAULAGE COST [CDN \$ /bcm/100 m]	UPWARDS VERTICAL HAULAGE COST [CDN \$ /bcm/10 m]	DOWNWARDS VERTICAL HAULAGE COST [CDN \$ /bcm/10 m]
ORE	1120.00	800.00	17000.00	.0100	.0290	.0120
STOCKPILE	1120.00	800.00	1000.00	.0100	.0290	.0120
WASTE	1120.00	800.00	1000.00	.0080	.0240	.0100

CONSTRUCTION OF THE ECONOMIC MODEL

COST DATA USED :

DETAILED PRINTOUT FOR RECORD [1]

REVENUE / HEAD GRADE INFORMATION

NO OF REVENUE / HEAD GRADE CURVES : 5

DESCRIPTION : Pb+Zn Zero Revenue

POINT	HEAD GRADE [Pb+Zn %]	REVENUE [CDN \$ /Pb+Zn %]
1	.000	.000
2	60.000	.000

DESCRIPTION : Pb revenue

POINT	HEAD GRADE [Pb %]	REVENUE [CDN \$ /Pb %]
1	.000	.000
2	20.000	114.552

DESCRIPTION : Zn Revenue

POINT	HEAD GRADE [Zn %]	REVENUE [CDN \$ /Zn %]
1	.000	.000
2	20.000	196.692

DESCRIPTION : Ag REV

POINT	HEAD GRADE [Ag g/t]	REVENUE [CDN \$ /Ag g/t]
1	.000	.000
2	300.000	64.638

CONSTRUCTION OF THE ECONOMIC MODEL

COST DATA USED :

DETAILED PRINTOUT FOR RECORD [1]

DESCRIPTION : Au Revenue

POINT	HEAD GRADE [Au g/t]	REVENUE [CDN \$ /Au g/t]
1	.000	.000
2	10.000	142.967

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserve

TOTAL FOR BENCH : 1

BENCH CREST ELEVATION : 1209.50 [m]
BENCH TOE ELEVATION : 1205.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.100	5229.97	.000	.000	.000	.000	.000
TOTAL			2490.75	2.100	5229.97	.000	.000	.000	.000	.000

IN SITU RESERVES

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 1

BENCH CREST ELEVATION : 1209.50 [m]
 BENCH TOE ELEVATION : 1205.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.100	5229.97	.000	.000	.000	.000	.000
TOTAL			2490.75	2.100	5229.97	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 2

BENCH CREST ELEVATION : 1205.00 [m]

BENCH TOE ELEVATION : 1200.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	A V E R A G E G R A D E S				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.100	5230.45	.000	.000	.000	.000	.000
TOTAL			2490.75	2.100	5230.45	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 2

BENCH CREST ELEVATION : 1205.00 [m]
 BENCH TOE ELEVATION : 1200.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.100	5230.45	.000	.000	.000	.000	.000
TOTAL			2490.75	2.100	5230.45	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 3

BENCH CREST ELEVATION : 1200.50 [m]
 BENCH TOE ELEVATION : 1196.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.102	5234.82	.000	.000	.000	.000	.000
TOTAL			2490.75	2.102	5234.82	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 3

BENCH CREST ELEVATION : 1200.50 [m]
 BENCH TOE ELEVATION : 1196.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.102	5234.82	.000	.000	.000	.000	.000
TOTAL			2490.75	2.102	5234.82	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 4

BENCH CREST ELEVATION : 1196.00 [m]
 BENCH TOE ELEVATION : 1191.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.105	5243.93	.000	.000	.000	.000	.000
TOTAL			2490.75	2.105	5243.93	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 4

BENCH CREST ELEVATION : 1196.00 [m]
 BENCH TOE ELEVATION : 1191.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.105	5243.93	.000	.000	.000	.000	.000
TOTAL			2490.75	2.105	5243.93	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 5

BENCH CREST ELEVATION : 1191.50 [m]
 BENCH TOE ELEVATION : 1187.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.112	5259.96	.000	.000	.000	.000	.000
TOTAL			2490.75	2.112	5259.96	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 5

BENCH CREST ELEVATION : 1191.50 [m]
BENCH TOE ELEVATION : 1187.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.112	5259.96	.000	.000	.000	.000	.000
TOTAL			2490.75	2.112	5259.96	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 6

BENCH CREST ELEVATION : 1187.00 [m]
 BENCH TOE ELEVATION : 1182.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.119	5278.54	.000	.000	.000	.000	.000
TOTAL			2490.75	2.119	5278.54	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 6

BENCH CREST ELEVATION : 1187.00 [m]
 BENCH TOE ELEVATION : 1182.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.119	5278.54	.000	.000	.000	.000	.000
TOTAL			2490.75	2.119	5278.54	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 7

BENCH CREST ELEVATION : 1182.50 [m]
 BENCH TOE ELEVATION : 1178.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.127	5296.63	.000	.000	.000	.000	.000
TOTAL			2490.75	2.127	5296.63	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 7

BENCH CREST ELEVATION : 1182.50 [m]
 BENCH TOE ELEVATION : 1178.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.127	5296.63	.000	.000	.000	.000	.000
TOTAL			2490.75	2.127	5296.63	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 8

BENCH CREST ELEVATION : 1178.00 [m]
 BENCH TOE ELEVATION : 1173.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.136	5319.82	.000	.000	.000	.000	.000
TOTAL			2490.75	2.136	5319.82	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 8

BENCH CREST ELEVATION : 1178.00 [m]
 BENCH TOE ELEVATION : 1173.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm, x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.136	5319.82	.000	.000	.000	.000	.000
TOTAL			2490.75	2.136	5319.82	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 9

BENCH CREST ELEVATION : 1173.50 [m]
 BENCH TOE ELEVATION : 1169.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.147	5348.87	.000	.000	.000	.000	.000
TOTAL			2490.75	2.147	5348.87	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 9

BENCH CREST ELEVATION : 1173.50 [m]
 BENCH TOE ELEVATION : 1169.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.147	5348.87	.000	.000	.000	.000	.000
TOTAL			2490.75	2.147	5348.87	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 10

BENCH CREST ELEVATION : 1169.00 [m]
 BENCH TOE ELEVATION : 1164.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.166	5393.90	.000	.000	.000	.000	.000
TOTAL			2490.75	2.166	5393.90	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 10

BENCH CREST ELEVATION : 1169.00 [m]
 BENCH TOE ELEVATION : 1164.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.166	5393.90	.000	.000	.000	.000	.000
TOTAL			2490.75	2.166	5393.90	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 11

BENCH CREST ELEVATION : 1164.50 [m]
 BENCH TOE ELEVATION : 1160.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.202	5483.63	.000	.000	.000	.000	.000
TOTAL			2490.75	2.202	5483.63	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 11

BENCH CREST ELEVATION : 1164.50 [m]
 BENCH TOE ELEVATION : 1160.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
.000	9999.000	****	2490.75	2.202	5483.63	.000	.000	.000	.000	.000
TOTAL			2490.75	2.202	5483.63	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 12

BENCH CREST ELEVATION : 1160.00 [m]
 BENCH TOE ELEVATION : 1155.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.239	5577.47	.000	.000	.000	.000	.000
TOTAL			2490.75	2.239	5577.47	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 12

BENCH CREST ELEVATION : 1160.00 [m]
 BENCH TOE ELEVATION : 1155.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.239	5577.47	.000	.000	.000	.000	.000
TOTAL			2490.75	2.239	5577.47	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 13

BENCH CREST ELEVATION : 1155.50 [m]
 BENCH TOE ELEVATION : 1151.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.278	5674.07	.000	.000	.000	.000	.000
TOTAL			2490.75	2.278	5674.07	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 13

BENCH CREST ELEVATION : 1155.50 [m]
 BENCH TOE ELEVATION : 1151.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	9999.000	****	2490.75	2.278	5674.07	.000	.000	.000	.000	.000
TOTAL			2490.75	2.278	5674.07	.000	.000	.000	.000	.000

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 14

BENCH CREST ELEVATION : 1151.00 [m]
 BENCH TOE ELEVATION : 1146.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	4.25	4.034	17.15	9.040	3.474	5.566	51.661	.468
4.000	6.000	2	5.26	3.489	18.37	4.552	2.041	2.511	28.435	.335
.000	4.000	2	30.98	3.518	109.00	2.456	1.065	1.391	13.990	.342
.000	4.000	3	10.94	3.885	42.49	1.977	.882	1.095	6.892	.845
.000	9999.000	****	2439.31	2.319	5657.24	.000	.000	.000	.000	.000
TOTAL			2490.75	2.346	5844.24	.101	.043	.058	.552	.015

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 14

BENCH CREST ELEVATION : 1151.00 [m]
 BENCH TOE ELEVATION : 1146.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn] TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S					
					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]	
6.000 100.000	5	4.25	4.034	17.15	9.040	3.474	5.566	51.661	.468	
6.000 100.000	6	4.25	4.034	17.15	9.040	3.474	5.566	51.661	.468	
4.000 6.000	1	4.25	4.034	17.15	9.040	3.474	5.566	51.661	.468	
4.000 6.000	2	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
4.000 6.000	3	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
4.000 6.000	4	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
4.000 6.000	5	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
4.000 6.000	6	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
.000 4.000	1	9.52	3.732	35.52	6.720	2.733	3.986	39.651	.399	
.000 4.000	2	40.50	3.568	144.52	3.504	1.475	2.029	20.297	.356	
.000 4.000	3	51.44	3.636	187.00	3.157	1.340	1.817	17.251	.467	
.000 4.000	4	51.44	3.636	187.00	3.157	1.340	1.817	17.251	.467	
.000 4.000	5	51.44	3.636	187.00	3.157	1.340	1.817	17.251	.467	
.000 4.000	6	51.44	3.636	187.00	3.157	1.340	1.817	17.251	.467	
.000 9999.000	****	2490.75	2.346	5844.24	.101	.043	.058	.552	.015	
TOTAL		2490.75	2.346	5844.24	.101	.043	.058	.552	.015	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 15

BENCH CREST ELEVATION : 1146.50 [m]
 BENCH TOE ELEVATION : 1142.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	31.79	3.975	126.37	9.172	3.771	5.401	48.959	.629	
4.000	6.000	1	2.23	3.175	7.07	4.594	1.470	3.124	28.364	.214	
4.000	6.000	2	1.01	3.407	3.45	4.615	2.008	2.607	23.257	.358	
4.000	6.000	3	5.47	3.706	20.26	4.654	2.014	2.639	29.589	.557	
4.000	6.000	5	3.24	3.767	12.20	5.191	2.354	2.837	37.655	.696	
.000	4.000	1	7.90	3.200	25.28	2.029	.704	1.326	8.521	.081	
.000	4.000	2	28.15	3.493	98.33	2.298	1.009	1.289	14.677	.346	
.000	4.000	3	18.83	3.827	72.08	2.242	1.054	1.187	12.807	.891	
.000	4.000	4	1.22	3.000	3.64	.000	.000	.000	.000	.000	
.000	9999.000	****	2390.92	2.367	5659.07	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.420	6027.76	.299	.125	.174	1.677	.034	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 15

BENCH CREST ELEVATION : 1146.50 [m]
 BENCH TOE ELEVATION : 1142.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE	AVERAGE GRADES				
			[bcm	x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	31.79		3.975	126.37	9.172	3.771	5.401	48.959	.629
6.000	100.000	6	31.79		3.975	126.37	9.172	3.771	5.401	48.959	.629
4.000	6.000	1	34.02		3.922	133.44	8.930	3.649	5.281	47.867	.607
4.000	6.000	2	35.03		3.907	136.89	8.821	3.607	5.213	47.247	.601
4.000	6.000	3	40.50		3.880	157.15	8.283	3.402	4.881	44.970	.595
4.000	6.000	4	40.50		3.880	157.15	8.283	3.402	4.881	44.970	.595
4.000	6.000	5	43.74		3.872	169.35	8.061	3.326	4.734	44.443	.602
4.000	6.000	6	43.74		3.872	169.35	8.061	3.326	4.734	44.443	.602
.000	4.000	1	51.64		3.769	194.63	7.277	2.986	4.291	39.778	.535
.000	4.000	2	79.79		3.672	292.96	5.606	2.322	3.284	31.353	.471
.000	4.000	3	98.62		3.702	365.04	4.942	2.072	2.870	27.691	.554
.000	4.000	4	99.83		3.693	368.69	4.893	2.052	2.841	27.417	.549
.000	4.000	5	99.83		3.693	368.69	4.893	2.052	2.841	27.417	.549
.000	4.000	6	99.83		3.693	368.69	4.893	2.052	2.841	27.417	.549
.000	9999.000	****	2490.75		2.420	6027.76	.299	.125	.174	1.677	.034
TOTAL			2490.75		2.420	6027.76	.299	.125	.174	1.677	.034

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 16

BENCH CREST ELEVATION : 1142.00 [m]
 BENCH TOE ELEVATION : 1137.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	67.43	4.056	273.49	8.926	3.850	5.076	50.582	.614
4.000	6.000	1	2.84	3.168	8.98	4.273	1.415	2.859	28.370	.185
4.000	6.000	3	11.14	3.788	42.19	4.624	2.153	2.471	31.137	.692
4.000	6.000	4	3.24	3.906	12.66	4.512	1.810	2.702	39.345	.000
4.000	6.000	5	.41	4.309	1.74	4.659	1.944	2.715	44.489	.639
.000	4.000	1	5.87	3.151	18.50	2.400	.810	1.591	13.780	.098
.000	4.000	2	28.96	3.471	100.52	2.161	.916	1.245	13.617	.337
.000	4.000	3	33.82	3.768	127.42	2.690	1.192	1.498	15.074	.895
.000	4.000	4	2.84	3.329	9.44	2.293	.977	1.316	19.313	.000
.000	9999.000	****	2334.22	2.432	5676.20	.000	.000	.000	.000	.000
TOTAL			2490.75	2.518	6271.15	.537	.231	.305	3.142	.056

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 16

BENCH CREST ELEVATION : 1142.00 [m]
 BENCH TOE ELEVATION : 1137.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	67.43		4.056	273.49	8.926	3.850	5.076	50.582	.614
6.000	100.000	6	67.43		4.056	273.49	8.926	3.850	5.076	50.582	.614
4.000	6.000	1	70.27		4.020	282.47	8.778	3.772	5.006	49.876	.601
4.000	6.000	2	70.27		4.020	282.47	8.778	3.772	5.006	49.876	.601
4.000	6.000	3	81.40		3.988	324.67	8.238	3.562	4.676	47.441	.612
4.000	6.000	4	84.64		3.985	337.32	8.098	3.496	4.602	47.137	.589
4.000	6.000	5	85.05		3.987	339.07	8.081	3.488	4.592	47.123	.590
4.000	6.000	6	85.05		3.987	339.07	8.081	3.488	4.592	47.123	.590
.000	4.000	1	90.92		3.933	357.57	7.787	3.350	4.437	45.398	.564
.000	4.000	2	119.88		3.821	458.09	6.552	2.816	3.737	38.424	.514
.000	4.000	3	153.70		3.809	585.51	5.712	2.462	3.249	33.343	.597
.000	4.000	4	156.53		3.801	594.95	5.658	2.439	3.219	33.120	.588
.000	4.000	5	156.53		3.801	594.95	5.658	2.439	3.219	33.120	.588
.000	4.000	6	156.53		3.801	594.95	5.658	2.439	3.219	33.120	.588
.000	9999.000	****	2490.75		2.518	6271.15	.537	.231	.305	3.142	.056
TOTAL			2490.75		2.518	6271.15	.537	.231	.305	3.142	.056

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 17

BENCH CREST ELEVATION : 1137.50 [m]
 BENCH TOE ELEVATION : 1133.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.82	3.198	5.83	7.994	2.598	5.396	47.822	.182
6.000	100.000	3	.20	4.208	.85	6.814	3.468	3.346	5.000	1.968
6.000	100.000	5	84.04	4.005	336.59	8.828	3.850	4.977	51.261	.684
4.000	6.000	1	3.44	3.192	10.99	5.041	1.700	3.340	33.418	.198
4.000	6.000	3	11.95	3.902	46.62	4.760	2.392	2.368	28.009	.864
4.000	6.000	4	10.73	4.050	43.47	5.007	1.964	3.043	43.893	.000
4.000	6.000	5	.41	4.007	1.62	5.773	2.578	3.195	45.000	.896
.000	4.000	1	7.70	3.217	24.76	2.102	.745	1.357	9.526	.076
.000	4.000	2	35.44	3.453	122.35	2.229	.915	1.314	14.568	.333
.000	4.000	3	34.02	3.789	128.90	2.822	1.322	1.500	15.843	.879
.000	4.000	4	1.42	3.097	4.39	.664	.278	.386	5.598	.000
.000	4.000	5	.20	3.000	.61	.000	.000	.000	.000	.000
.000	9999.000	****	2299.39	2.480	5701.94	.000	.000	.000	.000	.000
TOTAL			2490.75	2.581	6428.91	.656	.286	.371	3.932	.067

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FDR BENCH : 17

BENCH CREST ELEVATION : 1137.50 [m]
 BENCH TOE ELEVATION : 1133.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.82	3.198	5.83	7.994	2.598	5.396	47.822	.182
6.000	100.000	2	1.82	3.198	5.83	7.994	2.598	5.396	47.822	.182
6.000	100.000	3	2.03	3.299	6.68	7.843	2.709	5.134	42.360	.410
6.000	100.000	4	2.03	3.299	6.68	7.843	2.709	5.134	42.360	.410
6.000	100.000	5	86.06	3.989	343.27	8.808	3.828	4.980	51.088	.678
6.000	100.000	6	86.06	3.989	343.27	8.808	3.828	4.980	51.088	.678
4.000	6.000	1	89.50	3.958	354.26	8.692	3.762	4.929	50.540	.664
4.000	6.000	2	89.50	3.958	354.26	8.692	3.762	4.929	50.540	.664
4.000	6.000	3	101.45	3.951	400.87	8.234	3.603	4.631	47.920	.687
4.000	6.000	4	112.18	3.961	444.34	7.919	3.443	4.476	47.526	.620
4.000	6.000	5	112.59	3.961	445.97	7.911	3.439	4.471	47.517	.621
4.000	6.000	6	112.59	3.961	445.97	7.911	3.439	4.471	47.517	.621
.000	4.000	1	120.29	3.913	470.72	7.605	3.298	4.308	45.519	.592
.000	4.000	2	155.72	3.809	593.08	6.496	2.806	3.690	39.133	.538
.000	4.000	3	189.74	3.805	721.97	5.840	2.541	3.299	34.975	.599
.000	4.000	4	191.16	3.800	726.36	5.809	2.527	3.281	34.798	.596
.000	4.000	5	191.36	3.799	726.97	5.804	2.525	3.279	34.769	.595
.000	4.000	6	191.36	3.799	726.97	5.804	2.525	3.279	34.769	.595
.000	9999.000	****	2490.75	2.581	6428.91	.656	.286	.371	3.932	.067
TOTAL			2490.75	2.581	6428.91	.656	.286	.371	3.932	.067

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 18

BENCH CREST ELEVATION : 1133.00 [m]
 BENCH TOE ELEVATION : 1128.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]		[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	.20	4.035	.82	6.612	3.539	3.073	44.000	.532	
6.000	100.000	5	72.70	4.056	294.87	9.364	4.034	5.331	55.440	.752	
4.000	6.000	1	7.90	3.107	24.53	4.676	1.679	2.997	32.454	.564	
4.000	6.000	2	3.64	3.258	11.88	4.199	1.593	2.606	11.890	.123	
4.000	6.000	3	8.91	3.877	34.54	4.578	2.431	2.147	32.043	.767	
4.000	6.000	4	14.38	4.102	58.97	5.063	1.974	3.089	44.928	.000	
4.000	6.000	5	.20	3.682	.75	5.843	2.624	3.219	37.000	.585	
.000	4.000	1	23.29	3.302	76.89	2.443	.994	1.449	16.484	.229	
.000	4.000	2	56.09	3.405	190.97	2.115	.827	1.288	12.854	.341	
.000	4.000	3	56.50	3.762	212.55	2.871	1.369	1.502	17.047	.785	
.000	4.000	4	.20	4.311	.87	3.928	1.511	2.417	42.000	.000	
.000	4.000	5	.20	3.000	.61	.000	.000	.000	.000	.000	
.000	9999.000	****	2246.53	2.521	5663.54	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.638	6571.79	.700	.302	.398	4.335	.078	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 18

BENCH CREST ELEVATION : 1133.00 [m]
 BENCH TOE ELEVATION : 1128.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
			[bcm	x1000]		[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	.20		4.035	.82	6.612	3.539	3.073	44.000	.532
6.000	100.000	4	.20		4.035	.82	6.612	3.539	3.073	44.000	.532
6.000	100.000	5	72.90		4.056	295.69	9.357	4.032	5.324	55.409	.751
6.000	100.000	6	72.90		4.056	295.69	9.357	4.032	5.324	55.409	.751
4.000	6.000	1	80.80		3.963	320.22	8.998	3.852	5.146	53.650	.737
4.000	6.000	2	84.44		3.933	332.10	8.826	3.771	5.055	52.157	.715
4.000	6.000	3	93.35		3.927	366.64	8.426	3.645	4.781	50.261	.720
4.000	6.000	4	107.73		3.951	425.61	7.960	3.413	4.547	49.522	.620
4.000	6.000	5	107.93		3.950	426.36	7.957	3.412	4.545	49.501	.620
4.000	6.000	6	107.93		3.950	426.36	7.957	3.412	4.545	49.501	.620
.000	4.000	1	131.22		3.835	503.24	7.114	3.043	4.072	44.456	.560
.000	4.000	2	187.31		3.706	694.22	5.739	2.433	3.306	35.763	.500
.000	4.000	3	243.81		3.719	906.77	5.067	2.184	2.883	31.376	.567
.000	4.000	4	244.01		3.720	907.64	5.066	2.183	2.883	31.386	.566
.000	4.000	5	244.21		3.719	908.25	5.062	2.182	2.881	31.365	.566
.000	4.000	6	244.21		3.719	908.25	5.062	2.182	2.881	31.365	.566
.000	9999.000	****	2490.75		2.638	6571.79	.700	.302	.398	4.335	.078
TOTAL			2490.75		2.638	6571.79	.700	.302	.398	4.335	.078

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 19

BENCH CREST ELEVATION : 1128.50 [m]
 BENCH TOE ELEVATION : 1124.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	3.44	3.058	10.53	10.292	3.772	6.520	44.847	.876
6.000	100.000	5	43.94	4.152	182.44	10.361	4.327	6.035	66.439	.780
4.000	6.000	1	22.07	3.093	68.26	4.778	1.655	3.122	32.260	.538
4.000	6.000	2	4.25	3.316	14.10	4.531	1.793	2.738	13.229	.221
4.000	6.000	3	4.45	3.814	16.99	4.251	2.334	1.917	33.063	.743
.000	4.000	1	48.60	3.225	156.73	2.652	1.015	1.637	16.888	.290
.000	4.000	2	79.79	3.396	270.92	1.858	.726	1.133	12.125	.373
.000	4.000	3	44.15	3.692	162.97	2.922	1.323	1.599	21.508	.705
.000	4.000	4	1.22	4.320	5.25	2.232	1.258	.973	2.000	.000
.000	4.000	5	.41	3.000	1.22	.000	.000	.000	.000	.000
.000	4.000	6	1.22	3.000	3.64	.000	.000	.000	.000	.000
.000	9999.000	****	2237.22	2.566	5740.73	.000	.000	.000	.000	.000
TOTAL			2490.75	2.663	6633.78	.583	.239	.344	3.767	.070

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 19

BENCH CREST ELEVATION : 1128.50 [m]
 BENCH TOE ELEVATION : 1124.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	3.44		3.058	10.53	10.292	3.772	6.520	44.847	.876
6.000	100.000	2	3.44		3.058	10.53	10.292	3.772	6.520	44.847	.876
6.000	100.000	3	3.44		3.058	10.53	10.292	3.772	6.520	44.847	.876
6.000	100.000	4	3.44		3.058	10.53	10.292	3.772	6.520	44.847	.876
6.000	100.000	5	47.38		4.072	192.97	10.357	4.296	6.061	65.262	.785
6.000	100.000	6	47.38		4.072	192.97	10.357	4.296	6.061	65.262	.785
4.000	6.000	1	69.46		3.761	261.23	8.899	3.606	5.293	56.638	.720
4.000	6.000	2	73.71		3.735	275.33	8.676	3.513	5.162	54.415	.695
4.000	6.000	3	78.17		3.740	292.32	8.418	3.445	4.974	53.174	.698
4.000	6.000	4	78.17		3.740	292.32	8.418	3.445	4.974	53.174	.698
4.000	6.000	5	78.17		3.740	292.32	8.418	3.445	4.974	53.174	.698
4.000	6.000	6	78.17		3.740	292.32	8.418	3.445	4.974	53.174	.698
.000	4.000	1	126.76		3.542	449.05	6.406	2.597	3.809	40.509	.555
.000	4.000	2	206.55		3.486	719.97	4.695	1.893	2.802	29.828	.487
.000	4.000	3	250.70		3.522	882.94	4.367	1.788	2.580	28.293	.527
.000	4.000	4	251.91		3.526	888.19	4.355	1.784	2.570	28.137	.524
.000	4.000	5	252.32		3.525	889.40	4.349	1.782	2.567	28.099	.523
.000	4.000	6	253.53		3.522	893.05	4.331	1.775	2.556	27.984	.521
.000	9999.000	****	2490.75		2.663	6633.78	.583	.239	.344	3.767	.070
TOTAL			2490.75		2.663	6633.78	.583	.239	.344	3.767	.070

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 20

BENCH CREST ELEVATION : 1124.00 [m]
 BENCH TOE ELEVATION : 1119.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	12.56	3.165	39.73	7.913	3.110	4.804	35.431	.399
6.000	100.000	5	55.89	4.120	230.28	11.193	4.710	6.483	67.472	.680
4.000	6.000	1	19.44	3.087	60.01	5.025	1.874	3.150	31.218	.551
4.000	6.000	2	1.01	3.277	3.32	4.256	1.638	2.618	12.399	.142
4.000	6.000	3	.81	3.859	3.13	4.068	2.001	2.067	33.998	.814
.000	4.000	1	42.93	3.199	137.31	2.579	1.044	1.535	16.266	.282
.000	4.000	2	81.40	3.406	277.27	1.954	.797	1.157	13.443	.433
.000	4.000	3	18.63	3.816	71.08	3.258	1.582	1.676	27.516	.648
.000	4.000	4	2.43	4.320	10.50	2.129	1.099	1.031	2.000	.000
.000	4.000	5	.41	3.000	1.22	.000	.000	.000	.000	.000
.000	4.000	6	1.22	3.000	3.64	.000	.000	.000	.000	.000
.000	9999.000	****	2254.03	2.606	5873.17	.000	.000	.000	.000	.000
TOTAL			2490.75	2.694	6710.66	.651	.271	.380	4.009	.062

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 20

BENCH CREST ELEVATION : 1124.00 [m]
 BENCH TOE ELEVATION : 1119.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM TO [Pb+Zn] [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000 100.000	1	12.56	3.165	39.73	7.913	3.110	4.804	35.431	.399
6.000 100.000	2	12.56	3.165	39.73	7.913	3.110	4.804	35.431	.399
6.000 100.000	3	12.56	3.165	39.73	7.913	3.110	4.804	35.431	.399
6.000 100.000	4	12.56	3.165	39.73	7.913	3.110	4.804	35.431	.399
6.000 100.000	5	68.44	3.945	270.01	10.710	4.474	6.236	62.757	.638
6.000 100.000	6	68.44	3.945	270.01	10.710	4.474	6.236	62.757	.638
4.000 6.000	1	87.89	3.755	330.02	9.676	4.002	5.675	57.022	.622
4.000 6.000	2	88.90	3.750	333.34	9.622	3.978	5.644	56.578	.618
4.000 6.000	3	89.71	3.751	336.47	9.571	3.960	5.611	56.368	.619
4.000 6.000	4	89.71	3.751	336.47	9.571	3.960	5.611	56.368	.619
4.000 6.000	5	89.71	3.751	336.47	9.571	3.960	5.611	56.368	.619
4.000 6.000	6	89.71	3.751	336.47	9.571	3.960	5.611	56.368	.619
.000 4.000	1	132.64	3.572	473.78	7.544	3.115	4.430	44.745	.522
.000 4.000	2	214.04	3.509	751.05	5.480	2.259	3.222	33.189	.489
.000 4.000	3	232.67	3.533	822.13	5.288	2.200	3.088	32.699	.503
.000 4.000	4	235.10	3.542	832.63	5.248	2.186	3.062	32.312	.496
.000 4.000	5	235.51	3.541	833.85	5.241	2.183	3.057	32.265	.496
.000 4.000	6	236.72	3.538	837.49	5.218	2.174	3.044	32.124	.494
.000 9999.000	****	2490.75	2.694	6710.66	.651	.271	.380	4.009	.062

TOTAL 2490.75 2.694 6710.66 .651 .271 .380 4.009 .062

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 21

BENCH CREST ELEVATION : 1119.50 [m]
 BENCH TOE ELEVATION : 1115.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM	GRADES TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	9.52	3.139	29.88	10.122	3.895	6.227	39.773	.643
6.000	100.000	5	46.37	4.160	192.92	10.854	4.435	6.419	60.974	.633
6.000	100.000	6	7.29	3.578	26.08	11.741	5.728	6.013	82.000	.185
4.000	6.000	1	36.25	3.067	111.18	5.033	1.868	3.166	28.606	.492
4.000	6.000	2	1.01	3.303	3.34	4.484	1.734	2.749	15.528	.175
4.000	6.000	5	2.43	4.043	9.83	5.527	2.387	3.140	29.131	.691
.000	4.000	1	23.29	3.000	69.86	2.795	1.126	1.669	18.155	.410
.000	4.000	2	75.33	3.438	258.95	1.928	.783	1.145	15.341	.551
.000	4.000	3	14.58	3.846	56.07	3.229	1.451	1.778	28.965	.620
.000	4.000	4	3.64	3.756	13.69	3.574	1.778	1.796	27.667	.385
.000	9999.000	****	2271.04	2.639	5993.63	.000	.000	.000	.000	.000
TOTAL			2490.75	2.716	6765.43	.629	.258	.371	3.821	.062

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 21

BENCH CREST ELEVATION : 1119.50 [m]
 BENCH TOE ELEVATION : 1115.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	9.52	3.139	29.88	10.122	3.895	6.227	39.773	.643
6.000	100.000	2	9.52	3.139	29.88	10.122	3.895	6.227	39.773	.643
6.000	100.000	3	9.52	3.139	29.88	10.122	3.895	6.227	39.773	.643
6.000	100.000	4	9.52	3.139	29.88	10.122	3.895	6.227	39.773	.643
6.000	100.000	5	55.89	3.986	222.80	10.756	4.362	6.394	58.131	.634
6.000	100.000	6	63.18	3.939	248.88	10.859	4.505	6.354	60.632	.587
4.000	6.000	1	99.43	3.621	360.06	9.060	3.691	5.369	50.743	.558
4.000	6.000	2	100.44	3.618	363.41	9.018	3.673	5.345	50.419	.554
4.000	6.000	3	100.44	3.618	363.41	9.018	3.673	5.345	50.419	.554
4.000	6.000	4	100.44	3.618	363.41	9.018	3.673	5.345	50.419	.554
4.000	6.000	5	102.87	3.628	373.23	8.926	3.639	5.287	49.859	.558
4.000	6.000	6	102.87	3.628	373.23	8.926	3.639	5.287	49.859	.558
.000	4.000	1	126.16	3.512	443.09	7.959	3.243	4.717	44.860	.535
.000	4.000	2	201.49	3.484	702.04	5.735	2.336	3.399	33.972	.541
.000	4.000	3	216.07	3.509	758.11	5.549	2.270	3.279	33.602	.546
.000	4.000	4	219.71	3.513	771.80	5.514	2.261	3.253	33.496	.544
.000	4.000	5	219.71	3.513	771.80	5.514	2.261	3.253	33.496	.544
.000	4.000	6	219.71	3.513	771.80	5.514	2.261	3.253	33.496	.544
.000	9999.000	****	2490.75	2.716	6765.43	.629	.258	.371	3.821	.062

TOTAL 2490.75 2.716 6765.43 .629 .258 .371 3.821 .062

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 22

BENCH CREST ELEVATION : 1115.00 [m]
 BENCH TOE ELEVATION : 1110.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TDNS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	16.60	2.931	48.67	8.771	3.531	5.240	42.894	.810
6.000	100.000	5	47.59	4.131	196.59	11.246	4.736	6.510	62.351	.540
4.000	6.000	1	43.54	2.977	129.60	5.070	1.972	3.098	30.890	.533
4.000	6.000	2	.20	3.446	.70	4.084	1.581	2.503	26.000	.342
4.000	6.000	3	5.87	3.905	22.93	4.610	2.133	2.477	34.510	.762
4.000	6.000	4	.41	3.765	1.52	4.029	1.934	2.094	28.000	.423
.000	4.000	1	38.68	2.912	112.64	3.104	1.237	1.867	19.718	.521
.000	4.000	2	65.00	3.475	225.88	1.707	.719	.988	16.551	.619
.000	4.000	3	12.35	3.816	47.13	3.234	1.479	1.755	29.835	.614
.000	4.000	4	6.89	4.033	27.76	3.878	1.893	1.985	15.309	.242
.000	9999.000	****	2253.62	2.661	5996.54	.000	.000	.000	.000	.000
TOTAL			2490.75	2.734	6809.96	.647	.270	.377	3.963	.069

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 22

BENCH CREST ELEVATION : 1115.00 [m]
 BENCH TOE ELEVATION : 1110.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM	GRADES TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	16.60	2.931	48.67	8.771	3.531	5.240	42.894	.810
6.000	100.000	2	16.60	2.931	48.67	8.771	3.531	5.240	42.894	.810
6.000	100.000	3	16.60	2.931	48.67	8.771	3.531	5.240	42.894	.810
6.000	100.000	4	16.60	2.931	48.67	8.771	3.531	5.240	42.894	.810
6.000	100.000	5	64.19	3.821	245.26	10.755	4.497	6.258	58.490	.594
6.000	100.000	6	64.19	3.821	245.26	10.755	4.497	6.258	58.490	.594
4.000	6.000	1	107.73	3.480	374.85	8.790	3.624	5.166	48.948	.573
4.000	6.000	2	107.93	3.479	375.55	8.781	3.620	5.161	48.905	.572
4.000	6.000	3	113.81	3.501	398.48	8.541	3.535	5.006	48.077	.583
4.000	6.000	4	114.21	3.502	400.01	8.524	3.529	4.995	48.001	.583
4.000	6.000	5	114.21	3.502	400.01	8.524	3.529	4.995	48.001	.583
4.000	6.000	6	114.21	3.502	400.01	8.524	3.529	4.995	48.001	.583
.000	4.000	1	152.89	3.353	512.64	7.333	3.025	4.308	41.786	.569
.000	4.000	2	217.89	3.389	738.52	5.612	2.320	3.292	34.068	.584
.000	4.000	3	230.24	3.412	785.65	5.470	2.269	3.200	33.814	.586
.000	4.000	4	237.13	3.430	813.42	5.415	2.256	3.159	33.183	.574
.000	4.000	5	237.13	3.430	813.42	5.415	2.256	3.159	33.183	.574
.000	4.000	6	237.13	3.430	813.42	5.415	2.256	3.159	33.183	.574
.000	9999.000	****	2490.75	2.734	6809.96	.647	.270	.377	3.963	.069
TOTAL			2490.75	2.734	6809.96	.647	.270	.377	3.963	.069

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 23

BENCH CREST ELEVATION : 1110.50 [m]
 BENCH TOE ELEVATION : 1106.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	29.57	2.898	85.68	7.497	3.087	4.410	39.727	.728	
6.000	100.000	5	52.65	4.173	219.71	11.471	4.803	6.668	65.488	.633	
4.000	6.000	1	39.28	2.907	114.19	5.048	1.999	3.049	29.943	.554	
4.000	6.000	3	4.86	3.950	19.20	4.989	2.147	2.842	34.008	.815	
4.000	6.000	4	2.43	4.084	9.92	4.108	1.986	2.122	10.623	.156	
4.000	6.000	5	.20	4.296	.87	5.752	2.538	3.214	59.000	.700	
.000	4.000	1	39.49	2.892	114.20	3.114	1.219	1.894	19.370	.492	
.000	4.000	2	46.78	3.493	163.39	1.528	.675	.853	15.952	.736	
.000	4.000	3	14.58	3.812	55.58	2.788	1.248	1.540	27.426	.826	
.000	4.000	4	6.07	3.809	23.14	3.769	1.831	1.938	25.612	.401	
.000	9999.000	****	2254.84	2.694	6073.49	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.762	6879.37	.687	.287	.401	4.209	.075	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 23

BENCH CREST ELEVATION : 1110.50 [m]
 BENCH TOE ELEVATION : 1106.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	29.57		2.898	85.68	7.497	3.087	4.410	39.727	.728
6.000	100.000	2	29.57		2.898	85.68	7.497	3.087	4.410	39.727	.728
6.000	100.000	3	29.57		2.898	85.68	7.497	3.087	4.410	39.727	.728
6.000	100.000	4	29.57		2.898	85.68	7.497	3.087	4.410	39.727	.728
6.000	100.000	5	82.21		3.715	305.39	10.356	4.322	6.035	58.260	.659
6.000	100.000	6	82.21		3.715	305.39	10.356	4.322	6.035	58.260	.659
4.000	6.000	1	121.50		3.453	419.58	8.912	3.689	5.222	50.554	.631
4.000	6.000	2	121.50		3.453	419.58	8.912	3.689	5.222	50.554	.631
4.000	6.000	3	126.36		3.472	438.78	8.740	3.622	5.118	49.830	.639
4.000	6.000	4	128.79		3.484	448.70	8.637	3.586	5.052	48.963	.628
4.000	6.000	5	128.99		3.485	449.57	8.632	3.584	5.048	48.982	.628
4.000	6.000	6	128.99		3.485	449.57	8.632	3.584	5.048	48.982	.628
.000	4.000	1	168.48		3.346	563.77	7.514	3.105	4.409	42.984	.601
.000	4.000	2	215.26		3.378	727.16	6.169	2.559	3.610	36.910	.631
.000	4.000	3	229.84		3.406	782.74	5.929	2.466	3.463	36.236	.645
.000	4.000	4	235.91		3.416	805.89	5.867	2.448	3.419	35.931	.638
.000	4.000	5	235.91		3.416	805.89	5.867	2.448	3.419	35.931	.638
.000	4.000	6	235.91		3.416	805.89	5.867	2.448	3.419	35.931	.638
.000	9999.000	****	2490.75		2.762	6879.37	.687	.287	.401	4.209	.075
TOTAL			2490.75		2.762	6879.37	.687	.287	.401	4.209	.075

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 24

BENCH CREST ELEVATION : 1106.00 [m]

BENCH TOE ELEVATION : 1101.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM	TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	19.03	2.897	55.15	7.230	3.052	4.179	39.075	.743
6.000	100.000	5	49.81	4.236	211.02	10.817	4.630	6.188	67.104	.873
4.000	6.000	1	44.35	2.884	127.92	5.176	2.021	3.155	29.816	.496
4.000	6.000	5	1.62	4.214	6.83	4.929	2.363	2.567	40.250	1.413
.000	4.000	1	68.85	2.988	205.76	2.717	1.068	1.648	14.261	.337
.000	4.000	2	36.65	3.505	128.48	1.463	.691	.773	16.388	.862
.000	4.000	3	15.80	3.874	61.18	2.451	1.232	1.219	23.622	1.632
.000	4.000	4	2.43	3.675	8.93	3.388	1.672	1.716	26.836	.426
.000	4.000	5	.20	4.224	.86	3.481	1.771	1.710	33.000	1.626
.000	9999.000	****	2252.00	2.696	6071.67	.000	.000	.000	.000	.000
TOTAL			2490.75	2.761	6877.78	.626	.265	.362	3.948	.085

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 24

BENCH CREST ELEVATION : 1106.00 [m]
 BENCH TOE ELEVATION : 1101.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	19.03		2.897	55.15	7.230	3.052	4.179	39.075	.743
6.000	100.000	2	19.03		2.897	55.15	7.230	3.052	4.179	39.075	.743
6.000	100.000	3	19.03		2.897	55.15	7.230	3.052	4.179	39.075	.743
6.000	100.000	4	19.03		2.897	55.15	7.230	3.052	4.179	39.075	.743
6.000	100.000	5	68.85		3.866	266.17	10.074	4.303	5.771	61.296	.846
6.000	100.000	6	68.85		3.866	266.17	10.074	4.303	5.771	61.296	.846
4.000	6.000	1	113.20		3.481	394.09	8.484	3.562	4.922	51.078	.732
4.000	6.000	2	113.20		3.481	394.09	8.484	3.562	4.922	51.078	.732
4.000	6.000	3	113.20		3.481	394.09	8.484	3.562	4.922	51.078	.732
4.000	6.000	4	113.20		3.481	394.09	8.484	3.562	4.922	51.078	.732
4.000	6.000	5	114.82		3.492	400.91	8.424	3.542	4.882	50.893	.744
4.000	6.000	6	114.82		3.492	400.91	8.424	3.542	4.882	50.893	.744
.000	4.000	1	183.67		3.303	606.67	6.488	2.703	3.785	38.469	.606
.000	4.000	2	220.32		3.337	735.15	5.610	2.351	3.259	34.610	.651
.000	4.000	3	236.12		3.373	796.33	5.367	2.265	3.102	33.766	.726
.000	4.000	4	238.54		3.376	805.26	5.345	2.259	3.087	33.689	.723
.000	4.000	5	238.75		3.376	806.11	5.343	2.258	3.085	33.688	.724
.000	4.000	6	238.75		3.376	806.11	5.343	2.258	3.085	33.688	.724
.000	9999.000	****	2490.75		2.761	6877.78	.626	.265	.362	3.948	.085
TOTAL			2490.75		2.761	6877.78	.626	.265	.362	3.948	.085

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 25

BENCH CREST ELEVATION : 1101.50 [m]
 BENCH TDE ELEVATION : 1097.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	18.23	2.895	52.76	7.527	3.171	4.356	40.139	.794
6.000	100.000	5	56.50	4.232	239.10	10.641	4.669	5.973	67.402	.795
4.000	6.000	1	41.51	2.908	120.73	4.959	1.985	2.974	30.001	.510
4.000	6.000	4	7.29	4.240	30.91	4.609	1.767	2.842	39.382	.000
.000	4.000	1	86.06	3.042	261.79	2.591	1.018	1.572	11.751	.316
.000	4.000	2	37.67	3.519	132.56	1.272	.613	.659	15.193	.817
.000	4.000	3	17.01	3.984	67.77	2.417	1.272	1.145	23.896	1.637
.000	4.000	4	2.43	3.685	8.96	3.476	1.707	1.769	27.004	.434
.000	9999.000	****	2224.06	2.699	6002.02	.000	.000	.000	.000	.000
TOTAL			2490.75	2.777	6916.58	.683	.293	.390	4.341	.087

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 25

BENCH CREST ELEVATION : 1101.50 [m]
 BENCH TOE ELEVATION : 1097.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
[Cu+Zn]	[Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	18.23	2.895	52.76	7.527	3.171	4.356	40.139	.794	
6.000	100.000	2	18.23	2.895	52.76	7.527	3.171	4.356	40.139	.794	
6.000	100.000	3	18.23	2.895	52.76	7.527	3.171	4.356	40.139	.794	
6.000	100.000	4	18.23	2.895	52.76	7.527	3.171	4.356	40.139	.794	
5.000	100.000	5	74.72	3.906	291.86	10.078	4.398	5.680	62.474	.795	
6.000	100.000	6	74.72	3.906	291.86	10.078	4.398	5.680	62.474	.795	
4.000	6.000	1	116.24	3.550	412.58	8.581	3.692	4.889	52.972	.712	
4.000	6.000	2	116.24	3.550	412.58	8.581	3.692	4.889	52.972	.712	
4.000	6.000	3	116.24	3.550	412.58	8.581	3.692	4.889	52.972	.712	
4.000	6.000	4	123.53	3.590	443.49	8.304	3.558	4.746	52.025	.662	
4.000	6.000	5	123.53	3.590	443.49	8.304	3.558	4.746	52.025	.662	
4.000	6.000	6	123.53	3.590	443.49	8.304	3.558	4.746	52.025	.662	
.000	4.000	1	209.59	3.365	705.28	6.183	2.615	3.568	37.076	.534	
.000	4.000	2	247.25	3.389	837.84	5.406	2.299	3.108	33.614	.578	
.000	4.000	3	264.26	3.427	905.61	5.182	2.222	2.961	32.887	.658	
.000	4.000	4	266.69	3.429	914.57	5.166	2.217	2.949	32.829	.655	
.000	4.000	5	266.69	3.429	914.57	5.166	2.217	2.949	32.829	.655	
.000	4.000	6	266.69	3.429	914.57	5.166	2.217	2.949	32.829	.655	
.000	9999.000	****	2490.75	2.777	6916.58	.683	.293	.390	4.341	.087	

TOTAL 2490.75 2.777 6916.58 .683 .293 .390 4.341 .087

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 26

BENCH CREST ELEVATION : 1097.00 [m]
 BENCH TOE ELEVATION : 1092.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	6.48	2.899	18.79	7.397	3.143	4.254	39.995	.779	
6.000	100.000	5	69.05	4.311	297.65	11.921	5.440	6.481	78.868	.741	
4.000	6.000	1	26.33	2.904	76.46	4.877	1.966	2.911	28.895	.503	
.000	4.000	1	82.21	3.105	255.30	2.758	1.068	1.690	9.661	.268	
.000	4.000	2	63.99	3.512	224.75	1.288	.662	.626	14.763	.831	
.000	4.000	3	3.64	4.000	14.58	2.733	1.597	1.136	21.783	1.354	
.000	4.000	4	4.86	3.681	17.89	3.432	1.690	1.742	27.091	.441	
.000	9999.000	****	2234.18	2.700	6033.01	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.786	6938.43	.743	.332	.411	4.759	.080	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 26

BENCH CREST ELEVATION : 1097.00 [m]
 BENCH TOE ELEVATION : 1092.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]		[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	6.48	2.899	18.79	7.397	3.143	4.254	39.995	.779	
6.000	100.000	2	6.48	2.899	18.79	7.397	3.143	4.254	39.995	.779	
6.000	100.000	3	6.48	2.899	18.79	7.397	3.143	4.254	39.995	.779	
6.000	100.000	4	6.48	2.899	18.79	7.397	3.143	4.254	39.995	.779	
6.000	100.000	5	75.53	4.189	316.44	11.653	5.304	6.349	76.560	.743	
6.000	100.000	6	75.53	4.189	316.44	11.653	5.304	6.349	76.560	.743	
4.000	6.000	1	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
4.000	6.000	2	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
4.000	6.000	3	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
4.000	6.000	4	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
4.000	6.000	5	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
4.000	6.000	6	101.86	3.857	392.90	10.334	4.654	5.680	67.284	.697	
.000	4.000	1	184.07	3.521	648.20	7.350	3.242	4.109	44.589	.528	
.000	4.000	2	248.06	3.519	872.95	5.789	2.577	3.212	36.910	.606	
.000	4.000	3	251.71	3.526	887.53	5.739	2.561	3.178	36.661	.618	
.000	4.000	4	256.57	3.529	905.42	5.694	2.544	3.149	36.472	.615	
.000	4.000	5	256.57	3.529	905.42	5.694	2.544	3.149	36.472	.615	
.000	4.000	6	256.57	3.529	905.42	5.694	2.544	3.149	36.472	.615	
.000	9999.000	****	2490.75	2.786	6938.43	.743	.332	.411	4.759	.080	

TOTAL 2490.75 2.786 6938.43 .743 .332 .411 4.759 .080

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 27

BENCH CREST ELEVATION : 1092.50 [m]
 BENCH TOE ELEVATION : 1088.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	12.56	3.000	37.66	6.955	2.750	4.204	38.747	.479	
6.000	100.000	5	66.22	4.299	284.69	12.180	5.558	6.621	80.005	.793	
4.000	6.000	1	27.74	2.974	82.51	4.567	1.817	2.750	20.090	.348	
.000	4.000	1	72.29	3.166	228.91	2.965	1.138	1.827	9.959	.258	
.000	4.000	2	65.61	3.489	228.91	1.329	.674	.655	14.212	.786	
.000	4.000	3	9.11	3.991	36.37	2.040	1.002	1.038	17.484	1.398	
.000	4.000	4	7.29	3.684	26.86	3.311	1.647	1.664	27.043	.468	
.000	9999.000	****	2229.93	2.701	6022.02	-.005	.004	.003	.056	.000	
TOTAL			2490.75	2.789	6947.93	.752	.339	.423	4.768	.083	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 27

BENCH CREST ELEVATION : 1092.50 [m]
 BENCH TOE ELEVATION : 1088.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	12.56		3.000	37.66	6.955	2.750	4.204	38.747	.479
6.000	100.000	2	12.56		3.000	37.66	6.955	2.750	4.204	38.747	.479
6.000	100.000	3	12.56		3.000	37.66	6.955	2.750	4.204	38.747	.479
6.000	100.000	4	12.56		3.000	37.66	6.955	2.750	4.204	38.747	.479
6.000	100.000	5	78.77		4.092	322.35	11.569	5.230	6.339	75.185	.756
6.000	100.000	6	78.77		4.092	322.35	11.569	5.230	6.339	75.185	.756
4.000	6.000	1	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
4.000	6.000	2	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
4.000	6.000	3	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
4.000	6.000	4	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
4.000	6.000	5	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
4.000	6.000	6	106.51		3.801	404.87	10.142	4.534	5.608	63.956	.673
.000	4.000	1	178.81		3.544	633.78	7.550	3.308	4.242	44.453	.523
.000	4.000	2	244.42		3.530	862.69	5.899	2.609	3.290	36.429	.593
.000	4.000	3	253.53		3.546	899.05	5.743	2.544	3.199	35.663	.625
.000	4.000	4	260.82		3.550	925.91	5.673	2.518	3.155	35.413	.621
.000	4.000	5	260.82		3.550	925.91	5.673	2.518	3.155	35.413	.621
.000	4.000	6	260.82		3.550	925.91	5.673	2.518	3.155	35.413	.621
.000	9999.000	****	2490.75		2.789	6947.93	.752	.339	.423	4.768	.083
TOTAL			2490.75		2.789	6947.93	.752	.339	.423	4.768	.083

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 28

BENCH CREST ELEVATION : 1088.00 [m]
 BENCH TOE ELEVATION : 1083.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.82	2.863	5.22	6.372	2.614	3.758	37.113	.601
6.000	100.000	5	50.63	4.238	214.57	11.975	5.487	6.488	77.918	.671
4.000	6.000	1	18.02	3.039	54.78	4.470	1.704	2.765	13.068	.234
4.000	6.000	3	1.01	4.387	4.44	4.520	2.463	2.057	24.000	.758
4.000	6.000	4	.20	3.640	.74	4.037	1.911	2.126	31.000	.529
4.000	6.000	5	4.05	3.985	16.14	5.539	2.737	2.802	40.290	.650
.000	4.000	1	74.11	3.194	236.69	2.700	1.035	1.666	10.021	.232
.000	4.000	2	60.95	3.463	211.06	1.448	.736	.712	14.159	.803
.000	4.000	3	29.77	4.091	121.77	2.087	1.072	1.015	18.915	1.264
.000	4.000	4	4.66	3.711	17.28	3.385	1.706	1.679	27.804	.512
.000	9999.000	****	2245.52	2.700	6063.77	.000	.000	.000	.000	.000
TOTAL			2490.75	2.789	6946.46	.607	.274	.333	3.822	.081

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 28

BENCH CREST ELEVATION : 1088.00 [m]
 BENCH TOE ELEVATION : 1083.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.82		2.863	5.22	6.372	2.614	3.758	37.113	.601
6.000	100.000	2	1.82		2.863	5.22	6.372	2.614	3.758	37.113	.601
6.000	100.000	3	1.82		2.863	5.22	6.372	2.614	3.758	37.113	.601
6.000	100.000	4	1.82		2.863	5.22	6.372	2.614	3.758	37.113	.601
6.000	100.000	5	52.45		4.191	219.79	11.842	5.419	6.423	76.949	.669
6.000	100.000	6	52.45		4.191	219.79	11.842	5.419	6.423	76.949	.669
4.000	6.000	1	70.47		3.896	274.57	10.371	4.678	5.693	64.204	.582
4.000	6.000	2	70.47		3.896	274.57	10.371	4.678	5.693	64.204	.582
4.000	6.000	3	71.48		3.903	279.01	10.278	4.643	5.635	63.564	.585
4.000	6.000	4	71.68		3.902	279.75	10.262	4.635	5.626	63.478	.585
4.000	6.000	5	75.74		3.907	295.89	10.004	4.532	5.472	62.213	.589
4.000	6.000	6	75.74		3.907	295.89	10.004	4.532	5.472	62.213	.589
.000	4.000	1	149.85		3.554	532.58	6.758	2.978	3.780	39.018	.430
.000	4.000	2	210.80		3.528	743.64	5.251	2.342	2.909	31.962	.536
.000	4.000	3	240.57		3.597	865.41	4.806	2.163	2.643	30.127	.638
.000	4.000	4	245.23		3.600	882.70	4.778	2.154	2.624	30.081	.636
.000	4.000	5	245.23		3.600	882.70	4.778	2.154	2.624	30.081	.636
.000	4.000	6	245.23		3.600	882.70	4.778	2.154	2.624	30.081	.636
.000	9999.000	****	2490.75		2.789	6946.46	.607	.274	.333	3.822	.081
TOTAL			2490.75		2.789	6946.46	.607	.274	.333	3.822	.081

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 29

BENCH CREST ELEVATION : 1083.50 [m]
 BENCH TOE ELEVATION : 1079.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	3.24	2.928	9.49	6.488	2.743	3.744	40.484	.632	
6.000	100.000	5	66.01	4.189	276.56	10.596	4.667	5.929	64.451	.705	
4.000	6.000	1	31.18	2.955	92.15	4.883	1.822	3.061	19.156	.324	
4.000	6.000	2	1.62	3.463	5.61	4.285	2.306	1.979	25.661	.804	
4.000	6.000	3	.81	4.322	3.50	4.381	2.491	1.890	25.000	.809	
4.000	6.000	4	3.64	3.692	13.46	4.203	1.956	2.247	28.000	.410	
4.000	6.000	5	4.25	4.024	17.11	5.488	2.705	2.783	40.114	.638	
.000	4.000	1	64.60	3.159	204.08	2.205	.850	1.356	11.136	.260	
.000	4.000	2	59.74	3.465	206.99	1.595	.821	.774	14.916	.875	
.000	4.000	3	17.62	4.035	71.08	2.484	1.337	1.147	23.593	.934	
.000	4.000	4	3.64	4.320	15.75	3.042	2.535	.506	2.000	.000	
.000	9999.000	****	2234.39	2.700	6033.68	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.790	6949.46	.667	.296	.371	4.078	.080	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 29

BENCH CREST ELEVATION : 1083.50 [m]
 BENCH TOE ELEVATION : 1079.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]		[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	3.24	2.928	9.49	6.488	2.743	3.744	40.484	.632	
6.000	100.000	2	3.24	2.928	9.49	6.488	2.743	3.744	40.484	.632	
6.000	100.000	3	3.24	2.928	9.49	6.488	2.743	3.744	40.484	.632	
6.000	100.000	4	3.24	2.928	9.49	6.488	2.743	3.744	40.484	.632	
6.000	100.000	5	69.25	4.130	286.05	10.460	4.603	5.857	63.656	.702	
6.000	100.000	6	69.25	4.130	286.05	10.460	4.603	5.857	63.656	.702	
4.000	6.000	1	100.44	3.765	378.20	9.101	3.926	5.175	52.814	.610	
4.000	6.000	2	102.06	3.761	383.81	9.031	3.902	5.129	52.417	.613	
4.000	6.000	3	102.87	3.765	387.31	8.989	3.889	5.099	52.169	.615	
4.000	6.000	4	106.51	3.763	400.76	8.828	3.824	5.004	51.357	.608	
4.000	6.000	5	110.77	3.773	417.88	8.691	3.779	4.913	50.897	.609	
4.000	6.000	6	110.77	3.773	417.88	8.691	3.779	4.913	50.897	.609	
.000	4.000	1	175.37	3.547	621.96	6.563	2.817	3.746	37.850	.495	
.000	4.000	2	235.10	3.526	828.95	5.322	2.319	3.004	32.124	.590	
.000	4.000	3	252.72	3.561	900.03	5.098	2.241	2.857	31.450	.617	
.000	4.000	4	256.36	3.572	915.77	5.063	2.246	2.817	30.944	.606	
.000	4.000	5	256.36	3.572	915.77	5.063	2.246	2.817	30.944	.606	
.000	4.000	6	256.36	3.572	915.77	5.063	2.246	2.817	30.944	.606	
.000	9999.000	****	2490.75	2.790	6949.46	.667	.296	.371	4.078	.080	

TOTAL 2490.75 2.790 6949.46 .667 .296 .371 4.078 .080

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 30

BENCH CREST ELEVATION : 1079.00 [m]
 BENCH TOE ELEVATION : 1074.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.01	3.036	3.07	6.492	2.497	3.995	30.767	.498	
6.000	100.000	5	85.25	4.214	359.25	10.641	4.593	6.047	67.750	.755	
4.000	6.000	1	17.62	3.061	53.92	4.511	1.616	2.894	11.001	.262	
4.000	6.000	2	7.09	3.518	24.93	4.434	2.809	1.624	29.828	1.177	
4.000	6.000	5	1.62	3.922	6.35	5.299	2.557	2.741	37.751	.623	
.000	4.000	1	47.18	2.989	141.04	2.443	.940	1.503	11.605	.387	
.000	4.000	2	46.37	3.448	159.88	1.709	.852	.857	15.278	.873	
.000	4.000	3	17.42	3.966	69.07	2.435	1.285	1.150	23.526	1.034	
.000	4.000	4	6.07	4.051	24.61	2.318	1.803	.515	1.704	.000	
.000	9999.000	****	2261.11	2.700	6105.88	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.790	6948.01	.730	.321	.409	4.571	.084	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 30

BENCH CREST ELEVATION : 1079.00 [m]
 BENCH TOE ELEVATION : 1074.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	1.01	3.036	3.07	6.492	2.497	3.995	30.767	.498	
6.000	100.000	2	1.01	3.036	3.07	6.492	2.497	3.995	30.767	.498	
6.000	100.000	3	1.01	3.036	3.07	6.492	2.497	3.995	30.767	.498	
6.000	100.000	4	1.01	3.036	3.07	6.492	2.497	3.995	30.767	.498	
6.000	100.000	5	86.26	4.200	362.33	10.605	4.575	6.030	67.436	.753	
6.000	100.000	6	86.26	4.200	362.33	10.605	4.575	6.030	67.436	.753	
4.000	6.000	1	103.88	4.007	416.25	9.816	4.192	5.624	60.125	.689	
4.000	6.000	2	110.97	3.976	441.18	9.512	4.114	5.398	58.413	.717	
4.000	6.000	3	110.97	3.976	441.18	9.512	4.114	5.398	58.413	.717	
4.000	6.000	4	110.97	3.976	441.18	9.512	4.114	5.398	58.413	.717	
4.000	6.000	5	112.59	3.975	447.54	9.452	4.092	5.360	58.120	.715	
4.000	6.000	6	112.59	3.975	447.54	9.452	4.092	5.360	58.120	.715	
.000	4.000	1	159.77	3.684	588.57	7.772	3.337	4.436	46.974	.637	
.000	4.000	2	206.15	3.631	748.45	6.477	2.806	3.671	40.203	.687	
.000	4.000	3	223.56	3.657	817.52	6.136	2.677	3.458	38.794	.717	
.000	4.000	4	229.63	3.667	842.12	6.024	2.652	3.372	37.710	.696	
.000	4.000	5	229.63	3.667	842.12	6.024	2.652	3.372	37.710	.696	
.000	4.000	6	229.63	3.667	842.12	6.024	2.652	3.372	37.710	.696	
.000	9999.000	****	2490.75	2.790	6948.01	.730	.321	.409	4.571	.084	

TOTAL 2490.75 2.790 6948.01 .730 .321 .409 4.571 .084

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 31

BENCH CREST ELEVATION : 1074.50 [m]
 BENCH TOE ELEVATION : 1070.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM	TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	2	.41	3.685	1.49	7.414	6.404	1.010	57.510	1.769
6.000	100.000	5	93.15	4.226	393.63	9.938	4.370	5.568	63.571	.786
6.000	100.000	6	6.07	4.042	24.56	15.372	10.350	5.022	116.507	.528
4.000	6.000	1	12.15	3.046	37.01	4.511	1.604	2.907	14.723	.342
4.000	6.000	2	6.28	3.478	21.83	4.534	2.735	1.800	29.837	1.043
4.000	6.000	5	3.44	3.926	13.52	5.131	2.395	2.736	35.400	.737
.000	4.000	1	55.69	2.861	159.34	2.682	1.011	1.671	12.542	.280
.000	4.000	2	48.19	3.472	167.34	1.666	.766	.900	14.880	.864
.000	4.000	3	19.24	3.936	75.71	2.368	1.267	1.101	24.531	1.121
.000	4.000	4	2.43	4.263	10.36	2.133	1.186	.947	2.000	.000
.000	4.000	5	.20	4.334	.88	3.855	1.777	2.078	26.000	2.232
.000	9999.000	****	2243.50	2.700	6058.29	.000	.000	.000	.000	.000
TOTAL			2490.75	2.796	6963.97	.797	.364	.433	5.174	.093

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 31

BENCH CREST ELEVATION : 1074.50 [m]
 BENCH TOE ELEVATION : 1070.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	2	.41		3.685	1.49	7.414	6.404	1.010	57.510	1.769
6.000	100.000	3	.41		3.685	1.49	7.414	6.404	1.010	57.510	1.769
6.000	100.000	4	.41		3.685	1.49	7.414	6.404	1.010	57.510	1.769
6.000	100.000	5	93.56		4.223	395.12	9.929	4.377	5.551	63.548	.790
6.000	100.000	6	99.63		4.212	419.68	10.247	4.727	5.520	66.647	.775
4.000	6.000	1	111.78		4.086	456.69	9.782	4.474	5.308	62.440	.740
4.000	6.000	2	118.06		4.053	478.52	9.543	4.394	5.148	60.952	.753
4.000	6.000	3	118.06		4.053	478.52	9.543	4.394	5.148	60.952	.753
4.000	6.000	4	118.06		4.053	478.52	9.543	4.394	5.148	60.952	.753
4.000	6.000	5	121.50		4.050	492.04	9.422	4.340	5.082	60.250	.753
4.000	6.000	6	121.50		4.050	492.04	9.422	4.340	5.082	60.250	.753
.000	4.000	1	177.19		3.676	651.38	7.773	3.525	4.248	48.580	.637
.000	4.000	2	225.38		3.633	818.72	6.525	2.961	3.564	41.692	.684
.000	4.000	3	244.62		3.656	894.43	6.173	2.818	3.355	40.239	.721
.000	4.000	4	247.05		3.662	904.79	6.127	2.799	3.328	39.802	.712
.000	4.000	5	247.25		3.663	905.67	6.125	2.798	3.326	39.788	.714
.000	4.000	6	247.25		3.663	905.67	6.125	2.798	3.326	39.788	.714
.000	9999.000	****	2490.75		2.796	6963.97	.797	.364	.433	5.174	.093
TOTAL			2490.75		2.796	6963.97	.797	.364	.433	5.174	.093

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 32

BENCH CREST ELEVATION : 1070.00 [m]
 BENCH TOE ELEVATION : 1065.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	.81		4.252	3.44	6.408	3.207	3.201	46.500	.645
6.000	100.000	5	55.49		4.218	234.02	9.760	4.323	5.437	63.894	.714
6.000	100.000	6	3.44		3.967	13.65	10.506	6.078	4.428	71.035	.632
4.000	6.000	1	12.15		2.979	36.19	4.651	1.729	2.922	26.490	.478
4.000	6.000	2	8.30		3.490	28.98	4.471	2.698	1.774	29.290	1.033
4.000	6.000	3	8.91		3.886	34.63	4.716	2.488	2.228	38.864	1.130
4.000	6.000	5	7.49		3.927	29.43	5.066	2.420	2.646	35.445	.767
4.000	6.000	6	4.66		4.017	18.71	5.336	2.411	2.924	33.796	.386
.000	4.000	1	86.67		3.026	262.26	2.144	.816	1.327	10.204	.329
.000	4.000	2	52.65		3.488	183.64	1.883	.870	1.013	15.422	.863
.000	4.000	3	20.86		3.872	80.77	2.858	1.564	1.295	27.821	1.210
.000	4.000	4	2.43		4.035	9.81	2.161	1.003	1.159	2.000	.000
.000	4.000	6	.61		3.749	2.28	3.693	1.625	2.068	25.003	.336
.000	9999.000	****	2226.28		2.700	6011.80	.000	.000	.000	.000	.000
TOTAL			2490.75		2.790	6949.60	.623	.282	.340	4.136	.092

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 32

BENCH CREST ELEVATION : 1070.00 [m]
 BENCH TOE ELEVATION : 1065.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	.81		4.252	3.44	6.408	3.207	3.201	46.500	.645
6.000	100.000	4	.81		4.252	3.44	6.408	3.207	3.201	46.500	.645
6.000	100.000	5	56.29		4.218	237.46	9.711	4.307	5.404	63.642	.713
6.000	100.000	6	59.74		4.204	251.11	9.754	4.403	5.351	64.044	.709
4.000	6.000	1	71.89		3.997	287.31	9.112	4.066	5.045	59.313	.680
4.000	6.000	2	80.19		3.944	316.28	8.686	3.941	4.745	56.562	.712
4.000	6.000	3	89.10		3.938	350.91	8.295	3.798	4.497	54.816	.753
4.000	6.000	4	89.10		3.938	350.91	8.295	3.798	4.497	54.816	.753
4.000	6.000	5	96.59		3.938	380.34	8.045	3.691	4.354	53.317	.755
4.000	6.000	6	101.25		3.941	399.05	7.918	3.631	4.287	52.402	.737
.000	4.000	1	187.92		3.519	661.31	5.628	2.515	3.113	35.667	.575
.000	4.000	2	240.57		3.512	844.95	4.814	2.157	2.657	31.267	.638
.000	4.000	3	261.43		3.541	925.72	4.643	2.105	2.538	30.966	.688
.000	4.000	4	263.86		3.546	935.52	4.617	2.094	2.523	30.663	.681
.000	4.000	5	263.86		3.546	935.52	4.617	2.094	2.523	30.663	.681
.000	4.000	6	264.46		3.546	937.80	4.615	2.093	2.522	30.649	.680
.000	9999.000	****	2490.75		2.790	6949.60	.623	.282	.340	4.136	.092
TOTAL			2490.75		2.790	6949.60	.623	.282	.340	4.136	.092

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 33

BENCH CREST ELEVATION : 1065.50 [m]
 BENCH TOE ELEVATION : 1061.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	2.03	3.697	7.49	6.695	2.931	3.764	50.006	.564	
6.000	100.000	5	42.32	4.216	178.42	9.332	4.150	5.182	60.951	.827	
6.000	100.000	6	4.05	3.970	16.08	11.249	6.374	4.875	73.653	.792	
4.000	6.000	1	9.92	3.070	30.46	4.847	1.715	3.132	27.504	.555	
4.000	6.000	2	8.91	3.467	30.89	4.395	2.406	1.989	28.544	.933	
4.000	6.000	3	4.25	3.921	16.67	4.916	2.365	2.551	39.158	.788	
4.000	6.000	4	2.03	3.277	6.64	4.577	1.989	2.588	31.672	.479	
4.000	6.000	5	2.23	4.013	8.94	5.231	2.435	2.796	35.297	1.073	
.000	4.000	1	59.53	2.995	178.31	2.107	.829	1.278	11.037	.395	
.000	4.000	2	57.10	3.496	199.63	1.840	.834	1.006	15.165	.815	
.000	4.000	3	19.64	3.853	75.68	2.661	1.409	1.252	26.129	.936	
.000	4.000	4	1.62	3.740	6.06	2.556	1.161	1.396	5.365	.057	
.000	4.000	5	.20	4.025	.82	3.804	1.289	2.515	26.000	.832	
.000	9999.000	****	2276.91	2.700	6148.55	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.772	6904.63	.478	.216	.262	3.238	.078	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 33

BENCH CREST ELEVATION : 1065.50 [m]
 BENCH TOE ELEVATION : 1061.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	2.03	3.697	7.49	6.695	2.931	3.764	50.006	.564
6.000	100.000	4	2.03	3.697	7.49	6.695	2.931	3.764	50.006	.564
6.000	100.000	5	44.35	4.192	185.90	9.225	4.101	5.125	60.511	.817
6.000	100.000	6	48.40	4.173	201.98	9.387	4.282	5.105	61.557	.815
4.000	6.000	1	58.32	3.986	232.44	8.792	3.945	4.846	57.094	.781
4.000	6.000	2	67.23	3.917	263.33	8.276	3.765	4.511	53.745	.799
4.000	6.000	3	71.48	3.917	280.01	8.076	3.681	4.394	52.876	.798
4.000	6.000	4	73.51	3.900	286.64	7.995	3.642	4.353	52.385	.791
4.000	6.000	5	75.74	3.903	295.58	7.911	3.606	4.306	51.869	.799
4.000	6.000	6	75.74	3.903	295.58	7.911	3.606	4.306	51.869	.799
.000	4.000	1	135.27	3.503	473.89	5.727	2.561	3.166	36.505	.647
.000	4.000	2	192.38	3.501	673.52	4.575	2.049	2.526	30.180	.697
.000	4.000	3	212.02	3.534	749.21	4.382	1.984	2.397	29.771	.721
.000	4.000	4	213.64	3.535	755.26	4.367	1.978	2.389	29.575	.716
.000	4.000	5	213.84	3.536	756.08	4.366	1.977	2.389	29.571	.716
.000	4.000	6	213.84	3.536	756.08	4.366	1.977	2.389	29.571	.716
.000	9999.000	****	2490.75	2.772	6904.63	.478	.216	.262	3.238	.078
TOTAL			2490.75	2.772	6904.63	.478	.216	.262	3.238	.078

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 34

BENCH CREST ELEVATION : 1061.00 [m]
 BENCH TOE ELEVATION : 1056.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	2.63	3.775	9.94	6.922	2.822	4.101	47.966	.944	
6.000	100.000	5	32.20	4.183	134.69	9.511	4.227	5.284	61.955	.832	
6.000	100.000	6	1.42	3.931	5.57	9.620	4.857	4.764	57.457	.945	
4.000	6.000	1	2.84	2.963	8.40	4.320	1.549	2.771	26.619	.409	
4.000	6.000	2	6.07	3.435	20.87	4.279	2.295	1.983	26.610	.935	
4.000	6.000	3	8.51	3.876	32.97	4.803	2.163	2.640	37.917	1.089	
4.000	6.000	4	1.42	3.370	4.78	4.882	2.001	2.881	26.841	.324	
4.000	6.000	5	2.63	3.798	10.00	4.889	2.304	2.584	34.524	.745	
.000	4.000	1	58.93	3.032	178.68	2.060	.781	1.279	11.179	.395	
.000	4.000	2	46.78	3.423	160.11	1.864	.824	1.040	14.593	.749	
.000	4.000	3	29.36	3.881	113.96	2.819	1.541	1.278	27.174	.922	
.000	4.000	4	1.01	4.221	4.27	3.119	1.429	1.691	2.399	.000	
.000	9999.000	****	2296.96	2.700	6202.70	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.765	6886.95	.401	.180	.220	2.771	.071	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 34

BENCH CREST ELEVATION : 1061.00 [m]
 BENCH TOE ELEVATION : 1056.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	3	2.63		3.775	9.94	6.922	2.822	4.101	47.966	.944
6.000	100.000	4	2.63		3.775	9.94	6.922	2.822	4.101	47.966	.944
6.000	100.000	5	34.83		4.153	144.63	9.333	4.130	5.203	60.994	.840
6.000	100.000	6	36.25		4.144	150.21	9.344	4.157	5.186	60.862	.844
4.000	6.000	1	39.08		4.058	158.61	9.078	4.019	5.058	59.049	.821
4.000	6.000	2	45.16		3.974	179.47	8.520	3.819	4.701	55.277	.834
4.000	6.000	3	53.66		3.959	212.44	7.943	3.562	4.381	52.583	.874
4.000	6.000	4	55.08		3.944	217.22	7.876	3.528	4.348	52.017	.862
4.000	6.000	5	57.71		3.937	227.22	7.744	3.474	4.270	51.247	.856
4.000	6.000	6	57.71		3.937	227.22	7.744	3.474	4.270	51.247	.856
.000	4.000	1	116.64		3.480	405.90	5.242	2.288	2.953	33.609	.653
.000	4.000	2	163.42		3.464	566.01	4.286	1.874	2.412	28.229	.680
.000	4.000	3	192.78		3.527	679.97	4.040	1.818	2.222	28.053	.721
.000	4.000	4	193.79		3.531	684.24	4.035	1.816	2.219	27.892	.716
.000	4.000	5	193.79		3.531	684.24	4.035	1.816	2.219	27.892	.716
.000	4.000	6	193.79		3.531	684.24	4.035	1.816	2.219	27.892	.716
.000	9999.000	****	2490.75		2.765	6886.95	.401	.180	.220	2.771	.071
TOTAL			2490.75		2.765	6886.95	.401	.180	.220	2.771	.071

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 35

BENCH CREST ELEVATION : 1056.50 [m]
 BENCH TOE ELEVATION : 1052.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE		AVERAGE GRADES			
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]		[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	20.05	4.180	83.81	10.134	4.422	5.712	66.455	1.081	
6.000	100.000	6	1.42	3.766	5.34	7.701	3.754	3.947	48.424	.789	
4.000	6.000	1	.61	3.167	1.92	4.246	1.566	2.680	24.664	.510	
4.000	6.000	2	3.04	3.453	10.49	4.281	2.307	1.974	26.409	.947	
4.000	6.000	3	1.01	3.975	4.02	4.680	2.013	2.667	35.404	1.467	
4.000	6.000	4	1.22	3.283	3.99	5.558	2.195	3.363	35.003	.402	
4.000	6.000	5	1.22	3.778	4.59	4.876	2.257	2.619	34.508	.664	
.000	4.000	1	60.75	3.015	183.18	1.856	.704	1.152	11.853	.431	
.000	4.000	2	61.97	3.396	210.45	1.803	.764	1.039	12.799	.710	
.000	4.000	3	22.48	3.929	88.31	2.784	1.569	1.214	25.545	.758	
.000	9999.000	****	2317.00	2.700	6256.86	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.751	6852.95	.288	.127	.160	2.001	.060	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 35

BENCH CREST ELEVATION : 1056.50 [m]
 BENCH TOE ELEVATION : 1052.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	20.05	4.180	83.81	10.134	4.422	5.712	66.455	1.081	
6.000	100.000	6	21.47	4.153	89.14	9.988	4.382	5.606	65.375	1.063	
4.000	6.000	1	22.07	4.126	91.07	9.867	4.322	5.545	64.515	1.052	
4.000	6.000	2	25.11	4.044	101.56	9.290	4.114	5.176	60.580	1.041	
4.000	6.000	3	26.12	4.042	105.58	9.114	4.034	5.080	59.620	1.057	
4.000	6.000	4	27.34	4.008	109.57	8.985	3.967	5.018	58.724	1.033	
4.000	6.000	5	28.55	3.998	114.16	8.819	3.898	4.921	57.750	1.018	
4.000	6.000	6	28.55	3.998	114.16	8.819	3.898	4.921	57.750	1.018	
.000	4.000	1	89.30	3.330	297.34	4.530	1.931	2.599	29.475	.656	
.000	4.000	2	151.27	3.357	507.79	3.400	1.447	1.953	22.564	.678	
.000	4.000	3	173.74	3.431	596.09	3.308	1.465	1.843	23.005	.690	
.000	4.000	4	173.74	3.431	596.09	3.308	1.465	1.843	23.005	.690	
.000	4.000	5	173.74	3.431	596.09	3.308	1.465	1.843	23.005	.690	
.000	4.000	6	173.74	3.431	596.09	3.308	1.465	1.843	23.005	.690	
.000	9999.000	****	2490.75	2.751	6852.95	.288	.127	.160	2.001	.060	
TOTAL			2490.75	2.751	6852.95	.288	.127	.160	2.001	.060	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

VANGORDA DEPOSIT SECTIONAL MODEL CV1 - MODEL DATA

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 40

BENCH CREST ELEVATION : 1034.00 [m]
BENCH TOE ELEVATION : 1029.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
4.000	6.000	4	.61		3.531	2.15	4.685	1.921	2.764	35.984	.423
.000	4.000	1	23.08		3.087	71.26	1.453	.543	.910	12.161	.284
.000	4.000	2	16.00		3.374	53.97	1.624	.763	.861	15.275	.582
.000	4.000	4	1.82		3.555	6.48	2.923	1.323	1.601	28.560	.404
.000	9999.000	****	2442.35		2.700	6595.45	.000	.000	.000	.000	.000
TOTAL			2490.75		2.713	6758.13	.064	.029	.036	.512	.014

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 40

BENCH CREST ELEVATION : 1034.00 [m]
 BENCH TOE ELEVATION : 1029.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TDNS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
6.000	100.000	6	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
4.000	6.000	1	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
4.000	6.000	2	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
4.000	6.000	3	6.89		4.187	28.82	7.464	3.472	3.992	52.358	1.282
4.000	6.000	4	7.49		4.133	30.97	7.272	3.365	3.907	51.223	1.222
4.000	6.000	5	7.49		4.133	30.97	7.272	3.365	3.907	51.223	1.222
4.000	6.000	6	7.49		4.133	30.97	7.272	3.365	3.907	51.223	1.222
.000	4.000	1	30.58		3.343	102.23	3.216	1.398	1.818	23.994	.568
.000	4.000	2	46.58		3.354	156.20	2.666	1.179	1.487	20.982	.573
.000	4.000	3	46.58		3.354	156.20	2.666	1.179	1.487	20.982	.573
.000	4.000	4	48.40		3.361	162.68	2.676	1.184	1.492	21.284	.566
.000	4.000	5	48.40		3.361	162.68	2.676	1.184	1.492	21.284	.566
.000	4.000	6	48.40		3.361	162.68	2.676	1.184	1.492	21.284	.566
.000	9999.000	****	2490.75		2.713	6758.13	.064	.029	.036	.512	.014
TOTAL:			2490.75		2.713	6758.13	.064	.029	.036	.512	.014

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 41

BENCH CREST ELEVATION : 1029.50 [m]
 BENCH TOE ELEVATION : 1025.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	5.67	4.200	23.81	7.323	3.367	3.956	51.849	1.273
.000	4.000	1	24.30	3.169	77.00	1.421	.554	.866	12.069	.284
.000	4.000	2	15.19	3.334	50.64	1.348	.625	.723	13.639	.410
.000	9999.000	****	2445.59	2.700	6604.20	.000	.000	.000	.000	.000
TOTAL			2490.75	2.712	6755.65	.052	.023	.029	.423	.011

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 41

BENCH CREST ELEVATION : 1029.50 [m]
 BENCH TOE ELEVATION : 1025.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		A V E R A G E G R A D E S			
			[bcm	x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	5	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
6.000	100.000	6	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	1	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	2	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	3	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	4	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	5	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
4.000	6.000	6	5.67		4.200	23.81	7.323	3.367	3.956	51.849	1.273
.000	4.000	1	29.97		3.364	100.81	2.815	1.219	1.596	21.465	.518
.000	4.000	2	45.16		3.354	151.45	2.324	1.020	1.304	18.848	.482
.000	4.000	3	45.16		3.354	151.45	2.324	1.020	1.304	18.848	.482
.000	4.000	4	45.16		3.354	151.45	2.324	1.020	1.304	18.848	.482
.000	4.000	5	45.16		3.354	151.45	2.324	1.020	1.304	18.848	.482
.000	4.000	6	45.16		3.354	151.45	2.324	1.020	1.304	18.848	.482
.000	9999.000	****	2490.75		2.712	6755.65	.052	.023	.029	.423	.011
TOTAL			2490.75		2.712	6755.65	.052	.023	.029	.423	.011

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 42

BENCH CREST ELEVATION : 1025.00 [m]
 BENCH TOE ELEVATION : 1020.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	4.000	1	24.30	3.142	76.34	1.509	.583	.927	12.570	.273
.000	4.000	2	6.07	3.349	20.35	1.574	.702	.871	14.355	.342
.000	4.000	4	1.22	3.477	4.22	1.584	.722	.863	16.679	.323
.000	9999.000	****	2459.16	2.700	6640.85	.000	.000	.000	.000	.000
TOTAL			2490.75	2.707	6741.76	.023	.009	.014	.196	.004

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 42

BENCH CREST ELEVATION : 1025.00 [m]
 BENCH TOE ELEVATION : 1020.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
.000	4.000	1	24.30	3.142	76.34	1.509	.583	.927	12.570	.273
.000	4.000	2	30.38	3.183	96.69	1.523	.608	.915	12.945	.288
.000	4.000	3	30.38	3.183	96.69	1.523	.608	.915	12.945	.288
.000	4.000	4	31.59	3.194	100.91	1.525	.613	.913	13.102	.289
.000	4.000	5	31.59	3.194	100.91	1.525	.613	.913	13.102	.289
.000	4.000	6	31.59	3.194	100.91	1.525	.613	.913	13.102	.289
.000	9999.000	****	2490.75	2.707	6741.76	.023	.009	.014	.196	.004
TOTAL			2490.75	2.707	6741.76	.023	.009	.014	.196	.004

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 43

BENCH CREST ELEVATION : 1020.50 [m]
 BENCH TOE ELEVATION : 1016.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
FROM	TO	CODE	[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
[Pb+Zn]	[Pb+Zn]									
4.000	6.000	4	2.03	3.866	7.83	4.602	1.655	2.947	30.829	.526
.000	4.000	1	19.44	3.131	60.87	1.405	.546	.858	12.526	.243
.000	4.000	2	10.94	3.380	36.96	1.670	.735	.935	14.186	.312
.000	4.000	4	4.05	3.544	14.35	1.793	.809	.984	18.570	.362
.000	9999.000	****	2454.30	2.700	6627.72	.000	.000	.000	.000	.000
TOTAL			2490.75	2.709	6747.74	.031	.013	.018	.266	.005

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 43

BENCH CREST ELEVATION : 1020.50 [m]
 BENCH TOE ELEVATION : 1016.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]					[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
4.000	6.000	4	2.03	3.866	7.83	4.602	1.655	2.947	30.829	.526
4.000	6.000	5	2.03	3.866	7.83	4.602	1.655	2.947	30.829	.526
4.000	6.000	6	2.03	3.866	7.83	4.602	1.655	2.947	30.829	.526
.000	4.000	1	21.47	3.201	68.70	1.769	.673	1.096	14.612	.276
.000	4.000	2	32.40	3.261	105.66	1.734	.694	1.040	14.463	.288
.000	4.000	3	32.40	3.261	105.66	1.734	.694	1.040	14.463	.288
.000	4.000	4	36.45	3.293	120.02	1.741	.708	1.033	14.954	.297
.000	4.000	5	36.45	3.293	120.02	1.741	.708	1.033	14.954	.297
.000	4.000	6	36.45	3.293	120.02	1.741	.708	1.033	14.954	.297
.000	9999.000	****	2490.75	2.709	6747.74	.031	.013	.018	.266	.005
TOTAL			2490.75	2.709	6747.74	.031	.013	.018	.266	.005

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 44

BENCH CREST ELEVATION : 1016.00 [m]
 BENCH TOE ELEVATION : 1011.50 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES FROM	TO	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	4	.20	3.862	.78	6.529	2.173	4.356	35.000	.587
4.000	6.000	4	2.23	3.971	8.85	4.477	1.538	2.939	28.725	.596
.000	4.000	1	9.72	3.003	29.19	1.410	.549	.862	11.220	.317
.000	4.000	2	15.80	3.240	51.17	1.675	.674	1.001	12.570	.236
.000	4.000	4	1.22	3.984	4.84	1.715	1.017	.698	19.224	.469
.000	9999.000	****	2461.59	2.700	6647.41	.000	.000	.000	.000	.000
TOTAL			2490.75	2.707	6742.24	.027	.010	.016	.200	.004

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 44

BENCH CREST ELEVATION : 1016.00 [m]
 BENCH TOE ELEVATION : 1011.50 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		AVERAGE GRADES			
			[bcm	x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	4	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
6.000	100.000	5	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
6.000	100.000	6	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
4.000	6.000	1	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
4.000	6.000	2	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
4.000	6.000	3	.20		3.862	.78	6.529	2.173	4.356	35.000	.587
4.000	6.000	4	2.43		3.962	9.63	4.644	1.590	3.054	29.235	.595
4.000	6.000	5	2.43		3.962	9.63	4.644	1.590	3.054	29.235	.595
4.000	6.000	6	2.43		3.962	9.63	4.644	1.590	3.054	29.235	.595
.000	4.000	1	12.15		3.195	38.81	2.212	.807	1.406	15.688	.386
.000	4.000	2	27.94		3.220	89.98	1.907	.731	1.176	13.915	.301
.000	4.000	3	27.94		3.220	89.98	1.907	.731	1.176	13.915	.301
.000	4.000	4	29.16		3.252	94.82	1.897	.746	1.151	14.186	.309
.000	4.000	5	29.16		3.252	94.82	1.897	.746	1.151	14.186	.309
.000	4.000	6	29.16		3.252	94.82	1.897	.746	1.151	14.186	.309
.000	9999.000	****	2490.75		2.707	6742.24	.027	.010	.016	.200	.004
TOTAL			2490.75		2.707	6742.24	.027	.010	.016	.200	.004

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR BENCH : 45

BENCH CREST ELEVATION : 1011.50 [m]
 BENCH TOE ELEVATION : 1007.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
4.000	6.000	2	.61	3.551	2.16	4.229	1.686	2.543	32.338	.620	
4.000	6.000	4	1.22	3.987	4.84	4.159	1.441	2.718	27.666	.595	
.000	4.000	1	8.51	3.055	25.98	1.716	.676	1.039	12.158	.347	
.000	4.000	2	3.04	3.436	10.44	2.611	1.105	1.506	22.721	.601	
.000	4.000	4	3.64	3.965	14.45	2.081	.985	1.096	21.536	.605	
.000	9999.000	****	2473.74	2.700	6680.23	.000	.000	.000	.000	.000	
TOTAL			2490.75	2.705	6738.11	.019	.008	.011	.159	.004	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR BENCH : 45

BENCH CREST ELEVATION : 1011.50 [m]
 BENCH TOE ELEVATION : 1007.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
4.000	6.000	2	.61	3.551	2.16	4.229	1.686	2.543	32.338	.620	
4.000	6.000	3	.61	3.551	2.16	4.229	1.686	2.543	32.338	.620	
4.000	6.000	4	1.82	3.842	7.00	4.181	1.517	2.664	29.106	.603	
4.000	6.000	5	1.82	3.842	7.00	4.181	1.517	2.664	29.106	.603	
4.000	6.000	6	1.82	3.842	7.00	4.181	1.517	2.664	29.106	.603	
.000	4.000	1	10.33	3.194	32.98	2.239	.855	1.384	15.756	.402	
.000	4.000	2	13.36	3.249	43.42	2.328	.915	1.414	17.430	.449	
.000	4.000	3	13.36	3.249	43.42	2.328	.915	1.414	17.430	.449	
.000	4.000	4	17.01	3.402	57.87	2.267	.932	1.334	18.456	.488	
.000	4.000	5	17.01	3.402	57.87	2.267	.932	1.334	18.456	.488	
.000	4.000	6	17.01	3.402	57.87	2.267	.932	1.334	18.456	.488	
.000	9999.000	****	2490.75	2.705	6738.11	.019	.008	.011	.159	.004	
TOTAL			2490.75	2.705	6738.11	.019	.008	.011	.159	.004	

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda B607 Reserves

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1209.50 [m]
 BOTTOM ELEVATION : 1007.00 [m]

INCREMENTAL RESULTS

CUT-OFF GRADES		ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
FROM [Pb+Zn]	TO [Pb+Zn]		[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	135.88		2.962	402.45	7.833	3.172	4.661	39.741	.679
6.000	100.000	2	.41		3.685	1.49	7.414	6.404	1.010	57.510	1.769
6.000	100.000	3	5.87		3.838	22.54	6.753	2.967	3.786	46.651	.796
6.000	100.000	4	1.22		3.606	4.38	6.687	2.569	4.117	46.500	.634
6.000	100.000	5	1240.92		4.172	5176.72	10.336	4.510	5.826	64.032	.751
6.000	100.000	6	24.70		3.844	94.98	11.874	6.822	5.051	83.145	.541
4.000	6.000	1	421.40		2.984	1257.26	4.882	1.859	3.023	26.476	.458
4.000	6.000	2	59.33		3.444	204.34	4.417	2.340	2.077	25.820	.794
4.000	6.000	3	77.96		3.875	302.09	4.680	2.277	2.403	33.179	.847
4.000	6.000	4	55.28		3.953	218.51	4.768	1.897	2.871	37.939	.143
4.000	6.000	5	36.65		3.943	144.51	5.229	2.467	2.762	36.961	.760
4.000	6.000	6	5.06		3.978	20.14	5.378	2.433	2.946	34.306	.408
.000	4.000	1	1276.16		3.069	3916.93	2.340	.904	1.436	12.483	.327
.000	4.000	2	1341.56		3.447	4624.43	1.785	.789	.996	14.503	.652
.000	4.000	3	502.00		3.864	1939.48	2.674	1.331	1.343	21.566	.942
.000	4.000	4	82.01		3.840	314.92	2.899	1.504	1.395	17.481	.277
.000	4.000	5	1.82		3.398	6.19	1.528	.666	.862	11.664	.650
.000	4.000	6	3.04		3.150	9.57	.879	.387	.492	5.951	.080
.000	9999.000	****	106812.50		2.495	266535.20	.000	.000	.000	.001	.000

TOTAL 112083.80 2.544 285196.10 .322 .140 .182 2.046 .041

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Vangorda 8607 Reserves

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1209.50 [m]
 BOTTOM ELEVATION : 1007.00 [m]

CUMULATIVE RESULTS

CUT-OFF GRADES FROM [Pb+Zn]	TO [Pb+Zn]	ROCK-TYPE CODE	VOLUME		DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
			[bcm	x1000]			[Pb+Zn]	[Pb %]	[Zn %]	[Ag g/t]	[Au g/t]
6.000	100.000	1	135.88		2.962	402.45	7.833	3.172	4.661	39.741	.679
6.000	100.000	2	136.28		2.964	403.94	7.832	3.184	4.647	39.807	.683
6.000	100.000	3	142.15		3.000	426.48	7.775	3.173	4.602	40.169	.689
6.000	100.000	4	143.37		3.005	430.86	7.763	3.167	4.597	40.233	.689
6.000	100.000	5	1384.29		4.051	5607.58	10.138	4.406	5.732	62.203	.747
6.000	100.000	6	1408.99		4.047	5702.55	10.167	4.447	5.721	62.552	.743
4.000	6.000	1	1830.40		3.802	6959.81	9.212	3.979	5.233	56.035	.692
4.000	6.000	2	1889.73		3.791	7164.16	9.076	3.932	5.143	55.173	.695
4.000	6.000	3	1967.69		3.794	7466.25	8.898	3.865	5.032	54.283	.701
4.000	6.000	4	2022.97		3.799	7684.76	8.780	3.809	4.971	53.819	.685
4.000	6.000	5	2059.63		3.801	7829.27	8.715	3.785	4.930	53.507	.686
4.000	6.000	6	2064.69		3.802	7849.40	8.706	3.781	4.925	53.458	.686
.000	4.000	1	3340.84		3.522	11766.33	6.587	2.823	3.764	39.818	.566
.000	4.000	2	4682.41		3.500	16390.76	5.232	2.249	2.983	32.676	.591
.000	4.000	3	5184.40		3.536	18330.25	4.962	2.152	2.809	31.500	.628
.000	4.000	4	5266.42		3.540	18645.16	4.927	2.141	2.785	31.263	.622
.000	4.000	5	5268.24		3.540	18651.36	4.926	2.141	2.785	31.257	.622
.000	4.000	6	5271.28		3.540	18660.93	4.924	2.140	2.784	31.244	.622
.000	9999.000	****	112083.80		2.544	285196.10	.322	.140	.182	2.046	.041
TOTAL			112083.80		2.544	285196.10	.322	.140	.182	2.046	.041

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 1 VANGORDA SURFACE TOPOGRAPHY
 BOTTOM SURFACE GRID RECORD : 32 Vangorda

BENCH TOTALS FOR ORE ABOVE 6.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]
	[m	]	[m	]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
1	1209.50		1205.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00		1200.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50		1196.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00		1191.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50		1187.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00		1182.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50		1178.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00		1173.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50		1169.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
10	1169.00		1164.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
11	1164.50		1160.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
12	1160.00		1155.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
13	1155.50		1151.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
14	1151.00		1146.50		4.25	4.034	17.15	9.040	3.474	5.566	51.661	.468	796.07
15	1146.50		1142.00		26.33	3.967	104.44	8.666	3.577	5.088	51.981	.553	4581.18
16	1142.00		1137.50		59.79	4.048	242.03	8.666	3.740	4.926	53.153	.555	10537.33
17	1137.50		1133.00		81.20	3.989	323.93	8.665	3.785	4.880	51.939	.663	14413.17
18	1133.00		1128.50		65.65	4.082	268.01	9.487	4.132	5.355	56.892	.775	14180.43
19	1128.50		1124.00		33.08	4.175	138.12	10.322	4.313	6.009	60.720	.762	8318.01
20	1124.00		1119.50		57.38	3.956	227.00	10.634	4.472	6.162	61.284	.601	13712.19
21	1119.50		1115.00		1.96	3.997	7.84	11.175	4.678	6.497	68.924	.799	536.99
22	1115.00		1110.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
23	1110.50		1106.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
24	1106.00		1101.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
25	1101.50		1097.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
26	1097.00		1092.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
27	1092.50		1088.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
28	1088.00		1083.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
29	1083.50		1079.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
30	1079.00		1074.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
31	1074.50		1070.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
32	1070.00		1065.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
33	1065.50		1061.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
34	1061.00		1056.50		.00	.000	.00	.000	.000	.000	.000	.000	.00

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 1 VANGORDA SURFACE TOPOGRAPHY
 BOTTOM SURFACE GRID RECORD : 32 Vangorda

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]
	[m	]	[m	]				[ %Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
1	1209.50	1205.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
3	1200.50	1196.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
4	1196.00	1191.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
8	1178.00	1173.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
9	1173.50	1169.00	2.33	2.100	4.89	.000	.000	.000	.000	.000	.000	.000	-.92
10	1169.00	1164.50	26.70	2.100	56.08	.000	.000	.000	.000	.000	.000	.000	-9.23
11	1164.50	1160.00	76.86	2.102	161.54	.000	.000	.000	.000	.000	.000	.000	-26.72
12	1160.00	1155.50	165.42	2.100	347.37	.000	.000	.000	.000	.000	.000	.000	-57.18
13	1155.50	1151.00	299.98	2.100	629.97	.000	.000	.000	.000	.000	.000	.000	-103.70
14	1151.00	1146.50	448.23	2.186	980.05	.379	.161	.218	2.662	.040	.000	.000	628.72
15	1146.50	1142.00	553.95	2.302	1275.35	1.027	.430	.596	6.557	.097	.000	.000	4362.76
16	1142.00	1137.50	568.43	2.513	1428.66	1.866	.801	1.065	11.777	.164	.000	.000	10284.54
17	1137.50	1133.00	534.87	2.655	1420.09	2.493	1.084	1.409	15.814	.218	.000	.000	14166.45
18	1133.00	1128.50	418.47	2.754	1152.32	2.920	1.266	1.654	18.442	.285	.000	.000	13980.57
19	1128.50	1124.00	311.95	2.719	848.05	2.453	1.038	1.415	15.298	.289	.000	.000	8148.77
20	1124.00	1119.50	254.10	2.949	749.28	3.956	1.674	2.282	23.866	.318	.000	.000	13577.11
21	1119.50	1115.00	27.92	2.621	73.20	1.744	.704	1.041	10.319	.155	.000	.000	519.01
22	1115.00	1110.50	5.36	2.719	14.58	.719	.295	.424	3.260	.101	.000	.000	-4.59
23	1110.50	1106.00	.01	2.700	.02	.000	.000	.000	.000	.000	.000	.000	-.01
24	1106.00	1101.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
25	1101.50	1097.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
26	1097.00	1092.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
27	1092.50	1088.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
28	1088.00	1083.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
29	1083.50	1079.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
30	1079.00	1074.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
31	1074.50	1070.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
32	1070.00	1065.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
33	1065.50	1061.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
34	1061.00	1056.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 32 Vangorda
 BOTTOM SURFACE GRID RECORD : 28 Vangorda Ultimate Pit

BENCH TOTALS FOR WASTE FROM .0000 [%Pb+Zn] TO 4.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [CDN \$ x1000]	
	[m	]	[m	]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]		[Au g/t]
1	1209.50	1205.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50	1.52	2.324	3.53	.000	.000	.000	.000	.000	.000	.000	-.96
3	1200.50	1196.00	.49	2.700	1.31	.000	.000	.000	.000	.000	.000	.000	-.50
4	1196.00	1191.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00	.08	2.100	.17	.000	.000	.000	.000	.000	.000	.000	-.03
8	1178.00	1173.50	3.98	2.402	9.56	.000	.000	.000	.000	.000	.000	.000	-2.76
9	1173.50	1169.00	15.52	2.419	37.55	.000	.000	.000	.000	.000	.000	.000	-11.02
10	1169.00	1164.50	30.87	2.395	73.94	.000	.000	.000	.000	.000	.000	.000	-20.42
11	1164.50	1160.00	46.20	2.399	110.86	.000	.000	.000	.000	.000	.000	.000	-30.77
12	1160.00	1155.50	64.77	2.393	155.01	.000	.000	.000	.000	.000	.000	.000	-42.71
13	1155.50	1151.00	89.48	2.356	210.78	.000	.000	.000	.000	.000	.000	.000	-55.41
14	1151.00	1146.50	133.79	2.314	309.60	.000	.000	.000	.000	.000	.000	.000	-76.90
15	1146.50	1142.00	188.59	2.286	431.02	.000	.000	.000	.000	.000	.000	.000	-102.63
16	1142.00	1137.50	246.18	2.291	564.09	.000	.000	.000	.000	.000	.000	.000	-131.63
17	1137.50	1133.00	305.12	2.291	699.06	.000	.000	.000	.000	.000	.000	.000	-163.07
18	1133.00	1128.50	357.67	2.292	819.73	.025	.011	.014	.179	.005	.005	.005	-189.17
19	1128.50	1124.00	407.07	2.404	978.42	.233	.089	.144	1.346	.044	.044	.044	-245.11
20	1124.00	1119.50	439.39	2.455	1078.64	.175	.074	.101	1.045	.030	.030	.030	-286.55
21	1119.50	1115.00	491.12	2.594	1274.02	.405	.175	.230	3.372	.100	.100	.100	-364.21
22	1115.00	1110.50	434.39	2.675	1162.08	.476	.202	.274	3.819	.116	.116	.116	-369.27
23	1110.50	1106.00	365.22	2.764	1009.49	.525	.226	.300	4.199	.132	.132	.132	-345.03
24	1106.00	1101.50	335.61	2.786	934.94	.608	.266	.342	4.707	.211	.211	.211	-318.79
25	1101.50	1097.00	306.49	2.829	867.06	.634	.288	.345	5.158	.249	.249	.249	-299.11
26	1097.00	1092.50	271.01	2.842	770.11	.577	.280	.297	4.649	.199	.199	.199	-267.67
27	1092.50	1088.00	236.15	2.890	682.48	.551	.329	.322	5.515	.234	.234	.234	-242.13
28	1088.00	1083.50	242.11	2.988	723.36	.766	.394	.371	6.553	.355	.355	.355	-247.59
29	1083.50	1079.00	185.10	2.980	551.67	.884	.455	.429	7.282	.362	.362	.362	-188.82
30	1079.00	1074.50	144.97	2.979	431.86	.948	.483	.465	7.580	.369	.369	.369	-150.34
31	1074.50	1070.00	106.76	3.065	327.18	1.121	.554	.567	9.200	.472	.472	.472	-113.92
32	1070.00	1065.50	42.54	3.000	127.62	.777	.396	.381	6.758	.356	.356	.356	-45.62
33	1065.50	1061.00	35.26	3.329	117.37	1.644	.831	.813	14.304	.647	.647	.647	-37.25
34	1061.00	1056.50	32.68	3.663	119.71	2.612	1.370	1.242	22.728	.815	.815	.815	-35.51

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 32 Vangorda
 BOTTOM SURFACE GRID RECORD : 28 Vangorda Ultimate Pit

BENCH TOTALS FOR STOCKPILE FROM 4.0000 [%Pb+Zn] TO 6.0000 [%Pb+Zn]

BENCH	CREST		TOE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S					ECONOMIC FACTOR [CDN \$ x1000]
	[m]					[m]	[bcm x1000]	[%Pb+Zn]	[%Pb]		[ %Zn]	[Ag g/t]	[Au g/t]
1	1209.50		1205.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00		1200.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50		1196.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00		1191.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50		1187.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00		1182.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50		1178.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00		1173.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50		1169.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
10	1169.00		1164.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
11	1164.50		1160.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
12	1160.00		1155.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
13	1155.50		1151.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
14	1151.00		1146.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
15	1146.50		1142.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
16	1142.00		1137.50	.07	3.969	.29	5.090	2.697	2.393	37.000	.703	-.07
17	1137.50		1133.00	.20	3.989	.79	4.866	2.567	2.299	35.275	.734	-.20
18	1133.00		1128.50	4.14	3.242	13.44	4.676	1.947	2.729	33.532	.811	-3.89
19	1128.50		1124.00	6.62	3.195	21.17	4.655	1.781	2.874	32.297	.551	-6.22
20	1124.00		1119.50	2.53	3.092	7.83	4.838	1.829	3.010	34.056	.768	-2.38
21	1119.50		1115.00	23.37	3.107	72.60	5.135	1.942	3.193	26.871	.456	-21.93
22	1115.00		1110.50	35.70	3.050	108.87	5.030	2.033	2.997	30.538	.545	-35.26
23	1110.50		1106.00	36.11	3.003	108.44	5.058	2.062	2.996	30.183	.585	-35.67
24	1106.00		1101.50	38.92	2.893	112.57	5.202	2.073	3.129	29.686	.555	-38.44
25	1101.50		1097.00	24.70	2.783	68.74	5.161	2.165	2.996	28.012	.540	-25.62
26	1097.00		1092.50	15.26	2.797	42.69	5.087	2.123	2.964	28.363	.569	-15.83
27	1092.50		1088.00	12.60	2.820	35.53	4.943	2.054	2.889	28.193	.548	-13.07
28	1088.00		1083.50	6.66	3.167	21.10	4.776	2.123	2.653	28.721	.574	-6.91
29	1083.50		1079.00	24.97	3.062	76.44	4.894	2.035	2.859	29.423	.515	-27.12
30	1079.00		1074.50	9.31	3.398	31.65	4.602	2.660	1.941	30.265	1.063	-10.12
31	1074.50		1070.00	9.72	3.435	33.39	4.791	2.498	2.293	30.349	.953	-10.56
32	1070.00		1065.50	13.01	3.665	47.68	5.159	2.286	2.873	33.847	.691	-14.13
33	1065.50		1061.00	11.02	3.494	38.53	4.949	2.071	2.877	31.848	.774	-12.52
34	1061.00		1056.50	1.81	3.765	6.83	4.976	2.321	2.656	39.662	.762	-2.06

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 32 Vangorda
 BOTTOM SURFACE GRID RECORD : 28 Vangorda Ultimate Pit

BENCH TOTALS FOR ORE ABOVE 6.0000 [%Pb+Zn]

BENCH	CREST		TOE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [CDN \$ x1000]	
	[m]					[m]	[%Pb+Zn]	[%Pb]		[%Zn]	[Ag g/t]	[Au g/t]
1	1209.50	1205.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50	1196.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00	1191.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00	1173.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50	1169.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
10	1169.00	1164.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
11	1164.50	1160.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
12	1160.00	1155.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
13	1155.50	1151.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
14	1151.00	1146.50		.00	.000	.00	.000	.000	.000	.000	.000	.00
15	1146.50	1142.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
16	1142.00	1137.50		.04	4.379	.18	9.091	3.653	5.438	45.000	.272	7.53
17	1137.50	1133.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
18	1133.00	1128.50		.23	3.926	.90	7.394	3.112	4.281	45.327	.519	29.36
19	1128.50	1124.00		6.20	3.820	23.69	12.527	5.407	7.121	125.726	1.310	2257.72
20	1124.00	1119.50		6.80	3.834	26.05	11.994	4.903	7.091	89.930	1.076	2149.10
21	1119.50	1115.00		57.06	3.922	223.77	10.983	4.569	6.414	61.216	.583	14068.91
22	1115.00	1110.50		61.48	3.810	234.24	10.863	4.552	6.311	59.271	.595	14438.02
23	1110.50	1106.00		77.35	3.699	286.11	10.443	4.382	6.061	57.977	.660	16911.47
24	1106.00	1101.50		65.39	3.857	252.19	10.072	4.336	5.736	61.052	.856	14916.27
25	1101.50	1097.00		72.29	3.895	281.59	10.051	4.417	5.634	62.137	.799	16369.94
26	1097.00	1092.50		75.53	4.189	316.44	11.653	5.304	6.349	76.560	.743	22516.93
27	1092.50	1088.00		77.24	4.092	316.09	11.577	5.241	6.336	74.939	.747	22264.34
28	1088.00	1083.50		48.06	4.214	202.49	12.166	5.555	6.612	80.819	.677	15136.07
29	1083.50	1079.00		56.54	4.155	234.92	10.733	4.637	6.096	67.785	.712	14887.05
30	1079.00	1074.50		84.80	4.206	356.68	10.628	4.586	6.042	67.671	.755	22529.41
31	1074.50	1070.00		98.65	4.215	415.78	10.282	4.741	5.542	66.823	.776	24791.95
32	1070.00	1065.50		50.31	4.213	211.96	9.772	4.409	5.363	64.644	.715	11685.94
33	1065.50	1061.00		36.40	4.201	152.91	9.290	4.250	5.040	61.279	.767	7868.54
34	1061.00	1056.50		26.37	4.183	110.31	8.941	4.006	4.935	57.729	.817	5428.65

MINING RESERVE EVALUATION

DESCRIPTION : Vangorda Mining Reserves

TOP SURFACE GRID RECORD : 32 Vangorda
 BOTTOM SURFACE GRID RECORD : 28 Vangorda Ultimate Pit

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]
	[m	]	[m	]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]
1	1209.50	1205.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00	
2	1205.00	1200.50	1.52	2.324	3.53	.000	.000	.000	.000	.000	.000	-.96	
3	1200.50	1196.00	.49	2.700	1.31	.000	.000	.000	.000	.000	.000	-.50	
4	1196.00	1191.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00	
5	1191.50	1187.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00	
6	1187.00	1182.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00	
7	1182.50	1178.00	.08	2.100	.17	.000	.000	.000	.000	.000	.000	-.03	
8	1178.00	1173.50	3.98	2.402	9.56	.000	.000	.000	.000	.000	.000	-2.76	
9	1173.50	1169.00	15.52	2.419	37.55	.000	.000	.000	.000	.000	.000	-11.02	
10	1169.00	1164.50	30.87	2.395	73.94	.000	.000	.000	.000	.000	.000	-20.42	
11	1164.50	1160.00	46.20	2.399	110.86	.000	.000	.000	.000	.000	.000	-30.77	
12	1160.00	1155.50	64.77	2.393	155.01	.000	.000	.000	.000	.000	.000	-42.71	
13	1155.50	1151.00	89.48	2.356	210.78	.000	.000	.000	.000	.000	.000	-55.41	
14	1151.00	1146.50	133.79	2.314	309.60	.000	.000	.000	.000	.000	.000	-76.90	
15	1146.50	1142.00	188.59	2.286	431.02	.000	.000	.000	.000	.000	.000	-102.63	
16	1142.00	1137.50	246.29	2.292	564.55	.005	.003	.003	.033	.000	.000	-124.18	
17	1137.50	1133.00	305.32	2.292	699.85	.005	.003	.003	.040	.001	.000	-163.26	
18	1133.00	1128.50	362.04	2.304	834.07	.108	.046	.063	.765	.019	.000	-163.70	
19	1128.50	1124.00	419.89	2.437	1023.27	.609	.247	.362	4.865	.084	.000	2006.40	
20	1124.00	1119.50	448.72	2.479	1112.53	.484	.199	.285	3.359	.059	.000	1860.17	
21	1119.50	1115.00	571.54	2.748	1570.39	2.131	.883	1.248	12.701	.185	.000	13682.77	
22	1115.00	1110.50	531.57	2.832	1505.19	2.422	1.012	1.411	14.381	.221	.000	14033.48	
23	1110.50	1106.00	478.68	2.933	1404.04	2.896	1.215	1.682	17.164	.275	.000	16530.79	
24	1106.00	1101.50	439.91	2.954	1299.70	2.842	1.212	1.630	17.804	.366	.000	14559.04	
25	1101.50	1097.00	403.49	3.017	1217.38	3.068	1.349	1.718	19.628	.393	.000	16045.21	
26	1097.00	1092.50	361.81	3.121	1129.24	3.851	1.758	2.094	25.697	.366	.000	22233.41	
27	1092.50	1088.00	325.99	3.172	1034.10	4.072	1.890	2.249	27.515	.402	.000	22009.15	
28	1088.00	1083.50	296.83	3.190	946.96	3.293	1.536	1.757	22.927	.429	.000	14881.57	
29	1083.50	1079.00	266.61	3.237	863.04	3.920	1.733	2.187	25.712	.471	.000	14671.11	
30	1079.00	1074.50	239.09	3.430	820.20	5.299	2.351	2.947	34.588	.564	.000	22368.95	
31	1074.50	1070.00	215.14	3.609	776.35	6.185	2.880	3.305	40.970	.656	.000	24667.47	
32	1070.00	1065.50	105.87	3.658	387.26	6.240	2.825	3.415	41.776	.594	.000	11626.18	
33	1065.50	1061.00	82.68	3.735	308.81	5.843	2.679	3.164	39.753	.722	.000	7818.76	
34	1061.00	1056.50	60.87	3.891	236.85	5.628	2.625	3.003	39.518	.814	.000	5391.08	