

CURRASH RESOURCES INC.
GRUM QUICK SINK PIT RESERVES FROM THE 69108 BLOCK MODEL

003310

SEPTEMBER 30, 1991

QUICK SINK "A" GRUM PIT - WITHIN THE STAGE I PIT

HIGH GRADE + 5% Pb+Zn									MEDIUM GRADE 4 - 5 % Pb+Zn								SULFIDE WASTE			OVER BURDEN			PHYLLITE WASTE			TOTAL MATERIAL			STRIPPING RATIO			
BENCH	VOLUME	DENS	TONNAGE	Pb+Zn	ZPb	ZZn	Ag	Au	VOLUME	DENS	TONNAGE	Pb+Zn	ZPb	ZZn	Ag	Au	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	
1300	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	10	2.2	30	0	0	0	10	3.00	30	N/A			
1294	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	50380	2.2	110830	0	0	0	50380	2.20	110830	N/A			
1288	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	205190	2.2	451420	970	2.7	2620	206160	2.20	454040	N/A			
1282	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	357500	2.2	786500	18660	2.7	50370	376160	2.22	836870	N/A			
1276	0	0.00	0	0.00	0.00	0.00	0	0.00	1539	2.97	4572	4.53	1.54	2.99	11	0.14	524	2.84	1487	490650	2.2	1079450	111950	2.7	302280	604663	2.30	1387789	302.5			
1270	0	0.00	0	0.00	0.00	0.00	0	0.00	3816	2.95	11259	4.74	1.46	3.28	12	0.14	7322	2.79	20416	614960	2.2	1352930	275710	2.7	744410	901808	2.36	2129015	188.1			
1264	621	2.93	1818	5.01	1.48	3.53	42	0.34	6849	2.84	19485	4.55	1.40	3.15	9	0.13	6297	2.76	17390	481880	2.2	1060140	324300	2.7	875620	819947	2.41	1974453	91.7			
1258	4995	2.90	14472	5.38	1.71	3.67	28	0.58	12528	2.85	35667	4.71	1.46	3.24	9	0.14	3442	2.84	9764	338220	2.2	744080	398930	2.7	1077110	758115	2.48	1881093	36.5			
1252	21321	2.89	61677	5.88	1.86	4.02	33	0.53	7488	2.87	21474	4.76	1.44	3.31	8	0.16	8431	3.01	25365	181720	2.2	399770	391240	2.7	1056360	610200	2.56	1564646	17.8			
1246	36999	2.97	109953	6.74	2.26	4.48	41	0.52	9990	2.88	28782	4.57	1.40	3.18	8	0.15	13719	3.01	41234	99300	2.2	218450	360780	2.7	974120	520788	2.64	1372539	8.9			
1240	57429	3.05	175158	7.69	2.65	5.04	46	0.58	8676	2.88	25011	4.64	1.52	3.12	8	0.15	14301	3.09	44147	46040	2.2	101290	318740	2.7	860600	445186	2.71	1206206	5.0			
1234	75231	3.06	229887	7.29	2.52	4.77	43	0.57	4428	2.91	12870	4.62	1.62	3.00	9	0.15	9956	3.18	31696	4320	2.2	9510	286130	2.7	772560	380065	2.78	1056523	3.4			
1228	68958	3.04	209313	7.06	2.43	4.64	41	0.54	621	3.01	1872	4.46	1.43	3.03	8	0.13	7708	3.13	24119	0	0	0	194910	2.7	526250	272197	2.80	761554	2.6			
1222	71028	3.04	216261	7.26	2.50	4.76	42	0.55	0	0.00	0	0.00	0.00	0.00	0	0.00	7103	3.04	21626	0	0	0	141580	2.7	382270	219711	2.82	620157	1.9			
1216	62487	3.03	189279	7.54	2.63	4.90	44	0.59	3123	3.03	9459	4.76	1.59	3.17	9	0.15	6831	3.04	20744	0	0	0	111880	2.7	302090	184321	2.83	521572	1.6			
1210	59328	3.03	179676	7.44	2.60	4.83	44	0.65	612	3.03	1854	4.64	1.49	3.15	9	0.15	5994	3.03	18153	0	0	0	77920	2.7	210390	143854	2.85	410073	1.3			
1204	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0.00	0	0	N/A			
TOTALS	458397	3.03	1387494	7.23	2.49	4.74	42	0.57	59670	2.89	172305	4.65	1.47	3.18	9	0.15	91627	3.01	276140	2870170	2.20	6314400	3013700	2.70	8137050	6493564	2.51	16287389	9.4			

QUICK SINK "B" GRUM PIT - WITHIN THE STAGE I PIT

HIGH GRADE + 5% Pb+Zn									MEDIUM GRADE 4 - 5 % Pb+Zn								SULFIDE WASTE			OVER BURDEN			PHYLLITE WASTE			TOTAL MATERIAL			STRIPPING RATIO			
BENCH	VOLUME	DENS	TONNAGE	Pb+Zn	ZPb	ZZn	Ag	Au	VOLUME	DENS	TONNAGE	Pb+Zn	ZPb	ZZn	Ag	Au	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	
1300	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	40	1.75	70	0	0.00	0	40	1.75	70	N/A			
1294	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	5130	2.20	11290	0	0.00	0	5130	2.20	11290	N/A			
1288	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	8230	2.20	18110	0	0.00	0	8230	2.20	18110	N/A			
1282	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	42230	2.20	92900	0	0.00	0	42230	2.20	92900	N/A			
1276	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	135160	2.20	297340	0	0.00	0	135160	2.20	297340	N/A			
1270	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	346950	2.20	763290	0	0.00	0	346950	2.20	763290	N/A			
1264	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	428030	2.20	941700	0	0.00	0	428030	2.20	941700	N/A			
1258	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	437370	2.20	962250	0	0.00	0	437370	2.20	962250	N/A			
1252	9	4.00	36	5.88	1.86	4.02	33	0.53	0	0	0	0	0.00	0.00	0	0.00	1	4.00	4	437300	2.20	962090	4270	2.70	11510	441580	2.20	973640	27044.5			
1246	612	3.97	2430	14.92	6.89	8.04	115	0.80	0	0	0	0	0.00	0.00	0	0.00	61	3.97	243	394240	2.20	867350	20510	2.70	55360	415423	2.23	925383	379.8			
1240	1791	3.98	7128	15.31	7.08	8.24	115	0.83	0	0	0	0	0.00	0.00	0	0.00	189	3.93	743	347000	2.20	763390	72800	2.70	196570	421780	2.29	967831	134.8			
1234	11232	3.57	40050	11.50	4.75	6.75	78	0.83	0	0	0	0	0.00	0.00	0	0.00	1813	3.44	6235	247030	2.20	543460	129240	2.70	348930	389315	2.41	938675	22.4			
1228	30024	3.46	104031	10.70	4.35	6.35	71	0.73	3123	3.12	9747	4.90	1.66	3.24	9	0.30	3955	3.33	13178	159130	2.20	350080	177580	2.70	479480	373812	2.56	956516	7.4			
1222	45162	3.40	153720	9.23	3.57	5.66	59	0.75	1251	3.27	4095	4.81	1.71	3.09	10	0.38	5331	3.37	17992	72740	2.20	160040	203170	2.70	548560	327654	2.70	884407	4.6			
1216	44838	3.59	160992	8.91	3.21	5.70	54	0.84	3123	3.12	9738	4.83	1.83	3.00	11	0.23	4796	3.56	17073	15640	2.20	34410	220800	2.70	596150	289197	2.83	818363	3.8			
1210	34200	3.67	125379	9.96	3.45	6.52	58	0.86	2502	3.04	7596	4.71	1.69	3.02	9	0.19	6480	3.31	21418	320	2.22	710	213210	2.70	575650	256712	2.85	730753	4.5			
1204	0	0.00	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0.00	0.00	0	0.00	0	0.00	0	0	0.00	0	0	0	0	0.00	0	0	N/A			
TOTALS	167868	3.54	593766	9.80	3.72	6.09	61	0.80	9999	3.12	31176	4.80	1.72	3.08	10	0.26	22627	3.40	76884	3076540	2.20	6768480	1041580	2.70	2812210	4318614	2.38	10282516	15.5			

VINTILLAS STAGE I PIT REMAINING RESERVES TO THE 1204 BENCH

HIGH GRADE + 5% Pb+Zn									MEDIUM GRADE 4 - 5 % Pb+Zn								SULFIDE WASTE			OVER BURDEN			PHYLLITE WASTE			TOTAL MATERIAL			STRIPPING RATIO			
BENCH	VOLUME	DENS	TONNAGE	Pb+Zn	Xp	Zn	Ag	Au	VOLUME	DENS	TONNAGE	Pb+Zn	Xp	Zn	Ag	Au	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	
1300	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	0	0	0	0	4860	2.20	10710	4590	2.70	12390	9450	2.44	23100	N/A			
1294	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	0	0	0	0	207780	2.20	457120	9090	2.70	24530	216870	2.22	481650	N/A			
1288	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	0	0	0	0	379050	2.20	833910	48330	2.70	130490	427380	2.26	964400	N/A			
1282	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00	0.00	0.00	0	0.00	0	0	0	0	404620	2.20	890200	107060	2.70	289080	511680	2.30	1179280	N/A			
1276	261	2.97	774	5.83	2.20	3.63	37	0.45	1449	2.96	4293	4.32	1.61	2.71	8	0.14	171	2.96	507	465170	2.20	1023390	147900	2.70	399310	614951	2.32	1428274	280.9			
1270	1251	2.99	3744	5.17	2.08	3.09	32	0.47	8046	2.97	23886	4.69	1.68	3.01	10	0.14	930	2.97	2763	414950	2.20	912790	207190	2.70	559410	632367	2.38	1502593	53.4			
1264	0	0.00	0	0.00	0.00	0.00	0	0.00	10377	2.95	30564	4.68	1.55	3.12	10	0.14	1038	2.95	3056	411970	2.20	906230	275660	2.70	744270	699045	2.41	1684120	54.1			
1258	1872	2.94	5499	5.09	1.56	3.53	33	0.40	8802	2.92	25713	4.65	1.37	3.28	11	0.12	1487	2.89	4291	317610	2.20	698720	317290	2.70	856690	647061	2.46	1590913	50.0			
1252	3618	2.91	10539	5.53	1.64	3.89	33	0.41	11079	2.89	32022	4.72	1.47	3.26	10	0.12	1470	2.90	4256	308150	2.20	677950	388420	2.70	1048740	712737	2.49	1773507	40.7			
1246	11556	2.89	33354	5.35	1.67	3.68	31	0.49	2493	2.95	7353	4.74	1.46	3.28	9	0.14	1405	2.90	4071	231940	2.20	510280	428590	2.70	1157200	675984	2.53	1712258	41.1			
1240	10422	2.92	30456	5.51	1.87	3.64	33	0.52	6930	2.92	20241	4.49	1.47	3.02	9	0.14	6505	3.07	19970	192200	2.20	422900	456150	2.70	1231600	672227	2.57	1725167	33.0			
1234	16398	2.99	49050	6.09	2.18	3.92	39	0.56	6930	2.92	20241	4.65	1.61	3.04	9	0.15	4503	3.09	13909	142440	2.20	313360	451690	2.70	1219600	621961	2.60	1616160	22.3			
1228	34173	2.98	101871	6.53	2.31	4.22	40	0.55	3600	2.88	10359	4.79	1.63	3.15	9	0.17	6547	3.11	20343	131920	2.20	290220	502220	2.70	1356020	678460	2.62	1778813	14.8			
1222	36054	3.24	116685	6.80	2.78	4.01	44	0.66	1944	2.84	5526	4.43	1.44	2.99	8	0.16	7270	3.20	23271	97450	2.20	214380	505900	2.70	1365930	648618	2.66	1725792	13.1			
1216	29691	3.45	102321	7.20	3.17	4.03	50	0.74	5445	2.80	15264	4.50	1.66	2.84	8	0.10	9494	3.32	31529	87120	2.20	191670	526000	2.70	1420220	657750	2.68	1761004	14.0			
1210	23787	3.38	80433	7.35	2.95	4.41	49	0.75	4644	2.89	13419	4.58	1.60	2.98	9	0.23	7733	3.30	25525	54680	2.20	120290	525000	2.70	1417520	615844	2.69	1657187	16.7			
1204	100089	3.41	340884	9.11	3.22	5.89	54	0.80	8163	2.98	24345	4.75	1.65	3.10	9	0.17	12905	3.35	43223	30700	2.20	67540	793320	2.70	2141980	945177	2.77	2617972	6.2			
TOTALS	269172	3.25	875610	7.59	2.83	4.77	47	0.69	79902	2.92	233226	4.65	1.55	3.10	10	0.14	61457	3.20	196714	3882630	2.20	8541660	5694400	2.70	15374980	9987561	2.53	25222190	21.7			

TOTAL STAGE I RESERVES - TO THE 1204 BENCH

HIGH GRADE + 5% Pb+Zn									MEDIUM GRADE 4 - 5 % Pb+Zn								SULFIDE WASTE			OVER BURDEN			PHYLLITE WASTE			TOTAL MATERIAL			STRIPPING RATIO			
BENCH	VOLUME	DENS	TONNAGE	Pb+Zn	Xp	Zn	Ag	Au	VOLUME	DENS	TONNAGE	Pb+Zn	Xp	Zn	Ag	Au	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	VOLUME	DENS	TONNAGE	
1300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4910	2.20	10810	4590	2.699	12390	9500	2.44	23200	N/A			
1294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263290	2.20	579240	9090	2.698	24530	272380	2.22	603770	N/A			
1288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	592470	2.20	1303440	49300	2.7	133110	641770	2.24	1436550	N/A			
1282	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	804350	2.20	1769600	125720	2.700	339450	930070	2.27	2109050	N/A			
1276	261	2.965	774	5.25	1.98	3.27	33	0.40	2988	2.966	8865	3.99	1.42	2.57	9	0.13	695	2.869	1994	1090980	2.20	2400180	259850	2.699	701590	1354774	2.30	3113403	322.0			
1270	1251	2.992	3744	4.65	1.87	2.78	28	0.43	11862	2.962	35145	4.23	1.45	2.79	10	0.13	8251	2.809	23179	1376860	2.19	3029010	482900	2.699	1303820	1881124	2.34	4394898	112.0			
1264	621	2.927	1818	4.51	1.33	3.18	38	0.31	17226	2.905	50049	4.16	1.34	2.82	9	0.12	7335	2.787	20447	1321880	2.19	2908070	599960	2.699	1619890	1947022	2.36	4600274	87.7			
1258	6867	2.908	19971	4.77	1.50	3.27	27	0.48	21330	2.877	61380	4.22	1.28	2.93	9	0.12	4930	2.851	14055	1093200	2.20	2405050	716220	2.700	1933800	1842547	2.41	4434256	53.5			
1252	24948	2.896	72252	5.25	1.65	3.60	30	0.46	18567	2.881	53496	4.26	1.31	2.95	8	0.12	9902	2.991	29625	927170	2.20	2039810	783930	2.699	2116610	1764517	2.44	4311793	33.3			
1246	49167	2.964	145737	5.90	1.98	3.92	36	0.47	12483	2.894	36135	4.15	1.27	2.88	7	0.13	15185	2.999	45547	725480	2.20	1596080	809880	2.700	2186680	1612195	2.49	4010179	21.0			
1240	69642	3.054	212742	6.87	2.42	4.45	42	0.52	15606	2.899	45252	4.12	1.35	2.77	8	0.13	20995	3.089	64859	585260	2.20	1287580	847690	2.700	2288770	1539193	2.53	3899203	14.1			
1234	102861	3.101	318987	6.87	2.47	4.40	42	0.54	11358	2.915	33111	4.17	1.45	2.72	8	0.14	16272	3.185	51840	393790	2.19	866330	867060	2.700	2341090	1391341	2.60	3611358	9.3			
1228	133155	3.118	415215	7.06	2.59	4.47	43	0.53	7344	2.992	21978	4.33	1.46	2.86	8	0.20	18210	3.165	57639	291050	2.19	640300	874710	2.700	2361750	1324469	2.64	3496882	7.0			
1222	152244	3.196	486666	6.99	2.62	4.38	43	0.58	3195	3.011	9621	4.13	1.40	2.73	8	0.23	19704	3.191	62889	170190	2.20	374420	850650	2.700	2296760	1195983	2.70	3230356	5.5			
1216	137016	3.303	452592	7.15	2.66	4.49	44	0.64	11691	2.947	34661	4.20	1.52	2.68	8	0.14	21121	3.283	69345	102760	2.20	226080	858680	2.700	2318460	1131268	2.74	3100938	5.4			
1210	117315	3.285	385488	7.42	2.65	4.76	44	0.67	7758	2.947	22869	4.17	1.46	2.71	8	0.19	20207	3.221	65096	55000	2.2	121000	816130	2.700	2203560	1016410	2.75	2798013	5.9			
1204	100089	3.405	340884	8.20	2.90	5.30	48	0.72	8163	2.982	24345	4.27	1.49	2.79	8	0.16	12905	3.349	43223	30700	2.2	67540	793320	2.700	2141980	945177	2.77	2617972	6.2			
TOTALS	895437	3.19	2856870	7.64	2.76	4.88	46	0.64	149571	2.92	436707	4.41	1.45	2.97	9	0.15	175711	3.13	549738	9829340	2.20	21624540	9749680	2.70	26324240	20799739	2.49	51792095	14.7			

- Tonnages and grades have been adjusted for a 10 % mining loss
- Sulfide waste tonnages are not total tonnages (the alteration envelope tonnages have been left out)
- Dilution has been accounted for by the use of 6m bench composites.

August 29, 1991

GRUM V9108 6M BENCH COMPOSITED RESERVES - VINTILLIA STAGE III PIT.
RESERVES REMAINING AS OF JUNE 1991 MONTH END.

BENCH	HIGH GRADE ORE + 5% Pb+Zn								LOW GRADE ORE 4 - 5 % Pb+Zn								SULPHIDE WASTE				PHYLLITE WASTE & OVER BURDEN				TOTAL MATERIAL				
	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	ZPb+Zn	ZPb	ZZn	AG g/t	Au g/t	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	ZPb+Zn	ZPb	ZZn	AG g/t	Au g/t	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	STRIPPING RATIO
1330	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
1324	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	2.49	2.25	5.59	2.49	2.24	5.59	2.49	2.24	5.59	N/A	
1318	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	151.52	2.61	396.03	151.52	2.61	396.03	151.52	2.61	396.03	N/A		
1312	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	471.02	2.69	1,266.79	471.02	2.69	1,266.79	471.02	2.69	1,266.79	N/A		
1306	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	781.29	2.70	2,107.19	781.29	2.70	2,107.19	781.29	2.70	2,107.19	N/A		
1300	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	1,142.42	2.69	3,072.24	1,142.42	2.69	3,072.24	1,142.42	2.69	3,072.24	N/A		
1294	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	1,542.07	2.60	4,002.84	1,542.07	2.60	4,002.84	1,542.07	2.60	4,002.84	N/A		
1288	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	2,036.19	2.53	5,157.85	2,036.19	2.53	5,157.85	2,036.19	2.53	5,157.85	N/A		
1282	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	2,468.36	2.52	6,214.19	2,468.36	2.52	6,214.19	2,468.36	2.52	6,214.19	N/A		
1276	0.29	2.97	0.86	5.83	2.20	3.63	37	0.45	3.32	2.97	9.85	4.43	1.58	2.85	31	0.45	0.00	0.00	2,905.05	2.50	7,264.90	2,905.05	2.50	7,264.90	2,905.05	2.50	7,264.90	271.6	
1270	1.39	3.00	4.16	5.17	2.08	3.09	32	0.47	13.18	2.96	39.05	4.71	1.61	3.10	35	0.45	2.08	2.78	3,459.20	2.49	8,605.33	3,459.20	2.49	8,605.33	3,459.20	2.49	8,605.33	80.4	
1264	0.69	2.92	2.02	5.01	1.48	3.53	42	0.34	19.42	2.91	56.43	4.62	1.49	3.13	32	0.43	0.00	0.00	3,446.45	2.50	8,630.28	3,446.45	2.50	8,630.28	3,446.45	2.50	8,630.28	59.3	
1258	7.63	2.91	22.19	5.30	1.67	3.63	30	0.53	24.28	2.88	69.90	4.69	1.43	3.26	31	0.42	0.69	2.82	3,315.08	2.53	8,380.23	3,315.08	2.53	8,380.23	3,315.08	2.53	8,380.23	36.4	
1252	29.82	2.90	86.38	5.81	1.82	3.99	33	0.51	22.19	2.88	63.98	4.75	1.46	3.29	30	0.44	1.39	3.52	3,139.14	2.55	8,002.70	3,139.14	2.55	8,002.70	3,139.14	2.55	8,002.70	21.2	
1246	69.36	2.94	204.12	6.43	2.15	4.29	39	0.49	13.87	2.89	40.15	4.61	1.41	3.20	26	0.48	1.39	3.55	2,958.70	2.57	7,608.84	2,958.70	2.57	7,608.84	2,958.70	2.57	7,608.84	12.5	
1240	104.73	2.99	313.12	7.24	2.56	4.68	44	0.53	19.42	2.80	55.93	4.57	1.54	3.03	28	0.44	1.16	3.48	2,780.67	2.59	7,209.11	2,780.67	2.59	7,209.11	2,780.67	2.59	7,209.11	7.9	
1234	146.34	3.04	444.69	7.23	2.60	4.63	45	0.55	31.21	2.83	88.46	4.64	1.63	3.01	29	0.40	9.71	3.14	30.50	2,577.84	2.62	6,753.37	2,577.84	2.62	6,753.37	2,577.84	2.62	6,753.37	5.2
1228	178.51	3.08	549.57	7.56	2.76	4.80	47	0.56	42.31	2.85	120.73	4.64	1.62	3.02	29	0.44	6.94	3.17	22.01	2,408.42	2.64	6,354.00	2,408.42	2.64	6,354.00	2,408.42	2.64	6,354.00	3.9
1222	213.83	3.14	670.85	7.57	2.78	4.79	47	0.60	32.60	2.84	92.64	4.56	1.57	2.99	28	0.42	6.94	3.31	22.93	2,253.15	2.66	5,990.60	2,253.15	2.66	5,990.60	2,253.15	2.66	5,990.60	3.3
1216	203.82	3.20	651.48	7.68	2.80	4.87	47	0.65	33.29	2.86	95.34	4.54	1.59	2.95	28	0.41	9.55	3.43	32.72	2,129.33	2.68	5,695.96	2,129.33	2.68	5,695.96	2,129.33	2.68	5,695.96	3.2
1210	184.58	3.16	582.80	7.79	2.76	5.03	47	0.66	33.85	2.86	96.92	4.52	1.57	2.95	27	0.45	5.59	3.56	19.90	2,038.15	2.69	5,471.50	2,038.15	2.69	5,471.50	2,038.15	2.69	5,471.50	3.3
1204	173.43	3.21	556.72	8.07	2.86	5.21	48	0.70	61.03	2.89	176.61	4.67	1.66	3.00	28	0.46	3.57	3.59	12.80	1,915.24	2.69	5,151.85	1,915.24	2.69	5,151.85	1,915.24	2.69	5,151.85	2.9
1198	198.47	3.25	645.58	8.24	2.96	5.28	48	0.74	44.83	2.89	129.34	4.64	1.60	3.04	28	0.40	4.86	3.54	17.17	1,793.52	2.70	4,837.93	1,793.52	2.70	4,837.93	1,793.52	2.70	4,837.93	2.6
1192	210.12	3.32	696.93	8.38	3.03	5.35	50	0.76	26.66	2.80	74.65	4.54	1.51	3.03	27	0.38	10.40	3.34	34.70	1,688.30	2.70	4,561.37	1,688.30	2.70	4,561.37	1,688.30	2.70	4,561.37	2.5
1186	207.07	3.34	691.87	8.42	3.08	5.33	51	0.73	28.98	2.91	84.32	4.52	1.58	2.95	28	0.43	10.40	3.52	36.63	1,588.14	2.70	4,290.32	1,588.14	2.70	4,290.32	1,588.14	2.70	4,290.32	2.4
1180	197.19	3.34	658.90	8.22	3.04	5.19	51	0.68	22.59	2.93	66.18	4.62	1.56	3.06	28	0.46	14.36	3.77	54.06	1,508.69	2.70	4,076.32	1,508.69	2.70	4,076.32	1,508.69	2.70	4,076.32	2.4
1174	188.46	3.35	630.36	8.23	3.11	5.12	51	0.66	20.23	3.07	62.19	4.54	1.67	2.87	30	0.45	14.92	3.76	56.06	1,430.52	2.70	3,865.81	1,430.52	2.70	3,865.81	1,430.52	2.70	3,865.81	2.4
1168	216.66	3.36	728.11	8.28	3.13	5.15	51	0.67	10.09	3.04	30.64	4.61	1.69	2.92	29	0.54	9.84	3.54	34.85	1,325.67	2.70	3,581.39	1,325.67	2.70	3,581.39	1,325.67	2.70	3,581.39	2.1
1162	231.17	3.39	782.64	8.48	3.23	5.25	52	0.69	9.05	3.17	28.70	4.55	1.68	2.87	27	0.61	15.26	3.66	55.81	1,218.22	2.70	3,291.21	1,218.22	2.70	3,291.21	1,218.22	2.70	3,291.21	1.8
1156	234.36	3.49	818.94	8.94	3.40	5.53	52	0.77	24.51	3.19	78.14	4.67	1.74	2.92	28	0.64	21.44	3.78	80.97	1,101.57	2.70	2,976.64	1,101.57	2.70	2,976.64	1,101.57	2.70	2,976.64	1.5
1150	207.33	3.68	762.42	10.15	3.81	6.34	58	0.88	44.69	3.11	138.74	4.58	1.64	2.94	23	0.56	21.02	3.86	81.10	1,026.06	2.71	2,777.65	1,026.06	2.71	2,777.65	1,026.06	2.71	2,777.65	1.4
1144	232.99	3.70	861.90	10.14	3.84	6.30	58	0.88	25.27	3.10	78.31	4.50	1.57	2.93	21	0.53	23.80	3.75	89.19	932.28	2.71	2,526.68	932.28	2.71	2,526.68	932.28	2.71	2,526.68	1.3
1138	208.18	3.72	774.61	10.18	3.85	6.33	62	0.95	33.99	3.09	104.85	4.55	1.68	2.87	24	0.55	23.84	3.65	86.95	874.32	2.72	2,374.20	874.32	2.72	2,374.20	874.32	2.72	2,374.20	1.3
1132	180.09	3.72	670.26	10.21	3.85	6.37	62	0.99	43.00	3.11	133.74	4.47	1.69	2.79	26	0.66	35.03	3.60	126.20	806.77	2.72	2,190.74	806.77	2.72	2,190.74	806.77	2.72	2,190.74	1.3
1126	184.29	3.68	678.53	9.67	3.68	5.99	56	0.89	45.08	3.09	139.12	4.45	1.71	2.74	28	0.70	36.01	3.35	120.62	727.84	2.72	1,977.66	727.84	2.72	1,977.66	727.84	2.72	1,977.66	1.2
1120	198.00	3.65	722.86	8.92	3.38	5.54	51	0.82	55.49	3.04	168.66	4.60	1.78	2.82	29	0.62	27.79	3.24	89.90	643.42	2.72	1,747.06	643.42	2.72	1,747.06	643.42	2.72	1,747.06	1.0
1114	188.91	3.59	677.32	8.91	3.34	5.57	50	0.78	37.44	3.13	117.32	4.49	1.72	2.77	28	0.70	21.43	3.23	69.23	604.91	2.73	1,649.81	604.91	2.73	1,649.81	604.91	2.73	1,649.81	1.1
1108	184.96	3.65	674.99	9.20	3.43	5.77	50	0.80	33.99	3.06	103.94	4.48	1.86	2.62	29	0.71	24.04	3.13	75.36	538.90	2.73	1,472.92	538.90	2.73	1,472.92	538.90	2.73	1,472.92	1.0
1102	185.02	3.71	685.67	9.06	3.37	5.69	52	0.92	29.19	3.17	92.49	4.46	1.81	2.64	32	0.81	11.79	3.12	36.84	490.03	2.73	1,339.97	490.03	2.73	1,339.97	490.03	2.73	1,339.97	0.9
1096	178.80	3.71	662.88	9.17	3.43	5.74	52	0.98	15.26	3.21	49.03	4.44	1.78	2.66	30	0.84	9.65	3.19	30.75	446.97	2.73	1,221.85	446.97	2.73	1,221.85	446.97	2.73	1,221.85	0.9
1090	167.36	3.67	614.39	8.99	3.39	5.61	49	0.98	19.65	3.18																			

GRUM V2108 6M BENCH COMPOSITED RESERVES - VINTILIA STAGE III PIT.
RESERVES REMAINING AS OF JUNE 1991 MONTH END.

BENCH	HIGH GRADE ORE + 5% Pb+Zn							LOW GRADE ORE 4 - 5 % Pb+Zn							SULPHIDE WASTE			PHYLLITE WASTE & OVER BURDEN			TOTAL MATERIAL			STRIPPING RATIO			
	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	ZPb+Zn	ZPb	ZZn	AG g/t	Au g/t	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	ZPb+Zn	ZPb	ZZn	AG g/t	Au g/t	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	VOLUME #1000	DENSITY t/bcm	TONNAGE #1000	VOLUME #1000		DENSITY t/bcm	TONNAGE #1000	
1330	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
1324	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	2.49	2.25	5.59	2.49	2.24	5.59	N/A	
1318	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	151.52	2.61	396.03	151.52	2.61	396.03	N/A		
1312	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	471.02	2.69	1,266.79	471.02	2.69	1,266.79	N/A		
1306	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	781.29	2.70	2,107.19	781.29	2.70	2,107.19	N/A		
1300	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1,142.42	2.69	3,072.24	1,142.42	2.69	3,072.24	N/A		
1294	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	1,542.07	2.60	4,002.84	1,542.07	2.60	4,002.84	N/A		
1288	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	2,036.19	2.53	5,157.85	2,036.19	2.53	5,157.85	N/A		
1282	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	2,468.36	2.52	6,214.19	2,468.36	2.52	6,214.19	N/A		
1276	0.29	2.97	0.86	5.83	2.20	3.63	37	0.45	3.32	2.97	9.85	4.43	1.58	2.85	31	0.45	0.00	0.00	2,905.05	2.50	7,264.90	2,908.66	2.50	7,275.61	678.3		
1270	1.39	3.00	4.16	5.17	2.08	3.09	32	0.47	13.18	2.96	39.05	4.71	1.61	3.10	35	0.45	2.08	2.78	5.78	3,459.20	2.49	8,605.33	3,475.85	2.49	8,654.32	199.3	
1264	0.69	2.92	2.02	5.01	1.48	3.53	42	0.34	19.42	2.91	56.43	4.62	1.49	3.13	32	0.43	0.00	0.00	3,446.45	2.50	8,630.28	3,466.56	2.50	8,688.73	147.7		
1258	7.63	2.91	22.19	5.30	1.67	3.63	30	0.53	24.28	2.88	69.90	4.69	1.43	3.26	31	0.42	0.69	2.82	1.96	3,315.08	2.53	8,380.23	3,347.68	2.53	8,474.28	91.0	
1252	29.82	2.90	86.38	5.81	1.82	3.99	33	0.51	22.19	2.88	63.98	4.75	1.46	3.29	30	0.44	1.39	3.52	4.88	3,139.14	2.55	8,002.70	3,192.54	2.55	8,157.94	53.3	
1246	69.36	2.94	204.12	6.43	2.15	4.29	39	0.49	13.87	2.89	40.15	4.61	1.41	3.20	26	0.48	1.39	3.55	4.92	2,958.70	2.57	7,608.84	3,043.32	2.57	7,858.03	31.2	
1240	104.73	2.99	313.12	7.24	2.56	4.68	44	0.53	19.42	2.88	55.93	4.57	1.54	3.03	28	0.44	4.16	3.48	14.48	2,780.67	2.59	7,209.11	2,908.98	2.59	7,592.64	19.6	
1234	146.34	3.04	444.69	7.23	2.60	4.63	45	0.55	31.21	2.83	88.46	4.64	1.63	3.01	29	0.40	9.71	3.14	30.50	2,577.84	2.62	6,753.37	2,765.10	2.62	7,317.02	12.7	
1228	178.51	3.08	549.57	7.56	2.76	4.80	47	0.56	42.31	2.85	120.73	4.64	1.62	3.02	29	0.44	6.94	3.17	22.01	2,408.42	2.64	6,354.00	2,636.18	2.64	7,046.31	9.5	
1222	213.83	3.14	670.85	7.57	2.78	4.79	47	0.60	32.60	2.84	92.64	4.56	1.57	2.99	28	0.42	6.94	3.31	22.93	2,253.15	2.66	5,990.60	2,506.52	2.66	6,777.02	7.9	
1216	203.82	3.20	651.48	7.68	2.80	4.89	47	0.65	33.29	2.86	95.34	4.54	1.59	2.95	28	0.41	9.55	3.43	32.72	2,129.33	2.68	5,695.96	2,375.99	2.68	6,475.50	7.7	
1210	184.58	3.16	582.80	7.79	2.76	5.03	47	0.66	33.85	2.86	96.92	4.52	1.57	2.95	27	0.45	5.59	3.56	19.90	2,038.15	2.69	5,471.50	2,262.17	2.69	6,171.12	8.1	
1204	173.43	3.21	556.72	8.07	2.86	5.21	48	0.70	61.03	2.89	176.61	4.67	1.66	3.00	28	0.46	3.57	3.59	12.80	1,915.24	2.69	5,151.85	2,153.27	2.69	5,897.98	7.0	
1198	198.47	3.25	645.58	8.24	2.96	5.28	48	0.74	44.83	2.89	129.34	4.64	1.60	3.00	28	0.40	4.86	3.54	17.17	1,793.52	2.70	4,837.93	2,041.68	2.70	5,630.02	6.3	
1192	210.12	3.32	696.93	8.38	3.03	5.35	50	0.76	26.66	2.80	74.65	4.54	1.51	3.03	27	0.38	10.40	3.34	34.70	1,688.30	2.70	4,561.37	1,935.48	2.70	5,367.65	6.0	
1186	207.07	3.34	691.87	8.42	3.08	5.33	51	0.73	28.98	2.91	84.32	4.52	1.58	2.95	28	0.43	10.40	3.52	36.63	1,588.14	2.70	4,290.32	1,834.59	2.70	5,103.14	5.6	
1180	197.19	3.34	658.90	8.22	3.04	5.19	51	0.68	22.59	2.93	66.18	4.62	1.56	3.06	28	0.46	14.36	3.77	54.06	1,508.69	2.70	4,076.32	1,742.83	2.70	4,855.46	5.7	
1174	188.46	3.35	630.36	8.23	3.11	5.12	51	0.66	20.23	3.07	62.19	4.54	1.67	2.87	30	0.45	14.92	3.76	56.06	1,430.52	2.70	3,865.81	1,654.13	2.70	4,614.42	5.7	
1168	216.66	3.36	728.11	8.28	3.13	5.15	51	0.67	10.09	3.04	30.64	4.61	1.69	2.92	29	0.54	9.84	3.54	34.85	1,325.67	2.70	3,581.39	1,562.26	2.70	4,374.99	4.8	
1162	231.17	3.39	782.64	8.48	3.23	5.25	52	0.69	9.05	3.17	28.70	4.55	1.68	2.87	27	0.61	15.26	3.66	55.81	1,218.22	2.70	3,291.21	1,473.70	2.70	4,158.36	4.1	
1156	234.36	3.49	818.94	8.94	3.40	5.53	52	0.77	24.51	3.19	78.14	4.67	1.74	2.92	28	0.64	21.44	3.78	80.97	1,101.57	2.70	2,976.64	1,381.88	2.70	3,954.69	3.4	
1150	207.33	3.68	762.42	10.15	3.81	6.34	58	0.88	44.69	3.11	138.74	4.58	1.64	2.94	23	0.56	21.02	3.86	81.10	1,026.06	2.71	2,777.65	1,299.10	2.71	3,759.91	3.2	
1144	232.99	3.70	861.90	10.14	3.84	6.30	58	0.88	25.27	3.10	78.31	4.50	1.57	2.93	21	0.53	23.80	3.75	89.19	932.28	2.71	2,526.68	1,214.34	2.71	3,556.08	2.8	
1138	208.18	3.72	774.61	10.18	3.85	6.33	62	0.95	33.99	3.09	104.85	4.55	1.68	2.87	24	0.55	23.84	3.65	86.95	874.32	2.72	2,374.20	1,140.33	2.72	3,340.61	2.8	
1132	180.09	3.72	670.26	10.21	3.85	6.37	62	0.99	43.00	3.11	133.74	4.47	1.69	2.79	26	0.66	35.03	3.60	126.20	806.77	2.72	2,190.74	1,064.89	2.72	3,120.94	2.9	
1126	184.29	3.68	678.53	9.67	3.68	5.99	56	0.89	45.08	3.09	139.12	4.45	1.71	2.74	28	0.70	36.01	3.35	120.62	727.84	2.72	1,977.66	993.22	2.72	2,915.93	2.6	
1120	198.00	3.65	722.86	8.92	3.38	5.54	51	0.82	55.49	3.04	168.66	4.60	1.78	2.82	29	0.62	27.79	3.24	89.90	643.42	2.72	1,747.06	924.70	2.72	2,728.48	2.1	
1114	188.91	3.59	677.32	8.91	3.34	5.57	50	0.78	37.44	3.13	117.32	4.49	1.72	2.77	28	0.70	21.43	3.23	69.23	604.91	2.73	1,649.81	852.69	2.73	2,513.68	2.2	
1108	184.96	3.65	674.99	9.20	3.43	5.77	50	0.80	33.99	3.06	103.94	4.48	1.86	2.62	29	0.71	24.04	3.13	75.36	538.90	2.73	1,472.92	781.89	2.73	2,327.21	2.0	
1102	185.02	3.71	685.67	9.06	3.37	5.69	52	0.92	29.19	3.17	92.49	4.46	1.81	2.64	32	0.81	11.79	3.12	36.84	490.03	2.73	1,339.97	716.03	2.73	2,154.97	1.8	
1096	178.80	3.71	662.88	9.17	3.43	5.74	52	0.98	15.26	3.21	49.03	4.44	1.78	2.66	30	0.84	9.65	3.19	30.75	446.97	2.73	1,221.85	650.68	2.73	1,964.51	1.8	
1090	167.36	3.67	614.39	8.99	3.39	5.61	49	0.98	19.65	3.18	62.58	4.44	1.78	2.66	30	0.86	8.51	3.19	27.12	384.76	2.73	1,048.37	580.28	2.73	1,752.46	1.6	
1084	146.12	3.72	543.72	8.92	3.40	5.52	52	1.02	16.65	3.26	54.27	4.45	1.75	2.69	29	0.87	11.79	3.13	36.93	310.02	2.73	846.61	484.58	2.73	1,481.53	1.5	
1078	139.87	3.81	532.74	9.13	3.51	5.62	55	1.06	17.21	3.27	56.27	4.48	1.76	2.72	31	0.95	6.47	3.17	20.50	268.82	2.76	740.71	432.37	2.76	1,350.22	1.3	
1072	119.34	3.88	462.97	9.07	3.52	5.56	56	1.10	18.03	3.26	58.77	4.46	1.71	2.75	31	0.94	5.39	3.40	18.30	230.46	2.76	636.64	373.22	2.76	1,176.68	1.3	
1066	70.66	3.87	273.43	9.02	3.40	5.62	55	1.07	17.20	3.16	54.33	4.33	1.62	2.71	31	0.76	10.63	3.34	35.51	180.06	2.76	497.01	278.55	2.76	860.28	1.6	
1060	46.20	4.09	188.76	9.63	3.60	6.03	63	1.18	12.45	3.34																	