

019905

MINING RESERVE EVALUATION

DESCRIPTION : Total Mining Reserves - Start-up Topo to IV Stage 3

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m]
 BOTTOM ELEVATION : 998.50 [m]

TOP SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)
 BOTTOM SURFACE GRID RECORD : 17 G14 - Vintilla Stage 3 pit (POLYSECT) with surface topo

INCREMENTAL RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [Cdn \$ x1000]	
FROM [50 %PbZn]	TO [50 %PbZn]				^{%PbZn} [50 %PbZn]	[Pb %]	[Zn %]	[Ag g/t]		[Au g/t]
12.000	50.000	1201.96	3.896	4683.01	15.841	5.897	9.944	98.530	1.235	251908.10
11.000	12.000	316.92	3.712	1176.41	11.495	4.453	7.041	74.130	1.128	40248.89
10.000	11.000	431.92	3.611	1559.83	10.490	4.016	6.474	67.698	1.045	46743.82
9.000	10.000	456.25	3.443	1571.02	9.514	3.570	5.944	60.181	.967	40782.70
8.000	9.000	552.78	3.252	1797.56	8.471	3.163	5.307	52.840	.916	38915.66
7.000	8.000	773.96	3.135	2426.07	7.474	2.735	4.739	46.055	.841	42733.46
6.000	7.000	1114.61	3.051	3400.71	6.522	2.348	4.174	39.563	.729	45732.65
5.000	6.000	799.79	3.086	2468.14	5.531	2.022	3.509	34.768	.787	24632.08
4.000	5.000	939.88	3.034	2851.25	4.477	1.660	2.817	29.864	.697	16056.66
3.000	4.000	618.11	3.017	1864.65	3.555	1.436	2.119	25.183	.660	3267.63
2.000	3.000	219.23	3.103	680.34	2.627	.951	1.676	20.712	.707	-254.15
1.000	2.000	7.49	3.122	23.38	1.886	.575	1.312	15.684	.681	-53.70
TOTAL		7432.88	3.296	24502.37	8.547	3.187	5.360	53.970	.901	550713.80

GRUM

MINING RESERVE EVALUATION

DESCRIPTION : Total Mining Reserves - Start-up Topo to IV Stage 3

TOTAL FOR ALL BENCHES

TOP ELEVATION : 1336.00 [m]
 BOTTOM ELEVATION : 998.50 [m]

TOP SURFACE GRID RECORD : 1 G1 - Grum 1979 Orthophoto Surface Topography (POLYSECT)
 BOTTOM SURFACE GRID RECORD : 17 G14 - Vintilla Stage 3 pit (POLYSECT) with surface topo

CUMULATIVE RESULTS

CUT-OFF GRADES		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				ECONOMIC FACTOR [Cdn \$ x1000]	
FROM [8.0 PbZn]	TO [8.0 PbZn]				8.0 PbZn	[Pb %]	[Zn %]	[Ag g/t]		[Au g/t]
12.000	50.000	1201.96	3.896	4683.01	15.841	5.897	9.944	98.530	1.235	251908.10
11.000	12.000	1518.88	3.858	5859.42	14.968	5.607	9.361	93.631	1.214	292157.00
10.000	11.000	1950.79	3.803	7419.25	14.027	5.272	8.754	88.179	1.178	338900.80
9.000	10.000	2407.04	3.735	8990.28	13.238	4.975	8.263	83.286	1.141	379683.50
8.000	9.000	2959.82	3.645	10787.83	12.444	4.673	7.771	78.213	1.104	418599.10
7.000	8.000	3733.79	3.539	13213.90	11.531	4.317	7.214	72.309	1.056	461332.50
6.000	7.000	4848.40	3.427	16614.61	10.506	3.914	6.592	65.606	.989	507065.20
5.000	6.000	5648.18	3.379	19082.75	9.862	3.669	6.193	61.618	.963	531697.30
4.000	5.000	6588.06	3.329	21934.00	9.162	3.408	5.754	57.490	.928	547753.90
3.000	4.000	7206.17	3.303	23798.65	8.723	3.254	5.469	54.959	.907	551021.60
2.000	3.000	7425.40	3.297	24478.99	8.554	3.190	5.364	54.007	.901	550767.40
1.000	2.000	7432.88	3.296	24502.37	8.547	3.187	5.360	53.970	.901	550713.80
.010	1.000	7432.88	3.296	24502.37	8.547	3.187	5.360	53.970	.901	550713.80
TOTAL		7432.88	3.296	24502.37	8.547	3.187	5.360	53.970	.901	550713.80