

MINING RESERVE EVALUATION

DESCRIPTION : Remaining Reserves as of December 31 1987

TOP SURFACE GRID RECORD : 18 FARO - December 1987 Year End Pit Surface (BSLSECT)
 BOTTOM SURFACE GRID RECORD : 12 Five Dollar Pit with AY, BY, CY, JB Phases

BENCH TOTALS FOR ORE ABOVE 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]	[Ag g/t]		[Au g/t]
1	4270.00		4230.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
2	4230.00		4190.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
3	4190.00		4150.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
4	4150.00		4110.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
5	4110.00		4070.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
6	4070.00		4030.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
7	4030.00		3990.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
8	3990.00		3950.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
9	3950.00		3910.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
10	3910.00		3890.00		.00	.000	.00	.000	.000	.000	.000	.000	.00
11	3890.00		3870.00		2.50	.090	.22	6.230	2.690	3.540	4.600	.020	1.71
12	3870.00		3850.00		70.00	.085	5.95	8.324	3.458	4.866	6.123	.193	90.81
13	3850.00		3830.00		110.00	.097	10.63	9.107	3.701	5.406	5.678	.146	180.61
14	3830.00		3810.00		167.50	.087	14.64	6.968	2.937	4.031	5.193	.169	151.32
15	3810.00		3790.00		150.00	.085	12.75	6.733	3.082	3.651	5.831	.222	135.72
16	3790.00		3770.00		50.00	.079	3.95	5.820	2.170	3.650	3.800	.270	17.10
17	3770.00		3750.00		110.00	.102	11.17	8.113	3.252	4.861	5.224	.518	153.10
18	3750.00		3730.00		800.00	.114	90.88	6.037	2.421	3.616	3.011	.152	191.37
19	3730.00		3710.00		1425.00	.099	140.51	6.880	2.544	4.336	4.109	.153	1116.58
20	3710.00		3690.00		1975.00	.098	196.24	6.900	2.629	4.271	3.950	.104	1514.06
21	3690.00		3670.00		2090.00	.098	204.23	6.763	2.527	4.237	3.434	.207	1563.21
22	3670.00		3650.00		2375.00	.102	241.30	7.633	3.079	4.554	3.437	.204	2446.15
23	3650.00		3630.00		3350.00	.100	335.45	7.067	2.732	4.335	3.157	.219	2613.68
24	3630.00		3610.00		4325.00	.101	435.55	8.307	3.114	5.193	3.556	.172	5516.72
25	3610.00		3590.00		5900.00	.100	587.08	8.375	3.292	5.083	4.050	.157	7839.02
26	3590.00		3570.00		6530.00	.097	631.37	8.219	3.166	5.053	3.980	.121	8110.20
27	3570.00		3550.00		7750.00	.100	774.15	8.263	3.493	4.770	4.413	.111	10280.51
28	3550.00		3530.00		10672.50	.100	1062.27	7.905	3.228	4.677	4.551	.119	12914.17
29	3530.00		3510.00		10982.50	.100	1103.45	8.764	3.451	5.313	4.424	.102	16373.76
30	3510.00		3490.00		13645.00	.102	1390.70	8.694	3.479	5.215	4.536	.082	20582.00
31	3490.00		3470.00		16817.50	.101	1699.08	9.251	3.705	5.546	4.726	.075	29220.69
32	3470.00		3450.00		14092.50	.103	1451.39	8.893	3.508	5.386	4.374	.059	22354.96
33	3450.00		3430.00		10695.00	.107	1144.84	8.370	3.235	5.136	3.672	.092	14693.30
34	3430.00		3410.00		10412.50	.109	1139.63	7.972	3.080	4.893	3.218	.066	12308.10
35	3410.00		3390.00		8050.00	.105	842.30	7.439	2.860	4.579	3.119	.048	7492.17
36	3390.00		3370.00		5900.00	.102	603.50	8.149	2.975	5.175	2.909	.060	6694.07
37	3370.00		3350.00		4650.00	.092	426.40	8.871	3.115	5.756	3.469	.101	6109.48
38	3350.00		3330.00		2850.00	.089	253.65	9.556	3.249	6.309	3.303	.112	4101.26
39	3330.00		3310.00		1800.00	.084	151.05	8.230	2.550	5.681	4.356	.038	2156.92

37	3330.00	3310.00	1800.00	.084	151.05	8.230	2.550	5.681	4.356	.038	2156.92
40	3310.00	3290.00	700.00	.082	57.05	8.612	2.462	6.150	3.641	.000	853.22

TOTAL FOR ALL BENCHES			148467.50	.101	15021.39	8.362	3.262	5.100	4.010		.10
TOTAL FOR ALL BENCHES			197775.90								

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TOP SURFACE GRID RECORD : 18 FARO - December 1987 Year End Pit Surface (BSLSECT)
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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 \$ x1000]
	[ft]	[ft]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	
1	4270.00	4230.00	1720.00	.076	130.72	.000	.000	.000	.000	.000	-167.36	
2	4230.00	4190.00	3502.50	.076	266.19	.000	.000	.000	.000	.000	-340.79	
3	4190.00	4150.00	3857.50	.076	293.17	.000	.000	.000	.000	.000	-375.33	
4	4150.00	4110.00	6175.00	.076	469.30	.000	.000	.000	.000	.000	-600.83	
5	4110.00	4070.00	5877.50	.076	446.69	.000	.000	.000	.000	.000	-571.88	
6	4070.00	4030.00	7435.00	.076	565.06	.000	.000	.000	.000	.000	-723.43	
7	4030.00	3990.00	23797.50	.076	1808.61	.000	.000	.000	.000	.000	-2315.50	
8	3990.00	3950.00	37730.00	.076	2867.48	.000	.000	.000	.000	.000	-3671.13	
9	3950.00	3910.00	22892.50	.076	1739.83	.000	.000	.000	.000	.000	-2227.44	
10	3910.00	3890.00	15370.00	.076	1168.12	.000	.000	.000	.000	.000	-1498.25	
11	3890.00	3870.00	17055.00	.076	1296.12	.008	.003	.005	.007	.001	-1659.21	
12	3870.00	3850.00	19692.50	.076	1496.91	.079	.035	.044	.067	.005	-1820.68	
13	3850.00	3830.00	19975.00	.076	1519.52	.092	.037	.055	.063	.003	-1753.77	
14	3830.00	3810.00	22187.50	.076	1688.86	.108	.043	.065	.081	.005	-1995.13	
15	3810.00	3790.00	22972.50	.076	1748.94	.130	.054	.075	.106	.007	-2068.22	
16	3790.00	3770.00	24352.50	.076	1852.66	.081	.029	.052	.069	.005	-2316.65	
17	3770.00	3750.00	24867.50	.076	1893.15	.060	.023	.037	.039	.003	-2259.39	
18	3750.00	3730.00	25570.00	.077	1978.40	.330	.135	.196	.179	.012	-2219.52	
19	3730.00	3710.00	26612.50	.078	2064.93	.548	.211	.337	.346	.021	-1321.52	
20	3710.00	3690.00	27532.50	.078	2158.76	.768	.299	.469	.455	.018	-1000.15	
21	3690.00	3670.00	27000.00	.078	2115.36	.839	.314	.526	.450	.029	-885.84	
22	3670.00	3650.00	26272.50	.079	2087.23	1.196	.471	.725	.585	.036	107.42	
23	3650.00	3630.00	25457.50	.081	2067.45	1.559	.601	.958	.768	.053	415.78	
24	3630.00	3610.00	32630.00	.081	2646.98	1.736	.652	1.084	.838	.049	2683.91	
25	3610.00	3590.00	33390.00	.083	2757.52	2.279	.894	1.385	1.215	.057	5122.74	
26	3590.00	3570.00	34907.50	.083	2912.57	2.420	.941	1.480	1.297	.057	5183.26	
27	3570.00	3550.00	32737.50	.085	2791.69	3.000	1.239	1.761	1.670	.059	7726.04	
28	3550.00	3530.00	30937.50	.088	2721.65	3.749	1.517	2.232	2.175	.068	10798.75	
29	3530.00	3510.00	29477.50	.091	2683.15	4.767	1.880	2.887	2.532	.074	14531.51	
30	3510.00	3490.00	27217.50	.095	2586.91	5.739	2.264	3.476	3.033	.076	19082.41	
31	3490.00	3470.00	25337.50	.097	2457.33	7.180	2.849	4.331	3.687	.076	28309.44	
32	3470.00	3450.00	22852.50	.097	2218.77	6.792	2.688	4.104	3.497	.059	21698.95	
33	3450.00	3430.00	19372.50	.098	1891.52	6.026	2.302	3.725	2.816	.073	13906.06	
34	3430.00	3410.00	16700.00	.101	1693.07	6.167	2.353	3.815	2.602	.058	11583.75	
35	3410.00	3390.00	13272.50	.097	1282.38	5.757	2.169	3.589	2.571	.055	6966.46	
36	3390.00	3370.00	10055.00	.092	927.37	6.176	2.218	3.958	2.494	.048	6319.84	
37	3370.00	3350.00	7442.50	.086	641.81	6.539	2.270	4.269	2.879	.070	5876.12	
38	3350.00	3330.00	4972.50	.083	412.27	6.730	2.314	4.417	3.075	.079	3915.24	
39	3330.00	3310.00	2450.00	.082	200.25	6.269	1.948	4.322	3.383	.028	2093.75	

39	3330.00	3310.00	2450.00	.082	200.25	6.269	1.948	4.322	3.383	.028	2093.75
40	3310.00	3290.00	700.00	.082	57.05	8.612	2.462	6.150	3.641	.000	853.22

TOTAL FOR ALL BENCHES			782357.40	.083	64605.75	2.359	.915	1.444	1.196		.04
TOTAL FOR ALL BENCHES			135382.60								
