

003357

**GRUM DEPOSIT
POLYGONAL RESERVE ESTIMATE
BENCHES 1216, 1210 AND 1204**

BENCH	CALCULATION	VOLUME	DENSITY	TONNES	%Pb+Zn	METAL
TOE=1216	G9108	211,580	3.231	683,600	7.731	52,849
	POLYGONAL	175,387	3.231	566,675	8.996	50,978
TOE=1210	G9108	197,710	3.218	636,170	7.831	49,818
	POLYGONAL	188,507	3.218	606,616	8.550	51,866
TOE=1204	G9108	184,530	3.253	600,340	8.097	48,610
	POLYGONAL	189,123	3.253	615,217	10.015	61,614
TOTAL	G9108	593,820	3.233	1,920,110	7.879	151,277
	POLYGONAL	553,017	3.234	1,788,508	9.195	164,458

%DIFFERENCE (G9108-POLYGONAL)/ G9108 * 100

TOE=1216	17.1	0.0	17.1	-16.4	3.5
TOE=1210	4.7	0.0	4.6	-9.2	-4.1
TOE=1204	-2.5	0.0	-2.5	-23.7	-26.8
TOTAL	6.9	-0.0	6.9	-16.7	-8.7

*NOTES All stated reserves are geological and include reserves inside and outside of pit limits.

SG of polygonal estimate assumed to be the same as G9108. Polygonal calculation completed in geomodel. Boundaries of polygons are perpendicular bisectors of lines drawn to nearby composites. Polygons clipped against ore boundary on each bench. Polygonal grades and tonnages are unadjusted.

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves

SURFACE GRID RECORD : 1 SURFACE TOPOGRAPHY (GEOMODEL - R and C)

BLOCKS USED :

COLUMNS 1 TO 127 ROWS 1 TO 109

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

BENCH	CREST TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	AVERAGE GRADES				
	[m]	[m]				[Pb+Zn%]	[Pb%]	[Zn%]	[Ag g/t]	[Au g/t]
1	1336.00	1330.00	.00	.000	.00	.000	.000	.000	.0	.000
2	1330.00	1324.00	.00	.000	.00	.000	.000	.000	.0	.000
3	1324.00	1318.00	.00	.000	.00	.000	.000	.000	.0	.000
4	1318.00	1312.00	.00	.000	.00	.000	.000	.000	.0	.000
5	1312.00	1306.00	.00	.000	.00	.000	.000	.000	.0	.000
6	1306.00	1300.00	.00	.000	.00	.000	.000	.000	.0	.000
7	1300.00	1294.00	.00	.000	.00	.000	.000	.000	.0	.000
8	1294.00	1288.00	.00	.000	.00	.000	.000	.000	.0	.000
9	1288.00	1282.00	.69	2.968	2.06	5.104	1.674	3.430	42.0	.447
10	1282.00	1276.00	.69	2.971	2.06	5.831	2.202	3.629	36.6	.449
11	1276.00	1270.00	1.39	3.001	4.16	5.167	2.083	3.085	31.6	.474
12	1270.00	1264.00	.69	2.916	2.02	5.010	1.476	3.534	42.2	.341
13	1264.00	1258.00	7.63	2.908	22.19	5.300	1.667	3.633	29.7	.528
14	1258.00	1252.00	29.83	2.897	86.40	5.811	1.817	3.994	33.3	.505
15	1252.00	1246.00	69.37	2.943	204.16	6.433	2.147	4.287	38.7	.486
16	1246.00	1240.00	104.75	2.990	313.19	7.239	2.558	4.682	44.3	.527
17	1240.00	1234.00	146.37	3.039	444.78	7.233	2.602	4.631	44.9	.554
18	1234.00	1228.00	179.67	3.079	553.27	7.570	2.761	4.809	47.0	.563
19	1228.00	1222.00	215.75	3.138	676.93	7.582	2.780	4.802	46.5	.603
20	1222.00	1216.00	211.58	3.231	683.60	7.731	2.801	4.930	46.8	.664
21	1216.00	1210.00	197.71	3.218	636.17	7.831	2.770	5.061	46.6	.689
22	1210.00	1204.00	184.53	3.253	600.34	8.097	2.877	5.221	48.6	.727
23	1204.00	1198.00	209.50	3.286	688.32	8.333	3.005	5.328	48.7	.753
24	1198.00	1192.00	231.70	3.346	775.29	8.450	3.062	5.388	50.8	.764
25	1192.00	1186.00	240.72	3.348	805.94	8.337	3.013	5.324	50.2	.690
26	1186.00	1180.00	223.38	3.335	745.02	8.100	2.941	5.159	49.6	.639
27	1180.00	1174.00	222.68	3.353	746.59	8.018	2.977	5.041	50.2	.633
28	1174.00	1168.00	261.53	3.355	877.40	7.948	2.951	4.997	48.6	.621
29	1168.00	1162.00	296.22	3.369	998.03	8.021	3.009	5.012	48.9	.635
30	1162.00	1156.00	280.26	3.463	970.46	8.564	3.219	5.345	49.8	.717
31	1156.00	1150.00	242.11	3.627	878.01	9.706	3.612	6.094	55.2	.829
32	1150.00	1144.00	262.23	3.682	965.44	9.748	3.683	6.065	56.5	.858
33	1144.00	1138.00	235.17	3.728	876.62	9.737	3.718	6.019	59.6	.942
34	1138.00	1132.00	199.79	3.736	746.38	9.830	3.752	6.078	59.9	.978
35	1132.00	1126.00	197.02	3.688	726.61	9.443	3.622	5.821	54.8	.882
36	1126.00	1120.00	215.05	3.654	785.76	8.744	3.347	5.396	50.5	.823
37	1120.00	1114.00	215.05	3.583	770.50	8.653	3.290	5.363	49.5	.790
38	1114.00	1108.00	212.97	3.628	772.72	8.854	3.350	5.504	49.0	.811

39	1108.00	1102.00	40.93	3.155	129.13	4.476	1.798	2.677	31.0	.767
40	1102.00	1096.00	32.60	3.218	104.93	4.523	1.774	2.748	30.9	.724
41	1096.00	1090.00	37.46	3.262	122.21	4.465	1.753	2.711	30.2	.776
42	1090.00	1084.00	36.77	3.432	126.17	4.475	1.793	2.682	31.0	.853
43	1084.00	1078.00	31.22	3.356	104.78	4.477	1.801	2.676	32.0	.876
44	1078.00	1072.00	26.36	3.266	86.09	4.467	1.727	2.740	32.7	.833
45	1072.00	1066.00	29.83	3.200	95.44	4.405	1.698	2.707	33.9	.773
46	1066.00	1060.00	40.93	3.412	139.66	4.429	1.814	2.615	34.4	.823
47	1060.00	1054.00	34.69	3.493	121.17	4.360	1.811	2.549	28.9	.811
48	1054.00	1048.00	26.36	3.578	94.33	4.385	1.868	2.517	30.4	.719
49	1048.00	1042.00	23.59	3.515	82.90	4.563	1.873	2.690	29.0	.637
50	1042.00	1036.00	21.51	3.480	74.85	4.661	1.971	2.690	34.3	.809
51	1036.00	1030.00	17.34	3.451	59.86	4.537	1.979	2.558	33.4	.875
52	1030.00	1024.00	20.81	3.661	76.19	4.574	2.175	2.399	34.1	.859
53	1024.00	1018.00	13.18	3.734	49.22	4.511	2.210	2.300	36.4	.962
54	1018.00	1012.00	18.04	3.661	66.03	4.598	2.085	2.514	33.1	.791
55	1012.00	1006.00	22.20	3.647	80.95	4.447	1.986	2.461	32.8	1.032
56	1006.00	1000.00	25.67	3.588	92.09	4.425	1.965	2.459	33.4	1.074
57	1000.00	994.00	10.41	3.452	35.92	4.469	1.955	2.515	29.0	.645
58	994.00	988.00	7.63	3.427	26.15	4.534	1.963	2.572	27.2	.282
59	988.00	982.00	6.24	3.695	23.07	4.440	2.137	2.303	26.4	.373
60	982.00	976.00	4.16	3.729	15.52	4.201	2.135	2.066	32.2	1.123
61	976.00	970.00	3.47	3.605	12.50	4.252	1.808	2.444	32.2	1.013
62	970.00	964.00	5.55	3.576	19.85	4.519	1.706	2.814	32.5	.977
63	964.00	958.00	3.47	3.633	12.60	4.751	1.827	2.925	32.2	.710
64	958.00	952.00	2.77	3.628	10.07	4.579	1.719	2.860	29.9	.712
65	952.00	946.00	3.47	3.425	11.88	4.372	1.566	2.806	30.1	1.033
66	946.00	940.00	9.02	3.728	33.62	4.447	1.910	2.537	31.0	1.004
67	940.00	934.00	5.55	4.008	22.24	4.381	1.966	2.415	32.0	.612
68	934.00	928.00	6.24	4.119	25.72	4.352	1.998	2.354	31.4	.496
69	928.00	922.00	4.16	4.070	16.94	4.443	2.086	2.357	30.6	.117
70	922.00	916.00	.69	4.090	2.84	4.724	2.295	2.429	31.5	.000

TOTAL FOR ALL BENCHES			1585.85	3.189	5056.64	4.528	1.745	2.784	29.6	.639
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves

SURFACE GRID RECORD : 1 SURFACE TOPOGRAPHY (GEOMODEL - R and C)

BLOCKS USED :

COLUMNS 1 TO 127 ROWS 1 TO 109

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST [m]	TOE [m]	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn%]	[Pb%]	[Zn%]	[Ag g/t]	[Au g/t]
1	1336.00	1330.00	61.16	2.527	154.56	.000	.000	.000	.0	.000
2	1330.00	1324.00	283.73	2.643	749.83	.000	.000	.000	.0	.000
3	1324.00	1318.00	738.36	2.643	1951.75	.000	.000	.000	.0	.000
4	1318.00	1312.00	1425.40	2.665	3798.81	.000	.000	.000	.0	.000
5	1312.00	1306.00	2192.44	2.690	5898.33	.000	.000	.000	.0	.000
6	1306.00	1300.00	3064.83	2.628	8054.28	.000	.000	.000	.0	.000
7	1300.00	1294.00	4405.54	2.530	11148.13	.000	.000	.000	.0	.000
8	1294.00	1288.00	4931.00	2.527	12461.59	.000	.000	.000	.0	.000
9	1288.00	1282.00	5554.72	2.531	14061.15	.003	.001	.002	.0	.000
10	1282.00	1276.00	6158.76	2.527	15564.72	.010	.003	.006	.1	.001
11	1276.00	1270.00	6883.94	2.516	17319.11	.015	.005	.010	.1	.001
12	1270.00	1264.00	7617.09	2.511	19126.23	.017	.005	.012	.1	.001
13	1264.00	1258.00	8190.38	2.515	20599.74	.023	.007	.016	.1	.002
14	1258.00	1252.00	8573.53	2.523	21632.85	.040	.012	.027	.2	.004
15	1252.00	1246.00	8913.32	2.535	22598.47	.070	.023	.047	.4	.006
16	1246.00	1240.00	9170.22	2.548	23361.83	.113	.039	.073	.7	.009
17	1240.00	1234.00	9307.65	2.564	23863.22	.157	.056	.100	1.0	.012
18	1234.00	1228.00	9384.21	2.580	24209.21	.201	.073	.128	1.3	.016
19	1228.00	1222.00	9447.36	2.598	24542.28	.230	.084	.146	1.4	.019
20	1222.00	1216.00	9499.76	2.623	24920.01	.233	.084	.149	1.4	.020
21	1216.00	1210.00	9543.71	2.648	25270.21	.224	.079	.145	1.3	.020
22	1210.00	1204.00	9574.60	2.666	25528.46	.228	.081	.147	1.4	.021
23	1204.00	1198.00	9593.00	2.681	25714.53	.258	.093	.165	1.5	.023
24	1198.00	1192.00	9601.44	2.696	25882.60	.279	.101	.178	1.7	.025
25	1192.00	1186.00	9602.48	2.712	26039.00	.285	.103	.182	1.7	.025
26	1186.00	1180.00	9602.48	2.720	26120.43	.261	.095	.167	1.6	.022
27	1180.00	1174.00	9602.48	2.721	26124.04	.257	.095	.162	1.6	.022
28	1174.00	1168.00	9602.48	2.722	26138.20	.285	.106	.179	1.8	.024
29	1168.00	1162.00	9602.48	2.725	26162.96	.319	.120	.199	2.0	.027
30	1162.00	1156.00	9602.48	2.729	26206.90	.344	.130	.214	2.0	.032
31	1156.00	1150.00	9602.48	2.733	26240.71	.368	.138	.230	2.1	.036
32	1150.00	1144.00	9602.48	2.737	26280.01	.394	.149	.245	2.3	.038
33	1144.00	1138.00	9602.48	2.736	26274.51	.373	.143	.231	2.3	.038
34	1138.00	1132.00	9602.48	2.734	26256.42	.342	.131	.211	2.1	.037
35	1132.00	1126.00	9602.48	2.731	26228.90	.325	.125	.199	1.9	.035
36	1126.00	1120.00	9602.48	2.730	26213.16	.319	.122	.197	1.9	.034
37	1120.00	1114.00	9602.48	2.728	26198.85	.305	.117	.189	1.8	.032
38	1114.00	1108.00	9602.48	2.729	26200.53	.310	.119	.191	1.8	.033

39	1108.00	1102.00	9602.48	2.730	26216.75	.317	.123	.194	1.9	.038
40	1102.00	1096.00	9602.48	2.730	26218.93	.310	.121	.189	1.9	.039
41	1096.00	1090.00	9602.48	2.730	26217.56	.300	.117	.183	1.8	.039
42	1090.00	1084.00	9602.48	2.731	26228.51	.302	.119	.183	1.8	.039
43	1084.00	1078.00	9602.48	2.732	26236.08	.299	.117	.181	1.8	.038
44	1078.00	1072.00	9602.48	2.728	26199.40	.259	.102	.158	1.6	.033
45	1072.00	1066.00	9602.48	2.722	26140.20	.198	.077	.122	1.2	.026
46	1066.00	1060.00	9602.48	2.719	26105.95	.157	.060	.097	1.0	.022
47	1060.00	1054.00	9602.48	2.719	26108.38	.154	.059	.095	1.0	.022
48	1054.00	1048.00	9602.48	2.720	26121.70	.173	.067	.106	1.1	.023
49	1048.00	1042.00	9602.48	2.722	26138.08	.179	.069	.110	1.1	.023
50	1042.00	1036.00	9602.48	2.720	26116.93	.154	.060	.094	1.0	.020
51	1036.00	1030.00	9602.48	2.717	26090.04	.129	.052	.077	.9	.017
52	1030.00	1024.00	9602.48	2.716	26083.16	.106	.045	.061	.7	.015
53	1024.00	1018.00	9602.48	2.718	26096.94	.100	.043	.058	.7	.017
54	1018.00	1012.00	9602.48	2.718	26100.83	.102	.042	.059	.7	.018
55	1012.00	1006.00	9602.48	2.716	26078.14	.087	.036	.051	.6	.015
56	1006.00	1000.00	9602.48	2.713	26047.95	.082	.034	.048	.6	.014
57	1000.00	994.00	9602.48	2.712	26038.91	.083	.034	.049	.5	.012
58	994.00	988.00	9602.48	2.712	26038.81	.093	.037	.057	.5	.009
59	988.00	982.00	9602.48	2.712	26043.99	.101	.038	.063	.6	.009
60	982.00	976.00	9602.48	2.712	26040.37	.091	.035	.056	.6	.008
61	976.00	970.00	9602.48	2.714	26063.63	.119	.045	.074	.8	.011
62	970.00	964.00	9602.48	2.718	26095.12	.144	.055	.088	.9	.016
63	964.00	958.00	9602.48	2.717	26094.22	.126	.050	.076	.8	.016
64	958.00	952.00	9602.48	2.715	26069.11	.101	.041	.060	.7	.012
65	952.00	946.00	9602.48	2.713	26051.07	.087	.035	.052	.6	.009
66	946.00	940.00	9602.48	2.713	26046.76	.084	.034	.050	.5	.009
67	940.00	934.00	9602.48	2.710	26023.21	.050	.021	.029	.4	.007
68	934.00	928.00	9602.48	2.708	25999.69	.034	.015	.019	.2	.004
69	928.00	922.00	9602.48	2.706	25984.93	.029	.013	.016	.2	.003
70	922.00	916.00	9602.48	2.704	25962.82	.014	.006	.008	.1	.001

TOTAL FOR ALL BENCHES 595830.80 2.686 1600195.00 .180 .069 .112 1.1 .019

IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves

SURFACE GRID RECORD : 1 SURFACE TOPOGRAPHY (GEOMODEL - R and C)

BLOCKS USED :

COLUMNS 1 TO 127 ROWS 1 TO 109

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

BENCH	CREST		TOE	VOLUME	DENSITY	TONNAGE	AVERAGE GRADES				
	[m]	[m]					[bcm x1000]	[tn/bcm]	[TONS x1000]	[Pb+Zn%]	[Pb%]
1	1336.00	1330.00		.00	.000	.00	.000	.000	.000	.0	.000
2	1330.00	1324.00		.00	.000	.00	.000	.000	.000	.0	.000
3	1324.00	1318.00		.00	.000	.00	.000	.000	.000	.0	.000
4	1318.00	1312.00		.00	.000	.00	.000	.000	.000	.0	.000
5	1312.00	1306.00		.00	.000	.00	.000	.000	.000	.0	.000
6	1306.00	1300.00		.00	.000	.00	.000	.000	.000	.0	.000
7	1300.00	1294.00		.00	.000	.00	.000	.000	.000	.0	.000
8	1294.00	1288.00		.00	.000	.00	.000	.000	.000	.0	.000
9	1288.00	1282.00		2.08	2.953	6.15	4.571	1.619	2.952	28.8	.432
10	1282.00	1276.00		8.32	2.970	24.73	4.583	1.609	2.974	33.2	.449
11	1276.00	1270.00		13.18	2.963	39.06	4.705	1.610	3.095	34.6	.447
12	1270.00	1264.00		19.42	2.906	56.45	4.623	1.493	3.130	31.8	.428
13	1264.00	1258.00		24.28	2.879	69.91	4.686	1.426	3.260	31.2	.420
14	1258.00	1252.00		22.20	2.883	63.99	4.750	1.457	3.293	30.1	.436
15	1252.00	1246.00		13.87	2.894	40.16	4.606	1.410	3.196	25.7	.480
16	1246.00	1240.00		19.42	2.880	55.95	4.571	1.537	3.034	28.3	.441
17	1240.00	1234.00		31.22	2.834	88.48	4.640	1.630	3.010	29.3	.401
18	1234.00	1228.00		42.32	2.854	120.75	4.636	1.615	3.021	28.7	.444
19	1228.00	1222.00		32.60	2.842	92.66	4.558	1.573	2.985	27.5	.421
20	1222.00	1216.00		33.30	2.864	95.36	4.537	1.586	2.950	27.9	.413
21	1216.00	1210.00		36.07	2.908	104.90	4.540	1.607	2.933	27.4	.454
22	1210.00	1204.00		64.52	2.943	189.90	4.653	1.699	2.954	28.4	.462
23	1204.00	1198.00		50.64	2.931	148.45	4.618	1.615	3.003	27.5	.393
24	1198.00	1192.00		36.07	2.953	106.52	4.528	1.593	2.935	27.3	.384
25	1192.00	1186.00		39.54	3.022	119.51	4.495	1.614	2.882	28.9	.470
26	1186.00	1180.00		33.99	3.034	103.14	4.594	1.605	2.989	28.2	.480
27	1180.00	1174.00		29.83	3.136	93.53	4.538	1.713	2.825	30.0	.473
28	1174.00	1168.00		20.81	3.064	63.77	4.544	1.702	2.841	30.4	.492
29	1168.00	1162.00		13.18	3.084	40.65	4.570	1.682	2.888	28.4	.552
30	1162.00	1156.00		31.91	3.324	106.09	4.630	1.785	2.845	29.8	.646
31	1156.00	1150.00		55.50	3.322	184.35	4.530	1.736	2.794	25.7	.692
32	1150.00	1144.00		35.38	3.293	116.52	4.521	1.712	2.809	26.1	.670
33	1144.00	1138.00		44.40	3.174	140.93	4.561	1.685	2.876	26.0	.553
34	1138.00	1132.00		58.97	3.174	187.18	4.480	1.685	2.795	27.1	.614
35	1132.00	1126.00		56.89	3.140	178.64	4.441	1.690	2.750	28.2	.667
36	1126.00	1120.00		60.35	3.064	184.90	4.589	1.767	2.821	29.2	.620
37	1120.00	1114.00		42.32	3.155	133.49	4.493	1.728	2.765	27.5	.679
38	1114.00	1108.00		40.93	3.069	125.59	4.516	1.850	2.667	29.1	.698

39	1108.00	1102.00	224.07	3.713	831.90	8.633	3.295	5.338	50.1	.919
40	1102.00	1096.00	223.38	3.739	835.14	8.576	3.311	5.266	50.6	.996
41	1096.00	1090.00	220.60	3.714	819.23	8.375	3.250	5.124	47.9	.997
42	1090.00	1084.00	206.03	3.747	772.03	8.698	3.389	5.309	51.7	.983
43	1084.00	1078.00	185.92	3.830	712.13	9.112	3.539	5.573	53.3	.987
44	1078.00	1072.00	159.56	3.850	614.31	9.084	3.532	5.552	51.8	.967
45	1072.00	1066.00	120.71	3.808	459.71	8.893	3.399	5.493	49.6	.934
46	1066.00	1060.00	83.25	3.857	321.09	8.990	3.393	5.597	53.8	.990
47	1060.00	1054.00	83.94	3.998	335.58	8.945	3.367	5.578	58.0	1.120
48	1054.00	1048.00	96.43	4.022	387.83	9.490	3.591	5.899	58.7	1.170
49	1048.00	1042.00	106.14	3.962	420.53	9.293	3.503	5.789	57.9	1.070
50	1042.00	1036.00	92.96	3.905	363.04	8.838	3.362	5.476	57.0	1.027
51	1036.00	1030.00	77.00	3.952	304.33	8.810	3.501	5.309	56.8	1.006
52	1030.00	1024.00	58.97	4.012	236.56	8.546	3.564	4.982	56.4	.999
53	1024.00	1018.00	59.66	3.983	237.63	8.065	3.344	4.720	56.8	1.146
54	1018.00	1012.00	60.35	3.936	237.56	7.799	3.156	4.643	55.9	1.238
55	1012.00	1006.00	46.48	3.896	181.07	7.681	3.110	4.572	51.6	1.187
56	1006.00	1000.00	43.01	3.850	165.60	8.041	3.264	4.777	54.0	1.161
57	1000.00	994.00	50.64	3.871	196.02	8.632	3.469	5.163	55.2	1.107
58	994.00	988.00	54.80	3.921	214.91	9.877	3.797	6.080	53.1	.882
59	988.00	982.00	58.27	4.023	234.42	10.125	3.742	6.383	55.4	.749
60	982.00	976.00	49.95	4.122	205.86	10.345	3.819	6.526	62.6	.759
61	976.00	970.00	66.60	4.171	277.75	10.382	3.896	6.485	65.2	.819
62	970.00	964.00	81.17	4.217	342.24	9.853	3.735	6.118	63.0	.945
63	964.00	958.00	73.53	4.245	312.16	9.047	3.520	5.527	57.2	1.004
64	958.00	952.00	63.82	4.239	270.57	8.609	3.468	5.141	54.3	.867
65	952.00	946.00	61.05	4.184	255.43	8.159	3.256	4.904	52.1	.750
66	946.00	940.00	60.35	4.090	246.86	7.646	3.034	4.611	49.1	.743
67	940.00	934.00	32.60	4.122	134.41	6.970	2.848	4.122	47.2	.854
68	934.00	928.00	23.59	4.096	96.62	6.501	2.773	3.728	42.5	.765
69	928.00	922.00	22.89	4.121	94.33	6.469	2.871	3.598	42.3	.671
70	922.00	916.00	11.10	4.207	46.70	7.037	3.052	3.984	47.2	.429

TOTAL FOR ALL BENCHES			7954.89	3.586	28523.99	8.605	3.250	5.355	51.7	.828
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IN-SITU ORE RESERVE EVALUATION

DESCRIPTION : Geological Reserves

SURFACE GRID RECORD : 1 SURFACE TOPOGRAPHY (GEOMODEL - R and C)

BLOCKS USED :

COLUMNS 1 TO 127 ROWS 1 TO 109

BENCH TOTALS FOR WASTE FROM .0000 [Pb+Zn%] TO 4.0000 [Pb+Zn%]

BENCH	CREST [m]	TOE [m]	VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [TONS x1000]	A V E R A G E G R A D E S				
						[Pb+Zn%]	[Pb%]	[Zn%]	[Ag g/t]	[Au g/t]
1	1336.00	1330.00	61.16	2.527	154.56	.000	.000	.000	.0	.000
2	1330.00	1324.00	283.73	2.643	749.83	.000	.000	.000	.0	.000
3	1324.00	1318.00	738.36	2.643	1951.75	.000	.000	.000	.0	.000
4	1318.00	1312.00	1425.40	2.665	3798.81	.000	.000	.000	.0	.000
5	1312.00	1306.00	2192.44	2.690	5898.33	.000	.000	.000	.0	.000
6	1306.00	1300.00	3064.83	2.628	8054.28	.000	.000	.000	.0	.000
7	1300.00	1294.00	4405.54	2.530	11148.13	.000	.000	.000	.0	.000
8	1294.00	1288.00	4931.00	2.527	12461.59	.000	.000	.000	.0	.000
9	1288.00	1282.00	5551.95	2.531	14052.95	.000	.000	.000	.0	.000
10	1282.00	1276.00	6149.75	2.527	15537.93	.002	.001	.001	.0	.000
11	1276.00	1270.00	6869.37	2.515	17275.89	.003	.001	.002	.0	.000
12	1270.00	1264.00	7596.98	2.510	19067.76	.003	.001	.002	.0	.000
13	1264.00	1258.00	8158.48	2.514	20507.63	.001	.000	.001	.0	.000
14	1258.00	1252.00	8521.48	2.521	21482.44	.002	.001	.002	.0	.000
15	1252.00	1246.00	8830.05	2.532	22354.10	.004	.001	.003	.0	.001
16	1246.00	1240.00	9046.00	2.542	22992.62	.005	.002	.003	.0	.001
17	1240.00	1234.00	9129.99	2.555	23329.80	.005	.002	.003	.0	.001
18	1234.00	1228.00	9162.14	2.569	23535.00	.005	.002	.003	.0	.001
19	1228.00	1222.00	9198.92	2.584	23772.45	.003	.001	.002	.0	.000
20	1222.00	1216.00	9254.78	2.608	24140.77	.003	.001	.002	.0	.000
21	1216.00	1210.00	9309.84	2.635	24528.86	.008	.003	.005	.1	.001
22	1210.00	1204.00	9325.45	2.653	24737.88	.003	.001	.002	.0	.000
23	1204.00	1198.00	9332.75	2.666	24877.37	.008	.003	.005	.1	.001
24	1198.00	1192.00	9333.56	2.679	25000.34	.008	.003	.005	.0	.001
25	1192.00	1186.00	9322.11	2.694	25113.06	.006	.002	.004	.0	.001
26	1186.00	1180.00	9345.01	2.704	25271.81	.012	.005	.008	.1	.002
27	1180.00	1174.00	9349.87	2.704	25283.46	.012	.004	.008	.1	.002
28	1174.00	1168.00	9320.03	2.703	25196.54	.007	.002	.005	.1	.002
29	1168.00	1162.00	9292.96	2.704	25123.74	.006	.002	.004	.1	.002
30	1162.00	1156.00	9290.18	2.705	25129.80	.008	.003	.005	.1	.003
31	1156.00	1150.00	9304.76	2.706	25177.81	.012	.005	.007	.1	.003
32	1150.00	1144.00	9304.76	2.708	25197.50	.017	.007	.010	.1	.004
33	1144.00	1138.00	9322.80	2.709	25256.44	.025	.010	.015	.1	.004
34	1138.00	1132.00	9343.62	2.710	25322.37	.032	.013	.019	.2	.005
35	1132.00	1126.00	9348.48	2.709	25323.18	.034	.014	.020	.2	.006
36	1126.00	1120.00	9326.96	2.706	25242.00	.026	.010	.016	.2	.005
37	1120.00	1114.00	9345.01	2.707	25294.37	.029	.012	.017	.2	.006
38	1114.00	1108.00	9348.48	2.707	25301.74	.028	.012	.016	.2	.006

39	1108.00	1102.00	9337.38	2.705	25255.20	.022	.010	.012	.2	.005
40	1102.00	1096.00	9346.40	2.705	25278.36	.020	.009	.011	.1	.005
41	1096.00	1090.00	9344.32	2.705	25275.61	.018	.008	.011	.1	.005
42	1090.00	1084.00	9359.58	2.706	25329.83	.025	.011	.015	.2	.006
43	1084.00	1078.00	9385.26	2.708	25418.73	.035	.015	.020	.3	.008
44	1078.00	1072.00	9416.49	2.708	25498.64	.033	.014	.019	.3	.007
45	1072.00	1066.00	9451.88	2.707	25584.76	.026	.011	.016	.2	.006
46	1066.00	1060.00	9478.26	2.706	25644.95	.023	.009	.014	.2	.005
47	1060.00	1054.00	9483.81	2.705	25651.39	.020	.008	.012	.2	.004
48	1054.00	1048.00	9479.64	2.705	25639.28	.016	.007	.009	.1	.004
49	1048.00	1042.00	9472.71	2.706	25634.39	.016	.007	.009	.1	.003
50	1042.00	1036.00	9487.97	2.706	25678.81	.018	.008	.010	.1	.004
51	1036.00	1030.00	9508.10	2.706	25725.65	.016	.007	.009	.1	.004
52	1030.00	1024.00	9522.67	2.706	25770.24	.016	.006	.009	.1	.003
53	1024.00	1018.00	9529.61	2.708	25809.94	.019	.008	.011	.1	.004
54	1018.00	1012.00	9524.06	2.709	25797.07	.019	.009	.011	.2	.004
55	1012.00	1006.00	9533.78	2.708	25815.97	.020	.009	.012	.1	.004
56	1006.00	1000.00	9533.78	2.705	25790.12	.015	.007	.009	.1	.003
57	1000.00	994.00	9541.41	2.705	25806.84	.012	.005	.007	.1	.003
58	994.00	988.00	9540.02	2.704	25797.62	.007	.003	.004	.1	.002
59	988.00	982.00	9537.94	2.704	25786.35	.006	.003	.003	.1	.002
60	982.00	976.00	9548.35	2.704	25818.87	.007	.003	.004	.1	.002
61	976.00	970.00	9532.39	2.704	25773.22	.007	.003	.003	.1	.001
62	970.00	964.00	9515.73	2.704	25732.84	.011	.005	.006	.1	.003
63	964.00	958.00	9525.45	2.705	25769.27	.015	.007	.008	.1	.004
64	958.00	952.00	9535.86	2.704	25788.32	.010	.005	.005	.1	.002
65	952.00	946.00	9537.94	2.703	25783.61	.005	.002	.003	.0	.001
66	946.00	940.00	9533.08	2.703	25766.13	.005	.003	.003	.0	.001
67	940.00	934.00	9564.31	2.704	25866.47	.010	.005	.005	.1	.002
68	934.00	928.00	9572.64	2.703	25877.28	.006	.003	.003	.1	.001
69	928.00	922.00	9575.42	2.702	25873.59	.002	.001	.001	.0	.000
70	922.00	916.00	9590.68	2.702	25913.26	.001	.001	.001	.0	.000

TOTAL FOR ALL BENCHES			586285.90	2.672	1566597.00	.013	.005	.008	.1	.003
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POLYGON DATA FOR PLANVIEW 1216

POL#	MATERIAL	HOLE ID	1	DENSITY	AREA	THICKNESS	VOLUME	TONNAGE	RESERVES
2	1	AGA045	8.8100	3.0000	87.3	6.00	523.7	1571.1	13841.4
3	1	91G07	7.0400	3.0000	397.0	6.00	2381.7	7145.2	50302.2
4	1	AGA121	14.1100	3.0000	236.6	6.00	1419.6	4258.8	60091.8
6	1	AGA142	7.2500	3.0000	1097.0	6.00	6582.2	19746.7	143163.9
7	1	AGA013	8.4100	3.0000	1068.3	6.00	6410.0	19229.9	161723.5
8	1	AGA213	8.2400	3.0000	863.1	6.00	5178.5	15535.6	128013.0
9	1	AGA026	10.8200	3.0000	467.4	6.00	2804.4	8413.2	91030.9
10	1	AGA211	13.4700	3.0000	491.4	6.00	2948.2	8844.7	119138.1
11	1	89G-34	16.5800	3.0000	244.0	6.00	1463.8	4391.5	72811.7
13	1	91G38	8.3200	3.0000	537.8	6.00	3226.9	9680.8	80544.6
14	1	AGA070	7.5900	3.0000	470.7	6.00	2824.2	8472.6	64306.7
15	1	87G-06	6.5900	3.0000	525.9	6.00	3155.1	9465.4	62376.7
16	1	AGA073	10.7100	3.0000	724.8	6.00	4349.1	13047.2	139735.5
17	1	87G-11	11.2100	3.0000	703.6	6.00	4221.4	12664.2	141966.1
18	1	AGU132	5.1800	3.0000	741.2	6.00	4447.2	13341.7	69109.9
19	1	91G14	8.2400	3.0000	1085.2	6.00	6511.5	19534.4	160963.6
20	1	AGA078	10.2800	3.0000	707.4	6.00	4244.3	12732.9	130894.3
21	1	91G04	18.4500	3.0000	428.2	6.00	2569.2	7707.5	142202.9
24	1	AGA090	8.4600	3.0000	602.2	6.00	3613.3	10839.8	91704.4
25	1	87G-09	7.1100	3.0000	526.2	6.00	3157.0	9471.1	67339.6
27	1	91G18	6.0000	3.0000	825.4	6.00	4952.6	14857.9	89147.5
28	1	AGU179	7.6800	3.0000	758.9	6.00	4553.4	13660.3	104911.1
29	1	AGA107	11.1600	3.0000	690.1	6.00	4140.6	12421.8	138627.3
30	1	91G45	8.4200	3.0000	473.9	6.00	2843.5	8530.4	71825.6
31	1	AGA124	8.3800	3.0000	840.8	6.00	5044.8	15134.4	126826.3
32	1	89G-09	5.2400	3.0000	580.8	6.00	3484.9	10454.7	54782.5
33	1	AGA237	7.3900	3.0000	1124.7	6.00	6748.0	20244.0	149603.1
34	1	AGA127	6.0700	3.0000	2293.3	6.00	13759.9	41279.8	250568.7
35	1	89G-10	6.7000	3.0000	791.1	6.00	4746.4	14239.1	95402.1
38	1	AGA140	9.4800	3.0000	1309.2	6.00	7855.2	23565.5	223401.1
40	1	AGA141	14.0200	3.0000	371.4	6.00	2228.4	6685.2	93727.2
41	1	AGA155	12.0900	3.0000	613.6	6.00	3681.5	11044.4	133526.8
42	1	91G39	14.4800	3.0000	416.7	6.00	2500.5	7501.5	108621.6
43	1	AGA214	15.1800	3.0000	821.3	6.00	4927.8	14783.5	224413.7
47	1	91G41	5.5000	3.0000	382.2	6.00	2293.3	6879.9	37839.3
48	1	87G-07	5.3800	3.0000	382.3	6.00	2293.5	6880.6	37017.6
49	1	89G-18	5.8200	3.0000	569.1	6.00	3414.7	10244.0	59620.1
50	1	91G32	8.1500	3.0000	526.7	6.00	3160.4	9481.3	77272.5

52	1	AGU191	11.6200	3.0000	446.8	6.00	2681.0	8042.9	93457.9
53	1	87G-04	6.2600	3.0000	340.0	6.00	2039.9	6119.8	38310.0
56	1	91G47	14.8900	3.0000	460.9	6.00	2765.7	8297.1	123543.6
57	1	91G37	6.4100	3.0000	424.3	6.00	2546.0	7637.9	48959.1
58	1	87G-05	20.0800	3.0000	566.0	6.00	3396.3	10188.8	204590.2
59	1	87G-12	8.5700	3.0000	484.6	6.00	2907.5	8722.4	74750.8
61	1	87G-13	8.4500	3.0000	242.9	6.00	1457.6	4372.8	36950.5
62	1	88G-04	5.0700	3.0000	488.7	6.00	2932.3	8796.9	44600.2

SUMMARY FOR PLANVIEW 1216 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5
TOTAL :	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5

SUMMARY FOR SERIES 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5
TOTAL :	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5

SUMMARY FOR PROPERTY GRUM DEPOSIT 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5

TOTAL :	3.0000	29231.2	175387.1	526161.2	8.9964	4733557.5

Note: RESERVES = (1 * TONNAGE)

POLYGON DATA FOR PLANVIEW 1210

POL#	MATERIAL	HOLE ID	↑	DENSITY	AREA	THICKNESS	VOLUME	TONNAGE	RESERVES
2	1	91G32	5.1500	3.0000	577.4	6.00	3464.3	10392.8	53523.0
3	1	AGA200	11.1200	3.0000	343.7	6.00	2062.2	6186.6	68795.3
6	1	AGA008	6.6000	3.0000	1410.1	6.00	8460.8	25382.4	167523.8
8	1	AGA228	7.0700	3.0000	1001.9	6.00	6011.7	18035.1	127508.1
9	1	AGA237	5.1300	3.0000	828.2	6.00	4969.1	14907.3	76474.5
10	1	91G20	7.1200	3.0000	748.3	6.00	4489.6	13468.8	95897.8
12	1	AGA026	18.9100	3.0000	384.5	6.00	2307.2	6921.5	130884.6
13	1	AGA211	14.4000	3.0000	491.5	6.00	2949.1	8847.4	127402.3
14	1	89G-34	10.3200	3.0000	235.4	6.00	1412.4	4237.1	43727.4
15	1	91G51	10.6400	3.0000	647.4	6.00	3884.3	11652.8	123985.8
16	1	91G35	11.3300	3.0000	466.8	6.00	2800.8	8402.5	95199.8
17	1	91G38	8.3500	3.0000	506.1	6.00	3036.7	9110.1	76069.4
21	1	AGA090	6.9600	3.0000	630.7	6.00	3784.0	11352.0	79010.0
22	1	87G-09	7.0600	3.0000	478.6	6.00	2871.8	8615.4	60825.0
23	1	91G14	9.7100	3.0000	1080.5	6.00	6482.9	19448.6	188846.0
24	1	AGA073	6.0000	3.0000	686.4	6.00	4118.3	12354.9	74129.4
25	1	87G-11	6.2200	3.0000	489.3	6.00	2935.7	8807.2	54780.9
26	1	91G12	5.3700	3.0000	909.1	6.00	5454.7	16364.1	87875.4
27	1	AGU132	5.6300	3.0000	683.8	6.00	4102.9	12308.8	69298.8
28	1	87G-10	9.4500	3.0000	457.0	6.00	2742.3	8226.9	77744.2
29	1	91G18	8.9600	3.0000	875.1	6.00	5250.9	15752.6	141143.4
30	1	AGA107	17.1900	3.0000	607.2	6.00	3643.0	10929.1	187870.4
31	1	91G39	20.8400	3.0000	452.0	6.00	2711.8	8135.3	169539.8
32	1	AGU179	8.7300	3.0000	579.7	6.00	3478.1	10434.3	91091.2
35	1	AGA124	7.3600	3.0000	901.2	6.00	5407.5	16222.5	119397.5
37	1	89G-12	8.1800	3.0000	1489.8	6.00	8938.7	26816.2	219356.3
39	1	AGA127	5.2800	3.0000	3633.0	6.00	21797.8	65393.5	345277.4
40	1	89G-13	6.3600	3.0000	1097.5	6.00	6584.9	19754.6	125639.3
42	1	AGU027	9.3100	3.0000	404.2	6.00	2425.3	7275.9	67738.5
43	1	AGU206	12.9300	3.0000	854.1	6.00	5124.9	15374.6	198793.0
44	1	AGA134	11.4600	3.0000	704.8	6.00	4228.5	12685.6	145377.4
46	1	AGA141	8.5300	3.0000	368.6	6.00	2211.7	6635.2	56598.4
47	1	88G-01	6.6900	3.0000	420.1	6.00	2520.5	7561.5	50586.4
54	1	91G07	8.1700	3.0000	370.9	6.00	2225.2	6675.6	54540.0
55	1	89G-18	6.2000	3.0000	487.5	6.00	2924.7	8774.2	54399.8
57	1	91G49	17.4300	3.0000	291.2	6.00	1747.4	5242.3	91373.5
61	1	91G47	10.6200	3.0000	455.6	6.00	2733.5	8200.5	87089.5
62	1	91G37	5.1500	3.0000	420.6	6.00	2523.6	7570.9	38990.1

63	1	87G-07	7.4400	3.0000	520.9	6.00	3125.3	9376.0	69757.8
68	1	87G-03	13.6100	3.0000	444.6	6.00	2667.5	8002.4	108912.5
69	1	87G-05	22.4100	3.0000	390.7	6.00	2343.9	7031.7	157581.2
70	1	91G48	9.3900	3.0000	601.9	6.00	3611.7	10835.0	101740.2
72	1	91G22	5.5100	3.0000	954.9	6.00	5729.3	17187.9	94705.1
74	1	87G-13	7.3900	3.0000	323.8	6.00	1942.9	5828.6	43073.5
76	1	91G04	10.5600	3.0000	711.2	6.00	4267.2	12801.7	135185.8

SUMMARY FOR PLANVIEW 1210 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

TOTAL :	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

SUMMARY FOR SERIES 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

TOTAL :	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

SUMMARY FOR PROPERTY GRUM DEPOSIT 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

TOTAL :	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

Note: RESERVES = (1 * TONNAGE)

POLYGON DATA FOR PLANVIEW 1204

POL#	MATERIAL	HOLE ID	1	DENSITY	AREA	THICKNESS	VOLUME	TONNAGE	RESERVES
2	1	91G29	7.9500	3.0000	1025.8	6.00	6155.1	18465.2	146798.6
4	1	AGA026	10.2700	3.0000	372.4	6.00	2234.3	6702.9	68839.0
5	1	AGA211	16.6700	3.0000	579.3	6.00	3476.0	10428.1	173836.0
6	1	89G-34	19.2700	3.0000	228.6	6.00	1371.3	4114.0	79276.9
7	1	AGA210	14.5100	3.0000	348.0	6.00	2087.9	6263.8	90887.1
8	1	91G51	17.4900	3.0000	350.0	6.00	2100.2	6300.7	110199.3
15	1	AGA212	15.9100	3.0000	388.2	6.00	2329.3	6987.8	111175.5
16	1	AGA073	10.3600	3.0000	712.4	6.00	4274.5	12823.4	132850.0
18	1	91G12	7.4900	3.0000	810.1	6.00	4860.7	14582.1	109219.8
19	1	91G14	11.7700	3.0000	712.3	6.00	4273.9	12821.8	150912.4
20	1	AGU132	6.5100	3.0000	646.3	6.00	3877.8	11633.4	75733.3
21	1	AGA075	5.8100	3.0000	488.1	6.00	2928.4	8785.2	51041.8
23	1	91G02	6.3000	3.0000	1050.5	6.00	6303.1	18909.3	119128.8
25	1	AGA079	6.2400	3.0000	831.9	6.00	4991.2	14973.7	93435.8
26	1	87G-15	5.1500	3.0000	652.7	6.00	3916.0	11748.0	60502.0
28	1	AGA089	5.4600	3.0000	1266.2	6.00	7597.5	22792.4	124446.7
30	1	AGA156	6.3200	3.0000	1446.7	6.00	8679.9	26039.7	164571.1
31	1	AGA090	6.9300	3.0000	593.1	6.00	3558.9	10676.6	73988.6
32	1	87G-09	11.5200	3.0000	327.2	6.00	1963.5	5890.5	67858.5
33	1	87G-10	6.3900	3.0000	498.9	6.00	2993.3	8980.0	57381.9
34	1	91G18	6.7700	3.0000	876.9	6.00	5261.1	15783.4	106853.7
35	1	AGA107	16.5900	3.0000	671.4	6.00	4028.3	12085.0	200490.5
37	1	AGA209	12.6100	3.0000	988.8	6.00	5932.7	17798.0	224432.9
41	1	AGA124	5.7500	3.0000	883.4	6.00	5300.4	15901.1	91431.5
44	1	89G-12	6.3200	3.0000	1415.4	6.00	8492.2	25476.6	161012.3
46	1	AGA127	5.1500	3.0000	2977.0	6.00	17861.8	53585.3	275964.2
48	1	AGA132	11.6800	3.0000	369.1	6.00	2214.3	6642.9	77589.2
49	1	AGU027	12.3600	3.0000	257.4	6.00	1544.4	4633.3	57267.6
50	1	87G-14	10.4600	3.0000	406.9	6.00	2441.5	7324.6	76615.4
53	1	88G-05	13.8500	3.0000	1000.2	6.00	6001.3	18003.9	249354.3
54	1	88G-04	10.9200	3.0000	386.9	6.00	2321.5	6964.4	76051.0
55	1	91G52	7.7700	3.0000	429.5	6.00	2576.9	7730.8	60068.1
56	1	89G-35	13.8200	3.0000	150.2	6.00	901.3	2703.8	37365.9
57	1	91G39	17.0000	3.0000	459.6	6.00	2757.5	8272.6	140634.4
60	1	AGA237	10.2800	3.0000	475.2	6.00	2851.2	8553.5	87929.7
63	1	87G-07	8.8300	3.0000	464.9	6.00	2789.5	8368.4	73893.4
64	1	91G41	14.4300	3.0000	689.9	6.00	4139.5	12418.6	179200.2
65	1	91G09	7.4000	3.0000	677.4	6.00	4064.2	12192.5	90224.8

67	1	91G47	11.6900	3.0000	440.5	6.00	2642.7	7928.2	92680.7
68	1	AGU167	16.9100	3.0000	501.3	6.00	3007.6	9022.9	152577.8
69	1	91G37	5.0400	3.0000	338.1	6.00	2028.9	6086.7	30676.8
70	1	91G49	18.4200	3.0000	551.3	6.00	3307.6	9922.9	182779.6
71	1	87G-03	14.6300	3.0000	284.8	6.00	1708.6	5125.7	74988.7
72	1	87G-05	17.9400	3.0000	478.0	6.00	2868.3	8604.9	154371.4
73	1	91G48	21.4600	3.0000	976.9	6.00	5861.5	17584.6	377365.6
75	1	89G-29	12.0500	3.0000	518.5	6.00	3111.1	9333.4	112467.5
76	1	91G31	18.6900	3.0000	522.4	6.00	3134.2	9402.7	175737.0

 SUMMARY FOR PLANVIEW 1204 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	31520.5	189123.1	567369.2	10.0148	5682107.4

TOTAL :	3.0000	31520.5	189123.1	567369.2	10.0148	5682107.4

 POLYGON DATA FOR PLANVIEW 1210

POL#	MATERIAL	HOLE ID	1	DENSITY	AREA	THICKNESS	VOLUME	TONNAGE	RESERVES
2	1	91G32	5.1500	3.0000	577.4	6.00	3464.3	10392.8	53523.0
3	1	AGA200	11.1200	3.0000	343.7	6.00	2062.2	6186.6	68795.3
6	1	AGA008	6.6000	3.0000	1410.1	6.00	8460.8	25382.4	167523.8
8	1	AGA228	7.0700	3.0000	1001.9	6.00	6011.7	18035.1	127508.1
9	1	AGA237	5.1300	3.0000	828.2	6.00	4969.1	14907.3	76474.5
10	1	91G20	7.1200	3.0000	748.3	6.00	4489.6	13468.8	95897.8
12	1	AGA026	18.9100	3.0000	384.5	6.00	2307.2	6921.5	130884.6
13	1	AGA211	14.4000	3.0000	491.5	6.00	2949.1	8847.4	127402.3
14	1	89G-34	10.3200	3.0000	235.4	6.00	1412.4	4237.1	43727.4
15	1	91G51	10.6400	3.0000	647.4	6.00	3884.3	11652.8	123985.8
16	1	91G35	11.3300	3.0000	466.8	6.00	2800.8	8402.5	95199.8
17	1	91G38	8.3500	3.0000	506.1	6.00	3036.7	9110.1	76069.4
21	1	AGA090	6.9600	3.0000	630.7	6.00	3784.0	11352.0	79010.0
22	1	87G-09	7.0600	3.0000	478.6	6.00	2871.8	8615.4	60825.0
23	1	91G14	9.7100	3.0000	1080.5	6.00	6482.9	19448.6	188846.0
24	1	AGA073	6.0000	3.0000	686.4	6.00	4118.3	12354.9	74129.4
25	1	87G-11	6.2200	3.0000	489.3	6.00	2935.7	8807.2	54780.9
26	1	91G12	5.3700	3.0000	909.1	6.00	5454.7	16364.1	87875.4

27	1	AGU132	5.6300	3.0000	683.8	6.00	4102.9	12308.8	69298.8
28	1	87G-10	9.4500	3.0000	457.0	6.00	2742.3	8226.9	77744.2
29	1	91G18	8.9600	3.0000	875.1	6.00	5250.9	15752.6	141143.4
30	1	AGA107	17.1900	3.0000	607.2	6.00	3643.0	10929.1	187870.4
31	1	91G39	20.8400	3.0000	452.0	6.00	2711.8	8135.3	169539.8
32	1	AGU179	8.7300	3.0000	579.7	6.00	3478.1	10434.3	91091.2
35	1	AGA124	7.3600	3.0000	901.2	6.00	5407.5	16222.5	119397.5
37	1	89G-12	8.1800	3.0000	1489.8	6.00	8938.7	26816.2	219356.3
39	1	AGA127	5.2800	3.0000	3633.0	6.00	21797.8	65393.5	345277.4
40	1	89G-13	6.3600	3.0000	1097.5	6.00	6584.9	19754.6	125639.3
42	1	AGU027	9.3100	3.0000	404.2	6.00	2425.3	7275.9	67738.5
43	1	AGU206	12.9300	3.0000	854.1	6.00	5124.9	15374.6	198793.0
44	1	AGA134	11.4600	3.0000	704.8	6.00	4228.5	12685.6	145377.4
46	1	AGA141	8.5300	3.0000	368.6	6.00	2211.7	6635.2	56598.4
47	1	88G-01	6.6900	3.0000	420.1	6.00	2520.5	7561.5	50586.4
54	1	91G07	8.1700	3.0000	370.9	6.00	2225.2	6675.6	54540.0
55	1	89G-18	6.2000	3.0000	487.5	6.00	2924.7	8774.2	54399.8
57	1	91G49	17.4300	3.0000	291.2	6.00	1747.4	5242.3	91373.5
61	1	91G47	10.6200	3.0000	455.6	6.00	2733.5	8200.5	87089.5
62	1	91G37	5.1500	3.0000	420.6	6.00	2523.6	7570.9	38990.1
63	1	87G-07	7.4400	3.0000	520.9	6.00	3125.3	9376.0	69757.8
68	1	87G-03	13.6100	3.0000	444.6	6.00	2667.5	8002.4	108912.5
69	1	87G-05	22.4100	3.0000	390.7	6.00	2343.9	7031.7	157581.2
70	1	91G48	9.3900	3.0000	601.9	6.00	3611.7	10835.0	101740.2
72	1	91G22	5.5100	3.0000	954.9	6.00	5729.3	17187.9	94705.1
74	1	87G-13	7.3900	3.0000	323.8	6.00	1942.9	5828.6	43073.5
76	1	91G04	10.5600	3.0000	711.2	6.00	4267.2	12801.7	135185.8

SUMMARY FOR PLANVIEW 1210 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

TOTAL :	3.0000	31417.8	188506.7	565520.0	8.5501	4835259.5

SUMMARY FOR SERIES 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	62938.3	377629.7	1132889.2	9.2837	10517366.9

TOTAL : 3.0000 62938.3 377629.7 1132889.2 9.2837 10517366.9

SUMMARY FOR PROPERTY GRUM DEPOSIT 1 CUTOFF = 5.000

MATERIAL	DENS	AREA	VOLUME	TONNAGE	1	RESERVES
1	3.0000	62938.3	377629.7	1132889.2	9.2837	10517366.9

TOTAL :	3.0000	62938.3	377629.7	1132889.2	9.2837	10517366.9

Note: RESERVES = (1 * TONNAGE)

