

MINING RESERVE EVALUATION

003504

DESCRIPTION : Mining Reserve Jan 1, 1990 to March 31, 1990

TOP SURFACE GRID RECORD : 4 F4 - 1989 Year End Cut Pit Surface (December 28 1989 Pit Survey)  
 BOTTOM SURFACE GRID RECORD : 14 F11 - March 1990 Month End Surface (Corrected FINAL)

BLOCKS USED :

COLUMNS 1 TO 128 ROWS 1 TO 128

BENCH TOTALS FOR WASTE FROM .0000 [%Pb+Zn] TO 3.0000 [%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	]	[%Zn		]
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
6	4070.00		4030.00		9.72	.000	.00	.000	.000	.000	.0	.000	.0
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
11	3890.00		3870.00		2.65	.076	.20	.000	.000	.000	.0	.000	.0
12	3870.00		3850.00		13.26	.076	1.01	.000	.000	.000	.0	.000	.0
13	3850.00		3830.00		65.41	.076	4.96	.000	.000	.000	.0	.000	.0
14	3830.00		3810.00		1676.72	.076	127.26	.000	.000	.000	.0	.000	.0
15	3810.00		3790.00		1477.85	.076	112.17	.000	.000	.000	.0	.000	.0
16	3790.00		3770.00		181.20	.076	13.79	.000	.000	.000	.0	.000	.0
17	3770.00		3750.00		400.40	.076	30.47	.000	.000	.000	.0	.000	.0
18	3750.00		3730.00		1759.81	.079	138.56	.000	.000	.000	.0	.000	.0
19	3730.00		3710.00		1377.09	.077	105.76	.000	.000	.000	.0	.000	.0
20	3710.00		3690.00		304.94	.076	23.30	.000	.000	.000	.0	.000	.0
21	3690.00		3670.00		27.40	.077	2.11	.081	.026	.055	.6	.005	.0
22	3670.00		3650.00		15.91	.077	1.23	.000	.000	.000	.0	.000	.0
23	3650.00		3630.00		211.25	.076	16.03	.000	.000	.000	.0	.000	.0
24	3630.00		3610.00		272.24	.076	20.66	.000	.000	.000	.0	.000	.0
25	3610.00		3590.00		236.88	.081	19.07	.490	.248	.243	3.9	.029	.0
26	3590.00		3570.00		1822.56	.077	140.52	.044	.021	.023	.3	.001	.0
27	3570.00		3550.00		3847.55	.078	299.04	.197	.086	.111	1.4	.009	.0
28	3550.00		3530.00		4090.62	.077	312.95	.108	.044	.045	.4	.003	.0

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TOP SURFACE GRID RECORD : 4 F4 - 1989 Year End Cut Pit Surface (December 28 1989 Pit Survey)  
 BOTTOM SURFACE GRID RECORD : 14 F11 - March 1990 Month End Surface (Corrected FINAL)

BLOCKS USED :  
 COLUMNS 1 TO 128 ROWS 1 TO 128  
 BENCH TOTALS FOR STOCKPILE FROM 3.0000 [%Pb+Zn] TO 5.0000 [%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	]	[%Zn		]
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
6	4070.00		4030.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
11	3890.00		3870.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
12	3870.00		3850.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
13	3850.00		3830.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
14	3830.00		3810.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
15	3810.00		3790.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
16	3790.00		3770.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
17	3770.00		3750.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
18	3750.00		3730.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
19	3730.00		3710.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
20	3710.00		3690.00		.88	.099	.09	3.522	1.280	2.242	14.4	.000	.0
21	3690.00		3670.00		1.77	.083	.15	3.538	1.132	2.406	26.5	.261	.0
22	3670.00		3650.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
23	3650.00		3630.00		15.03	.113	1.70	4.512	2.081	2.431	32.0	.148	.0
24	3630.00		3610.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
25	3610.00		3590.00		570.99	.108	61.58	4.040	1.744	2.295	26.4	.130	.0
26	3590.00		3570.00		927.19	.101	93.93	4.351	1.918	2.432	25.8	.148	.0
27	3570.00		3550.00		623.14	.106	66.19	4.196	1.874	2.322	26.7	.106	.0
28	3550.00		3530.00		1004.09	.109	109.04	4.174	1.904	2.249	25.9	.098	.0

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BLOCKS USED :

COLUMNS 1 TO 128 ROWS 1 TO 128  
 BENCH TOTALS FOR ORE ABOVE 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 \$ x1000]	
	[ft	]	[ft	]				[%Pb+Zn]	[%Pb	]	[%Zn		]
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
6	4070.00		4030.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
11	3890.00		3870.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
12	3870.00		3850.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
13	3850.00		3830.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
14	3830.00		3810.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
15	3810.00		3790.00		.88	.119	.10	9.895	3.523	6.372	42.1	.122	.0
16	3790.00		3770.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
17	3770.00		3750.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
18	3750.00		3730.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
19	3730.00		3710.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
20	3710.00		3690.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
21	3690.00		3670.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
22	3670.00		3650.00		15.03	.108	1.63	6.880	2.815	4.065	25.2	.189	.0
23	3650.00		3630.00		166.17	.110	18.27	7.730	2.934	4.797	31.7	.199	.0
24	3630.00		3610.00		1029.72	.109	111.79	7.439	2.712	4.727	31.1	.167	.0
25	3610.00		3590.00		718.60	.110	78.85	8.058	3.138	4.920	39.4	.160	.0
26	3590.00		3570.00		2299.86	.105	240.75	7.009	2.823	4.186	35.7	.152	.0
27	3570.00		3550.00		2692.31	.113	302.99	6.946	2.818	4.128	37.7	.140	.0
28	3550.00		3530.00		3277.44	.112	368.55	8.231	3.507	4.724	48.1	.139	.0

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DESCRIPTION : Mining Reserve Jan 1, 1990 to March 31, 1990

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 BOTTOM SURFACE GRID RECORD : 14 F11 - March 1990 Month End Surface (Corrected FINAL)

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]	AVERAGE GRADES				ECONOMIC FACTOR [Cdn \$ x1000]	
	[ft	]	[ft	]				[%Pb+Zn]	[%Pb	]	[%Zn		]
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
6	4070.00		4030.00		9.72	.000	.00	.000	.000	.000	.0	.000	.0
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.0	.000	.0
11	3890.00		3870.00		2.65	.076	.20	.000	.000	.000	.0	.000	.0
12	3870.00		3850.00		13.26	.076	1.01	.000	.000	.000	.0	.000	.0
13	3850.00		3830.00		65.41	.076	4.96	.000	.000	.000	.0	.000	.0
14	3830.00		3810.00		1676.72	.076	127.26	.000	.000	.000	.0	.000	.0
15	3810.00		3790.00		1478.73	.076	112.27	.009	.003	.006	.0	.000	.0
16	3790.00		3770.00		181.20	.076	13.79	.000	.000	.000	.0	.000	.0
17	3770.00		3750.00		400.40	.076	30.47	.000	.000	.000	.0	.000	.0
18	3750.00		3730.00		1759.81	.079	138.56	.000	.000	.000	.0	.000	.0
19	3730.00		3710.00		1377.09	.077	105.76	.000	.000	.000	.0	.000	.0
20	3710.00		3690.00		305.82	.076	23.39	.013	.005	.008	.1	.000	.0
21	3690.00		3670.00		29.17	.077	2.26	.306	.098	.208	2.3	.022	.0
22	3670.00		3650.00		30.94	.092	2.85	3.927	1.607	2.320	14.4	.108	.0
23	3650.00		3630.00		392.44	.092	36.00	4.136	1.587	2.549	17.6	.108	.0
24	3630.00		3610.00		1301.96	.102	132.45	6.279	2.289	3.989	26.3	.141	.0
25	3610.00		3590.00		1526.46	.104	159.50	5.602	2.254	3.347	30.1	.133	.0
26	3590.00		3570.00		5049.62	.094	475.19	4.424	1.816	2.608	23.3	.107	.0
27	3570.00		3550.00		7162.97	.093	668.22	3.653	1.502	2.151	20.4	.078	.0
28	3550.00		3530.00		8372.13	.094	790.53	4.456	1.915	2.541	26.3	.080	.0