

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 FROM [Pb+Zn%]	GRADES TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES [Pb %] [Zn %] [Ag g/t] [Au g/t] [Cdn \$ x1000]				ECONOMIC FACTOR	
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	2.997	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	17.28	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	****	54326.21	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

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CUMULATIVE RESULTS

CUT-OFF FROM [Pb+Zn%]	GRADES TO [Pb+Zn%]	ROCK-TYPE CODE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES [Pb+Zn%] [Pb %] [Zn %] [Ag g/t] [Au g/t] [Cdn \$ x1000]				ECONOMIC FACTOR	
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	2955.84	3.094	9144.54	7.579	2.720	4.860	.461	.857	168230.40
5.000	100.000	3	3007.06	3.096	9308.69	7.565	2.714	4.851	.461	.851	170495.50
5.000	100.000	4	3755.10	3.124	11730.59	8.160	2.927	5.233	.493	.862	244274.80
5.000	100.000	5	4074.85	3.168	12908.67	8.314	3.004	5.310	.504	.877	277008.40
5.000	100.000	6	4898.56	3.313	16226.67	9.614	3.515	6.099	.590	.965	440512.10
5.000	100.000	7	5446.33	3.390	18460.88	9.936	3.700	6.235	.621	.971	520359.60
5.000	100.000	8	5454.96	3.390	18493.36	9.945	3.703	6.242	.621	.971	522100.80
5.000	100.000	9	5638.56	3.378	19048.06	9.863	3.669	6.194	.616	.962	530767.40
4.000	5.000	1	6210.01	3.346	20779.04	9.415	3.501	5.914	.590	.943	540987.30
4.000	5.000	2	6236.22	3.345	20857.24	9.397	3.495	5.903	.589	.943	541523.30
4.000	5.000	3	6381.43	3.337	21292.40	9.296	3.455	5.840	.583	.935	543668.40
4.000	5.000	4	6391.18	3.336	21321.14	9.290	3.453	5.836	.582	.934	543827.60
4.000	5.000	5	6427.16	3.338	21456.63	9.260	3.443	5.817	.581	.935	544935.80
4.000	5.000	6	6427.16	3.338	21456.63	9.260	3.443	5.817	.581	.935	544935.80
4.000	5.000	7	6427.16	3.338	21456.63	9.260	3.443	5.817	.581	.935	544935.80
4.000	5.000	8	6427.16	3.338	21456.63	9.260	3.443	5.817	.581	.935	544935.80
4.000	5.000	9	6577.08	3.329	21894.45	9.163	3.408	5.755	.575	.928	546790.30
.010	4.000	1	7085.64	3.304	23409.44	8.786	3.270	5.516	.553	.913	549216.80
.010	4.000	2	7086.18	3.304	23411.13	8.786	3.270	5.516	.553	.913	549224.70
.010	4.000	3	7257.79	3.303	23971.31	8.651	3.220	5.430	.546	.908	549546.20
.010	4.000	4	7272.28	3.303	24018.12	8.640	3.217	5.423	.545	.907	549565.90
.010	4.000	5	7281.73	3.303	24055.17	8.633	3.215	5.418	.545	.906	549507.10
.010	4.000	6	7282.27	3.303	24056.77	8.632	3.214	5.418	.545	.906	549507.20
.010	4.000	7	7282.27	3.303	24056.77	8.632	3.214	5.418	.545	.906	549507.20
.010	4.000	8	7282.27	3.303	24056.77	8.632	3.214	5.418	.545	.906	549507.20
.010	4.000	9	7415.03	3.296	24439.68	8.552	3.188	5.363	.540	.901	549744.40
.000	.010	1	7417.73	3.296	24447.37	8.549	3.187	5.362	.540	.901	549729.60
.000	.010	2	7430.16	3.295	24482.80	8.537	3.183	5.354	.539	.899	549654.10
.000	.010	3	7436.17	3.295	24500.34	8.531	3.180	5.350	.539	.899	549617.60
.000	.010	4	7460.47	3.293	24569.60	8.507	3.171	5.335	.537	.896	549473.60
.000	.010	5	7477.28	3.292	24617.59	8.490	3.165	5.325	.536	.894	549374.40
.000	.010	6	7492.99	3.291	24662.36	8.475	3.160	5.315	.535	.893	549284.10
.000	.010	7	7510.27	3.290	24711.61	8.458	3.153	5.304	.534	.891	549187.70
.000	.010	8	7514.59	3.290	24723.92	8.453	3.152	5.302	.534	.891	549163.20
.000	.010	9	7538.89	3.289	24793.26	8.430	3.143	5.287	.532	.888	549026.20
.000	9999.000	11	20802.24	2.530	52633.24	3.971	1.480	2.490	.251	.418	519644.90
.000	9999.000	12	20802.24	2.530	52633.24	3.971	1.480	2.490	.251	.418	519644.90
.000	9999.000	****	75130.45	2.653	199319.40	1.049	.391	.658	.066	.110	358326.00
TOTAL			75130.45	2.653	199319.40	1.049	.391	.658	.066	.110	358326.00

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