Curragh Resources

P.O. Box 1000
Faro, Yukon
Y0B 1K0
Tel.: (403) 994-2600
Telex: 0268298

006541

LAC #3733

3458A
3683

TELECOPIER COVER LETTER

TO: SERGE BULATOVIC

LAKEFIELD RESEARCH

TELECOPIER NO.: (705) 652-6365

FROM: DUMITRU TULIU

CURRAGH RESOURCES, P.O. Box 1000, Faro, Yukon, Y0B 1K0

TOTAL NO. OF PAGES: 13 INCLUDING COVER LETTER

DATE: MAY 23, 1989 TIME: 1:15

OPERATOR: Regina

We are transmitting from the following:

Canon FAX 220 - 24 hours (403) 994-2600 Ext. 159

If you do not receive all pages please call back as soon as possible.

MESSAGE: SERGE,

THIS IS THE DOCUMENTATION FOR THE GRUM ORE TESTING PROGRAM. THREE DIFFERENT COMPOSITES G1, G2, G3 WILL BE SEPARATED, ON THE BASIS OF ORE TYPE.

START TESTING PROGRAM ON THE COMPOSITE G1 AND G2.

COMPOSITE G3 IS NOT REPRESENTATIVE FOR MASSIVE PYRITIC SULPHIDE (HE), THE GRADE IS MUCH HIGHER THAN PREDICTED.

FOR THE TIME BEING KEEP THE COMPOSITE G3 ASIDE, UNTIL ADDITIONAL SAMPLE WILL BE COLLECTED THIS SUMER.

AFTER THAT, WE WILL DECIDE ON WHICH G3 SAMPLES

****

FLOTATION TEST TO BE CARRIED OUT, AND OVER ALL COMPOSITE (G1+G2+G3)

DUMITRU

CASH 17

C U R R A G H R E S O U R C E S I N C.

INTER OFFICE MEMORANDUM

May 15, 1989

To: Dumitru Tuliu

From: Cameron V. Reed

Subject: Final compositing for Grum Metallurgical Testing Program at Lakefield

Copy to: Gregg Jilson, L. Pigage, E. Blaxland

Two drilling programs carried out at Grum in 1987-88 yielded 776 individual ore samples from twenty-two holes. Nineteen holes were targeted to test the earliest production which comes from the shallowest portion of the main horizon between x-sections 60w to 80w. These holes range from 250' to 450' in depth. In addition, three holes; 87G-01, 87G-02 and 87G-17 were drilled into the Champ Zone which is located in the SE section of the deposit between sections 52w and 60w. Reserves from the Champ Zone are not included in the current mine plan and samples obtained from these holes are excluded from this metallurgical test.

Compositing has been carried out in accordance with the following criteria:

i) Ore type, in accordance with the original core log (conforming to the Anvil area lithostratigraphic code) and where distinctions are possible at realistic separable mining widths. The maximum width is about 15 feet. Three different composites were separated on the basis of ore type:

(1) G1- dominantly 4a rock types (disseminated sulphides - carbonaceous qtzite)
(2) G2- dominantly 4d rock types (disseminated sulphides - noncarbonaceous qtzite)
(3) G3- dominantly 4e & 4g rock types (massive sulphide)

ii) Porous samples were excluded from all composites. This was done to minimize the effect of drilling additives on metallurgical testing. The quartzite composites - G1 and G2 - are generally non-porous and only a few samples are excluded. The massive sulphide ore types at Grum tend to be more friable and porous than the quartzite ore types. Approximately 30% of the massive sulphide samples collected are excluded which severely limits the amount of sample available for composite G3.

Almost all of the Grum massive sulphide easily "absorbs" water, thus composite G3 is more likely to contain some amount of drilling additives.

iii) Samples with total oxidation rating higher than 2 (moderately weathered) were excluded from the composites. The 1987 core was kept in cold storage for a year before it was bagged for use in this program. The post-drilling oxidation was logged when the core was bagged to send to Lakefield. A simple numeric code ranging on a scale from 1 to 4 was used. 1 designates slightly oxidized core ranging up to a maximum of 4 indicating extremely oxidized core. Total oxidation is the total of the post drilling oxidation (cut and split surfaces of the core) added to the weathered condition of the ore as it came out of the ground.

Core oxidation during storage was minimal.

The vast majority of samples selected show no visible oxidation at all. Samples with higher than 2 oxidation ratings are generally from ore located at or near the bedrock interface. Overall, this type of feed makes up a small proportion of the total and should not be a priority in this testing program. However, the current mine plan includes significant feed from ore stockpiled over extended periods. At some time in the future, metallurgical testing of more oxidized Grum core may be a concern. Possible sources of additional oxidized material is available in the old Kerr-Addison stockpiles located near the Grum adit.

iv) Mining plan: holes outside of the current IV phase 1 pit are not included in ths testing program.

The final selection of composites are described below.

Composite G1

Dominantly 4a type ore. Unit 4a is dark grey to black, moderately hard to very hard, well banded, sulphide bearing, carbonaceous locally micaceous quartzite. Compositional bands usually range from 1mm to 2cm thick. They are dark grey to black, fine grained locally micaceous quartzite interbanded with light grey to locally red-brown quartz-sulphid bands. Pyrite is usually the dominate sulphide species with lesser sphalerite and galena. Locally, base metal sulphide, particularly light reddish-brown sphalerite are dominat. Locally, pyrrhotite replaces pyrite but is only a minor constituent overall. Carbon content is generally within the 1/4 to 1/2 % range and dominatly occurs in thin coatings concentrated on thin cleavage surfaces (S1 and S2 surfaces). Chalcopyrite occurs locally in traces as small blebs within sulphide bands and fractures.

Total sulphide content is variable from 15% to 30% and may locally range up to 60%.

4a rock types are more abundant than any other ore facies at Grum and

constitute 53% of the millfeed in the I.V. stage 1 pit and 49% of the I.V. ultimate pitfeed.

Composite G2

Dominatly 4d ore. Unit 4d is light to medium grey, moderately hard to locally very hard, usually well banded (at Grum) generally well foliated (at Grum), micaceous, pyritic quartzite. The unit is texturally and mineralogically similar to 4a at Grum except that carbon is less abundant. Banding is commonly less well developed and sulphide bands in the high grade ore are characteristically redder in colour and contain less pyrite than 4a. 4d feed grade is slightly higher and gold content is slightly elevated over 4a values. At Grum, contacts with 4a ore commonly gradational over a few feet making a "clean" separation of these ore types at a mining scale difficult. Included in composite G2 are a few samples of moderately carbonaceous intervals occuring within thick intervals of non carbonaceous quartzite ore to create a more representative millfeed sample.

4d rock types represent 14% of the millfeed in both the I.V. stage 1 pit and the I.V. ultimate pitfeed.

Composite G3

Dominant rock type of this composite is massive pyritic sulphide (4e) which may locally contain up to 10-30% barite (4g). At Grum, the 4e massive pyritic sulphide is the dominant massive sulphide species. The massive sulphides consist of banded to homogeneous, usually weakly foliated fine grained (at Grum) massive pyrite +/- barite with lesser sphalerite and galena. Total sulphide +/- sulphate content is at least 60%, generally greater than 80% and commonly near 100%. Gangue consists of quartz +/- barite +/- carbonates (calcite, dolomite, ankerite). Accessory minerals include pyrrhotite, magnetite, chalcopyrite, arsenopyrite, and marcasite.

This ore facies is the highest grade millfeed from Grum and represents 33 % of the feed from the I.V. Stage 1 pitand 37% of the I.V. ultimate pitfeed.

This composite contains the least amount of sample from the 87 and 88 drilling programs . It is also much higher grade than predicted by the diluted Grum model and is probably the least representative of actual feed composition. It is recommended that a low priority be put on testing massive sulphide until additional sample is collected. 20 holes are planned to be drilled at Grum this summer and additional holes targeted to intersect thick massive sulphide may be drilled if necessary.

Composite Statistics:

Comp.	Ore Type	kilograms |---Calculated----|	SG	%Pb	%Zn	Ag g/t	Au g/t
G1	4a	524	3.03	2.90	5.44	48.48	0.72
G2	4d	217	3.07	3.80	6.38	63.71	0.82
G3	4e	191	3.78	4.91	10.09	87.28	0.93

Diluted G8705 Model Feed Predictions - I.V. Grum Stage 1 Pit
Model diluted 15% at 0 grade Cutoff = 5% Pb+Zn

Comp.	Ore Type	Tonnes *1000	%Feed	%Pb	%Zn	Ag g/t	Au g/t
G1	4a	3,514	53%	2.32	4.25	39.13	0.73
G2	4d	927	14%	3.62	6.43	58.61	0.80
G3	4e	2,170	33%	4.60	6.77	73.83	0.88
Total		6,611	100%	3.25	5.38	53.25	0.79

Diluted G8705 Model Feed Predictions - Ultimate I.V. Grum Pit
Model diluted 15% at 0 grade Cutoff = 5% Pb+Zn

Comp.	Ore Type	Tonnes *1000	%Feed	%Pb	%Zn	Ag g/t	Au g/t
G1	4a	10,516	49%	2.37	4.23	40.12	0.75
G2	4d	2,974	14%	3.18	5.70	52.67	0.77
G3	4e	7,777	37%	4.39	6.95	73.36	1.01
Total		21,267	100%	3.22	5.43	54.03	0.84

G1

GRUB METALLURGICAL COMPOSITE INTERVALS
1987 & 1988 DIAMOND DRILLING [illegible]

17-May-89

Composite Number :B1 Estimate of Composite Weight: 524 KILOGRAMS

Description: Bandmately carbonaceous quartzite ore types - 4a - selected intervals contain numerous samples and have total oxidation ([illegible] = 2

Total Intervals: 289

SAMPLE NUMBER	FROM (ft)	TO (ft)	INT. (ft)	REC.a (ft)	REC.	REC. (%)	ROCK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/ton)	Au (g/ton)	%SOL Fe	%TOTAL Fe	%TOTAL Fe	Weather- ing	Pyrrhotite/ Magnetite	Core Oxidation	Split Oxidation	Total Oxidation
TOTALS:			860.7	960.9	835.5	97.1															
SG & INTERVAL LENGTH WEIGHTED AVERAGES:								3.03	8.34	2.70	5.44	48.48	0.72	2.22	9.24	11.45					
30681 B76-05	249.6	252.9	3.3	4.0	3.3	100	460	3.4	6.75	3.98	2.77	48.0	3.84	1.12	22.18	23.30	0	np	0	0	0
30682 B76-05	252.9	256.7	3.8	4.0	3.8	100	460	3.5	1.27	0.45	0.82	15.0	1.17	1.35	27.25	28.60	0	np	0	0	0
30683 B76-05	256.7	259.5	2.8	4.3	2.8	100	460	3.1	0.77	0.15	0.62	12.0	0.15	1.20	21.22	22.50	0	np	0	0	0
30684 B76-05	259.5	264.6	5.1	5.5	5.1	100	464	3	10.92	3.82	7.10	58.0	0.86	1.82	9.18	10.80	0	np	0	0	0
30681 B76-06	210.0	214.0	4.0	4.3	4.0	100	464	3.3	15.64	5.04	10.60	88.0	6.96	1.40	14.80	16.20	0	np	0	0	0
30682 B76-06	214.0	217.0	3.0	4.2	3.0	100	464	2.9	8.74	2.44	6.30	41.0	0.55	1.86	9.54	11.40	0	np	0	0	0
30683 B76-06	217.0	221.5	4.5	4.2	4.2	93	464	2.8	5.31	1.47	3.84	27.0	0.31	1.42	1.24	2.66	0	np	0	0	0
30684 B76-06	221.5	226.5	5.0	4.6	4.6	92	464	2.8	6.18	3.22	2.96	45.0	0.55	0.93	4.29	5.22	0	np	0	0	0
30685 B76-06	226.5	231.7	5.2	5.0	5.0	96	464	2.9	7.03	1.91	5.12	35.0	0.56	2.86	3.80	6.26	0	np	0	0	0
30687 B76-06	235.5	239.5	4.0	5.6	4.0	100	460	2	5.83	1.74	4.09	39.0	0.54	1.44	7.84	9.28	0	np	0	0	0
30688 B76-06	239.5	242.7	3.2	3.7	3.2	100	480	2.8	3.07	0.88	2.99	16.0	0.21	4.07	7.33	11.40	0	np	0	0	0
30689 B76-06	242.7	246.8	4.1	2.7	2.7	66	460	2.9	6.58	1.69	4.85	20.0	0.21	4.64	5.46	10.10	0	np	0	0	0
30701 B76-07	157.0	162.0	5.0	2.5	2.5	50	460	2.7	4.41	1.19	3.22	26.0	0.27	0.63	1.74	2.37	0	np	0	0	0
30702 B76-07	162.0	165.5	3.5	4.5	3.5	100	484	3.2	16.31	6.41	10.20	103.0	1.50	1.90	10.50	12.40	0	np	0	0	0
30703 B76-07	165.5	168.5	3.0	3.6	3.0	100	4CD4	3.4	20.63	6.83	13.80	130.0	0.89	5.15	9.25	14.40	0	np	0	0	0
30704 B76-07	168.5	172.0	3.5	4.8	3.5	100	4AL	3.2	3.08	1.04	2.04	19.0	0.34	10.30	10.90	21.20	0	np	0	0	0
30705 B76-07	172.0	176.0	4.0	4.9	4.0	100	5C04	2.9	3.18	0.54	2.64	10.0	0.07	13.00	4.80	17.80	0	np	0	0	0
30706 B76-07	176.0	180.0	4.0	5.1	4.0	100	4A34	3.3	5.91	2.62	3.29	64.0	0.69	2.21	17.59	19.80	0	np	0	0	0
30707 B76-07	180.0	183.6	3.6	4.7	3.6	100	4A30	3.2	5.87	1.92	3.95	43.0	0.96	1.97	15.33	17.30	0	np	0	0	0
30708 B76-07	183.6	187.6	4.0	4.8	4.0	100	4A30	3.2	3.75	1.40	2.35	33.0	0.48	0.90	20.90	21.80	0	np	0	0	0
30724 B76-07	244.1	249.0	4.9	5.8	4.9	100	4A03	3.2	6.38	1.51	4.87	29.0	0.36	2.40	12.90	15.30	0	np	0	0	0
30725 B76-07	249.0	254.0	5.0	5.6	5.0	100	4A03	3.2	9.43	2.48	6.95	52.0	0.48	3.37	13.73	17.10	0	np	0	0	0
30726 B76-07	254.0	259.0	5.0	5.9	5.0	100	4A03	3.2	7.15	1.80	5.35	41.0	0.49	1.90	18.40	20.30	0	np	0	0	0
30727 B76-07	259.0	264.0	5.0	6.3	5.0	100	4A03	3.2	6.55	1.63	4.92	42.0	0.62	2.51	16.39	18.90	0	np	0	0	0
30728 B76-07	264.0	269.0	5.0	5.7	5.0	100	4A03	3	7.28	2.35	4.93	41.0	0.35	2.42	13.18	15.60	0	np	0	0	0
30729 B76-07	269.0	274.5	5.5	5.5	5.5	100	4A03	3.3	6.93	2.85	4.08	51.0	1.23	1.82	16.88	18.70	0	np	0	0	0
30730 B76-07	274.5	279.0	4.5	4.8	4.5	100	4A034	3.8	13.08	9.51	3.57	119.0	2.13	1.40	19.80	21.20	0	np	0	0	0
30731 B76-07	279.0	284.0	5.0	5.7	5.0	100	4A034	3.5	10.70	5.25	5.45	69.0	1.37	2.58	15.42	18.00	0	np	0	0	0
30732 B76-07	284.0	289.0	5.0	5.5	5.0	100	4A034	3.4	10.80	4.12	6.68	61.0	1.17	2.07	14.63	16.70	0	np	0	0	0
30733 B76-07	289.0	294.0	5.0	5.5	5.0	100	4A034	3.3	12.50	7.18	5.32	97.0	1.45	1.03	14.97	16.00	0	np	0	0	0
30734 B76-07	294.0	299.0	5.0	5.6	5.0	100	4A034	3.7	9.44	3.75	5.69	53.0	1.45	2.55	17.65	20.20	0	np	0	0	0
30735 B76-07	299.0	304.0	5.0	6.0	5.0	100	4A034	3.8	10.88	2.75	8.13	51.0	1.45	2.99	17.39	20.20	0	np	0	0	0
30736 B76-07	304.0	309.5	5.5	6.5	5.5	100	4A034	3.9	15.64	5.24	10.40	81.0	2.42	2.02	17.98	20.00	0	np	0	0	0
30737 B76-07	309.5	315.0	5.5	6.1	5.5	100	4A03	3.5	5.95	2.25	3.70	43.0	1.17	1.01	19.29	21.10	0	np	0	0	0
30738 B76-07	315.0	320.0	5.0	5.8	5.0	100	4A034	3.4	11.33	5.96	5.37	72.0	2.46	1.85	15.25	17.10	0	np	0	0	0
30739 B76-07	320.0	322.5	2.5	3.0	2.5	100	4A034	4.1	9.65	4.70	4.35	67.0	1.78	6.39	22.21	28.60	0	np	0	0	0
30740 B76-07	322.5	325.6	3.1	3.1	3.1	100	4A04	3	10.08	4.06	6.02	56.0	0.45	4.79	4.80	9.59	0	np	0	0	0
30746 B76-07	344.0	348.0	4.0	4.5	4.0	100	430	2.8	2.10	0.50	1.60	11.0	0.34	2.34	5.07	8.23	0	np	0	0	0
30747 B76-07	348.0	351.8	3.8	4.5	3.8	100	430	3.1	9.50	0.75	8.75	11.0	0.17	10.70	1.60	12.30	0	np	0	0	0
30748 B76-07	351.8	353.2	1.4	1.8	1.4	100	4C04	3.1	22.64	7.54	15.10	141.0	1.58	4.37	18.23	22.60	0	np	0	0	0
30749 B76-07	353.2	356.8	2.4	3.0	2.4	100	430	3.1	1.75	0.69	1.06	20.0	0.41	4.64	9.36	14.00	0	np	0	0	0
30762 B76-09	180.0	183.6	3.6	3.9	3.6	100	434	2.6	4.20	1.31	2.89	23.0	0.36	0.58	2.52	3.10	0	np	0	0	0

61

SAMPLE	BOHID	FROM (ft)	TO (ft)	INT. (ft)	REC.# (ft)	ACT REC	REC. (%)	ROCK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/ton)	Au (g/ton)	250L Fe	2100hm. Fe	TOTAL Fe	Weathering	Porous/Nonporous	Core Oxidation	Split Oxidation	Total Oxidation
30763	B7G-09	183.6	187.5	3.9	4.3	3.9	100	4A4	2.8	4.41	1.29	3.12	25.0	0.65	0.57	7.03	7.60	0	np	0	0	0
30764	B7G-09	187.5	191.0	3.5	4.0	3.5	100	4A4	3	7.09	2.30	5.59	37.0	0.51	1.02	3.75	4.77	0	[illegible]	0	0	0
30765	B7G-09	191.0	193.8	2.8	4.0	2.8	100	4A4	2.7	3.88	1.18	2.70	23.0	0.34	0.95	2.93	3.60	0	np	0	0	0
30766	B7G-09	193.8	203.5	9.7	11.0	9.7	100	4A04	2.8	4.99	1.66	3.33	25.0	0.58	1.86	5.09	6.95	0	np	0	0	0
30777	B7G-09	245.2	247.2	2.0	2.2	2.0	100	4A44	4.1	20.17	11.10	9.07	118.0	2.11	7.90	20.50	25.40	0	np	0	0	0
30778	B7G-09	247.2	252.0	4.8	2.2	2.2	46	4A4	3.2	12.07	5.28	6.79	89.0	0.80	1.71	8.27	9.98	0	np	0	0	0
30779	B7G-09	252.0	256.5	4.5	4.1	4.1	91	4A4	2.9	10.25	3.29	6.96	58.0	0.38	2.80	6.16	8.96	0	np	0	0	0
30780	B7G-09	256.5	261.3	4.8	4.8	4.8	100	4A4	2.9	8.96	2.93	6.03	56.0	0.51	0.99	4.72	5.71	0	np	0	0	0
30781	B7G-09	261.3	265.8	4.5	5.1	4.5	100	4A4	2.8	8.43	2.31	6.12	43.0	0.34	1.05	4.87	5.92	0	np	0	0	0
30782	B7G-09	265.8	270.7	4.9	5.0	4.9	100	4A4	2.7	7.50	1.92	5.66	37.0	0.38	2.13	3.05	5.18	0	np	0	0	0
30783	B7G-09	270.7	275.3	4.6	5.1	4.6	100	4A4	2.8	6.10	1.90	4.20	32.0	0.24	2.14	1.94	4.08	0	np	0	0	0
30784	B7G-09	275.3	279.0	3.7	4.8	3.7	100	5D4&(4A4)	3.1	8.63	3.03	5.60	50.0	0.65	3.00	10.98	13.90	0	np	0	0	0
30785	B7G-09	279.0	282.0	3.0	3.7	3.0	100	4A4	3.1	2.57	1.05	1.52	19.0	0.69	6.58	11.52	18.10	0	np	0	0	0
30786	B7G-09	282.0	286.0	4.0	3.7	3.7	92	4A4	2.9	4.50	1.63	2.87	31.0	0.72	4.67	8.83	13.50	0	np	0	0	0
30787	B7G-09	286.0	287.8	1.8	4.9	1.8	100	5A4	3.6	17.68	7.38	10.30	124.0	1.50	1.67	16.53	18.20	0	np	0	0	0
30788	B7G-09	287.8	291.0	3.2	3.2	3.2	100	4A4	2.9	4.32	1.39	2.93	23.0	0.27	4.71	4.33	9.04	0	np	0	0	0
30789	B7G-09	291.0	295.0	4.0	3.0	3.0	75	4A4	3.1	8.33	2.64	5.69	40.0	0.45	2.27	7.48	9.75	0	np	0	0	0
30790	B7G-09	295.0	298.8	3.8	5.0	3.8	100	4A43	2.9	8.42	2.58	5.84	52.0	0.79	1.18	16.62	17.80	0	np	0	0	0
30791	B7G-09	298.8	302.9	4.1	4.8	4.1	100	4A43	2.8	5.34	1.62	3.68	37.0	0.55	1.35	10.65	12.00	0	np	0	0	0
30792	B7G-09	302.9	307.5	4.6	5.0	4.6	100	4B54	3.5	15.01	4.71	10.30	104.0	0.89	2.33	17.67	20.00	0	np	0	0	0
30793	B7G-09	307.5	311.5	4.0	5.0	4.0	100	4B54	3.2	11.42	3.45	7.97	68.0	0.75	1.33	13.77	15.10	0	np	0	0	0
30794	B7G-09	311.5	315.8	4.3	4.9	4.3	100	4A4	3.3	10.99	3.83	7.16	70.0	1.03	1.27	15.93	17.20	0	np	0	0	0
30795	B7G-09	315.8	320.2	4.4	5.0	4.4	100	4A43	3.1	11.49	4.20	7.29	66.0	0.93	1.11	12.09	13.20	0	np	0	0	0
30796	B7G-09	320.2	324.2	4.0	5.0	4.0	100	4A43	3.2	15.55	5.74	9.81	93.0	0.96	1.88	8.62	10.50	0	np	0	0	0
30797	B7G-09	324.2	330.9	6.7	4.9	4.9	73	5D4?	3.7	7.87	2.62	5.25	47.0	0.45	7.96	10.14	18.10	0	np	0	0	0
30121	B7G-10	293.2	298.6	5.4	5.6	5.4	100	4E4	4.3	25.54	9.24	16.30	153.0	1.41	2.98	21.02	24.00	0	np	0	0	0
30122	B7G-10	298.6	303.1	4.5	5.2	4.5	100	4B0	3.3	7.14	2.76	4.38	40.0	0.82	2.40	11.70	14.10	0	np	0	0	0
30123	B7G-10	303.1	307.6	4.5	5.2	4.5	100	4B0	3	6.61	2.28	4.33	27.0	0.55	3.14	5.41	8.55	0	np	0	0	0
30124	B7G-10	307.6	312.6	5.0	5.3	5.0	100	4A4	2.8	8.35	2.44	5.91	36.0	0.31	0.90	3.58	4.48	0	np	0	0	0
30125	B7G-10	312.6	317.1	4.5	5.3	4.5	100	4A4	2.8	7.97	2.27	5.70	35.0	0.41	1.06	3.47	4.53	0	np	0	0	0
30126	B7G-10	317.1	321.2	4.1	4.3	4.1	100	5B621	2.8	3.05	0.92	2.13	17.0	0.10	2.35	0.93	3.28	0	np	0	0	0
30127	B7G-10	321.2	325.0	3.8	4.4	3.8	100	5B621	2.8	4.37	1.79	2.58	26.0	0.41	1.30	1.56	2.86	0	np	0	0	0
30128	B7G-10	325.0	326.7	1.7	1.4	1.4	82	4A4	2.9	6.62	4.52	2.10	69.0	0.96	3.05	5.05	8.10	0	np	0	0	0
30129	B7G-10	326.7	330.1	3.4	3.9	3.4	100	5D62	2.8	1.25	0.37	0.88	7.0	0.14	2.02	1.54	3.56	0	np	0	0	0
30130	B7G-10	330.1	334.2	4.1	4.9	4.1	100	4A0	2.9	5.38	1.52	3.86	28.0	0.34	3.16	8.94	12.10	0	np	0	0	0
30131	B7G-10	334.2	337.8	3.6	4.5	3.6	100	4A4	3	10.11	3.72	6.39	59.0	0.65	1.57	9.83	11.40	0	np	0	0	0
30132	B7G-10	337.8	342.0	4.2	4.3	4.2	100	4A4	3.3	15.26	5.57	9.69	87.0	1.47	1.39	11.41	12.80	0	np	0	0	0
30133	B7G-10	342.0	346.0	4.0	4.6	4.0	100	4A43	2.9	3.01	1.18	1.83	25.0	0.38	3.28	7.12	10.40	0	np	0	0	0
30134	B7G-10	365.0	367.9	2.9	3.7	2.9	100	4A4	3	6.52	2.11	4.41	43.0	0.48	1.28	9.56	10.80	0	np	0	0	0
30135	B7G-10	367.9	373.3	5.4	6.3	5.4	100	4B0	3.1	6.43	1.82	4.61	42.0	0.62	0.93	11.97	12.90	0	np	0	0	0
30136	B7G-10	373.3	378.1	4.8	5.2	4.8	100	4A44	3	16.50	5.20	11.30	89.0	1.03	1.48	7.51	8.95	0	np	0	0	0
30137	B7G-10	378.1	382.7	4.6	5.2	4.6	100	4A44	3.4	24.50	7.60	16.90	127.0	1.07	2.19	9.21	11.40	0	np	0	0	0
30138	B7G-10	382.7	387.3	4.6	5.2	4.6	100	4A44	3.4	22.22	7.52	14.70	112.0	1.29	2.24	11.16	13.40	0	np	0	0	0
30139	B7G-10	387.3	392.7	5.4	6.5	5.4	100	4B5	3.2	10.11	3.58	6.53	57.0	0.51	3.77	7.83	11.60	0	np	0	0	0
30140	B7G-10	392.7	397.0	4.3	5.3	4.3	100	5D44	2.9	6.30	0.74	5.56	13.0	0.14	8.71	1.99	10.70	0	np	0	0	0
30141	B7G-10	397.0	400.0	3.0	3.1	3.0	100	4A4	3.1	10.74	3.82	6.92	70.0	0.53	3.70	8.80	12.50	0	np	0	0	0
30798	B7G-11	133.5	136.0	2.5	3.2	2.5	100	4A4	2.8	6.59	2.70	3.89	39.0	0.41	0.75	2.87	3.62	2	np	0	0	2
30799	B7G-11	136.0	141.0	5.0	1.1	1.1	22	4A4	2.8	6.59	2.70	3.89	39.0	0.58	0.75	2.87	3.62	2	np	0	0	2
30800	B7G-11	141.0	146.0	5.0	3.3	3.3	66	4A4	2.7	5.15	1.42	3.73	30.0	0.31	0.74	6.14	6.88	1	np	0	0	1
30801	B7G-11	146.0	149.0	3.0	4.4	3.0	100	4A4	2.8	5.00	1.53	3.47	34.0	0.27	0.62	5.11	5.73	1	np	0	0	1
30802	B7G-11	149.0	152.0	3.0	3.2	3.0	100	4A4	2.9	9.26	2.38	6.88	46.0	0.24	0.99	4.32	5.31	1	np	0	0	1
30803	B7G-11	152.0	156.0	4.0	3.9	3.9	97	4A4	3.1	8.26	2.84	5.42	48.0	1.13	1.19	10.61	11.80	1	np	0	0	1
30804	B7G-11	156.0	159.0	3.0	5.0	3.0	100	4A4	2.9	11.68	4.40	7.28	30.0	0.75	2.28	4.20	6.48	1	np	0	0	1
30805	B7G-11	159.0	164.1	5.1	5.7	5.1	100	4A4	2.6	5.78	1.75	4.03	65.0	0.21	3.72	4.32	8.04	1	np	0	0	1
30806	B7G-11	164.1	167.6	3.5	5.3	3.5	100	4A4	2.8	6.48	1.68	4.80	28.0	0.34	1.28	4.99	6.27	1	np	0	0	1
30825	B7G-11	238.4	241.8	3.4	4.7	3.4	100	4A8	3	3.36	1.04	2.32	27.0	0.55	0.59	8.42	9.01	0	np	0	0	0

G1

SAMPLE	BOREID	FROM (ft)	TO (ft)	INT. (ft)	REC.* (ft)	ACT REC	REC. (%)	RECK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/ton)	Cu (g/ton	LEACH Fe	LEACH Fe	TOTAL Fe	Weathering	Parent/ Igneous	Core Oxidation	Split Oxidation	Total Oxidation
36826	BTB-11	241.8	246.0	4.2	4.7	4.2	100	484	3	4.90	2.80	4.10	44.0	0.99	0.76	5.03	5.79	0	sp	0	0	0
36827	BTB-11	246.0	250.0	4.0	4.6	4.0	100	484	2.8	5.77	2.37	3.40	37.0	0.62	0.81	5.58	6.39	0	sp	0	0	0
36828	BTB-11	250.0	253.6	3.6	4.1	3.6	100	484	2.9	4.57	2.50	4.07	39.0	0.75	1.07	4.50	7.57	0	sp	0	0	0
36829	BTB-11	253.6	256.9	3.3	3.6	3.3	100	484	2.8	6.06	2.62	4.24	37.0	0.62	1.03	3.68	5.16	0	sp	0	0	0
36830	BTB-11	256.9	259.1	2.2	2.6	2.2	100	586	2.7	1.32	0.45	0.89	8.0	0.17	2.76	1.36	6.26	0	sp	0	0	0
36831	BTB-11	259.1	261.5	2.4	2.2	2.2	92	4C0	3	2.80	1.64	1.16	28.0	0.75	2.52	9.68	12.20	0	sp	0	0	0
36832	BTB-11	261.5	263.6	2.1	2.9	2.1	100	4EJ4	3.7	32.90	12.40	20.50	212.0	1.47	2.07	0.95	[illegible]	0	sp	0	0	0
36833	BTB-11	263.6	266.9	3.3	3.3	3.3	100	4B34	3.4	13.04	4.79	8.27	83.0	1.06	1.07	16.33	17.49	0	sp	0	0	0
36834	BTB-11	266.9	271.8	4.9	5.1	4.9	100	586	2.9	2.57	1.01	1.56	15.0	0.17	2.58	3.37	5.95	0	sp	0	0	0
36835	BTB-11	271.8	276.4	4.6	4.8	4.6	100	4B443	3.3	12.35	4.06	8.29	66.0	1.17	3.43	10.07	13.50	0	sp	0	0	0
36836	BTB-11	276.4	279.7	3.3	4.2	3.3	100	4B443	3.6	28.50	11.80	16.70	188.0	2.26	3.05	13.15	16.20	0	sp	0	0	0
36837	BTB-11	279.7	284.1	4.4	5.2	4.4	100	5B49	2.8	3.13	1.08	2.05	21.0	0.27	2.40	2.83	5.23	0	sp	0	0	0
36838	BTB-11	284.1	288.9	4.8	5.3	4.8	100	586A	2.9	4.60	1.09	2.91	25.0	0.34	3.34	5.11	8.45	0	sp	0	0	0
36839	BTB-11	288.9	292.4	3.5	4.1	3.5	100	484	3	5.60	1.88	3.72	30.0	0.55	2.22	9.58	11.80	0	sp	0	0	0
36840	BTB-11	292.4	295.6	3.2	4.0	3.2	100	484	3.2	10.87	2.93	7.94	64.0	0.62	1.97	11.83	13.80	0	sp	0	0	0
36841	BTB-11	295.6	299.3	3.7	4.2	3.7	100	488	2.9	6.58	1.89	4.65	38.0	0.31	4.01	5.05	9.06	0	sp	0	0	0
36900	BTB-12	172.3	177.1	4.8	4.9	4.8	100	484	2.9	3.71	1.20	2.57	21.0	0.41	1.35	9.45	10.80	0	sp	0	0	0
36909	BTB-12	177.1	181.0	3.9	4.9	3.9	100	484	2.8	7.07	2.02	5.05	38.0	0.48	0.70	6.42	7.12	0	sp	0	0	0
36910	BTB-12	181.0	185.0	4.0	4.0	4.0	100	484	3.1	3.25	1.11	2.14	21.0	0.48	0.44	6.50	6.94	0	sp	0	0	0
36911	BTB-12	185.0	189.0	4.0	1.6	1.6	40	484	2.8	6.37	2.00	3.57	40.0	0.55	0.46	7.66	8.12	0	sp	0	0	0
36912	BTB-12	189.0	191.2	2.2	2.0	2.0	91	484	2.8	6.85	1.45	5.40	23.0	0.38	0.83	7.76	8.59	0	sp	0	0	0
36913	BTB-12	191.2	195.6	4.4	5.4	4.4	100	484	2.7	4.36	1.13	3.23	17.0	0.34	0.57	4.80	5.37	0	sp	0	0	0
36914	BTB-12	195.6	200.0	4.4	4.7	4.4	100	484	2.8	6.62	2.05	4.57	31.0	0.58	6.44	3.96	10.40	0	sp	0	0	0
36915	BTB-12	200.0	203.8	3.8	4.6	3.8	100	484	2.6	7.35	2.55	4.80	37.0	0.41	0.68	7.34	8.02	0	sp	0	0	0
36916	BTB-12	203.8	207.7	3.9	4.9	3.9	100	484	2.7	6.15	2.30	3.85	35.0	0.62	0.63	7.40	8.03	0	sp	0	0	0
36917	BTB-12	207.7	211.8	4.1	4.5	4.1	100	484	2.7	5.76	2.22	3.54	32.0	0.69	0.53	6.36	6.89	0	sp	0	0	0
36918	BTB-12	211.8	215.6	3.8	4.8	3.8	100	484	2.8	8.97	3.72	5.25	48.0	1.23	0.72	7.95	8.67	0	sp	0	0	0
36919	BTB-12	215.6	220.0	4.4	4.6	4.4	100	484	2.9	7.75	1.72	6.01	25.0	0.82	0.80	4.47	5.27	0	sp	0	0	0
36920	BTB-12	220.0	224.3	4.3	4.6	4.3	100	484	2.7	8.32	2.63	5.69	34.0	1.03	0.78	6.53	7.31	0	sp	0	0	0
36921	BTB-12	224.3	228.6	4.3	4.5	4.3	100	484	2.9	7.14	2.15	4.99	30.0	0.38	0.65	8.33	8.98	0	sp	0	0	0
36922	BTB-12	228.6	232.4	3.8	4.9	3.8	100	484	2.9	7.01	2.12	4.89	54.0	0.62	0.70	6.42	7.12	0	sp	0	0	0
36923	BTB-12	232.4	236.9	4.5	4.7	4.5	100	484	3.1	7.11	2.95	4.16	46.0	0.55	0.78	9.80	10.58	0	sp	0	0	0
36924	BTB-12	236.9	241.0	4.1	4.7	4.1	100	484	2.9	6.53	2.09	4.44	42.0	0.59	0.62	9.98	10.60	0	sp	0	0	0
36925	BTB-12	241.0	244.0	3.0	4.8	3.0	100	484	2.9	4.69	1.57	3.12	32.0	0.58	0.83	9.02	9.55	0	sp	0	0	0
36926	BTB-12	244.0	248.4	4.4	5.0	4.4	100	484	2.9	4.30	1.34	2.96	28.0	0.45	0.53	11.37	11.90	0	sp	0	0	0
36927	BTB-12	248.4	252.6	4.2	4.7	4.2	100	484	2.7	6.57	2.45	4.12	42.0	0.69	0.57	8.37	8.94	0	sp	0	0	0
36928	BTB-12	252.6	256.9	4.3	4.8	4.3	100	484	2.7	7.86	2.70	5.16	50.0	0.75	0.74	6.55	7.29	0	sp	0	0	0
36929	BTB-12	256.9	261.0	4.1	5.0	4.1	100	484	2.8	9.21	3.20	6.01	46.0	0.72	0.98	9.20	10.18	0	sp	0	0	0
36930	BTB-12	261.0	264.3	3.3	3.5	3.3	100	484	3.1	13.99	4.95	9.04	88.0	1.10	3.62	6.48	10.10	0	sp	0	0	0
36931	BTB-12	264.3	268.5	4.2	4.8	4.2	100	484	2.7	7.42	2.67	4.75	46.0	0.65	0.75	7.54	8.29	0	sp	0	0	0
36932	BTB-12	268.5	272.6	4.1	4.5	4.1	100	484	2.7	7.71	2.29	5.42	36.0	0.65	0.77	5.81	6.58	0	sp	0	0	0
36933	BTB-12	272.6	276.4	3.8	4.6	3.8	100	484	2.8	6.56	2.49	4.07	37.0	0.72	0.79	7.48	8.27	0	sp	0	0	0
36934	BTB-12	276.4	281.2	4.8	5.0	4.8	100	484	2.8	7.28	2.42	4.86	80.0	0.62	0.78	7.53	8.23	0	sp	0	0	0
36935	BTB-12	281.2	285.7	4.5	4.7	4.5	100	484	2.9	5.29	1.62	3.67	27.0	0.45	0.57	7.06	7.63	0	sp	0	0	0
36936	BTB-12	285.7	289.3	3.6	4.5	3.6	100	484	2.7	1.86	0.67	1.19	13.0	0.69	0.32	8.83	9.15	0	sp	0	0	0
36937	BTB-12	289.3	292.9	3.6	4.8	3.6	100	484	2.9	4.73	2.51	2.21	49.0	1.20	0.40	7.72	8.20	0	sp	0	0	0
36938	BTB-12	292.9	297.0	4.1	4.7	4.1	100	484	2.9	6.06	2.05	4.01	32.0	0.38	0.66	4.39	5.05	0	sp	0	0	0
36939	BTB-12	297.0	301.4	4.4	4.5	4.4	100	484	2.7	5.79	1.68	4.02	28.0	0.41	0.75	6.40	7.15	0	sp	0	0	0
36940	BTB-12	301.4	305.5	4.1	4.7	4.1	100	484	2.8	5.94	1.53	4.41	31.0	0.51	3.37	7.13	10.50	0	sp	0	0	0
36941	BTB-12	305.5	307.0	1.5	1.8	1.5	100	485	2.9	5.04	1.71	3.33	14.0	0.21	3.07	3.71	6.78	0	sp	0	0	0
36565	BTB-13	346.5	349.0	2.5	2.8	2.5	100	484	2.6	4.39	1.92	2.47	15.0	0.34	1.68	2.16	3.84	0	sp	0	0	0
36566	BTB-13	349.0	353.3	4.3	5.2	4.3	100	586	2.8	2.71	1.30	1.48	8.0	0.21	2.90	3.74	6.64	0	sp	0	0	0
36567	BTB-13	353.3	357.8	4.5	4.8	4.5	100	4D0	3.1	5.16	2.51	2.65	32.0	0.62	3.25	9.65	12.90	0	sp	0	0	0
36568	BTB-13	357.8	363.1	5.3	5.6	5.3	100	5B67	2.9	0.71	0.37	0.33	0.8	0.14	4.17	2.88	7.05	0	sp	0	0	0
36569	BTB-13	363.1	366.8	3.7	3.8	3.7	100	4E4	3.5	9.67	4.06	5.61	71.0	1.60	1.24	18.06	19.90	0	sp	0	0	0
36570	BTB-13	366.8	370.2	3.4	4.4	3.4	100	4E4	3.2	6.87	3.03	3.84	51.0	1.37	0.62	17.48	18.10	0	sp	0	0	0

SAMPLE	BOREID	FROM (ft)	TO (ft)	INT. (ft)	REC.* (ft)	ACT REC	REC. (%)	ROCK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/tne)	Au (g/ton)	ZSOL Fe	ZINSOL Fe	TOTAL Fe	Weather-ing	Porous/ Nonporous	Core Oxidation	Split Oxidation	Total Oxidation
30571	B7G-13	370.2	374.4	4.2	5.0	4.2	100	4A4	3.1	6.78	2.39	4.39	41.0	0.25	3.66	8.04	11.70	0	np	0	0	0
30572	B7G-13	374.4	378.0	3.6	3.7	3.6	100	4A4	2.9	11.14	3.97	7.17	59.0	0.75	2.21	4.91	7.12	0	np	0	0	0
30573	B7G-13	378.0	382.0	4.0	4.3	4.0	100	4A4	2.7	7.96	2.30	5.66	42.0	0.34	1.74	7.30	9.04	0	np	0	0	0
30574	B7G-13	382.0	386.0	4.0	4.8	4.0	100	4A4	3.1	9.64	3.02	6.62	57.0	0.41	2.47	7.71	9.83	0	np	0	0	0
30575	B7G-13	386.0	389.5	3.5	3.7	3.5	100	4A4	3.1	8.01	2.70	5.31	46.0	0.75	1.53	11.07	12.60	0	np	0	0	0
30576	B7G-13	389.5	391.6	2.1	2.1	2.1	100	4B4	2.9	8.22	2.92	5.30	42.0	0.21	3.56	3.56	7.04	0	np	0	0	0
30579	B7G-14	176.5	181.6	5.1	5.0	5.0	98	4A4	2.6	5.07	1.52	3.55	28.0	0.21	0.84	1.51	2.35	0	np	0	0	0
30580	B7G-14	181.6	185.7	4.1	5.0	4.1	100	4A4	3	5.08	1.85	3.23	40.0	0.48	0.92	11.35	12.27	0	np	0	0	0
30581	B7G-14	185.7	190.0	4.3	5.0	4.3	100	4A0	2.8	3.71	1.08	2.63	21.0	0.14	0.85	2.69	3.54	0	np	0	0	0
30582	B7G-14	190.0	194.2	4.2	4.9	4.2	100	4B0	3	3.83	0.76	3.07	18.0	0.14	0.72	2.71	3.43	0	np	0	0	0
30583	B7G-14	194.2	199.5	5.3	5.1	5.1	96	4A4	2.9	4.05	1.32	2.73	25.0	0.36	0.68	2.26	2.94	0	np	0	0	0
30584	B7G-14	199.5	204.0	4.5	5.1	4.5	100	4A4	2.8	5.31	1.32	3.99	25.0	0.21	1.12	2.34	3.46	0	np	0	0	0
30585	B7G-14	204.0	208.4	4.4	4.9	4.4	100	4A4	2.9	6.69	1.91	4.78	32.0	0.27	1.16	5.34	6.50	0	np	0	0	0
30586	B7G-14	208.4	213.4	5.0	5.3	5.0	100	4A4	2.9	12.21	3.72	8.49	60.0	0.41	1.18	4.52	5.70	0	np	0	0	0
30587	B7G-14	213.4	217.6	4.2	5.0	4.2	100	4A4	2.8	10.29	3.06	7.29	47.0	0.48	3.06	1.21	4.27	0	np	0	0	0
30588	B7G-14	217.6	222.5	4.9	5.1	4.9	100	4A4	2.8	4.84	1.65	3.19	25.0	0.55	1.34	6.75	8.09	0	np	0	0	0
30589	B7G-14	222.5	227.0	4.5	5.0	4.5	100	4C	2.9	3.78	1.63	2.15	21.0	0.62	0.93	3.83	4.76	0	np	0	0	0
30590	B7G-14	227.0	230.5	3.5	4.6	3.5	100	4A	3	5.71	1.64	4.07	31.0	0.55	1.17	4.07	5.24	0	np	0	0	0
30591	B7G-14	230.5	234.9	4.4	3.7	3.7	84	4A4	3	4.94	1.16	3.78	21.0	0.62	1.01	6.38	7.39	0	np	0	0	0
30592	B7G-14	234.9	239.3	4.4	4.4	4.4	100	4A4	2.9	4.78	1.38	3.40	21.0	0.48	1.88	4.95	6.83	0	np	0	0	0
30593	B7G-14	263.0	267.0	4.0	4.6	4.0	100	4A	2.8	5.79	0.46	5.33	8.0	0.14	3.84	7.26	11.10	0	np	0	0	0
30594	B7G-14	267.0	270.3	3.3	3.5	3.3	100	4A	2.8	1.22	0.47	0.75	9.0	0.14	1.75	4.84	6.59	0	np	0	0	0
30610	B7G-14	270.3	272.7	2.4	3.3	2.6	100	4A	2.8	7.90	2.59	5.31	47.0	0.34	2.03	5.73	7.76	0	np	0	0	0
30609	B7G-14	272.7	277.3	4.6	5.5	4.6	100	4A	4.7	31.10	10.20	20.90	176.0	1.71	2.35	20.95	23.30	0	np	0	0	0
30590	B7G-14	373.9	376.7	2.8	2.5	2.5	89	4A4	2.9	5.27	1.75	3.52	31.0	0.21	2.63	2.51	5.14	0	np	0	0	0
30591	B7G-14	376.7	379.2	2.5	3.8	2.5	100	4A4	2.8	6.00	1.93	4.07	28.0	0.82	1.66	2.63	4.29	0	np	0	0	0
30592	B7G-15	181.3	187.0	5.7	2.3	2.3	40	4A4	3	5.48	1.78	3.70	34.0	0.00	1.08	11.02	12.10	0	np	0	0	0
30593	B7G-15	187.0	192.0	5.0	5.2	5.0	100	4A4	2.7	4.04	0.95	3.09	23.0	0.14	0.62	3.01	3.63	0	np	0	0	0
30613	B7G-15	292.9	310.4	17.5	19.5	17.5	100	SCo	2.7	0.25	0.16	0.09	6.0	0.05	6.23	0.07	6.30	0	np	0	0	0
30644	B7G-15	310.4	315.0	4.6	5.5	4.6	100	4A4	2.6	4.46	1.45	3.01	25.0	0.27	1.33	2.84	4.17	0	np	0	0	0
30645	B7G-15	315.0	320.0	5.0	4.9	4.9	98	4A4	2.9	6.63	1.93	4.70	31.0	0.34	0.80	10.20	10.20	0	np	0	0	0
30646	B7G-15	320.0	324.0	4.0	5.0	4.0	100	4A4	2.9	7.36	2.38	4.98	35.0	0.27	0.00	9.30	9.30	0	np	0	0	0
16980	B8G-01	194.7	199.0	4.3	5.2	4.3	100	4A4	3.1	12.62	4.62	8.00	74.0	0.89	1.61	8.89	10.50	0	np	0	0	0
16981	B8G-01	199.0	204.3	5.3	4.5	5.3	100	4A4	2.9	10.34	2.93	7.41	64.0	0.55	2.22	5.07	7.29	0	np	0	0	0
16982	B8G-01	204.3	208.2	3.9	5.3	3.9	100	4A4	2.8	5.94	1.84	4.10	32.0	0.34	0.75	4.58	5.33	0	np	0	0	0
16983	B8G-01	208.2	213.0	4.8	5.3	4.8	100	4A4	2.8	6.83	2.37	4.46	36.0	0.27	2.01	2.24	4.25	0	np	0	0	0
16984	B8G-01	213.0	216.0	3.0	5.0	3.0	100	SB6	2.7	3.00	1.58	1.82	19.0	0.34	2.39	3.28	5.67	0	np	0	0	0
16985	B8G-01	215.0	218.6	2.6	3.0	2.6	100	4L24	2.8	2.24	1.07	1.17	15.0	0.14	2.31	3.69	5.80	0	np	0	0	0
16986	B8G-01	218.6	224.2	5.6	6.0	5.6	100	5A6	2.9	1.97	0.51	1.46	9.0	0.10	4.69	4.30	8.99	0	np	0	0	0
16987	B8G-01	224.2	226.8	2.6	3.7	2.6	100	4A0	3.1	4.88	2.10	1.78	89.0	0.62	3.01	14.19	17.20	0	np	0	0	0
16988	B8G-01	226.8	231.3	4.5	4.9	4.5	100	4E4	3.8	20.35	7.85	12.50	132.0	1.65	2.05	19.75	21.80	0	np	0	0	0
16989	B8G-01	231.3	236.0	4.7	4.6	4.6	98	4E4	3.9	22.05	8.55	13.50	133.0	2.26	1.87	20.45	22.50	0	np	0	0	0
16990	B8G-01	236.0	239.5	3.5	4.2	3.5	100	4A0	3.5	8.69	2.43	6.26	51.0	0.75	1.09	16.91	18.00	0	np	0	0	0
16991	B8G-01	239.5	244.1	4.6	5.1	4.6	100	4A0	3.3	7.21	2.72	4.49	51.0	0.69	2.09	15.71	17.80	0	np	0	0	0
16992	B8G-01	272.2	277.3	5.1	6.0	5.1	100	4A0	2.7	7.56	2.40	5.16	45.0	0.48	1.25	7.35	8.60	0	np	0	0	0
16993	B8G-01	277.3	280.5	3.2	4.1	3.2	100	4A4	3.5	12.13	3.48	8.65	72.0	0.41	3.21	16.69	19.90	0	np	0	0	0
16994	B8G-01	280.5	284.2	3.7	5.1	3.7	100	4A4	3	10.79	2.78	8.01	55.0	0.55	3.53	7.37	10.90	0	np	0	0	0
16995	B8G-01	284.2	289.0	4.8	5.3	4.8	100	4A4	3.2	11.70	2.91	8.79	58.0	0.62	6.58	8.02	14.60	0	np	0	0	0
16982	B8G-02	192.2	194.7	2.5	2.3	2.3	92	4A	3.4	11.57	5.19	6.38	38.0	1.03	1.04	18.66	19.70	2	np	0	0	2
16983	B8G-02	194.7	198.5	3.8	3.5	3.5	92	4A4	3.2	13.60	4.23	9.37	30.0	0.55	1.32	9.18	10.50	0	np	0	0	0
16984	B8G-02	198.5	202.0	3.5	3.4	3.4	97	4A4	3.3	21.58	7.58	14.00	51.0	1.10	1.45	10.45	11.90	0	np	0	0	0
16987	B8G-04	275.0	277.2	2.2	2.6	2.2	100	4A3C	3.4	17.47	6.17	11.30	120.0	1.53	1.45	14.05	15.70	0	np	0	0	0
16988	B8G-04	277.2	282.8	4.8	5.0	4.8	100	4A0	3.4	9.66	2.14	3.52	40.0	0.96	1.89	18.51	20.40	0	np	0	0	0
16989	B8G-04	282.8	287.0	5.0	5.0	5.0	100	4A0	3.3	4.31	2.17	2.14	55.0	1.58	1.11	17.69	18.80	0	np	0	0	0
16990	B8G-04	287.0	292.0	5.0	7.2	5.0	100	4A0	3.3	8.07	2.73	5.34	47.0	1.13	1.69	15.41	17.10	0	np	0	0	0

* Note: Recovery is measured as the total interval occupied by the core as it lies in the core box.

G2

GRUM METALLURGICAL COMPOSITE INTERVALS
1987 & 1988 DIAMOND DRILLING PROGRAMS

17-May-89

Composite Number :G2 Estimate of Composite Weight: 217 KILOGRAMS
Description: Dominately non-carbonaceous ore types - 4d (minor 4c) - selected intervals contain numerous samples and have total extraction (nr = 1
Total Intervals: 93

SAMPLE #/GRID	FROM (ft)	TO (ft)	INT. (ft)	REC.e (ft)	ACT REC	REC. (%)	ROCK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/tonne)	Au (g/tonne	ZERO Fe	ELEMENTAL Fe	FERRIC Fe	Weather-ing	Porous/ Nonporous	Core Oxidation	Split Oxidation	Total Oxidation
TOTALS			382.1	389.3	342.1	89.5															
58 & INTERVAL LENGTH WEIGHTED AVERAGE:								3.07	10.17	3.80	6.38	63.71	0.82	4.18	7.11	11.30					
30497 B7G-04	158.7	162.0	3.3	4.8	3.3	100	400	3	5.55	3.40	2.15	53.0	0.62	5.90	8.30	14.20	0	np	0	0	0
30498 B7G-04	162.0	168.2	6.2	9.2	6.2	100	400	2.8	3.16	1.28	1.88	27.0	0.41	4.60	7.90	12.50	0	np	0	0	0
30499 B7G-04	168.2	172.0	3.8	5.0	3.8	100	400	3	3.34	0.53	2.81	12.0	0.27	4.06	9.64	13.70	0	np	0	0	0
30505 B7G-04	194.0	197.5	3.5	2.5	2.5	71	405	2.8	6.55	4.45	2.10	71.0	1.03	0.95	2.47	3.42	0	np	0	0	0
30506 B7G-04	197.5	202.0	4.5	4.6	4.5	100	405	3	6.83	2.69	4.14	37.0	1.37	2.36	5.33	7.69	0	np	0	0	0
30507 B7G-04	202.0	206.5	4.5	4.3	4.3	96	405	2.8	3.51	1.29	2.22	20.0	0.96	2.35	5.88	8.23	0	np	0	0	0
30508 B7G-04	206.5	211.6	5.1	5.3	5.1	100	400	3	7.27	2.08	4.39	43.0	1.13	3.09	5.52	8.61	0	np	0	0	0
30479 B7G-08	212.5	217.0	4.5	4.0	4.0	89	400	3.2	6.57	2.04	3.73	49.0	0.89	1.02	14.58	15.60	1	np	0	0	1
30480 B7G-08	217.0	222.0	5.0	3.7	3.7	74	40	3.1	6.29	1.72	4.57	27.0	0.34	4.36	5.74	12.10	1	np	0	0	1
30481 B7G-08	222.0	227.0	5.0	2.9	2.9	58	404	2.6	7.70	2.06	5.64	40.0	0.31	1.67	2.87	4.74	1	np	0	0	1
30482 B7G-08	227.0	232.0	5.0	2.0	2.0	40	100	3.4	2.41	0.66	1.75	11.0	0.10	9.12	8.38	17.50	1	np	0	0	1
30483 B7G-08	232.0	237.0	5.0	4.3	4.3	86	4034	3.2	9.86	3.96	5.90	60.0	0.79	1.02	12.28	13.30	1	np	0	0	1
30484 B7G-08	237.0	242.0	5.0	2.0	2.0	40	4034	3.2	11.31	4.64	6.67	72.0	0.79	0.97	12.03	13.00	1	np	0	0	1
30485 B7G-08	242.0	247.0	5.0	2.0	2.0	40	4034	3.2	16.62	7.18	9.44	95.0	1.20	1.80	6.79	8.59	1	np	0	0	1
30486 B7G-08	247.0	252.0	5.0	1.3	1.3	26	4034	3.2	11.62	3.91	7.71	56.0	0.45	7.45	4.85	12.30	1	np	0	0	1
30548 B7G-10	194.2	197.0	2.8	3.5	2.8	100	5C4	3.1	6.95	0.19	6.76	11.0	0.07	14.40	3.50	17.90	0	np	0	0	0
30549 B6G-10	197.0	199.8	2.8	2.8	2.8	100	4044	2.9	9.08	3.38	6.58	63.0	0.38	3.84	2.91	6.75	0	np	0	0	0
30550 B6G-10	199.8	203.4	3.6	4.3	3.6	100	4044	2.8	12.43	3.78	8.65	73.0	0.24	3.42	4.23	7.65	0	np	0	0	0
30101 B7G-10	203.4	205.9	2.5	2.8	2.5	100	5044	3.2	3.34	0.61	2.73	11.0	0.10	10.90	3.60	14.50	0	np	0	0	0
30102 B7G-10	205.9	210.5	4.6	4.5	4.5	98	400	3	9.87	2.73	7.14	60.0	0.24	4.30	3.93	8.31	0	np	0	0	0
30106 B7G-10	223.5	227.7	4.2	4.4	4.2	100	400	3	9.42	3.84	5.58	63.0	0.48	5.05	4.95	10.60	0	np	0	0	0
30107 B7G-10	227.7	232.0	4.3	5.1	4.3	100	400	2.9	5.99	2.40	3.59	42.0	0.55	4.52	4.29	8.81	0	np	0	0	0
30108 B7G-10	232.0	236.4	4.4	4.1	4.1	93	400	3	10.78	3.77	7.01	70.0	0.59	3.16	2.71	5.87	0	np	0	0	0
30109 B7G-10	236.4	240.6	4.2	5.1	4.2	100	5C4	2.7	1.41	0.32	1.09	9.0	0.07	7.86	0.75	8.61	0	np	0	0	0
30110 B7G-10	240.6	244.0	3.4	4.4	3.4	100	404	3.1	10.75	3.69	7.06	69.0	0.81	6.21	5.99	12.20	0	np	0	0	0
30111 B7G-10	244.0	247.8	3.8	4.0	3.8	100	40065	2.9	6.39	2.17	4.22	30.0	0.21	3.79	4.50	8.29	0	np	0	0	0
30817 B7G-11	206.9	210.3	3.4	3.5	3.4	100	403	3.4	9.07	3.44	5.63	47.0	0.89	2.45	16.05	18.50	0	np	0	0	0
30818 B7G-11	210.3	214.7	4.4	4.8	4.4	100	400	3	8.31	3.22	5.09	53.0	0.34	2.57	4.84	7.41	0	np	0	0	0
30819 B7G-11	214.7	218.7	4.0	5.0	4.0	100	400	3.1	14.47	6.78	7.69	111.0	0.93	2.36	3.81	6.65	0	np	0	0	0
30820 B7G-11	218.7	222.7	4.0	4.9	4.0	100	400	2.8	5.41	2.31	3.10	34.0	0.31	1.25	2.63	3.88	0	np	0	0	0
30821 B7G-11	222.7	226.0	3.3	3.9	3.3	100	400	2.8	7.80	2.45	4.55	32.0	0.27	5.42	2.03	7.45	0	np	0	0	0
30822 B7G-11	226.0	229.7	3.7	4.8	3.7	100	400	2.9	9.43	3.50	5.93	56.0	0.40	1.54	4.64	6.18	0	np	0	0	0
30823 B7G-11	229.7	233.5	3.8	4.8	3.8	100	400	3	9.62	3.39	6.23	46.0	0.51	1.63	2.63	4.26	0	np	0	0	0
30824 B7G-11	233.5	238.4	4.9	4.5	4.5	92	400	2.8	10.04	3.44	6.60	52.0	0.42	3.01	2.94	5.95	0	np	0	0	0
30019 B7G-13	167.6	172.6	5.0	6.7	5.0	100	400	2.9	7.93	2.21	5.72	47.0	0.21	4.55	4.57	9.12	0	np	0	0	0
30020 B7G-13	172.0	177.0	5.0	6.5	5.0	100	400	2.8	8.94	2.52	6.42	43.0	0.07	3.82	4.97	8.79	0	np	0	0	0
30021 B7G-13	177.0	182.0	5.0	5.2	5.0	100	400	2.9	10.87	3.17	7.70	51.0	0.07	2.49	0.75	3.24	0	np	0	0	0
30022 B7G-13	182.0	184.4	2.4	2.2	2.2	92	400	2.9	6.29	1.29	5.00	78.0	0.07	0.81	1.34	5.35	0	np	0	0	0
30038 B7G-13	209.3	213.9	4.6	2.7	2.7	59	406	2.9	7.68	2.64	5.04	46.0	0.07	2.29	4.24	6.53	0	np	0	0	0
30051 B7G-13	213.9	219.4	5.5	4.9	4.9	89	400	2.9	7.31	2.28	5.03	39.0	0.14	3.01	4.06	7.07	0	np	0	0	0
30032 B7G-13	219.4	221.0	1.6	1.0	1.6	100	5C	2.8	7.14	1.09	6.05	21.0	0.14	5.61	2.71	8.32	0	np	0	0	0
30033 B7G-13	221.0	226.5	5.5	5.9	5.5	100	400	2.8	7.34	2.27	5.07	40.0	0.34	1.60	3.61	5.71	0	np	0	0	0

SAMPLE	BOREHOLE	FROM (ft)	TO (ft)	INT. (ft)	REC.* (ft)	ACT REC (%)	REC. (%)	ROCK TYPE	PULP S.G.	Ag (ppm)	Pb (%)	Zn (%)	Au (g/ton)	Au (g/ton)	200# Fe	100#Mesh Fe	200#Mesh Fe	Weather-ing	Process/ Resources	Core Oxidation	Split Oxidation	Total Oxidation
30034	BTG-13	226.5	231.5	5.0	3.3	3.3	66	404	3	17.70	5.90	11.80	160.0	0.62	3.09	3.81	8.90	0	np	0	0	0
30035	BTG-13	231.5	236.0	4.5	5.0	4.5	100	404	2.8	8.12	2.65	5.47	49.0	0.48	1.58	5.64	7.20	0	np	0	0	0
30036	BTG-13	236.0	241.5	5.5	3.0	3.0	55	400	2.8	7.16	2.60	4.56	41.0	0.27	1.58	2.43	3.87	0	np	0	0	0
30037	BTG-13	241.5	244.4	2.9	4.3	2.9	100	400	2.8	5.03	1.58	3.45	25.0	0.34	1.28	2.17	3.47	0	np	0	0	0
30038	BTG-13	244.4	246.5	2.1	2.1	2.1	100	SC	2.8	4.98	0.88	6.90	2.0	0.05	6.98	0.83	7.81	0	np	0	0	0
30039	BTG-13	246.5	251.2	4.7	5.2	4.7	100	400	2.9	8.22	2.62	5.60	43.0	0.34	1.85	1.98	3.78	0	np	0	0	0
30040	BTG-13	251.2	255.5	4.3	5.6	4.3	100	400	2.8	5.12	1.92	3.20	32.0	0.41	1.67	2.16	5.83	0	np	0	0	0
30041	BTG-13	255.5	260.0	4.5	5.5	4.5	100	404	2.9	9.73	3.05	6.60	46.0	0.41	3.06	4.66	7.72	0	np	0	0	0
30043	BTG-13	262.0	264.5	2.5	2.6	2.5	100	404	3	13.50	4.31	9.27	75.0	0.55	2.58	2.99	5.57	0	np	0	0	0
30047	BTG-13	272.5	275.5	3.0	3.4	3.0	100	404	2.9	7.73	2.05	5.68	39.0	0.21	2.64	2.73	5.37	0	np	0	0	0
30048	BTG-13	275.5	280.2	4.7	5.2	4.7	100	404	3	10.86	4.07	6.75	63.0	0.90	4.69	11.21	17.90	0	np	0	0	0
30050	BTG-13	281.8	284.7	2.9	3.1	2.9	100	404	3.3	11.69	3.87	7.81	66.0	0.75	2.13	9.47	11.60	0	np	0	0	0
30051	BTG-13	284.7	288.4	3.7	3.5	3.5	95	404	2.9	10.57	4.59	5.98	84.0	0.41	3.41	5.08	8.49	0	np	0	0	0
30052	BTG-13	288.4	291.2	2.8	4.1	2.8	100	404	2.9	10.75	3.49	7.26	61.0	0.41	2.58	4.06	6.64	0	np	0	0	0
30053	BTG-13	291.2	294.6	3.4	3.8	3.4	100	404	2.9	10.96	3.49	7.67	61.0	0.45	2.80	3.51	6.31	0	np	0	0	0
30057	BTG-13	308.5	311.2	2.7	3.3	2.7	100	4E4	3.4	10.36	3.22	7.14	66.0	0.55	3.80	16.90	20.70	0	np	0	0	0
30058	BTG-13	311.2	317.3	6.1	7.1	6.1	100	SC	2.9	0.62	0.16	0.46	4.0	0.34	9.97	2.33	12.30	0	np	0	0	0
30059	BTG-13	317.5	323.2	5.9	5.5	5.5	93	SC	2.8	1.08	0.31	0.77	10.0	0.14	6.61	3.39	10.00	0	np	0	0	0
30060	BTG-13	323.2	328.9	5.7	6.8	5.7	100	4E4	3.4	10.03	5.11	4.92	93.0	1.02	1.63	17.67	19.30	0	np	0	0	0
30061	BTG-13	328.9	332.5	3.6	3.9	3.6	100	4E34	3.8	14.42	4.02	10.40	83.0	1.23	14.20	15.90	30.10	0	np	0	0	0
30062	BTG-13	332.5	337.5	5.0	5.4	5.0	100	404	2.6	9.78	3.48	6.30	49.0	0.62	2.26	3.59	5.85	0	np	0	0	0
30063	BTG-13	337.5	342.2	4.7	4.4	4.4	94	404	2.9	10.53	4.11	6.42	70.0	0.82	2.17	9.63	11.80	0	np	0	0	0
30064	BTG-13	342.2	346.5	4.3	4.6	4.3	100	400	2.9	5.37	1.79	3.58	35.0	0.27	3.43	4.15	7.78	0	np	0	0	0
30034	BTG-14	346.8	351.0	4.2	4.9	4.2	100	4044	3.1	16.77	6.80	9.97	105.0	0.96	3.09	5.74	8.83	0	np	0	0	0
30035	BTG-14	351.0	354.1	3.1	3.1	3.1	100	4044	3.7	28.70	11.60	17.10	186.0	1.92	3.44	11.76	15.20	0	np	0	0	0
30036	BTG-14	354.1	358.5	4.4	5.0	4.4	100	4044	3.4	24.00	9.00	15.00	170.0	0.96	4.48	4.22	8.70	0	np	0	0	0
30037	BTG-14	358.5	362.8	4.3	4.6	4.3	100	4044	3.4	27.11	8.64	18.50	146.0	0.90	5.04	3.18	8.24	0	np	0	0	0
30038	BTG-14	362.8	371.3	8.5	9.6	8.5	100	SC4	2.9	0.37	0.15	0.22	8.0	0.07	4.24	0.84	6.88	0	np	0	0	0
30039	BTG-14	371.3	373.9	2.6	2.8	2.6	100	4044	3.4	26.71	9.61	17.10	181.0	0.96	5.95	4.75	10.70	0	np	0	0	0
30442	BTG-16	124.0	129.0	5.0	3.6	3.6	72	480	3	7.94	3.23	8.71	60.0	0.42	6.13	6.35	12.50	2	np	0	0	2
30443	BTG-16	129.0	132.0	3.0	1.5	1.5	50	400	3	7.23	3.03	4.20	53.0	1.30	4.55	11.65	16.20	2	np	0	0	2
30444	BTG-16	132.0	137.0	5.0	3.2	3.2	64	480	2.9	4.58	1.96	2.62	28.0	0.21	4.01	3.26	7.27	2	np	0	0	2
30445	BTG-16	137.0	142.0	5.0	3.2	3.2	64	400	3.4	10.42	5.09	5.33	87.0	1.30	21.00	1.00	22.00	1	np	0	0	1
30446	BTG-16	142.0	147.0	5.0	1.7	1.7	34	480	2.8	6.42	3.43	2.99	47.0	1.69	5.37	6.03	11.40	0	np	0	0	0
16920	BBG-05	210.2	212.3	2.1	1.9	1.9	90	4044	3.3	28.63	9.83	19.80	142.0	1.58	4.43	5.67	10.10	1	np	0	0	1
16921	BBG-05	212.3	213.9	1.6	2.5	1.6	100	4E4	3.4	15.01	6.79	8.22	108.0	1.65	1.99	11.51	13.50	1	np	0	0	1
16922	BBG-05	213.9	217.1	3.2	4.0	3.2	100	4C0	3.4	10.08	5.81	4.27	93.0	1.99	1.57	17.13	18.70	0	np	0	0	0
16923	BBG-05	217.1	220.0	2.9	3.8	2.9	100	4C0	3.3	7.17	4.96	2.21	78.0	1.78	1.58	17.52	19.10	0	np	0	0	0
16924	BBG-05	220.0	224.0	4.0	5.4	4.0	100	404	3.4	22.29	9.49	12.80	148.0	1.78	2.51	9.59	12.10	0	np	0	0	0
16925	BBG-05	224.0	228.4	4.4	5.1	4.4	100	4D4	3.6	13.37	5.35	8.02	85.0	1.78	1.65	18.45	20.10	0	np	0	0	0
16926	BBG-05	228.4	232.4	4.0	5.2	4.0	100	404	3.8	23.09	9.89	13.20	144.0	2.35	3.04	13.76	16.80	0	np	0	0	0
16927	BBG-05	232.4	235.4	3.0	3.7	3.0	100	4D44	3.6	26.27	8.57	17.70	139.0	1.51	2.93	11.77	14.70	0	np	0	0	0
16928	BBG-05	235.4	239.0	3.6	4.3	3.6	100	4D44	3.6	27.43	9.23	18.20	154.0	1.92	3.67	8.21	12.10	0	np	0	0	0
16929	BBG-05	239.0	242.9	3.9	5.2	3.9	100	4D4	3.4	18.45	7.25	11.20	120.0	2.40	5.55	8.65	14.20	0	np	0	0	0
16930	BBG-05	253.4	256.6	3.2	4.3	3.2	100	407	3.5	10.74	4.74	6.00	76.0	1.44	10.90	12.60	23.50	0	np	0	0	0
16931	BBG-05	256.6	259.9	3.3	3.8	3.3	100	4D44	3.5	21.91	8.71	13.20	145.0	2.06	3.33	10.07	13.40	0	np	0	0	0
16932	BBG-05	259.9	265.5	5.6	3.3	3.3	59	403	3.1	9.18	4.47	4.71	76.0	1.10	3.15	6.60	9.75	0	np	0	0	0
16933	BBG-06	265.5	269.3	3.8	4.7	3.8	100	403	3.4	4.06	1.92	2.14	31.0	1.82	1.35	18.85	20.20	0	np	0	0	0
16934	BBG-05	269.3	273.7	4.4	4.4	4.4	100	403	3.7	7.31	4.09	3.22	70.0	2.47	1.96	22.84	24.80	0	np	0	0	0
16935	BBG-05	273.7	276.3	2.6	4.6	2.6	100	403	3.5	4.13	1.91	2.22	48.0	1.71	4.77	19.73	24.50	0	np	0	0	0
16936	BBG-05	291.5	296.3	4.8	4.2	4.2	88	4E1	3.3	5.52	2.20	3.32	54.0	1.37	9.44	14.60	24.00	0	np	0	0	0

* Note : Recovery is measured as the total interval occupied by the core as it lies in the core box.
Recovery has been adjusted in the ACT REC column to correct the intervals where measured core recovery is greater than the drilled interval.
This occurs when the recovered core has been spread out in the core box.

G3

BRUN METALLURGICAL COMPOSITE INTERVALS
1987 & 1988 DIAMOND DRILLING PROGRAMS

17-Mar-89

Composite Number :COMP# G3 Estimate of Composite Weight: 191 KILOGRAMS

Description: Dominately massive pyritic +/- barite sulphide ore types - 4e and 4g - selected intervals contain mineralized samples and have total oxidation (or = 1

Total Intervals: 64

SAMPLE BORE#	FROM (ft)	TO (ft)	INT. (ft)	REC.* (ft)	ACT REC	REC. (%)	ROCK TYPE	PULP S.G.	% Pb+Zn	% Pb	% Zn	Ag (g/tne)	Au (g/tne)	ISSA Fe	IRGM Fe	TOTAL Fe	Weather-ing	Porous/ Manganese	Core Oxidation	Split Oxidation	Total Oxidation
TOTAL:			259.8	280	244.5	94.2															
SG & INTERVAL LENGTH WEIGHTED AVERAGE:								3.78	15.00	4.91	10.09	87.28	0.93	5.40	18.40	21.84					
30426 B76-03	194.8	197.0	2.2	2.6	2.2	100	4G4	3.9	17.63	5.73	11.90	95.0	0.82	3.84	9.86	13.30	0 np		0	0	0
30427 B76-03	197.0	203.0	6.0	7.7	6.0	100	5A196	2.7	1.51	0.50	1.01	11.0	0.55	1.78	5.73	7.51	0 np		0	0	0
30428 B76-03	203.0	208.0	5.0	5.1	5.0	100	4E4	4.1	22.54	8.54	14.00	148.0	1.58	1.67	22.93	24.60	0 np		0	0	0
30429 B76-03	208.0	213.1	5.1	5.6	5.1	100	4E4	4	16.01	5.91	10.10	91.0	1.92	2.35	27.95	30.30	0 np		0	0	0
30430 B76-03	214.6	217.4	2.8	3.9	2.8	100	4G4	4	12.00	3.50	8.50	59.0	1.10	0.53	8.07	8.60	0 np		0	0	0
30431 B76-03	217.4	220.8	3.4	3.1	3.1	91	4E44	4.4	28.00	11.00	17.00	153.0	1.44	7.44	17.76	25.20	0 np		0	0	0
30432 B76-03	220.8	225.0	4.2	5.0	4.2	100	4G4	4.4	14.95	5.49	9.46	109.0	0.89	0.74	14.66	15.40	0 np		0	0	0
30433 B76-03	225.0	229.0	4.0	4.8	4.0	100	4G4	4.5	12.04	3.99	8.05	97.0	0.96	0.47	16.35	16.89	0 np		0	0	0
30434 B76-03	229.0	233.5	4.5	4.6	4.5	100	4E4	4.3	12.72	4.04	7.00	91.0	1.13	8.79	8.11	16.90	0 np		0	0	0
30435 B76-03	233.5	238.1	4.6	5.0	4.6	100	4E4	4.5	9.96	3.75	6.21	72.0	0.96	0.40	19.90	20.30	0 np		0	0	0
30436 B76-03	238.1	242.1	4.0	5.0	4.0	100	4E4	4.4	12.19	5.04	7.15	96.0	1.37	0.88	28.92	29.80	0 np		0	0	0
30437 B76-03	242.1	246.5	4.4	5.0	4.4	100	4E4	4.5	11.53	4.78	6.75	113.0	1.30	0.64	31.46	32.10	0 np		0	0	0
30438 B76-03	246.5	250.5	4.0	4.2	4.0	100	4E4	3.9	4.18	2.47	1.69	61.0	1.10	1.42	32.98	34.40	0 np		0	0	0
30439 B76-03	250.5	254.8	4.3	4.9	4.3	100	3G0	2.8	0.18	0.06	0.12	4.0	0.14	2.00	2.34	4.34	0 np		0	0	0
30440 B76-03	254.8	258.4	3.6	4.5	3.6	100	4E4	4.2	9.95	4.90	5.05	66.0	0.96	1.57	31.93	33.50	0 np		0	0	0
30441 B76-03	258.4	262.0	3.6	4.3	3.6	100	4E4	4.5	14.49	5.53	8.96	92.0	0.89	0.65	21.35	22.00	0 np		0	0	0
30470 B76-05	198.6	203.0	4.4	4.6	4.4	100	5D4	3	10.24	1.84	8.44	32.0	0.55	6.99	13.51	20.50	0 np		0	0	0
30471 B76-05	203.0	207.0	4.0	4.8	4.0	100	5D4	4.3	24.75	6.75	18.00	129.0	1.23	6.86	17.74	24.60	0 np		0	0	0
30473 B76-05	212.6	216.7	4.7	5.3	4.7	100	4E4	4.6	30.00	7.90	22.10	114.0	0.69	1.76	25.74	27.50	0 np		0	0	0
30474 B76-05	216.7	221.4	4.7	4.8	4.7	100	4E4	4.4	36.96	9.86	27.10	137.0	0.89	1.60	19.80	21.40	0 np		0	0	0
30475 B76-05	221.4	227.0	5.6	5.4	5.4	96	4E4	4.7	18.91	1.01	17.90	178.0	0.96	0.99	26.31	27.30	0 np		0	0	0
30476 B76-05	227.0	232.0	5.0	1.9	1.9	38	4E4	4.6	9.10	2.68	6.42	31.0	0.48	1.38	39.12	40.50	0 np		0	0	0
30477 B76-05	232.0	237.4	5.4	5.3	5.3	98	4E4	4.4	16.33	4.43	11.90	74.0	0.75	1.73	31.57	33.30	0 np		0	0	0
30478 B76-05	237.4	242.6	5.2	4.8	4.8	92	4E4	4.5	24.18	6.98	17.20	99.0	1.03	6.44	23.86	30.30	0 np		0	0	0
30479 B76-05	242.6	246.8	4.2	4.0	4.0	95	4E4	4	34.10	11.20	22.90	201.0	1.70	2.75	15.95	18.70	0 np		0	0	0
30480 B76-05	246.8	249.6	2.8	4.9	2.8	100	4E4	4.5	14.06	4.18	9.88	75.0	1.77	3.56	31.74	35.30	0 np		0	0	0
30486 B76-05	336.0	344.1	8.1	5.6	5.6	92	4E4	4	14.12	4.56	9.56	77.0	1.17	2.96	27.34	30.30	0 np		0	0	0
30487 B76-05	344.1	348.0	3.9	4.1	3.9	100	5B4	3.3	7.52	1.55	5.97	21.0	0.62	8.96	12.74	21.70	0 np		0	0	0
30488 B76-05	348.0	354.7	6.7	4.3	4.3	64	4E4	4.2	15.48	5.08	10.40	96.0	1.03	1.18	23.72	24.90	0 np		0	0	0
30489 B76-05	354.7	358.3	3.6	3.7	3.6	100	4E4	4.2	12.80	3.99	8.81	75.0	0.62	2.48	30.22	32.70	0 np		0	0	0
30490 B76-05	358.3	363.0	4.7	2.8	2.8	60	4L023	2.9	1.19	0.37	0.82	6.0	0.14	1.02	10.28	11.30	0 np		0	0	0
30491 B76-05	363.0	367.0	4.0	5.0	4.0	100	4E4	3.9	15.91	5.51	10.40	97.0	1.36	3.32	21.48	24.80	0 np		0	0	0
30492 B76-05	367.0	371.8	4.8	4.9	4.8	100	4E4	4.3	19.45	6.25	13.20	93.0	1.30	4.27	27.73	32.00	0 np		0	0	0
30493 B76-05	371.8	374.0	2.2	2.4	2.2	100	4B34	3.5	9.64	3.42	6.22	58.0	1.45	3.42	17.08	21.30	0 np		0	0	0
30813 B76-11	190.0	193.0	3.0	4.7	3.0	100	4E4	4.8	22.36	6.96	15.40	136.0	0.96	18.70	7.89	26.59	0 np		0	0	0
30814 B76-11	193.0	196.3	3.3	3.3	3.3	100	4E4	4.4	25.87	8.77	17.10	188.0	1.58	1.35	26.65	28.00	0 np		0	0	0
30815 B76-11	196.3	203.7	7.4	8.1	7.4	100	5C48	2.9	4.93	0.48	4.45	8.0	0.10	0.96	1.74	10.70	0 np		0	0	0
30942 B76-12	307.0	309.5	2.5	2.6	2.5	100	5B42	2.9	1.87	0.79	1.08	11.0	0.07	2.46	2.78	5.44	0 np		0	0	0
30943 B76-12	309.5	314.5	7.0	7.7	7.0	100	5B6	2.9	0.33	0.04	0.29	8.0	0.05	2.87	2.25	5.12	0 np		0	0	0
30944 B76-12	314.5	320.4	5.9	4.6	5.9	100	4B4	2.6	6.72	1.96	4.76	34.0	0.27	0.97	0.79	1.76	0 np		0	0	0
30945 B76-12	320.4	322.6	2.2	3.1	2.2	100	4E4	3.3	10.29	3.36	6.93	61.0	0.27	2.63	12.77	15.40	0 np		0	0	0
30946 B76-12	322.6	325.5	2.9	3.2	2.9	100	4E4	3.6	14.15	5.05	9.10	96.0	0.41	1.37	17.73	19.10	0 np		0	0	0

SAMPLE	DRILL HOLE ID	FROM (ft)	TO (ft)	INT. (ft)	REC.* (ft)	ACT REC	REC. (%)	ROCK TYPE	PULP S.G.	Ag (ppm)	Cu (%)	Zn (%)	Ag (g/tonne)	Au (g/tonne)	TOTAL Fe	MAGNET. Fe	NON-MAGN. Fe	Weathering	Porous/ Manganous	Core Oxidation	Split Oxidation	Total Oxidation
30520	B7G-11	277.3	280.8	3.5	4.1	3.5	100	4E4	3.2	13.43	5.11	8.32	101.0	0.69	7.93	11.07	14.00	0	mp	0	0	0
30521	B7G-12	280.8	284.2	3.4	3.7	3.4	100	4E0	3.9	24.37	8.67	15.70	155.0	1.30	4.05	13.35	18.20	0	mp	0	0	0
30522	B7G-13	284.2	288.6	4.4	4.4	4.4	100	5D4	2.9	1.95	0.46	1.49	10.0	0.14	5.89	2.38	8.27	0	mp	0	0	0
30523	B7G-14	288.6	292.8	4.2	4.7	4.2	100	5D4	2.8	0.44	0.26	0.18	4.0	0.03	5.05	0.34	5.39	0	mp	0	0	0
30524	B7G-15	292.8	296.5	3.7	4.3	3.7	100	4D3A	3.3	14.67	3.47	11.28	62.0	1.11	2.46	9.74	12.20	0	mp	0	0	0
30455	B7G-16	239.8	242.0	2.2	2.0	2.0	91	4E4A4	3	23.72	7.92	15.80	115.0	1.37	3.56	17.26	21.20	0	mp	0	0	0
16971	B8G-01	157.0	162.5	5.5	6.7	5.5	100	4D4	3	13.83	4.25	9.28	72.0	0.39	2.81	1.84	4.65	1	mp	0	0	1
16972	B8G-01	162.5	166.8	4.3	4.8	4.3	100	4D8	2.9	5.66	1.37	4.29	24.0	0.07	6.34	4.06	10.40	0	mp	0	0	0
16973	B8G-01	166.8	171.6	4.8	1.3	1.3	27	5C4	2.5	3.21	0.20	3.01	5.0	0.14	13.20	4.20	17.40	0	mp	0	0	0
16974	B8G-01	171.6	172.7	1.1	1.0	1.0	91	4E8	3.8	3.19	0.87	2.32	5.0	1.03	0.90	35.10	36.00	0	mp	0	0	0
16975	B8G-01	172.7	177.4	4.7	4.8	4.7	100	4D0	2.8	3.99	1.11	2.88	17.0	0.75	1.15	7.54	8.70	0	mp	0	0	0
16976	B8G-01	177.4	182.0	4.6	5.1	4.6	100	4E4	3.7	11.65	3.98	7.67	91.0	1.30	0.77	26.53	27.30	0	mp	0	0	0
16977	B8G-01	182.0	186.5	4.5	4.7	4.5	100	4E4	4.3	24.32	9.62	16.70	158.0	1.17	1.17	24.33	25.50	0	mp	0	0	0
16978	B8G-01	186.5	190.0	3.5	5.0	3.5	100	4E4	4	28.10	11.30	16.80	177.0	1.30	3.56	16.00	19.60	0	mp	0	0	0
16979	B8G-01	190.0	194.7	4.7	6.6	4.7	100	4E4	3.9	28.40	11.40	17.50	165.0	1.75	4.27	16.53	20.80	0	mp	0	0	0
16956	B8G-02	166.3	169.0	2.7	1.4	1.4	52	4E8	3.8	5.57	2.83	2.74	35.0	0.51	15.00	18.90	33.90	0	mp	0	0	0
16957	B8G-02	169.0	172.0	3.0	4.4	3.0	100	4E2A	3.1	4.95	2.32	2.63	33.0	0.21	6.72	12.48	19.20	0	mp	0	0	0
16958	B8G-03	172.0	175.5	3.5	4.3	3.5	100	4E0	4.5	11.46	6.94	4.52	94.0	0.96	0.85	28.05	28.90	0	mp	0	0	0
16960	B8G-03	272.9	276.1	3.2	3.9	3.2	100	4D0	4.3	23.77	8.87	14.90	131.0	0.02	1.41	19.49	20.90	0	mp	0	0	0
16961	B8G-03	276.1	279.5	3.4	4.2	3.4	100	4E0	4.4	14.68	5.25	9.43	83.0	1.71	2.76	21.54	24.30	0	mp	0	0	0
16962	B8G-03	279.5	280.5	1.0	2.5	1.0	100	4A0	2.8	5.30	0.56	4.02	14.0	0.27	3.27	7.23	10.50	0	mp	0	0	0
16970	B8G-01	417.2	421.0	3.8	2.9	2.9	76	4E1	3.8	5.56	2.41	3.15	54.0	0.21	18.00	17.10	35.10	0	mp	0	0	0

* Note : Recovery is measured as the total interval occupied by the core as it lies in the core box.
Recovery has been adjusted in the ACT REC column to correct the intervals where measured core recovery is greater than the drilled interval.
This occurs when the recovered core has been spread out in the core box.