

37	1047.50	1043.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
38	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	1034.00	1029.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
41	1029.50	1025.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
42	1025.00	1020.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
43	1020.50	1016.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
44	1016.00	1011.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
45	1011.50	1007.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
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TOTAL FOR ALL BENCHES			6881.68	2.472	17013.92	.491	.228	.263	3.781			.14
TOTAL FOR ALL BENCHES			-16929.17									
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MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design (Union #5 & #13)

BENCH TOTALS FOR STOCKPILE FROM 4.0000 [%Pb+Zn] TO 5.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]
	[m	]	[m	]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
1	1209.50	1205.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50	1196.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00	1191.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00	1173.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50	1169.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
10	1169.00	1164.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
11	1164.50	1160.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
12	1160.00	1155.50	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
13	1155.50	1151.00	.00	.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
14	1151.00	1146.50	4.25	3.304	14.05	4.432	1.978	2.454	28.958	.324			-11.55
15	1146.50	1142.00	7.83	3.339	26.13	4.590	1.881	2.710	30.010	.475			-21.25
16	1142.00	1137.50	11.85	3.481	41.25	4.379	1.791	2.588	32.069	.389			-32.18
17	1137.50	1133.00	8.73	3.578	31.25	4.447	1.962	2.485	27.549	.565			-23.29
18	1133.00	1128.50	13.56	3.557	48.24	4.516	2.068	2.448	33.974	.510			-36.17
19	1128.50	1124.00	9.95	3.167	31.51	4.409	1.923	2.486	32.255	.680			-26.53
20	1124.00	1119.50	4.95	2.969	14.70	4.448	1.682	2.766	29.479	.482			-12.96
21	1119.50	1115.00	8.99	2.938	26.40	4.588	1.657	2.931	20.728	.357			-23.96
22	1115.00	1110.50	12.28	2.982	36.61	4.443	1.820	2.622	27.713	.520			-33.34
23	1110.50	1106.00	14.41	2.949	42.50	4.510	1.836	2.674	28.322	.570			-39.14
24	1106.00	1101.50	12.17	2.740	33.34	4.530	1.775	2.755	26.413	.519			-33.65
25	1101.50	1097.00	9.31	2.636	24.56	4.558	1.919	2.639	24.519	.449			-25.76
26	1097.00	1092.50	4.66	2.648	12.33	4.520	1.847	2.673	25.958	.540			-13.11
27	1092.50	1088.00	5.36	2.644	14.17	4.533	1.841	2.692	26.556	.552			-15.09
28	1088.00	1083.50	4.05	3.029	12.27	4.657	2.037	2.620	26.328	.590			-11.60
29	1083.50	1079.00	9.15	3.147	28.79	4.457	2.042	2.415	27.097	.564			-26.65
30	1079.00	1074.50	6.48	3.329	21.57	4.353	2.740	1.613	29.442	1.184			-18.88
31	1074.50	1070.00	6.48	3.278	21.24	4.440	2.458	1.982	28.565	.995			-19.20
32	1070.00	1065.50	7.57	3.468	26.25	4.455	2.622	1.833	31.979	1.471			-22.43
33	1065.50	1061.00	3.42	3.585	12.26	4.351	2.274	2.077	33.013	.984			-10.30
34	1061.00	1056.50	2.74	3.748	10.29	4.420	2.021	2.399	34.444	1.293			-8.27
35	1056.50	1052.00	.09	3.650	.34	4.282	2.010	2.271	32.384	1.352			-7.29
36	1052.00	1047.50	.00	.000	.00	.000	.000	.000	.000	.000			.00
37	1047.50	1043.00	.00	.000	.00	.000	.000	.000	.000	.000			.00
38	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000			.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000			.00

MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design (Union #5 & #13)

BENCH TOTALS FOR ORE ABOVE 5.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME		DENSITY	TONNAGE		AVERAGE GRADES				ECONOMIC FACTOR
	[m	]	[m	]	[bcm	x1000]	[tn/bcm]	[TONS x1000]	[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	[CDN \$ x1000]
1	1209.50		1205.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00		1200.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50		1196.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00		1191.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50		1187.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00		1182.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50		1178.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00		1173.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50		1169.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
10	1169.00		1164.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
11	1164.50		1160.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
12	1160.00		1155.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
13	1155.50		1151.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
14	1151.00		1146.50		5.06		3.757	19.02	8.499	3.322	5.177	48.845	.449	348.82
15	1146.50		1142.00		31.02		3.769	116.92	8.580	3.585	4.995	48.185	.610	2187.80
16	1142.00		1137.50		65.11		3.854	250.91	8.696	3.784	4.912	50.547	.602	4677.71
17	1137.50		1133.00		93.99		3.788	356.04	8.246	3.607	4.640	49.853	.626	6185.20
18	1133.00		1128.50		79.65		3.856	307.14	8.847	3.794	5.053	54.167	.666	6158.98
19	1128.50		1124.00		47.36		3.840	181.89	10.201	4.233	5.968	65.003	.776	4786.49
20	1124.00		1119.50		74.02		3.686	272.80	10.388	4.327	6.061	60.661	.620	6848.21
21	1119.50		1115.00		76.27		3.575	272.70	10.046	4.138	5.908	56.233	.566	6350.10
22	1115.00		1110.50		82.42		3.427	282.45	9.746	4.058	5.688	53.687	.588	6091.12
23	1110.50		1106.00		98.06		3.382	331.59	9.669	4.034	5.635	54.203	.652	7188.35
24	1106.00		1101.50		87.94		3.395	298.58	9.047	3.850	5.197	54.634	.774	6139.45
25	1101.50		1097.00		80.89		3.522	284.90	9.443	4.155	5.287	58.034	.741	6090.88
26	1097.00		1092.50		81.34		3.818	310.57	11.194	5.105	6.089	72.826	.692	8468.62
27	1092.50		1088.00		77.48		3.814	295.49	11.427	5.213	6.236	74.039	.704	8260.83
28	1088.00		1083.50		45.46		3.978	180.85	12.101	5.471	6.630	79.425	.664	5563.84
29	1083.50		1079.00		65.09		3.747	243.88	10.140	4.326	5.814	63.436	.686	6010.83
30	1079.00		1074.50		75.58		3.994	301.87	10.619	4.577	6.042	67.721	.734	8135.15
31	1074.50		1070.00		81.16		3.981	323.09	10.397	4.815	5.581	67.664	.753	8093.83
32	1070.00		1065.50		55.07		3.972	218.74	9.677	4.365	5.312	63.706	.727	5022.93
33	1065.50		1061.00		38.66		3.990	154.27	9.469	4.331	5.138	62.531	.791	3475.13
34	1061.00		1056.50		25.18		4.003	100.80	8.956	4.034	4.922	57.943	.863	2157.26
35	1056.50		1052.00		1.42		3.976	5.64	9.674	4.204	5.470	62.547	1.151	149.39
36	1052.00		1047.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
37	1047.50		1043.00		.00		.000	.00	.000	.000	.000	.000	.000	.00
38	1043.00		1038.50		.00		.000	.00	.000	.000	.000	.000	.000	.00
39	1038.50		1034.00		.00		.000	.00	.000	.000	.000	.000	.000	.00

37	1047.50	1043.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
38	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	1034.00	1029.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
41	1029.50	1025.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
42	1025.00	1020.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
43	1020.50	1016.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
44	1016.00	1011.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
45	1011.50	1007.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
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TOTAL FOR ALL BENCHES		1368.23	3.735		5110.14	9.861	4.293	5.570	60.611			.68
TOTAL FOR ALL BENCHES		118390.90										

503911 ins metal

MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 VS-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design (Union #5 & #13)

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST	TOE	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S					ECONOMIC FACTOR [CDN \$ x1000]
	[m]	[m]				[%Pb+Zn]	[%Pb]	[%Zn]	[Ag g/t]	[Au g/t]	
1	1209.50	1205.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
3	1200.50	1196.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
4	1196.00	1191.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
8	1178.00	1173.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
9	1173.50	1169.00	6.69	2.102	14.07	.000	.000	.000	.000	.000	-15.54
10	1169.00	1164.50	46.60	2.147	100.03	.000	.000	.000	.000	.000	-109.94
11	1164.50	1160.00	100.52	2.140	215.07	.000	.000	.000	.000	.000	-231.61
12	1160.00	1155.50	220.73	2.140	472.27	.000	.000	.000	.000	.000	-508.60
13	1155.50	1151.00	391.82	2.136	836.96	.000	.000	.000	.000	.000	-901.69
14	1151.00	1146.50	557.80	2.189	1220.96	.280	.119	.161	1.922	.029	-902.23
15	1146.50	1142.00	688.59	2.283	1571.82	.844	.357	.488	5.050	.085	684.24
16	1142.00	1137.50	695.39	2.463	1712.91	1.575	.682	.893	9.479	.144	3191.37
17	1137.50	1133.00	672.42	2.554	1717.03	1.987	.873	1.114	12.130	.186	4835.94
18	1133.00	1128.50	676.22	2.631	1779.01	2.093	.907	1.186	13.127	.223	4742.65
19	1128.50	1124.00	556.47	2.609	1452.07	1.831	.767	1.064	12.073	.205	3571.77
20	1124.00	1119.50	525.52	2.693	1415.46	2.432	1.021	1.411	14.856	.198	5764.39
21	1119.50	1115.00	483.99	2.773	1342.11	2.546	1.048	1.497	15.184	.212	5324.32
22	1115.00	1110.50	405.46	2.845	1153.36	2.763	1.236	1.727	17.544	.253	5242.72
23	1110.50	1106.00	391.02	2.938	1149.01	3.412	1.426	1.987	20.395	.312	6395.50
24	1106.00	1101.50	317.40	2.959	939.06	3.565	1.515	2.050	22.290	.431	5505.18
25	1101.50	1097.00	262.03	3.042	797.13	4.069	1.797	2.273	25.868	.483	5589.96
26	1097.00	1092.50	254.47	3.141	799.32	4.848	2.223	2.624	32.074	.416	7981.31
27	1092.50	1088.00	215.40	3.207	690.69	5.415	2.492	2.932	35.726	.451	7872.60
28	1088.00	1083.50	203.09	3.218	653.45	4.122	1.915	2.208	28.178	.483	5112.35
29	1083.50	1079.00	187.26	3.251	608.76	4.864	2.144	2.720	31.378	.524	5654.87
30	1079.00	1074.50	152.57	3.501	534.16	6.658	2.955	3.703	43.130	.627	7910.84
31	1074.50	1070.00	142.28	3.601	512.32	7.180	3.364	3.816	47.441	.694	7912.75
32	1070.00	1065.50	110.04	3.605	396.70	6.259	2.916	3.343	42.519	.800	4860.08
33	1065.50	1061.00	81.39	3.676	299.16	5.917	2.758	3.159	41.121	.806	3346.42
34	1061.00	1056.50	66.20	3.729	246.91	5.320	2.509	2.811	38.484	.881	2033.67
35	1056.50	1052.00	6.84	3.562	24.35	4.089	1.906	2.183	29.501	.832	132.80
36	1052.00	1047.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
37	1047.50	1043.00	.00	.000	.00	.000	.000	.000	.000	.000	.00
38	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.00

