

MINING RESERVE EVALUATION

003505

DESCRIPTION : Mined Reserves By Period

TOP SURFACE GRID RECORD : 2 F2 - FARO DECEMBER 31 1988 CUT SURFACE
 BOTTOM SURFACE GRID RECORD : 31 DEC 1989 CORRECTED YEAR END CUT SURFACE

BLOCKS USED :
 COLUMNS 1 TO 128 ROWS 1 TO 128
 BENCH TOTALS FOR WASTE FROM .0000 [%Pb+Zn] TO 4.0000 [%Pb+Zn]

BENCH	CREST		TOE	VOLUME [bcf x1000]	DENSITY [tn/bcf]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [Cdn \$ x1000]	
	[ft]					[ft]	[%Pb+Zn]	[%Pb]
1	4270.00		4230.00	.00	.000	.00	.000	.000	.000	.0	.000	.00
2	4230.00		4190.00	.00	.000	.00	.000	.000	.000	.0	.000	.00
3	4190.00		4150.00	.00	.000	.00	.000	.000	.000	.0	.000	.00
4	4150.00		4110.00	.00	.000	.00	.000	.000	.000	.0	.000	.00
5	4110.00		4070.00	7.07	.000	.00	.000	.000	.000	.0	.000	.00
6	4070.00		4030.00	135.23	.044	5.90	.000	.000	.000	.0	.000	.00
7	4030.00		3990.00	635.51	.063	39.78	.000	.000	.000	.0	.000	.00
8	3990.00		3950.00	839.69	.066	55.82	.000	.000	.000	.0	.000	.00
9	3950.00		3910.00	10648.15	.071	759.89	.000	.000	.000	.0	.000	.00
10	3910.00		3890.00	7223.09	.074	533.87	.000	.000	.000	.0	.000	.00
11	3890.00		3870.00	8239.55	.074	609.79	.000	.000	.000	.0	.000	.00
12	3870.00		3850.00	8239.54	.074	613.37	.038	.015	.023	.3	.003	.00
13	3850.00		3830.00	8214.81	.075	612.63	.010	.005	.006	.1	.001	.00
14	3830.00		3810.00	8348.26	.075	625.53	.002	.001	.001	.0	.000	.00
15	3810.00		3790.00	7272.59	.075	542.80	.024	.007	.017	.2	.002	.00
16	3790.00		3770.00	5257.34	.075	393.32	.012	.004	.008	.1	.001	.00
17	3770.00		3750.00	5553.44	.076	423.98	.000	.000	.000	.0	.000	.00
18	3750.00		3730.00	10945.18	.076	833.32	.033	.012	.020	.2	.001	.00
19	3730.00		3710.00	11697.32	.076	894.13	.081	.026	.054	.5	.002	.00
20	3710.00		3690.00	12265.69	.077	948.64	.216	.080	.136	1.5	.008	.00
21	3690.00		3670.00	11877.65	.077	913.45	.233	.070	.163	1.4	.009	.00
22	3670.00		3650.00	11515.25	.078	897.90	.331	.129	.202	2.2	.014	.00
23	3650.00		3630.00	9156.13	.077	706.25	.244	.086	.158	1.5	.008	.00
24	3630.00		3610.00	6837.71	.077	524.56	.131	.052	.079	.7	.006	.00
25	3610.00		3590.00	6407.25	.079	503.41	.414	.210	.204	3.0	.021	.00
26	3590.00		3570.00	2970.73	.079	233.28	.492	.283	.210	4.7	.020	.00
27	3570.00		3550.00	1303.73	.079	103.57	.414	.219	.195	3.6	.013	.00
28	3550.00		3530.00	562.15	.078	44.09	.482	.230	.251	3.7	.014	.00
29	3530.00		3510.00	1.77	.076	.13	.000	.000	.000	.0	.000	.00
30	3510.00		3490.00	22.10	.076	1.68	.000	.000	.000	.0	.000	.00
31	3490.00		3470.00	70.71	.123	8.68	3.101	1.525	1.576	22.8	.007	.00
32	3470.00		3450.00	243.07	.115	27.98	3.035	1.400	1.635	22.2	.001	.00
33	3450.00		3430.00	1725.34	.086	148.95	1.185	.436	.748	8.3	.001	.00
34	3430.00		3410.00	1619.27	.078	126.23	.049	.016	.032	.3	.000	.00
35	3410.00		3390.00	1428.35	.083	117.97	.564	.215	.349	3.4	.007	.00

45	3210.00	3190.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
46	3190.00	3170.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
47	3170.00	3150.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
48	3150.00	3130.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
49	3130.00	3110.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
50	3110.00	3090.00	.00	.000	.00	.000	.000	.000	.000	.0	.000

TOTAL FOR ALL BENCHES	164283.00	.076	12487.08	.171	.068	.103	1.2	.005
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MINING RESERVE EVALUATION

DESCRIPTION : Mined Reserves By Period

TOP SURFACE GRID RECORD : 2 F2 - FARO DECEMBER 31 1988 CUT SURFACE
 BOTTOM SURFACE GRID RECORD : 31 DEC 1989 CORRECTED YEAR END CUT SURFACE

BLOCKS USED :

COLUMNS 1 TO 128 ROWS 1 TO 128

BENCH TOTALS FOR STOCKPILE FROM 4.0000 [%Pb+Zn] TO 5.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME [bcf x1000]	DENSITY [tn/bcf]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				ECONOMIC FACTOR [Cdn \$ x100]
	[ft]	[ft]				[%Pb+Zn]	[%Pb]	[%Zn	
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.0	.000
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.0	.000
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.0	.000
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.0	.000
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.0	.000
6	4070.00		4030.00		.00	.000	.00	.000	.000	.000	.0	.000
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.0	.000
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.0	.000
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.0	.000
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.0	.000
11	3890.00		3870.00		.00	.000	.00	.000	.000	.000	.0	.000
12	3870.00		3850.00		50.38	.086	4.33	4.446	1.597	2.850	28.3	.099
13	3850.00		3830.00		5.30	.084	.44	4.340	1.848	2.492	34.7	.241
14	3830.00		3810.00		44.19	.083	3.66	4.704	2.098	2.606	40.5	.220
15	3810.00		3790.00		57.45	.085	4.88	4.431	1.860	2.571	41.0	.312
16	3790.00		3770.00		10.61	.086	.91	4.446	1.709	2.737	37.2	.341
17	3770.00		3750.00		.00	.000	.00	.000	.000	.000	.0	.000
18	3750.00		3730.00		18.56	.083	1.54	4.376	1.483	2.893	28.6	.141
19	3730.00		3710.00		111.37	.097	10.79	4.614	1.825	2.789	28.4	.177
20	3710.00		3690.00		353.55	.111	39.28	4.578	1.900	2.678	28.6	.159
21	3690.00		3670.00		647.00	.096	62.04	4.589	1.572	3.017	24.8	.122
22	3670.00		3650.00		373.88	.105	39.14	4.571	1.912	2.659	27.1	.189
23	3650.00		3630.00		621.37	.102	63.42	4.535	1.943	2.592	27.8	.107
24	3630.00		3610.00		247.49	.088	21.84	4.279	1.751	2.529	24.3	.195
25	3610.00		3590.00		647.89	.099	63.88	4.461	2.334	2.127	37.9	.227
26	3590.00		3570.00		284.61	.099	28.24	4.487	2.172	2.315	36.3	.158
27	3570.00		3550.00		104.30	.122	12.71	4.576	2.402	2.173	35.7	.098
28	3550.00		3530.00		130.77	.107	17.00	4.517	2.001	2.310	30.1	.070

45	3210.00	3190.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
46	3190.00	3170.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
47	3170.00	3150.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
48	3150.00	3130.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
49	3130.00	3110.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
50	3110.00	3090.00	.00	.000	.00	.000	.000	.000	.000	.0	.000

TOTAL FOR ALL BENCHES	7561.61	.099	745.38	4.526	1.843	2.682	29.6	.111			
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MINING RESERVE EVALUATION

DESCRIPTION : Mined Reserves By Period

TOP SURFACE GRID RECORD : 2 F2 - FARO DECEMBER 31 1988 CUT SURFACE
 BOTTOM SURFACE GRID RECORD : 31 DEC 1989 CORRECTED YEAR END CUT SURFACE

BLOCKS USED :

COLUMNS 1 TO 128 ROWS 1 TO 128
 BENCH TOTALS FOR ORE ABOVE 5.0000 [%Pb+Zn]

BENCH	CREST	TOE	VOLUME		DENSITY	TONNAGE	AVERAGE GRADES				ECONOMIC	
	[ft]	[ft]	[bcf	x1000]	[tn/bcf]	[TONS x1000]	[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	[Cdn \$ x1000]
1	4270.00	4230.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
2	4230.00	4190.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
3	4190.00	4150.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
4	4150.00	4110.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
5	4110.00	4070.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
6	4070.00	4030.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
7	4030.00	3990.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
8	3990.00	3950.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
9	3950.00	3910.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
10	3910.00	3890.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
11	3890.00	3870.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
12	3870.00	3850.00	15.91	.089	.089	1.41	5.492	1.972	3.520	33.9	.121	
13	3850.00	3830.00	.00	.00	.000	.00	.000	.000	.000	.0	.000	
14	3830.00	3810.00	60.10	.088	.088	5.27	6.180	2.928	3.252	58.3	.371	
15	3810.00	3790.00	114.02	.085	.085	9.72	5.901	2.539	3.362	49.4	.252	
16	3790.00	3770.00	6.19	.088	.088	.55	6.880	2.684	4.196	49.8	.244	
17	3770.00	3750.00	2.65	.088	.088	.23	5.650	1.822	3.828	36.6	.217	
18	3750.00	3730.00	13.26	.122	.122	1.62	6.235	2.360	3.875	29.1	.195	
19	3730.00	3710.00	533.86	.107	.107	56.90	6.482	2.478	4.004	37.1	.136	
20	3710.00	3690.00	1112.81	.107	.107	119.56	8.968	3.293	5.675	45.8	.108	
21	3690.00	3670.00	1096.01	.110	.110	120.86	8.032	2.871	5.162	34.9	.122	
22	3670.00	3650.00	1191.47	.110	.110	131.35	7.726	3.047	4.679	32.9	.140	
23	3650.00	3630.00	2261.85	.112	.112	252.66	7.428	3.004	4.423	38.5	.186	
24	3630.00	3610.00	3526.70	.115	.115	406.30	8.486	3.555	4.931	49.1	.116	
25	3610.00	3590.00	2760.37	.112	.112	310.09	9.722	4.053	5.669	52.0	.181	
26	3590.00	3570.00	2446.59	.111	.111	270.41	9.199	3.689	5.510	50.6	.313	
27	3570.00	3550.00	1961.33	.118	.118	230.64	8.117	3.298	4.819	38.7	.163	
28	3550.00	3530.00	1140.05	.114	.114	130.00	7.000	3.000	4.000	30.0	.100	

45	3210.00	3190.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
46	3190.00	3170.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
47	3170.00	3150.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
48	3150.00	3130.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
49	3130.00	3110.00	.00	.000	.00	.000	.000	.000	.000	.0	.000
50	3110.00	3090.00	.00	.000	.00	.000	.000	.000	.000	.0	.000

TOTAL FOR ALL BENCHES	40379.31	.116	4685.18	7.956	3.170	4.786	36.0	.100
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MINING RESERVE EVALUATION

DESCRIPTION : Mined Reserves By Period

TOP SURFACE GRID RECORD : 2 F2 - FARO DECEMBER 31 1988 CUT SURFACE
 BOTTOM SURFACE GRID RECORD : 31 DEC 1989 CORRECTED YEAR END CUT SURFACE

BLOCKS USED :
 COLUMNS 1 TO 128 ROWS 1 TO 128
 BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST		TOE		VOLUME [bcf x1000]	DENSITY [tn/bcf]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S					ECONOMIC FACTOR [Cdn \$ x100]
	[ft]	[ft]	[ft]	[ft]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
1	4270.00	4230.00			.00	.000	.00	.000	.000	.000	.0	.000	
2	4230.00	4190.00			.00	.000	.00	.000	.000	.000	.0	.000	
3	4190.00	4150.00			.00	.000	.00	.000	.000	.000	.0	.000	
4	4150.00	4110.00			.00	.000	.00	.000	.000	.000	.0	.000	
5	4110.00	4070.00			7.07	.000	.00	.000	.000	.000	.0	.000	
6	4070.00	4030.00			135.23	.044	5.90	.000	.000	.000	.0	.000	
7	4030.00	3990.00			635.51	.063	39.78	.000	.000	.000	.0	.000	
8	3990.00	3950.00			839.69	.066	55.82	.000	.000	.000	.0	.000	
9	3950.00	3910.00			10648.15	.071	759.89	.000	.000	.000	.0	.000	
10	3910.00	3890.00			7223.09	.074	533.87	.000	.000	.000	.0	.000	
11	3890.00	3870.00			8239.55	.074	609.79	.000	.000	.000	.0	.000	
12	3870.00	3850.00			8305.83	.075	619.12	.081	.031	.050	.6	.003	
13	3850.00	3830.00			8220.11	.075	613.07	.013	.006	.008	.1	.001	
14	3830.00	3810.00			8452.56	.075	634.46	.081	.037	.043	.7	.004	
15	3810.00	3790.00			7444.06	.075	557.40	.165	.068	.097	1.5	.009	
16	3790.00	3770.00			5274.14	.075	394.78	.032	.012	.020	.3	.002	
17	3770.00	3750.00			5556.09	.076	424.22	.004	.001	.002	.0	.000	
18	3750.00	3730.00			10977.00	.076	836.48	.053	.020	.033	.4	.002	
19	3730.00	3710.00			12342.57	.078	961.83	.510	.192	.319	3.0	.012	
20	3710.00	3690.00			13732.07	.081	1107.48	1.315	.492	.824	7.2	.024	
21	3690.00	3670.00			13620.70	.080	1096.36	1.339	.464	.875	6.4	.028	
22	3670.00	3650.00			13080.63	.082	1068.39	1.395	.553	.842	6.9	.036	
23	3650.00	3630.00			12039.40	.085	1022.33	2.286	.922	1.363	12.3	.058	
24	3630.00	3610.00			10611.91	.090	952.70	3.789	1.585	2.204	21.9	.058	
25	3610.00	3590.00			9815.51	.089	877.38	3.998	1.723	2.275	22.9	.092	
26	3590.00	3570.00			5701.93	.093	531.93	5.131	2.114	3.016	29.7	.177	
27	3570.00	3550.00			3369.36	.103	346.92	5.688	2.346	3.342	28.1	.116	
28	3550.00	3530.00			1640.04	.105	164.00	5.000	2.000	3.000	30.0	.100	

45	3210.00	3190.00	.00	.000	.00	.000	.000	.000
46	3190.00	3170.00	.00	.000	.00	.000	.000	.000
47	3170.00	3150.00	.00	.000	.00	.000	.000	.000
48	3150.00	3130.00	.00	.000	.00	.000	.000	.000
49	3130.00	3110.00	.00	.000	.00	.000	.000	.000
50	3110.00	3090.00	.00	.000	.00	.000	.000	.000

TOTAL FOR ALL BENCHES	212224.10	.084	17917.65	2.388	.953	1.435	1.
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