

*from: C. Reed  
April 6/89*

005118

MINING RESERVE EVALUATION

DESCRIPTION : I. Vintila's Stage 1 2, & 3 Reserves

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 : 25 G25 - I.V. Final Pit ( stage 3 )

INCREMENTAL RESULTS

CUT-OFF GRADES FROM [Pb+Zn%]	GRADES TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME		DENSITY	TONNAGE		AVERAGE GRADES			ECONOMIC FACTOR	
			[bcm	x1000]	[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	[Cdn \$ x1000]
5.000	100.000	1	859.21		3.113	2675.00	6.870	2.442	4.429	.419	.894	42745.86
5.000	100.000	2	2096.63		3.086	6469.54	7.873	2.835	5.038	.479	.842	125484.50
5.000	100.000	3	51.22		3.205	164.15	6.771	2.392	4.379	.418	.526	2265.19
5.000	100.000	4	748.04		3.238	2421.90	10.449	3.748	6.701	.618	.903	73779.30
5.000	100.000	5	319.75		3.684	1178.07	9.839	3.762	6.077	.615	1.032	32733.61
5.000	100.000	6	823.70		4.028	3318.00	14.671	5.504	9.167	.922	1.305	163503.60
5.000	100.000	7	547.78		4.079	2234.22	12.274	5.047	7.227	.844	1.012	79847.54
5.000	100.000	8	8.63		3.763	32.47	15.213	5.193	10.020	1.064	1.322	1741.21
5.000	100.000	9	183.60		3.021	554.70	7.127	2.537	4.590	.442	.664	8666.59
4.000	5.000	1	571.45		3.029	1730.98	4.484	1.647	2.836	.302	.732	10219.93
4.000	5.000	2	26.21		2.984	78.20	4.804	1.952	2.852	.304	.861	535.97
4.000	5.000	3	145.21		2.977	435.16	4.417	1.564	2.853	.282	.545	2145.02
4.000	5.000	4	9.74		2.950	28.74	4.704	1.734	2.970	.323	.512	159.21
4.000	5.000	5	35.99		3.765	135.49	4.593	1.794	2.799	.368	1.088	1108.25
4.000	5.000	9	149.92		2.920	437.82	4.396	1.702	2.694	.276	.570	1854.52
.010	4.000	1	508.56		2.979	1514.99	3.347	1.287	2.061	.239	.709	2426.41
.010	4.000	2	.54		3.129	1.69	3.848	1.379	2.469	.330	.846	7.91
.010	4.000	3	171.61		3.264	560.18	3.009	1.134	1.875	.231	.664	321.44
.010	4.000	4	14.48		3.232	46.81	3.290	1.643	1.647	.300	.685	19.77
.010	4.000	5	9.46		3.918	37.05	3.475	1.430	2.045	.290	.027	-58.78
.010	4.000	6	.54		2.962	1.60	3.248	1.112	2.136	.200	.436	.09
.010	4.000	9	132.76		2.884	382.91	3.503	1.545	1.958	.237	.599	237.21
.000	.010	1	2.70		2.850	7.70	.000	.000	.000	.000	.000	-14.85
.000	.010	2	12.43		2.850	35.43	.000	.000	.000	.000	.000	-75.46
.000	.010	3	6.01		2.917	17.54	.000	.000	.000	.000	.000	-36.50
.000	.010	4	24.30		2.850	69.25	.000	.000	.000	.000	.000	-144.05
.000	.010	5	16.81		2.855	48.00	.000	.000	.000	.000	.000	-99.16
.000	.010	6	15.71		2.850	44.77	.000	.000	.000	.000	.000	-90.30
.000	.010	7	49.25		2.850	49.25	.000	.000	.000	.000	.000	-96.37
.000	.010	8	4.32		2.850	12.31	.000	.000	.000	.000	.000	-24.54
.000	.010	9	24.30		2.853	69.34	.000	.000	.000	.000	.000	-137.01
.000	9999.000	11	13263.35		2.099	27839.99	.000	.000	.000	.000	.000	-29381.33
.000	9999.000	****	54328.21		2.700	146686.20	.000	.000	.000	.000	.000	-161318.90
TOTAL			75130.45		2.653	199319.40	1.049	.391	.658	.066	.110	358326.00