MAP NO.: 105 M 16

ASSESSMENT REPORT X

PROSPECTUS

CONFIDENTIAL X

OPEN FILE

DOCUMENT NO: 093070

MINING DISTRICT: Mayo

TYPE OF WORK: Geological And Geochemical Evaluation.

REPORT FILED UNDER: Kennecott Canada Inc.

DATE PERFORMED: July 4, 1992.

DATE FILED: February 8, 1993.

LOCATION: **LAT.:** 63°55'N

LONG.: 134°12'W

AREA: Tiny Island Lake

VALUE $: 2,100.00

CLAIM NAME & NO.: Ladue 9 - 10 YB18337 - YB18338, Ladue 19 - 22, YB18347 - YB18350, Ladue 24 - YB18352.

WORK DONE BY: Gerald G. Carlson

WORK DONE FOR: Kennecott Canada Inc.

DATE TO GOOD STANDING:

REMARKS: # 105 M - Tiny Island Lake Area
The company carried out two lines of soil sampling on claims staked in 1991. The bulk of the claim block was refused due to land being withdrawn for land claims between 1991 summer work and when results were obtained from laboratory. The 1992 results returned two samples anomalous in zinc. The anomalous samples were located at the northern end of the eastern soil sample line, thus it appears that the source of mineralization is located within land withdrawn for land claims. No other mineralization was observed during the survey. The company was exploring for barite hosted Pb-Zn deposits.

REPORT FOR ASSESSMENT

GEOLOGICAL AND GEOCHEMICAL EVALUATION

OF THE

LADUE 9 and 10, 19 to 22 and 24 CLAIMS

Tiny Island Lake Area
Mayo Mining District

NTS 105M/16

63° 55' N; 134° 12' W

Prepared for:

Kennecott Canada Inc.
138-200 Granville St.
Vancouver, B.C.
V6C 1S4

15 January 1993

093070

Prepared by: Gerald G. Carlson
Mineral Exploration Geologist
1740 Orchard Way
West Vancouver, B.C.
V7V 4E8
Phone and FAX (604)925-9883

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 2,100.00 .

Robert Dicklick

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENTS

LIST OF FIGURES

INTRODUCTION

In early spring, 1991, a proposal was approved to carry out a data compilation on a relatively little known portion of Selwyn Basin, Yukon, on behalf of Kennecott Canada Inc. This area included the Lansing map sheet (105N) and adjacent parts of the Mayo (105M) map sheet. The initial program involved staking some known occurrences and carrying out a small baseline study in preparation for an announced government reconnaissance geochemical release over the proposed project area.

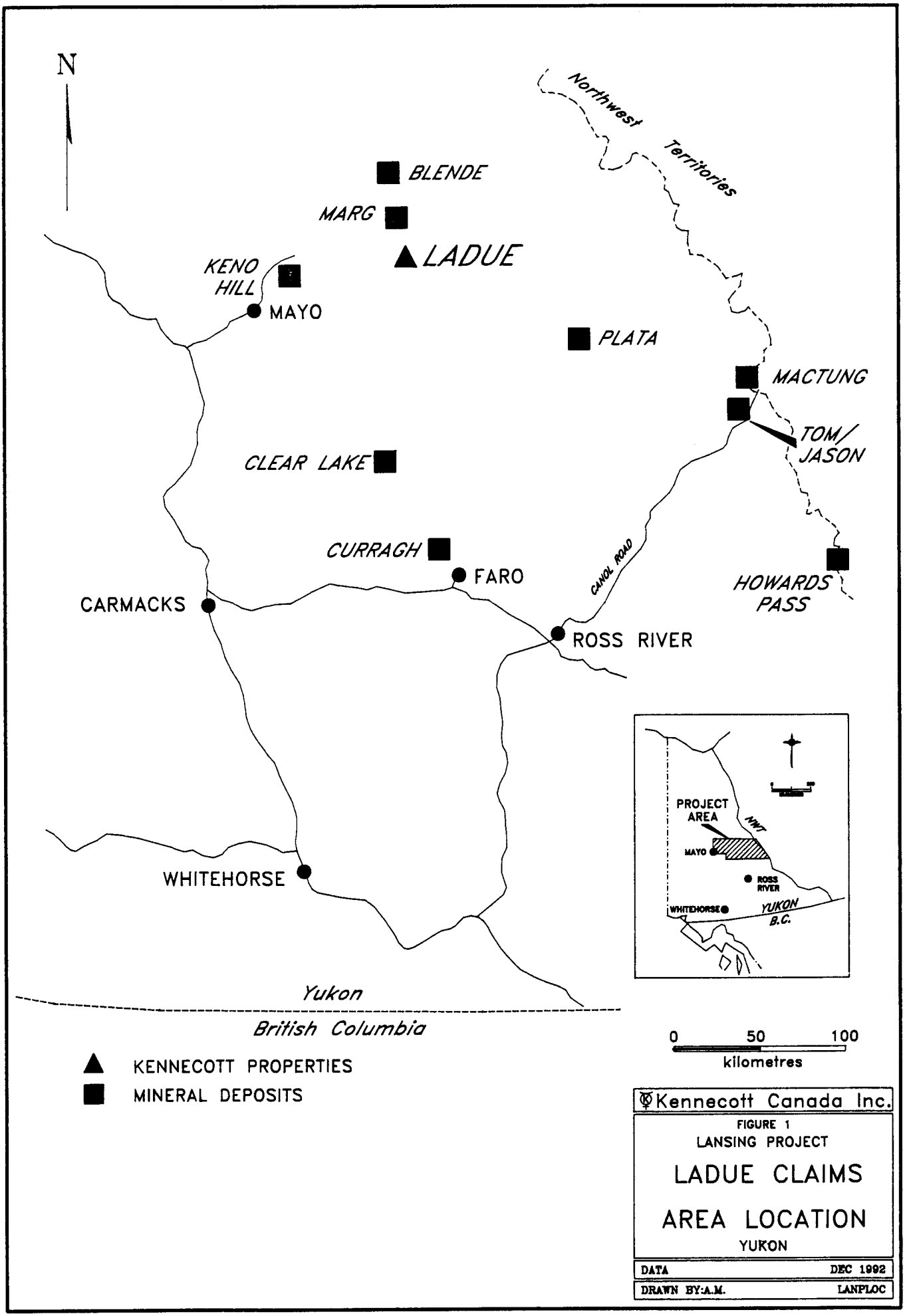
The original LADUE 1-8 claim group was staked to cover a reported barite occurrence with associated anomalous base metal values from the regional geochemistry program. During follow-up to the staking, anomalous Zn values in soils were encountered south of the claim group. In response, the LADUE 9-24 claim group was staked. Only the LADUE 9 and 10, 19-22 and 24 claims were allowed because of overlap with recently withdrawn native lands.

In 1992, two geologists, supported by helicopter from a fly camp near Mt. Aho, spent one day on the claims and completed two soil sampling traverses, collecting a total of 54 soil samples and 4 silt samples. No outcrops were noted during this work.

LOCATION AND ACCESS

The LADUE claims are located in east central Yukon (Figure 1), centred at 63° 55' N; 134° 12' W, NTS map sheet 105M/16, in the Mayo Mining Division. The claims are located roughly 380 km north-northeast of Whitehorse and 100 km east of the town of Mayo.

Access is by helicopter from Carmacks or Mayo or by fixed wing float aircraft to one of the many small lakes in the area, and thence to the claims by helicopter.


N
Northwest Territories
BLENDE
MARG
LADUE
KENO HILL
MAYO
PLATA
MACTUNG
TOM/ JASON
CLEAR LAKE
CURRAGH
FARO
CANOL ROAD
HOWARDS PASS
CARMACKS
ROSS RIVER
WHITEHORSE
Yukon
British Columbia
KENNECOTT PROPERTIES
MINERAL DEPOSITS
PROJECT AREA
NWT
MAYO
ROSS RIVER
WHITEHORSE
YUKON
B.C.
0 50 100
kilometres
Kennecott Canada Inc.
FIGURE 1
LANSING PROJECT
LADUE CLAIMS
AREA LOCATION
YUKON
DATA DEC 1992
DRAWN BY:A.M. LANPLOC

LIST OF CLAIMS

The LADUE claim group is located in NTS sheet 105M/16, centred at 63° 55' N; 134° 12' W, as shown in Figure 2. The claims have been recorded in the Mayo Mining Division in the name of Kennecott Canada Inc.:

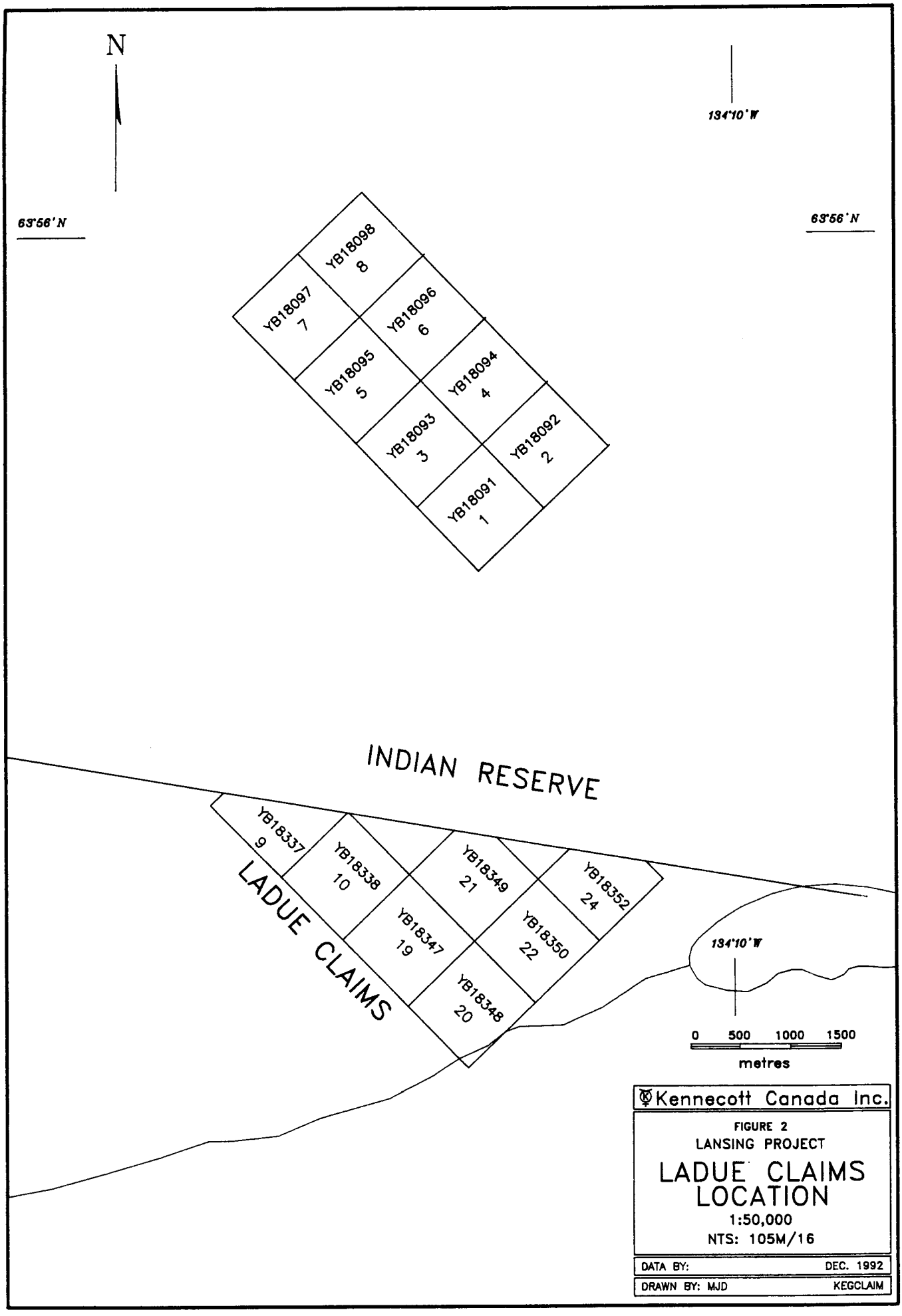
Claim Name	Record No.	NTS	Expiry Date
LADUE 9-10	YB18337-338	105M/16	26 Jul. 1992
LADUE 19-22	YB18347-350	105M/16	26 Jul. 1992
LADUE 24	YB18352	105M/16	26 Jul. 1992

GENERAL GEOLOGY

The claims are underlain by the Selwyn Basin tectono-stratigraphic province. Selwyn Basin formed as a result of regional basin down warping of the passive North American continental margin in the early Paleozoic. In Devonian to Mississippian time, renewed tectonism is indicated by widespread graben formation throughout the basin. At least two ages of sediment hosted or SEDEX (Carne and Cathro, 1982) Pb-Zn+/-Ag deposits are known to occur within the basin.

The Proterozoic to early Cambrian basement rocks which underlie the entire area, informally known as the "Grit Unit", have been formally defined as the Hyland Group by Gordey (in press). These rocks are predominantly gritty quartzose sandstone and maroon, green and buff weathering shale. Minor bedded limestone is also present, while some of the clastic rocks are variably cemented with carbonate.

Earliest sedimentation within Selwyn Basin belongs to the Ordovician to Silurian Road River Group, a graptolitic unit typically consisting of calcareous black shale, argillaceous limestone and chert (Gabrielse, 1967). The top of the unit is marked by an orange-weathering, bioturbated siltstone. To the southwest, in central Selwyn Basin, varicoloured basinal


N
134°10'W
63°56'N
63°56'N
YB18098
8
YB18097
7
YB18096
6
YB18095
5
YB18094
4
YB18093
3
YB18092
2
YB18091
1
INDIAN RESERVE
YB18337
9
YB18338
10
YB18349
21
YB18352
24
YB18347
19
YB18350
22
YB18348
20
LADUE CLAIMS
134°10'W
0 500 1000 1500
metres
Kennecott Canada Inc.
FIGURE 2
LANSING PROJECT
LADUE CLAIMS
LOCATION
1:50,000
NTS: 105M/16
DATA BY: DEC. 1992
DRAWN BY: MJD KEGCLAIM

cherts predominate. Initial mapping in the Lansing map sheet by the GSC (Blusson, 1974) was of a reconnaissance nature, showing most of the project area to be underlain by Road River strata. More recent, detailed work in a few local areas suggests a significant portion of these rocks in fact belongs to the younger Earn Group.

One of the largest Pb-Zn accumulations in the world, the Howard's Pass deposit, occurs within Early Silurian pyritic and calcareous shales and mudstones, apparently localized in sub-basins along the main axis of Selwyn Basin at the time of deposition.

The Earn Group, originally defined by Campbell (1967), ranging in age from Devonian to mid-Mississippian, is widespread throughout Selwyn Basin (Gordey and others, 1982). Lower Earn Group, spanning most of the Devonian, is distinguished by gun-blue weathering siliceous shale and chert. Upper Earn Group is characterized by brown weathering shale. It is not siliceous and chert is uncommon. Locally derived submarine fan complexes, consisting of grey weathering chert pebble conglomerate with lesser quartz-chert sandstone occur in both Lower and Upper Earn. These accumulations are indicative of rifting during deposition, interrupting the otherwise passive basinal sedimentation.

Bedded barite deposits are observed throughout the Earn Group while baritic Pb-Zn-Ag sulphide deposits appear to be restricted to siliceous shale facies and turbiditic fan complexes of the Lower Earn Group.

A return to more passive margin sedimentation is indicated by Mississippian through to Triassic cherts and siltstones, with local intervals shallow water, coarser clastic deposition.

These strata have been intruded by the Cretaceous Selwyn Plutonic Suite, a northwest trending belt of equigranular, biotite quartz monzonite intrusions. These form numerous small to medium-sized stocks that are often surrounded by extensive and very distinctive rusty hornfels.

Regional structure is dominated by major basinal bounding faults. These faults, originally interpreted to be normal, are now observed as zones of thrusting, as in the Dawson Thrust and Robert Service thrust along the north boundary of the project area (Gordey, 1990; Abbott, 1990). Here, Paleozoic strata are thrust over "Grit Unit" and the Precambrian is in turn thrust over Paleozoic shelf assemblage. On the northeastern side of the project area, these relationships are more complex, with imbricate thrusting repeating the stratigraphy a number of times. Within the basin, strata are variably deformed, from flat

lying to vertical and tightly folded, apparently in response to the shortening event. Close to the thrusts, foliation is intense so as to have obscured original bedding (Gordey, 1990).

WORK COMPLETED

In 1992, two geologists, supported by helicopter from a fly camp near Mt. Aho, spent one day on the claims and completed two soil sampling traverses, with samples collected every 25 m by hand auger on lines spaced 500 m apart. The samplers collected a total of 54 soil samples and 4 silt samples. No outcrops were noted during this work.

Results of this work are shown in figures 3 and 4 on the following pages.

RESULTS

Geology

The rocks underlying this property are believed to lie along strike from those encountered on the LADUE 1-8 claims. The following description is taken from mapping on these claims.

Rocks which underlie the area, as exposed in only a few widely scattered stream cuts, consist predominantly of a monotonous sequence of grey to black, locally graphitic phyllite and chert. Locally, pyritic units result in bright orange ferricrete seeps into streams or at slope breaks. Quartz and locally barite were often observed in veins and knots parallel to the foliation. This foliation was often observed to be highly contorted.

In the higher country west of the LADUE claims, chert pebble conglomerate was mapped within the Earn Group stratigraphy. Here also, Gordey (1990) mapped a felsic flow which he included in the Earn Group and suggested might be equivalent to volcanics at the nearby Marg deposit. Our mapping did not discount this interpretation, although there is a possibility that this is actually a younger intrusive body.

Geochemistry

Only one area of interest was highlighted in the soil sampling program. The northernmost two samples of the easterly soil line ran 1,585 ppm Zn and 2,053 ppm Zn respectively. A number of other samples were moderately anomalous in Zn. However, none of the samples was anomalous in Pb or Ba.

CONCLUSIONS AND RECOMMENDATIONS

A source of Zn enrichment in soils and stream sediments is likely derived from a stratigraphic source within Earn Group sedimentary rocks which trend northwesterly through the area. However, there is little evidence that this source could be significant base metal mineralization within the LADUE claim group.

REFERENCES

Abbott, J.G., 1986, Geology of the Plata-Inca property, Yukon; in Yukon Geology, Volume 1, Indian and Northern Affairs Canada, pp. 109-112.

Abbott, J.G., 1990, Preliminary results of the stratigraphy and structure of the Mt. Westman map area, central Yukon; in Current Research, Part E, Geol. Surv. Can.; Paper 90-1E, pp. 15-22.

Blusson, S.L., 1974, Drafts of five geological maps of Operation Stewart (northern Selwyn Basin), Yukon and District of Mackenzie, N.W.T. (includes NTS 106A,B,C and 105N,O); Geol. Surv. Can., Open File 205.

Campbell, R.B., 1967, Reconnaissance geology of Glenlyon map area, Yukon Territory; Geol. Surv. Can., Mem. 352.

Carlson, Gerald G., 1992, 1991 Lansing Project Final Report; Report prepared for Kennecott Canada Inc., February, 1992, 31 p.

Carne, R.C. and Cathro, R.J., 1982, Sedimentary exhalative (Sedex) zinc-lead-silver deposits, northern Canadian Cordillera; CIM Bull, Vol. 75, No. 840, pp.66-78.

Friske, P.W.B, Hornbrook, E.H.W., Lynch, J.J., McCurdy, M.W., Gross, H., Galletta, A.C. and Durham, C.C., 1991A, Regional Stream Sediment and Water Geochemical Data, East-central Yukon, Lansing Map Sheet, 105N; Geological Survey of Canada Open File 2363.

Gabrielse, H., 1967, Tectonic evolution of the Canadian Cordillera; Can. Jour. Earth Sci., Vol. 4, pp. 271-298.

Gordey, S.P., 1990, Geology and Mineral Potential, Tiny Island Lake map area, Yukon; in Current Research, Part E, Geol. Surv. Can., Paper 90-1E, pp. 23-29.

Gordey, S.P., Abbott, J.G. and Orchard, M.J., 1982, Devono-Mississippian (Earn Group) and younger strata in east-central Yukon; in Current Research, Part B; Geol.Surv.Can., Paper 82-1B, pp. 93-100.

Copy

CERTIFICATION

I, Gerald G. Carlson, am employed as a Mineral Exploration Geologist with offices at 1740 Orchard Way, West Vancouver, B.C. I was directly involved in the work reported in this document and the associated costs incurred:

I further attest that:

1. I graduated with a B.A.Sc. in Geological Engineering from the University of Toronto in 1969.

2. I graduated with a M.Sc. in Economic Geology from Michigan Technological University, Houghton, Michigan in 1974.

3. I graduated with a Ph.D. in Economic Geology from Dartmouth College, Hanover, New Hampshire in 1978.

4. With the exception of time taken out for graduate studies, I have been practicing my profession continuously for the past 24 years.

5. I am a member in good standing of the Association of Professional Engineers of the Yukon Territory and of the Association of Professional Engineers and Geoscientists of British Columbia.

Respectfully submitted,

Gerald G. Carlson, Ph.D., P.Eng.

LIST OF PERSONNEL

The following personnel were employed on the field portion of this project:

Gerald G. Carlson, Geologist
1740 Orchard Way
West Vancouver, B.C.
V7V 4E8

Roger Hulstein, Geologist
c/o Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

Greg Smith, Geologist
c/o Aurum Geological Consultants Inc.
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

STATEMENT OF EXPENDITURES

July 4, 1992

Wages:			
	R. Hulstein	1 day @ $350	350
	G. Smith	1 day @ $320	320
Helicopter		3.0 Hr. @ $700	2,100
Share of mobilization & general expenses *		1 dy @ $1290	1,290
Analytical		58 samples@ $10.00	580
		TOTAL	$ 4,640

* Note: All costs related to preparation for the field program, mobilization, rentals of camp and radio, costs of consumable supplies, including fuel, and demobilization were totaled and divided by the total number of days in the field during the actual field work portion of this program, July 4 to August 12, 1992, inclusive. Thus all general expenses are fairly distributed in proportion to the amount of work carried out on each claim group.

134°10'N

63°56'N

63°56'N

2500

N

INDIAN LAND
CLAIM RESERVE

4000

3500

3000

2500

RH2-LS02

RH2-LS01

GS2-L02

GS2-L01

CLAIM OUTLINE
LADUE 9,10,19-22,24

134°10'N

TOPOGRAPHIC LEGEND

Creek.

Dry Creekbed.

GEOCHEMISTRY LEGEND

GS2-304 Grid Soil Sample Site

GS2-L030 Silt Sample Site

SCALE 1:10000

0 50 100 150 250 500

METRES

DWG 94

Kennecott Canada Inc.

138-200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT
LADUE CLAIM GROUP

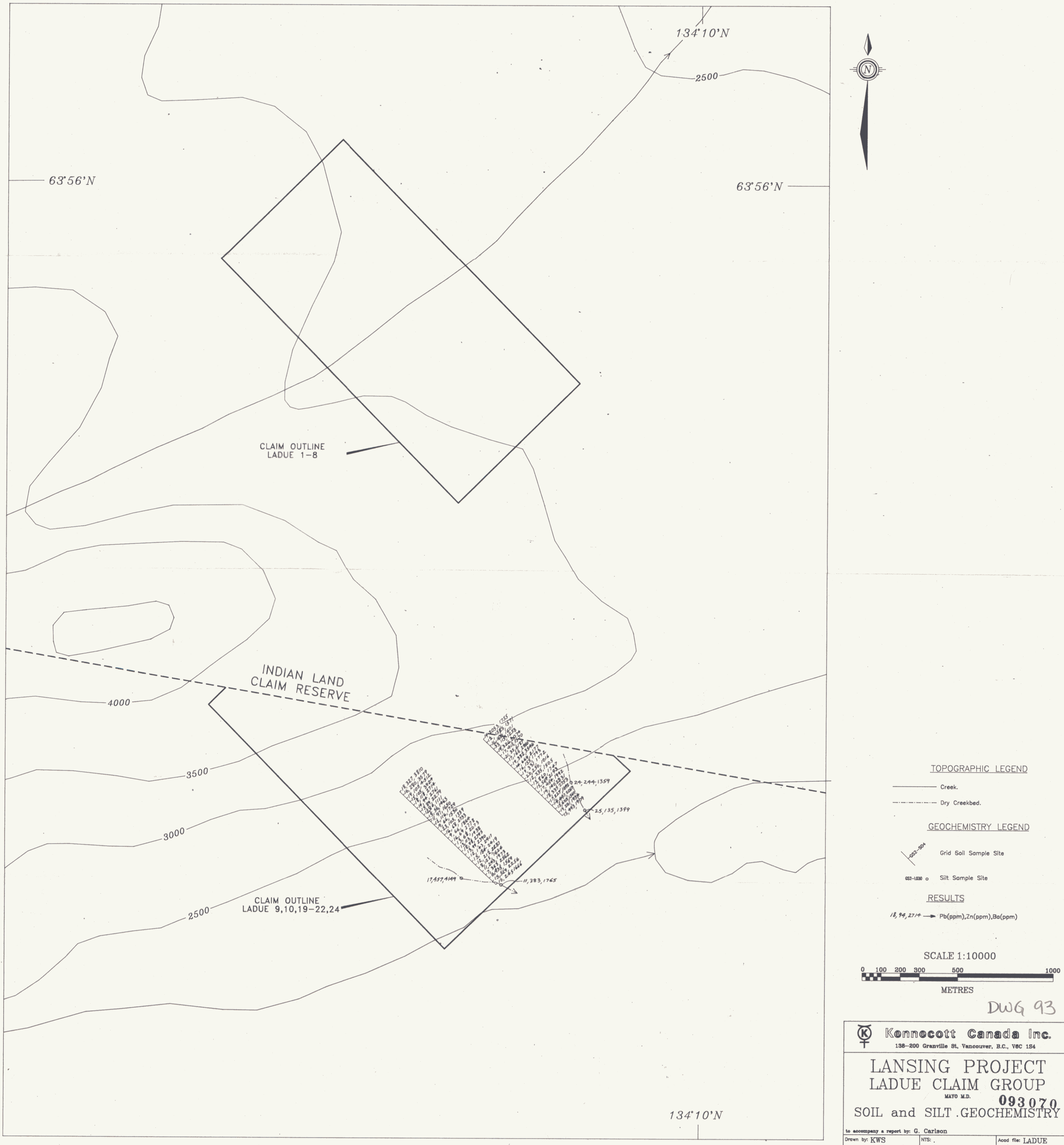
MAYO M.D. 093070

SAMPLE LOCATIONS

to accompany a report by: G. Carlson

Drawn by: KWS	NTS:	Acad file: LADUE
Date: DEC. 1992	Ref. No:	Map No:

Figure 3



DWG 93

Figure 4

Kennecott Canada Inc.
138-200 Granville St, Vancouver, B.C., V6C 1S4

LANSING PROJECT
LADUE CLAIM GROUP
MAYO M.D.

093070

SOIL and SILT .GEOCHEMISTRY

to accompany a report by: G. Carlson

Drawn by: KWS	NTS: .	Acad file: LADUE
Date: DEC. 1992	Ref. No: .	Map No:

APPENDIX A

LADUE CLAIMS

Geochemical Analysis Certificates

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kennecott Canada Inc. PROJECT LANSING File # 92-1946 Page 1

138 - 200 Granville St., Vancouver BC V6C 1S4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
GC2 S-01	3	4	47	4	.1	1	1	2	1.07	9	5	ND	3	23	.2	2	2	6	.01	.018	3	4	.01	329	.01	5	.17	.01	.18	1	4585
GS2 S-01	5	24	10	245	.4	32	7	144	2.18	9	5	ND	3	56	2.3	2	2	29	.64	.110	13	16	.37	436	.02	6	1.01	.01	.08	1	1666
GS2 S-02	6	53	15	529	.7	65	13	896	3.49	15	5	ND	2	117	7.6	4	2	45	1.32	.113	11	23	.59	484	.02	6	1.49	.01	.13	2	2256
GS2 S-03	4	25	6	435	.9	41	10	1079	2.54	11	5	ND	2	105	3.2	2	2	34	1.36	.111	10	18	.45	315	.02	6	1.08	.01	.10	1	1596
GS2 S-04	5	55	7	363	1.0	53	9	1045	2.36	15	5	ND	1	141	5.1	5	2	36	2.28	.102	7	15	.42	581	.01	5	.95	.01	.08	1	2562
GS2 S-05	5	40	11	243	.8	37	10	339	2.67	18	5	ND	3	86	3.1	4	2	42	.82	.129	15	18	.42	590	.03	4	1.07	.01	.11	1	1973
GS2 S-06	4	33	8	125	.9	24	7	184	1.56	8	5	ND	1	108	2.9	2	2	34	1.86	.088	6	12	.31	570	.01	6	.78	.01	.06	1	1624
GS2 S-07	6	51	12	212	.9	36	11	392	3.02	19	5	ND	4	84	4.0	7	2	48	.75	.130	14	19	.42	712	.03	6	1.08	.01	.11	1	2287
GS2 S-08	6	46	15	184	.6	34	11	396	2.90	16	5	ND	3	90	4.2	5	2	63	.58	.135	14	23	.45	864	.02	5	1.44	.01	.12	1	2419
GS2 S-09	6	40	12	143	1.1	30	8	303	2.68	18	5	ND	3	83	1.7	6	2	54	.70	.120	15	21	.46	543	.04	9	1.19	.01	.16	1	2417
GS2 S-10	5	30	13	99	.5	26	10	284	2.67	20	5	ND	3	74	1.6	8	2	62	.67	.098	15	21	.44	673	.03	9	1.33	.01	.14	1	2390
GS2 S-11	8	32	18	98	1.1	23	9	254	2.75	17	5	ND	4	71	2.1	8	2	83	.27	.083	16	23	.43	1024	.03	5	1.56	.01	.15	1	2795
GS2 S-12	5	20	13	113	.4	22	8	362	2.48	10	5	ND	4	36	1.0	2	2	47	.35	.100	19	21	.46	751	.01	3	1.55	.01	.09	1	1938
GS2 S-13	9	18	13	68	1.5	15	6	142	2.26	22	5	ND	2	46	.6	4	2	68	.12	.118	17	19	.26	561	.03	2	.91	.01	.08	1	2073
GS2 S-14	16	30	16	69	1.3	13	5	68	2.43	29	5	ND	1	114	.6	6	2	73	.10	.142	18	18	.19	631	.01	3	.89	.01	.11	1	2778
GS2 S-15	6	14	9	68	1.2	12	5	128	2.21	14	5	ND	1	41	.4	3	2	51	.15	.155	15	16	.23	400	.02	2	.89	.01	.07	1	1834
GS2 S-16	9	59	16	68	2.5	20	8	138	2.73	43	5	ND	1	60	.7	7	2	61	.14	.204	22	19	.27	905	.01	4	1.35	.01	.11	1	2733
GS2 S-17	6	22	23	105	23.4	21	10	222	3.79	26	5	ND	5	14	.7	4	2	76	.07	.163	13	36	.41	202	.03	5	2.45	.01	.06	1	1339
GS2 S-18	6	28	9	68	1.1	18	7	203	2.23	17	5	ND	4	39	.2	6	3	41	.14	.092	19	16	.35	265	.03	2	1.00	.01	.06	1	1530
GS2 S-19	7	84	12	116	1.0	33	8	254	2.61	18	5	ND	4	37	.8	9	2	44	.11	.087	15	20	.36	274	.03	4	1.25	.01	.07	1	1729
GS2 S-20	6	37	11	97	.7	25	8	274	2.02	18	5	ND	3	52	.8	9	2	40	.22	.098	16	15	.32	299	.04	4	.86	.01	.08	1	1650
GS2 S-21	7	12	15	56	1.7	11	4	129	2.13	14	5	ND	2	44	.2	3	2	54	.11	.120	15	17	.25	239	.03	3	.99	.01	.07	1	1465
GS2 S-22	4	13	12	80	1.2	15	8	236	2.68	11	5	ND	1	17	.5	2	2	51	.10	.115	12	22	.27	215	.02	2	1.22	.01	.06	1	1111
GS2 S-23	9	32	15	89	1.1	21	7	165	2.47	28	5	ND	1	58	.5	11	2	89	.12	.109	15	20	.35	483	.02	5	1.19	.01	.11	1	2279
GS2 S-24	9	37	14	94	1.3	25	8	398	2.54	21	5	ND	3	69	.9	9	2	67	.27	.113	15	17	.31	866	.05	6	.95	.01	.12	1	2761
GS2 S-25A	9	29	18	118	1.0	23	8	253	2.89	24	5	ND	4	70	.5	9	3	67	.27	.129	16	22	.40	732	.03	3	1.19	.01	.14	1	2714
GS2 S-25B	17	23	19	85	1.6	15	4	68	1.80	50	5	ND	2	125	.6	16	2	52	.17	.115	24	13	.20	649	.02	5	.49	.01	.10	1	4893
GS2 S-26	11	34	15	105	1.0	23	7	187	2.29	27	5	ND	1	90	.6	9	2	66	.29	.107	18	18	.32	968	.03	6	1.07	.01	.13	1	3924
GS2 S-27	14	33	19	105	1.6	19	5	111	2.05	32	5	ND	1	102	.8	12	2	54	.17	.118	19	14	.22	796	.02	2	.79	.01	.10	1	4512
GS2 S-28	11	59	16	280	1.1	53	7	246	2.39	25	5	ND	1	97	3.7	10	2	57	.46	.139	16	19	.33	957	.02	4	1.11	.01	.11	1	3579
GS2 S-29	14	82	18	327	1.3	60	19	963	2.52	23	5	ND	1	95	6.9	10	2	55	.53	.126	15	19	.30	886	.02	5	1.14	.01	.10	1	3810
GS2 S-30	8	91	18	365	1.2	73	6	202	1.89	16	5	ND	1	103	11.0	6	2	39	.76	.096	14	15	.25	737	.01	6	.94	.01	.08	1	3796
GS2 S-31	13	38	80	103	4.9	16	5	41	3.87	180	5	ND	3	153	.5	33	2	41	.04	.084	3	15	.02	172	.01	10	.23	.01	.27	1	13950
RE GS2 S-27	13	29	21	96	1.5	21	5	100	1.90	33	5	ND	1	94	.6	11	2	49	.15	.107	17	13	.20	715	.02	5	.70	.01	.09	1	4595
GS2 S-32	112	39	79	13	2.4	11	2	6	1.54	201	6	ND	3	134	.2	54	2	89	.02	.139	4	5	.01	279	.01	9	.12	.01	.15	1	6365
GS2 S-33	15	2	164	24	.1	2	7	2	11.98	37	5	ND	2	12	.2	2	2	4	.01	.037	2	2	.01	23	.01	5	.10	.03	1.68	3	5176
GS2 S-34	1	7	127	12	.2	1	4	6	5.46	37	5	ND	8	62	.2	2	2	6	.01	.099	4	5	.01	33	.01	3	.15	.06	.70	1	2652
STANDARD C/CB-1200	18	58	39	133	6.8	70	31	1037	3.96	41	19	7	37	53	17.7	14	21	56	.48	.090	36	58	.88	177	.09	34	1.88	.07	.15	10	2123

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP BA* .2 GM SAMPLE FUSED WITH 1.2 GM LIBO2, ANALYSIS BY ICP.
Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
GS2 S-35	8	59	36	28	.4	6	3	137	2.24	44	5	ND	5	91	.2	6	2	21	.05	.243	6	13	.01	415	.01	6	.19	.01	.16	2	2372
GS2 S-36	9	21	23	14	.1	3	1	63	1.53	15	5	ND	1	33	.2	6	2	12	.03	.081	2	7	.01	253	.01	3	.11	.01	.12	1	2076
GS2 S-37	7	65	34	37	.7	9	3	74	2.39	26	5	ND	7	467	.2	3	2	30	.10	.399	31	18	.01	266	.01	4	.45	.01	.11	1	2423
GS2 S-38	9	149	23	232	.1	81	25	2518	5.37	50	5	ND	3	233	.4	6	2	39	1.26	.456	13	19	.15	370	.01	3	.56	.01	.14	1	2108
GS2 S-39	12	113	25	128	.5	57	16	1510	4.59	41	5	ND	3	202	1.4	6	2	27	.46	.243	11	13	.03	322	.01	2	.36	.01	.09	2	2653
GS2 S-40	1	127	24	426	.5	116	17	284	4.75	19	5	ND	1	9	.2	2	2	11	.01	.060	2	8	.03	353	.01	3	.33	.01	.04	1	8013
GS2 S-41	2	98	20	286	.5	88	14	215	4.25	29	5	ND	1	12	.2	3	2	19	.01	.066	3	5	.03	150	.01	2	.30	.01	.04	1	5926
GS2 S-42	6	71	13	34	1.9	9	1	4	.87	26	7	ND	3	88	.2	2	2	8	.01	.042	12	9	.01	312	.01	5	.22	.01	.04	1	7035
GS2 S-43	7	45	24	123	2.2	30	6	417	2.76	20	5	ND	1	36	.2	3	2	26	.01	.129	7	14	.04	336	.01	4	.63	.01	.06	1	5689
GS2 S-44	15	44	13	130	4.1	38	5	154	4.12	38	5	ND	1	52	.2	4	2	26	.02	.111	11	25	.13	310	.01	2	.79	.01	.05	1	5135
GS2 S-45	13	38	18	122	1.7	31	4	99	3.18	39	5	ND	1	52	.2	4	2	30	.02	.115	8	18	.04	449	.01	3	.46	.01	.06	1	5681
GS2 S-46	11	31	17	102	1.3	29	5	154	2.92	42	5	ND	1	47	.2	5	2	27	.03	.106	10	19	.07	415	.01	3	.52	.01	.05	1	6510
GS2 S-47	18	40	20	259	1.9	47	5	177	3.36	33	5	ND	1	48	2.4	5	2	164	.07	.265	6	17	.07	662	.01	2	1.27	.01	.06	1	75728
GS2 S-48	22	54	26	482	2.4	87	9	206	3.14	38	5	ND	1	63	6.0	7	2	252	.24	.422	10	19	.09	4046	.01	5	2.68	.01	.06	1	140059
GS2 S-49	33	106	23	1167	2.3	155	19	375	4.18	52	5	2	2	114	17.4	12	2	571	.55	.369	9	5	.05	13269	.02	13	1.87	.01	.10	1	264996
GS2 S-50	41	61	18	604	1.7	129	21	296	3.09	49	5	ND	3	58	7.7	9	2	198	.21	.146	8	5	.03	13214	.01	11	1.96	.01	.08	1	313965
RE GS2 S-54	87	79	33	177	2.5	94	5	184	4.84	83	16	ND	2	30	.3	15	2	160	.01	.088	6	17	.03	380	.01	2	2.59	.01	.13	2	107120
GS2 S-51	48	63	25	721	2.1	149	26	295	3.48	57	8	ND	3	49	9.1	10	2	194	.13	.111	10	5	.03	12493	.01	7	2.71	.01	.09	1	313140
GS2 S-52	46	38	15	285	1.2	121	11	262	2.50	54	7	ND	1	72	2.3	8	2	81	.14	.072	8	5	.04	7586	.01	5	1.04	.01	.06	1	345416
GS2 S-53	37	53	18	226	.5	95	9	219	2.39	36	5	ND	2	33	1.1	5	2	135	.04	.063	2	14	.04	4796	.01	3	1.25	.01	.08	1	349086
GS2 S-54	89	79	32	176	2.5	94	5	170	4.88	84	17	ND	2	31	.2	14	2	160	.01	.089	5	18	.03	275	.01	3	2.65	.01	.14	1	111157
GS2 S-55	28	39	20	157	.8	50	7	224	4.62	65	5	ND	1	73	.2	7	2	66	.02	.128	7	21	.09	563	.01	2	1.12	.01	.08	1	186844
GS2 S-56	11	33	17	234	1.0	49	11	355	3.48	27	5	ND	1	35	1.0	3	2	76	.09	.154	11	23	.23	1246	.02	2	1.74	.01	.07	1	44749
DS2 S-01	4	158	25	290	1.2	77	11	196	4.83	74	5	ND	1	65	.2	7	2	27	.01	.089	4	16	.04	258	.01	2	.54	.01	.06	1	7667
DS2 S-02	22	60	29	226	3.5	66	6	234	3.50	80	5	ND	1	85	.2	26	2	47	.02	.084	15	26	.02	628	.01	4	.45	.01	.08	1	8025
DS2 S-03	17	50	12	92	2.0	33	4	66	1.77	44	5	ND	1	56	.2	17	2	18	.03	.036	15	15	.05	1003	.01	2	.47	.01	.04	1	7456
DS2 S-04	17	36	25	80	2.5	23	4	121	2.80	58	5	ND	1	54	.2	9	2	34	.03	.066	13	26	.08	334	.01	2	.59	.01	.09	1	5207
DS2 S-05	8	37	17	107	1.5	30	8	320	4.01	72	5	ND	1	56	.2	5	2	47	.11	.122	12	33	.25	347	.02	2	1.10	.01	.09	1	3672
DS2 S-06	8	46	19	70	1.9	15	4	192	1.77	26	5	ND	1	50	.2	4	2	28	.03	.146	9	16	.04	414	.01	2	.94	.01	.07	1	3614
DS2 S-07	4	49	20	153	.8	44	13	469	4.24	33	5	ND	1	38	.2	2	2	39	.05	.074	10	25	.36	222	.02	3	1.39	.01	.06	1	2859
DS2 S-08	13	85	28	134	.9	37	8	231	5.19	95	5	ND	1	131	.2	7	2	60	.04	.221	11	29	.12	519	.01	2	1.03	.01	.07	1	4027
DS2 S-09	4	67	23	108	.4	31	9	305	5.13	42	5	ND	1	65	.2	2	2	45	.11	.250	12	36	.31	369	.02	3	1.53	.02	.11	1	2078
DS2 S-10	4	36	24	78	.1	17	5	144	4.13	52	5	ND	1	59	.2	3	2	70	.04	.114	11	19	.10	165	.04	2	.80	.01	.06	1	1678
DS2 S-11	38	123	39	78	2.2	32	5	158	2.61	129	5	ND	1	233	.5	17	2	115	.09	.287	22	25	.04	1044	.01	2	.76	.01	.09	1	8081
DS2 S-12	23	45	38	72	2.1	14	4	76	3.77	86	5	ND	1	197	.2	10	2	64	.02	.262	11	15	.02	612	.01	3	.50	.01	.15	1	3940
DS2 S-13	22	44	36	71	1.6	17	5	185	4.21	85	5	ND	1	130	.2	6	2	73	.03	.255	16	21	.07	671	.01	2	.63	.01	.17	1	4342
DS2 S-14	20	46	45	88	1.4	17	5	86	3.88	52	5	ND	1	107	.2	5	2	67	.04	.270	14	16	.03	549	.01	3	.50	.01	.21	1	3759
STANDARD C/CB-1200	17	58	40	134	6.8	69	32	1053	3.98	41	17	7	37	53	18.1	14	19	57	.48	.090	37	58	.89	177	.09	33	1.89	.07	.15	11	2100

KEG

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
DS2 S-15	6	49	22	77	.3	19	6	294	4.19	71	5	ND	1	106	.2	5	2	62	.05	.208	11	25	.11	435	.01	5	.84	.01	.08	1	1957
DS2 S-16	6	54	22	90	1.0	25	8	365	3.89	44	5	ND	1	76	.2	5	2	47	.06	.160	12	19	.17	505	.01	2	1.03	.01	.09	1	3306
DS2 S-17	30	63	65	56	2.2	11	3	149	4.95	86	5	ND	1	190	.2	11	2	90	.02	.628	21	21	.05	155	.01	6	.57	.01	.29	1	6933
DS2 S-18	22	67	47	61	1.2	15	5	209	5.44	74	5	ND	1	155	.2	8	2	56	.04	.438	14	15	.07	212	.01	5	.64	.02	.23	1	4746
DS2 S-19	15	78	40	65	1.3	19	6	744	4.56	49	5	ND	1	129	.2	4	2	61	.06	.337	14	18	.09	424	.01	7	.62	.02	.23	1	3655
DS2 S-20	6	107	35	68	.5	23	11	405	5.12	37	5	ND	1	140	.2	3	2	47	.06	.277	16	19	.11	490	.01	4	.80	.02	.16	1	3360
DS2 S-21	11	88	53	66	.4	15	6	291	7.20	44	5	ND	1	211	.2	5	2	50	.02	.323	17	13	.04	293	.01	5	.55	.01	.19	1	4100
DS2 S-22	31	102	91	57	.3	13	6	135	4.41	67	5	ND	6	258	.2	10	2	26	.02	.121	18	10	.01	479	.01	3	.36	.01	.13	1	3590
DS2 S-23	1	31	24	86	.1	23	11	231	2.96	11	5	ND	1	10	.2	2	2	22	.06	.081	4	9	.08	131	.01	2	.67	.01	.06	1	1970
DS2 S-24	1	32	32	107	.1	28	13	714	3.58	18	5	ND	1	14	.2	2	2	27	.07	.064	8	17	.19	251	.01	5	.82	.01	.07	1	1596
DS2 S-25	1	32	46	124	.1	30	19	1857	4.27	9	5	ND	1	19	.2	2	2	24	.14	.106	8	17	.23	450	.01	3	1.07	.01	.08	1	2291
DS2 S-26	1	32	46	111	.1	24	18	1515	4.13	9	5	ND	1	11	.2	2	2	22	.05	.104	5	12	.13	218	.01	6	1.00	.01	.07	1	1828
DS2 S-27	1	38	39	115	.1	28	18	1638	3.74	12	5	ND	1	15	.2	2	2	22	.08	.077	6	11	.10	368	.01	3	.73	.01	.07	1	3305
DS2 S-28	1	38	34	112	.1	26	16	909	3.69	9	5	ND	1	11	.2	2	2	16	.05	.091	4	9	.07	275	.01	4	.56	.01	.07	1	3813
DS2 S-29	1	48	55	128	.1	37	29	1676	3.83	12	5	ND	3	13	.2	2	2	10	.02	.041	5	4	.05	336	.01	2	.45	.01	.07	1	5621
DS2 S-30	12	152	37	327	2.2	128	12	565	6.35	52	5	ND	2	102	1.5	20	2	35	.23	.280	10	15	.07	279	.01	3	1.58	.02	.11	1	115916
DS2 S-31	8	62	41	109	3.5	30	5	193	5.33	68	5	ND	2	128	.2	9	2	59	.10	.191	12	14	.08	484	.01	5	.75	.01	.19	1	9196
DS2 S-32	4	65	43	81	2.0	15	3	105	7.80	114	5	ND	1	47	.2	7	2	52	.03	.225	6	15	.04	245	.01	2	.58	.01	.07	1	7429
DS2 S-33	5	41	32	71	4.4	13	3	96	5.90	75	5	ND	2	13	.2	9	2	46	.01	.081	8	16	.05	139	.01	4	.60	.01	.05	1	5898
DS2 S-34	5	37	11	117	1.3	18	4	69	4.27	87	5	ND	1	5	.2	7	2	78	.01	.053	9	6	.01	162	.02	2	.34	.01	.05	1	4555
DS2 S-35	5	38	19	89	2.1	19	5	146	2.81	32	5	ND	1	25	.2	4	2	53	.02	.083	12	12	.06	179	.01	2	.50	.01	.07	1	2990
DS2 S-36	8	35	22	126	.6	30	5	131	3.42	106	5	ND	1	106	.3	9	2	48	.02	.071	11	12	.05	390	.02	2	.66	.01	.07	1	4659
DS2 S-37	9	26	18	99	.3	24	4	101	2.39	82	5	ND	1	58	.2	7	2	51	.01	.051	12	9	.03	334	.02	2	.58	.01	.05	1	3952
DS2 S-38	21	37	20	135	.7	38	6	167	3.39	214	5	ND	4	147	.2	21	2	32	.03	.090	10	12	.10	577	.01	2	.91	.01	.08	1	7230
DS2 S-39	19	45	28	170	1.0	46	7	157	4.75	286	5	ND	4	235	.2	19	2	51	.03	.132	9	16	.12	575	.02	2	.84	.01	.09	1	5093
DS2 S-40	10	75	35	158	4.0	38	6	128	5.59	232	5	ND	2	627	.2	20	2	52	.02	.156	10	20	.05	711	.01	2	.73	.01	.10	1	7672
RE DS2 S-36	9	35	23	126	.5	30	5	116	3.41	109	5	ND	1	108	.2	9	2	48	.02	.070	10	12	.05	385	.02	2	.66	.01	.07	1	4542
DS2 S-41	4	29	11	87	.3	18	4	74	2.05	22	5	ND	1	16	.2	3	2	48	.01	.032	12	9	.02	176	.01	2	.42	.01	.04	1	5040
DS2 S-42	4	26	22	111	.4	31	11	591	3.99	26	5	ND	1	24	.2	3	2	44	.12	.061	13	33	.50	160	.05	2	1.79	.01	.06	1	2031
DS2 S-43	6	25	24	110	1.1	27	12	976	4.59	22	5	ND	1	22	.2	2	2	53	.06	.098	10	32	.29	202	.02	2	1.80	.01	.06	1	1661
DS2 S-44	12	46	28	120	2.3	32	9	286	4.27	36	5	ND	1	24	.2	3	2	41	.04	.100	8	20	.12	238	.02	2	.88	.01	.05	1	4412
DS2 S-45	20	30	41	144	2.6	40	9	495	5.27	32	5	ND	1	34	.2	4	2	32	.03	.082	9	24	.14	231	.02	2	.87	.02	.06	1	4077
DS2 S-46	9	23	34	80	1.8	17	6	339	4.52	23	5	ND	1	21	.2	2	2	42	.05	.141	8	22	.20	180	.01	2	1.01	.02	.10	1	2606
DS2 S-47	4	21	21	77	.5	18	6	254	3.14	16	5	ND	1	23	.2	2	2	41	.04	.156	9	18	.12	265	.01	2	1.01	.01	.05	1	2162
DS2 S-48	68	39	52	361	1.8	163	10	273	7.41	621	5	ND	1	205	.4	26	2	183	.05	.320	11	10	.06	142	.01	4	.75	.14	.17	1	6104
DS2 S-49	131	37	58	494	1.9	310	11	304	11.89	2267	5	ND	1	322	.5	64	2	162	.05	.352	10	9	.05	58	.01	3	.72	.19	.19	1	6191
DS2 S-50	4	31	31	144	.1	35	10	296	5.87	71	5	ND	1	51	.2	7	2	33	.03	.058	7	14	.15	127	.02	2	.93	.03	.06	1	3129
STANDARD C/CB-1200	19	58	37	133	6.9	71	31	1054	3.99	41	18	7	38	53	18.1	14	19	57	.48	.090	37	58	.89	178	.09	34	1.89	.07	.15	11	2270

KEG

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
DS2 S-51	2	42	37	150	.1	41	18	408	5.56	17	5	ND	1	11	.2	2	2	18	.02	.049	6	14	.12	68	.01	2	.87	.01	.04	1	2835
DS2 S-52	2	39	36	139	.1	34	13	509	4.79	14	5	ND	1	10	.2	3	2	34	.03	.058	8	15	.07	56	.02	2	.62	.01	.04	1	1889
DS2 S-53	1	39	37	129	.1	33	14	325	4.39	17	5	ND	1	18	.2	2	2	16	.08	.062	4	9	.08	295	.01	2	.59	.01	.05	1	3287
DS2 S-54	1	40	30	139	.1	34	15	574	4.06	13	5	ND	1	8	.3	3	2	24	.02	.059	5	10	.05	69	.01	2	.53	.01	.04	1	2313
DS2 S-55	1	39	30	157	.1	49	23	1054	3.86	17	5	ND	5	16	.4	2	2	21	.11	.060	10	13	.20	137	.02	2	.79	.01	.05	1	2099
DS2 S-56	1	29	23	94	.2	21	11	619	3.71	9	5	ND	1	8	.2	2	2	24	.03	.075	6	15	.10	103	.01	2	.86	.01	.05	1	1407
DS2 S-57	1	32	34	105	.1	28	17	795	3.62	16	5	ND	1	13	.2	2	2	19	.06	.055	6	11	.16	146	.01	3	.71	.01	.05	1	1876
DS2 S-58	1	31	36	103	.1	25	13	606	4.41	15	5	ND	1	9	.2	2	2	23	.02	.057	6	17	.13	74	.01	2	.87	.01	.05	1	1459
DS2 S-59	1	32	26	95	.1	20	10	578	3.52	11	5	ND	1	7	.2	2	2	29	.02	.068	7	12	.06	66	.01	2	.60	.01	.05	1	1309
DS2 S-60	2	34	32	90	.1	19	10	1197	3.74	11	5	ND	1	8	.2	2	2	34	.02	.058	8	13	.06	113	.01	2	.66	.01	.06	1	1484
DS2 S-61	2	29	26	92	.2	21	11	780	3.99	8	5	ND	1	8	.2	2	2	29	.03	.072	7	18	.11	73	.01	5	.80	.01	.05	1	1315
DS2 S-62	6	135	21	749	.1	190	283	94903	28.43	2	5	ND	1	64	1.4	2	2	13	.02	.163	2	1	.03	2727	.01	2	.63	.01	.13	1	4488
DS2 S-63	20	159	20	231	1.4	15	28	2952	29.90	13	5	ND	4	7	.2	14	2	154	.01	.073	11	57	.08	528	.01	10	.91	.01	.11	1	4054
MB2 S-01	1	63	56	109	.1	39	26	2087	4.81	9	5	ND	5	22	.2	2	2	19	.08	.060	9	17	.36	600	.01	3	1.36	.01	.09	1	2689
MB2 S-02	1	68	68	125	.1	44	35	2494	4.91	11	5	ND	5	20	.2	2	2	21	.10	.071	10	21	.40	461	.01	2	1.56	.01	.11	1	2462
MB2 S-03	1	48	75	121	.3	33	35	3359	4.48	9	5	ND	2	20	.5	2	2	17	.18	.115	5	16	.28	484	.01	5	1.30	.01	.10	1	1959
MB2 S-04	2	46	43	108	.2	25	24	2525	4.03	16	5	ND	1	13	.2	2	2	20	.07	.125	5	15	.18	246	.01	5	1.21	.01	.08	1	1704
MB2 S-05	2	66	62	132	.1	40	30	2650	5.09	19	5	ND	3	21	.2	2	2	20	.04	.080	7	21	.31	263	.01	4	1.40	.01	.10	1	2441
MB2 S-06	5	69	59	119	.1	33	27	2639	5.26	19	5	ND	2	72	.2	2	2	22	.04	.111	8	19	.25	287	.01	2	1.34	.01	.10	2	2487
MB2 S-07	1	46	44	132	.1	27	19	1965	4.02	11	5	ND	1	32	.2	2	2	16	.16	.116	4	14	.17	323	.01	3	1.01	.01	.09	1	2179
RE MB2 S-04	2	44	44	105	.2	24	23	2355	3.90	19	5	ND	1	12	.2	2	2	19	.06	.122	4	14	.17	235	.01	3	1.15	.01	.08	1	1698
MB2 S-08	2	37	30	70	.1	14	8	758	3.74	16	5	ND	1	25	.2	2	2	19	.03	.070	6	7	.06	179	.01	2	.57	.01	.12	1	2046
MB2 S-09	5	72	37	93	.1	19	9	591	5.88	63	5	ND	1	58	.2	6	2	34	.02	.121	9	14	.05	218	.01	2	.61	.01	.11	1	2166
MB2 S-10	7	67	35	77	.2	14	6	321	4.57	34	5	ND	1	36	.2	5	2	39	.04	.122	6	9	.03	178	.01	2	.43	.01	.09	1	2239
MB2 S-11	2	85	16	235	1.1	61	11	300	4.31	33	5	ND	1	13	.2	5	2	20	.02	.057	4	15	.12	101	.01	2	.62	.01	.03	1	3657
MB2 S-12	3	93	16	319	1.1	81	14	278	4.23	52	5	ND	1	15	.2	6	2	20	.01	.061	3	4	.03	183	.01	3	.36	.01	.04	1	6473
MB2 S-13	10	40	11	56	.9	19	2	25	.95	27	5	ND	1	31	.2	6	2	11	.01	.031	14	3	.01	174	.01	2	.19	.01	.03	1	5542
MB2 S-14	5	41	16	147	.4	42	9	208	3.23	25	5	ND	1	25	.3	3	2	28	.13	.079	12	19	.25	134	.02	2	.98	.01	.05	1	3149
MB2 S-15	5	47	35	109	.6	27	16	959	4.19	37	5	ND	2	33	.2	4	2	20	.03	.069	5	9	.15	669	.01	4	.77	.01	.08	1	5778
MB2 S-16	5	37	23	103	2.1	22	5	131	5.05	47	5	ND	1	64	.2	8	2	49	.04	.121	11	13	.06	535	.01	3	.68	.01	.08	1	3622
MB2 S-17	6	38	23	101	2.1	21	5	154	4.75	51	5	ND	1	78	.2	7	2	50	.02	.117	11	11	.07	580	.01	2	.64	.01	.09	1	5654
MB2 S-18	7	33	22	85	1.0	22	6	210	4.76	50	5	ND	1	36	.2	5	2	53	.03	.135	10	20	.13	368	.01	2	.87	.01	.06	1	2857
MB2 S-19	6	37	20	106	1.3	25	8	294	4.77	49	5	ND	1	53	.2	5	2	47	.09	.143	13	23	.21	464	.02	2	1.10	.01	.07	1	3179
MB2 S-20	12	36	27	131	2.5	32	6	198	5.85	93	5	ND	1	91	.2	13	2	72	.04	.174	12	15	.12	473	.03	2	.71	.01	.11	1	13444
MB2 S-21	16	30	20	159	1.3	44	7	394	4.83	71	5	ND	1	62	.2	8	2	75	.05	.179	12	19	.16	596	.03	2	1.12	.01	.10	1	22185
MB2 S-22	13	45	28	120	2.6	53	7	231	3.85	68	5	ND	3	76	.3	11	2	75	.07	.121	12	18	.09	518	.01	2	2.08	.01	.14	1	23044
MB2 S-23	40	97	39	143	2.8	84	7	514	4.98	127	5	ND	1	58	.2	23	2	132	.03	.188	13	18	.05	405	.02	2	2.13	.01	.22	4	80597
STANDARD C/CB-1200	18	58	39	132	6.9	70	31	1040	3.96	43	19	7	37	53	18.2	14	19	56	.48	.090	36	58	.88	176	.09	34	1.89	.07	.15	11	2174

KEG

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
MB2 S-24	4	22	18	74	.7	18	5	214	4.49	26	5	ND	2	25	.2	3	2	54	.03	.063	10	22	.17	255	.04	2	1.03	.01	.05	3	2331
MB2 S-25	4	22	22	80	.9	16	4	160	3.94	30	5	ND	2	36	.2	4	2	60	.03	.063	12	11	.07	248	.04	2	.66	.01	.07	1	2723
MB2 S-26	7	26	38	72	1.6	15	4	188	4.60	45	5	ND	1	30	.2	8	2	67	.02	.056	9	13	.08	240	.04	2	.63	.01	.07	1	3508
MB2 S-27	6	15	23	46	3.8	7	2	61	2.48	44	5	ND	1	31	.2	15	2	51	.01	.040	5	12	.04	334	.01	3	.38	.01	.11	1	5001
MB2 S-28	1	29	29	86	.1	28	19	820	4.05	7	5	ND	3	20	.2	2	2	8	.33	.045	16	4	.09	172	.01	2	.45	.01	.07	1	1518
MB2 S-29	1	23	20	79	.1	19	11	616	3.36	5	5	ND	2	40	.2	2	2	11	.86	.075	10	8	.12	298	.01	4	.63	.01	.06	1	1520
MB2 S-30	1	39	46	116	.1	39	22	1039	5.37	21	5	ND	4	25	.2	2	2	13	.40	.061	15	9	.13	262	.01	2	.61	.01	.08	1	2170
MB2 S-31	1	28	35	120	.1	25	14	1239	4.00	11	5	ND	1	46	.2	2	2	13	.99	.079	14	9	.13	288	.01	3	.71	.01	.06	1	1718
MB2 S-32	2	36	49	108	.1	28	18	1722	3.87	14	5	ND	1	25	.2	2	2	18	.22	.067	11	12	.18	414	.01	2	.88	.01	.08	1	2585
MB2 S-33	2	40	42	109	.1	26	17	1970	3.77	11	5	ND	2	23	.2	2	2	15	.22	.062	11	9	.14	424	.01	3	.70	.01	.07	1	2826
MB2 S-34	2	26	35	94	.1	18	12	971	4.00	7	5	ND	1	28	.2	2	2	17	.30	.115	7	10	.11	380	.01	4	.77	.01	.07	1	2266
MB2 S-35	2	44	41	127	.1	38	27	2520	4.43	10	5	ND	1	20	.2	2	2	18	.17	.086	9	16	.16	321	.01	2	.97	.01	.06	1	2702
MB2 S-36	2	46	36	93	.1	37	16	806	4.70	14	5	ND	3	38	.2	2	2	13	.04	.057	8	19	.18	313	.01	2	.93	.01	.10	1	3680
MB2 S-37	7	25	18	132	1.0	28	7	213	2.90	21	5	ND	1	34	.5	4	2	48	.07	.091	10	9	.22	1255	.01	2	1.16	.01	.07	1	13659
MB2 S-38	1	23	14	82	.1	14	7	668	2.01	5	5	ND	1	10	.2	2	2	18	.07	.102	4	3	.05	170	.01	2	.46	.01	.05	1	1429
RE MB2 S-42	2	41	33	109	.1	27	20	1362	3.56	9	5	ND	1	11	.2	2	2	23	.03	.083	7	16	.19	93	.01	2	.90	.01	.05	1	1485
MB2 S-39	2	27	30	95	.1	19	15	1386	3.91	6	5	ND	1	9	.2	2	2	29	.03	.097	8	18	.14	97	.01	2	.96	.01	.06	1	1409
MB2 S-40	2	30	21	87	.1	16	9	596	3.12	9	5	ND	1	8	.2	3	2	35	.02	.087	7	14	.04	66	.01	2	.63	.01	.05	1	1300
MB2 S-41	2	28	18	88	.1	15	8	600	2.44	6	5	ND	1	8	.2	2	2	27	.03	.091	5	11	.03	84	.01	2	.52	.01	.06	1	1583
MB2 S-42	2	40	33	104	.1	27	19	1278	3.40	8	5	ND	1	10	.2	2	2	22	.03	.080	7	15	.18	87	.01	2	.85	.01	.05	1	1484
MB2 S-43	1	58	31	133	.1	35	19	1002	3.22	22	5	ND	1	16	.2	3	2	7	.13	.074	5	1	.06	166	.01	2	.36	.01	.06	1	2142
MB2 S-44	5	35	35	98	.1	18	11	1210	3.10	8	5	ND	1	17	.2	2	2	23	.09	.187	4	11	.09	129	.01	3	.65	.01	.07	1	1299
MB2 S-45	5	74	68	139	.1	52	25	1898	4.79	15	5	ND	2	48	.3	2	2	27	.07	.087	9	20	.31	248	.01	2	1.21	.01	.05	1	2309
MB2 S-46	2	80	113	229	.1	65	36	2673	6.39	20	5	ND	2	35	.2	2	2	16	.18	.121	10	13	.18	507	.01	2	.87	.01	.07	1	2690
MB2 S-47	8	68	47	141	.1	39	20	1568	4.89	16	5	ND	1	30	.5	2	2	33	.07	.143	9	20	.20	161	.01	2	1.06	.01	.06	1	1866
MB2 S-48	28	158	45	307	.1	71	24	1849	5.64	60	5	ND	1	94	1.6	6	2	58	.07	.283	13	12	.08	221	.01	2	.79	.01	.06	2	1509
MB2 S-49	2	47	28	116	1.6	23	10	501	4.79	15	5	ND	2	15	.2	2	2	79	.04	.040	12	60	.35	344	.03	2	1.77	.01	.08	1	2848
MB2 S-50	1	148	27	169	4.0	35	8	521	8.23	32	5	ND	1	52	.3	3	2	173	.02	.083	14	134	.46	666	.05	2	1.64	.01	.21	1	3857
MB2 S-51	2	143	24	158	4.1	25	6	575	9.05	41	5	ND	1	32	.2	4	2	228	.02	.108	16	207	.33	722	.03	2	1.47	.01	.17	1	2558
MB2 S-52	2	46	17	99	1.2	17	8	556	5.27	13	5	ND	1	9	.2	2	2	67	.03	.048	9	35	.18	295	.03	2	1.17	.01	.05	1	1359
MB2 S-53	3	30	13	59	1.2	11	4	232	3.32	11	5	ND	1	14	.2	2	2	73	.03	.046	14	37	.11	174	.02	2	.90	.01	.04	1	1052
RH2 S-001	4	43	15	493	.2	65	11	497	2.68	9	5	ND	3	62	5.1	2	2	23	1.18	.121	12	14	.45	599	.01	4	1.12	.01	.08	1	1909
RH2 S-002	5	52	19	291	.3	66	10	410	2.84	8	5	ND	4	60	5.8	3	2	23	1.13	.122	13	15	.50	617	.01	3	1.32	.01	.09	1	1934
RH2 S-003	14	54	15	603	.6	91	10	1309	3.17	13	6	ND	1	84	8.5	8	2	22	1.89	.130	8	12	.40	470	.01	6	1.07	.01	.07	1	1560
RH2 S-004	24	94	14	447	.9	71	11	372	7.93	71	5	ND	3	94	6.0	27	2	40	.83	.285	11	12	.33	477	.02	2	1.00	.01	.07	1	2067
RH2 S-005	10	52	17	227	.8	52	11	527	2.64	9	5	ND	3	62	5.0	8	2	31	1.00	.131	13	15	.44	465	.02	2	1.20	.01	.09	1	1642
RH2 S-006	10	61	18	337	1.7	56	6	298	2.07	11	5	ND	2	108	4.3	14	2	48	.79	.121	14	12	.30	478	.04	2	.92	.01	.08	1	2753
STANDARD C/CB-1200	19	58	39	134	6.9	72	31	1070	4.04	38	18	7	37	53	18.2	14	19	56	.49	.092	36	57	.93	180	.09	34	1.95	.07	.15	11	2195

KBC

LADUE

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
RH2 S-007	14	22	19	140	1.5	19	3	103	1.26	13	5	ND	3	95	.8	12	2	53	.31	.075	13	8	.17	411	.09	2	.49	.01	.09	2	2831
RH2 S-008	10	57	17	454	.8	78	10	422	2.69	19	5	ND	3	61	2.3	14	2	37	.77	.117	14	18	.38	359	.02	3	1.21	.01	.08	2	1992
RH2 S-009	9	84	15	564	.8	124	8	320	2.42	22	5	ND	3	80	5.7	14	2	40	.75	.128	13	18	.36	323	.02	2	1.07	.01	.07	2	2193
RH2 S-010	7	79	13	860	.6	193	8	250	2.80	17	5	ND	3	58	2.7	17	2	30	.96	.127	12	18	.38	283	.01	3	1.21	.01	.08	1	1747
RH2 S-011	8	76	12	535	1.0	119	7	166	2.38	14	5	ND	3	49	1.7	15	2	33	.70	.113	15	20	.42	289	.01	2	1.39	.01	.07	2	1505
RH2 S-012	7	34	20	250	1.2	30	9	238	3.33	18	5	ND	4	14	.2	12	2	48	.11	.043	12	26	.39	146	.02	2	1.77	.01	.05	3	1016
RH2 S-013	13	29	19	331	2.3	59	9	312	2.96	27	5	2	6	75	.6	15	2	46	.45	.135	14	25	.34	303	.04	2	1.40	.01	.06	3	1772
RE RH2 S-018	11	14	24	34	1.1	7	2	94	1.04	12	5	ND	3	93	.3	15	2	52	.03	.048	24	6	.09	377	.13	4	.62	.01	.05	1	6237
RH2 S-014	8	21	16	155	1.3	49	7	190	2.35	19	5	ND	4	100	.6	17	2	43	.46	.151	18	17	.37	260	.03	4	1.11	.01	.05	1	1793
RH2 S-015	14	34	14	669	1.0	270	8	323	2.39	23	5	ND	2	82	4.5	16	2	39	.95	.163	11	13	.34	694	.02	2	1.09	.01	.07	2	2177
RH2 S-016	13	35	19	332	1.2	130	8	205	2.52	18	5	ND	3	78	1.8	12	2	46	.44	.112	16	12	.35	1104	.02	2	1.27	.01	.08	1	3546
RH2 S-017	13	47	17	166	1.2	42	9	285	2.70	19	5	ND	4	36	1.0	13	2	33	.24	.119	20	13	.39	753	.03	2	1.11	.01	.07	1	2960
RH2 S-018	11	13	21	35	1.1	7	2	94	1.06	12	5	ND	3	91	.4	15	2	54	.03	.047	24	6	.09	379	.13	3	.64	.01	.05	1	6187
RH2 S-019	10	27	17	415	2.0	71	33	920	3.62	24	5	ND	1	26	1.4	11	2	90	.12	.111	12	27	.27	264	.02	3	1.49	.01	.07	3	1570
RH2 S-020	8	42	19	326	.4	58	11	660	2.98	20	5	ND	2	35	1.5	8	2	42	.22	.059	15	19	.34	685	.02	2	1.26	.01	.07	2	2074
RH2 S-021	3	25	33	115	.5	32	11	332	3.28	16	5	ND	5	21	.2	2	2	39	.23	.039	15	29	.47	309	.02	4	1.78	.01	.05	1	1258
RH2 S-022	4	42	16	160	.6	47	10	373	3.19	16	5	ND	2	88	.8	4	2	30	1.55	.080	11	13	.26	756	.01	2	1.25	.01	.05	1	1601
RH2 S-023	11	81	12	1585	.6	336	18	839	2.64	13	5	ND	2	116	4.9	9	2	30	1.50	.085	9	15	.28	328	.02	2	.96	.01	.05	1	1571
RH2 S-024	8	150	14	2053	.5	302	19	919	2.16	14	5	ND	2	126	6.3	8	2	34	1.34	.081	10	14	.29	346	.02	2	1.03	.01	.06	1	1755
RH2 S-025	3	37	18	165	.1	41	11	475	4.19	18	5	ND	1	22	.3	3	2	34	.06	.089	9	27	.34	125	.02	2	1.45	.01	.06	2	2524
RH2 S-026	3	48	24	157	.2	46	12	337	4.04	18	5	ND	1	24	.4	2	2	31	.06	.061	9	27	.34	133	.02	2	1.41	.01	.06	2	2795
RH2 S-027	3	57	19	139	.4	36	9	300	4.50	16	5	ND	1	24	.2	2	2	36	.04	.055	7	28	.19	111	.02	2	1.19	.01	.05	2	2750
RH2 S-028	2	102	30	211	.7	59	10	216	4.75	19	5	ND	1	31	.2	2	2	25	.04	.050	6	22	.18	99	.02	2	1.00	.01	.04	2	3672
RH2 S-029	10	194	13	462	1.2	160	16	377	7.48	34	5	ND	2	36	1.5	2	3	20	.03	.116	5	13	.07	287	.01	2	1.01	.01	.04	3	5813
RH2 S-030	13	50	16	40	2.8	10	1	31	1.18	28	5	ND	3	96	.2	6	2	13	.01	.040	16	8	.01	633	.01	4	.31	.01	.07	1	7382
RH2 S-031	26	79	22	120	4.3	29	4	158	7.49	62	5	ND	1	192	.2	5	2	30	.02	.267	10	30	.04	296	.01	2	.71	.08	.11	1	8289
RH2 S-032	15	48	24	108	2.0	27	6	265	4.14	39	5	ND	1	66	.2	5	2	38	.05	.113	12	23	.17	438	.02	4	1.10	.02	.07	1	4818
RH2 S-033	21	64	17	129	6.4	54	2	41	1.84	49	5	ND	1	31	.2	3	2	19	.01	.074	12	16	.02	561	.01	6	.47	.01	.04	1	5398
RH2 S-034	15	54	26	125	2.0	31	5	153	4.23	53	5	ND	1	50	.2	5	2	49	.03	.070	10	35	.10	280	.02	3	.75	.01	.08	1	3491
RH2 S-035	23	54	21	128	3.3	30	5	179	5.97	68	5	ND	1	151	.2	3	2	43	.03	.107	10	30	.11	256	.02	2	.79	.08	.14	1	5487
RH2 S-036	11	28	20	113	2.2	27	6	179	4.14	36	5	ND	1	53	.2	4	2	139	.07	.266	9	24	.16	763	.02	4	.98	.01	.10	1	41057
RH2 S-037	19	73	28	464	2.8	77	10	290	4.73	52	6	ND	1	77	2.8	5	2	198	.15	.503	10	34	.26	707	.02	3	2.19	.01	.10	3	45107
RH2 S-038	60	44	44	118	9.8	49	9	238	4.79	75	5	ND	1	116	.3	11	2	58	.08	.092	9	41	.16	283	.01	4	1.35	.01	.17	1	2230
RH2 S-039	9	30	24	186	1.0	39	10	321	4.31	52	5	ND	1	62	.7	4	2	51	.25	.118	11	14	.36	1687	.02	2	1.15	.01	.08	2	10985
RH2 S-040	10	25	19	87	1.4	19	4	191	4.68	56	5	ND	1	37	.2	5	2	71	.03	.152	7	10	.07	1020	.01	2	.65	.01	.07	1	10408
RH2 S-041	15	25	23	132	1.8	25	5	181	4.58	48	5	ND	1	64	.2	5	2	82	.06	.196	9	15	.12	809	.01	3	.97	.01	.09	1	9504
RH2 S-042	20	17	30	71	2.0	13	2	57	2.60	52	5	ND	1	68	.2	6	2	86	.01	.146	7	3	.01	699	.01	7	.28	.01	.13	1	8007
STANDARD C/CB-1200	18	58	40	134	7.3	71	31	1064	3.99	41	17	7	37	53	18.0	14	19	57	.49	.091	36	59	.89	178	.09	35	1.90	.07	.15	11	2192

LADUE

KEG

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
RH2 S-043	58	21	43	120	5.8	50	4	111	4.51	71	6	ND	2	261	.6	27	2	112	.09	.311	18	15	.01	101	.01	3	.32	.02	.37	1	8209
RH2 S-044	6	72	24	147	.2	80	23	1052	6.17	15	5	ND	1	59	.2	3	2	32	.04	.158	10	25	.11	253	.01	2	.92	.01	.08	2	2692
RH2 S-045	3	66	39	144	.1	53	33	2083	6.22	9	5	ND	1	13	.2	2	2	25	.06	.076	9	14	.11	328	.01	2	.82	.01	.06	1	2979
RH2 S-046	6	110	98	259	.1	48	53	6634	8.41	2	5	ND	4	23	.2	2	2	33	.15	.108	15	17	.30	482	.01	2	1.55	.01	.06	1	2291
RH2 S-047	53	143	21	780	2.0	170	20	750	7.59	68	5	ND	1	101	6.8	10	2	369	.22	.338	7	35	.10	529	.01	4	1.39	.01	.11	1	138274
RH2 S-048	46	176	28	703	1.9	154	24	1026	6.45	85	6	ND	1	87	9.3	8	2	290	.13	.281	7	38	.12	668	.01	3	1.56	.01	.10	1	110134
RH2 S-049	4	23	18	88	.1	20	8	298	3.26	9	5	ND	1	13	.2	2	2	50	.04	.072	8	20	.13	162	.02	2	.96	.01	.05	1	2238
RH2 S-050	4	31	29	132	.3	38	15	759	4.01	15	5	ND	1	23	.2	2	2	34	.05	.082	7	22	.26	235	.01	2	1.26	.01	.06	1	2869
RH2 S-051	7	43	16	107	1.4	25	4	90	2.15	12	5	ND	1	71	.2	2	2	9	.01	.051	3	6	.04	272	.01	2	.36	.01	.04	1	5818
RH2 S-052	12	62	13	84	1.7	29	5	110	2.03	23	5	ND	1	119	.2	2	2	11	.01	.076	11	1	.02	2011	.01	2	.56	.01	.03	1	15968
RH2 S-053	5	44	27	126	.6	30	8	218	4.02	13	5	ND	1	26	.2	2	2	28	.02	.109	5	23	.14	493	.01	2	1.05	.01	.05	1	3500
RH2 S-054	3	66	17	332	2.8	88	13	1231	6.01	4	5	ND	1	36	.7	2	2	29	.19	.231	6	11	.07	930	.01	2	.89	.01	.03	1	5098
RH2 S-055	5	108	17	251	1.7	65	11	402	5.97	9	5	ND	1	67	.2	2	2	24	.05	.189	5	17	.14	328	.01	2	.89	.03	.06	1	4891
RH2 S-056	5	107	20	212	1.7	53	9	363	5.23	13	5	ND	1	118	.2	2	2	23	.03	.157	3	18	.10	427	.01	2	.90	.06	.07	1	6490
RH2 S-057	10	88	14	266	1.6	69	11	685	5.43	18	5	ND	1	55	.2	2	2	26	.03	.121	4	11	.08	553	.01	2	.77	.06	.07	1	6621
RH2 S-058	12	59	20	173	2.6	37	5	140	4.49	27	5	ND	1	90	.2	3	2	22	.02	.100	6	10	.06	592	.01	3	.57	.03	.07	1	7939
RH2 S-059	39	88	25	319	5.7	93	7	531	4.49	37	8	ND	1	77	.4	3	2	32	.09	.174	7	26	.07	424	.01	2	.76	.06	.14	1	4945
RH2 S-060	26	25	18	142	2.0	35	3	88	2.35	44	5	ND	1	15	.2	4	2	33	.01	.050	9	9	.02	218	.01	3	.36	.01	.06	1	5246
RH2 S-061	29	91	11	109	3.6	42	2	9	1.46	32	10	ND	5	73	1.0	3	2	19	.01	.063	18	1	.01	2531	.01	2	.61	.01	.04	1	14523
RH2 S-062	28	82	12	268	5.1	92	2	20	1.82	23	6	ND	1	53	.7	3	2	17	.03	.064	14	17	.01	867	.01	2	.36	.01	.04	1	6595
RH2 S-063	5	36	22	115	1.7	28	8	451	3.29	58	5	ND	1	71	.2	8	2	37	.11	.108	8	15	.13	500	.02	2	.76	.01	.08	1	3698
RH2 S-064	6	31	40	86	5.3	16	4	165	3.64	96	5	ND	1	87	.2	13	2	46	.02	.124	5	16	.04	479	.01	2	.55	.01	.12	1	5320
RH2 S-065	6	21	37	79	2.1	14	4	142	2.65	63	5	ND	1	69	.2	9	2	53	.03	.085	6	11	.04	484	.01	2	.52	.01	.10	1	5896
RH2 S-066	6	28	52	82	4.4	18	7	262	3.77	82	5	ND	1	134	.2	13	2	58	.07	.115	9	18	.18	738	.01	2	1.02	.01	.17	1	6983
RH2 S-067	6	25	35	85	2.0	14	3	82	2.80	72	5	ND	1	87	.2	12	2	64	.02	.134	6	13	.03	490	.01	5	.54	.01	.09	1	5291
RH2 S-068	8	42	42	116	3.7	29	10	369	3.87	66	5	ND	1	108	.2	9	2	56	.17	.137	13	23	.40	660	.02	3	1.42	.01	.15	1	4502
RH2 S-069	5	17	37	52	2.7	9	3	70	1.99	88	5	ND	1	79	.2	15	2	42	.02	.055	5	6	.02	494	.01	2	.22	.01	.12	1	3867
RH2 S-070	6	58	2164	147	22.8	22	4	111	6.91	456	5	ND	5	366	.2	617	2	66	.02	.269	9	27	.01	81	.01	4	.42	.02	.39	1	13921
RH2 S-071	7	91	20	249	.7	60	12	300	4.17	36	5	ND	4	61	1.1	2	2	54	.25	.103	14	18	.48	2149	.05	2	1.56	.01	.09	2	7676
RH2 S-072	9	68	22	238	.8	55	12	342	3.95	39	5	ND	4	53	1.8	4	3	56	.18	.105	12	14	.32	1672	.03	2	1.16	.01	.07	1	19839
RH2 S-073	15	43	20	284	.9	52	8	198	8.96	16	5	ND	1	44	.4	4	2	50	.05	.144	7	9	.15	1048	.01	2	.92	.01	.05	1	37539
RH2 S-074	18	39	20	116	2.2	32	5	91	3.33	32	5	ND	1	56	.4	5	2	67	.05	.233	5	10	.05	461	.01	2	.93	.01	.08	1	151958
RH2 S-075	15	65	24	267	2.2	68	9	358	4.87	56	5	ND	2	110	2.2	8	2	66	.12	.157	7	16	.07	280	.01	5	.81	.01	.13	1	68505
RE RH2 S-072	9	68	19	239	.9	55	12	325	3.94	40	5	ND	4	52	2.0	4	2	56	.18	.106	12	15	.32	1496	.03	2	1.18	.01	.08	1	20047
RH2 S-076	6	49	24	256	1.6	49	10	238	3.82	24	5	ND	1	42	2.0	2	2	47	.10	.096	12	10	.37	2207	.02	3	1.75	.01	.06	1	18848
RH2 S-077	8	28	17	108	1.2	30	6	160	2.80	30	5	ND	1	33	.2	2	2	28	.05	.076	10	16	.17	477	.01	2	.77	.01	.05	1	4736
RH2 S-078	7	43	22	129	1.4	35	11	368	3.83	35	5	ND	1	47	.3	3	2	39	.11	.121	11	12	.26	1134	.02	2	1.34	.01	.06	1	8777
STANDARD C/CB-1200	18	57	39	128	6.9	68	30	1028	3.83	39	18	7	36	52	17.2	14	19	56	.46	.087	37	54	.87	171	.08	33	1.86	.07	.15	11	2160

KEG

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
RH2 S-079	15	50	29	153	2.8	27	10	216	7.35	62	5	ND	4	133	.2	2	5	48	.04	.181	11	17	.16	348	.01	2	.81	.01	.10	1	17895
RH2 S-080	22	59	35	165	5.0	27	14	419	8.63	110	5	ND	1	272	.2	8	2	68	.04	.362	10	23	.07	574	.01	2	.74	.01	.13	1	8211
RH2 S-081	38	55	40	135	6.5	19	9	120	8.23	126	5	ND	2	247	.2	24	4	111	.05	.479	12	21	.04	230	.01	2	.91	.01	.14	1	14940
RH2 S-082	45	36	58	373	3.5	52	20	1766	7.78	98	5	ND	2	281	2.6	9	2	68	.18	.295	14	23	.21	238	.01	2	1.61	.01	.21	1	14347
RH2 S-083	39	65	41	458	3.9	120	16	530	6.54	101	8	ND	4	108	5.1	9	4	142	.26	.416	13	21	.10	529	.01	2	1.96	.01	.11	2	46262
RE RH2 S-083	40	69	45	487	4.1	130	16	569	6.89	101	5	ND	4	112	5.5	9	2	149	.27	.440	13	20	.11	534	.01	2	2.06	.01	.12	2	45236
RH2 S-084	26	41	26	160	1.7	54	8	243	3.39	59	7	ND	3	41	.4	3	2	86	.06	.185	13	17	.06	676	.01	2	1.79	.01	.09	1	50560
RH2 S-085	10	36	26	146	.6	43	15	771	3.78	26	5	ND	2	38	.4	2	2	44	.15	.095	9	21	.22	790	.01	2	1.19	.01	.09	1	35454

KE6

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
GC2 L-001	1	42	24	78	.1	42	22	386	3.14	8	5	ND	17	9	.2	2	2	11	.07	.036	41	17	.50	54	.01	2	1.33	.01	.03	1	735
GC2 L-002	9	14	9	24	.9	8	1	18	.96	12	5	ND	2	36	.2	6	2	7	.04	.007	10	1	.01	1812	.01	2	.11	.01	.03	1	10097
GC2 L-003	2	36	28	168	.9	54	12	308	4.09	18	5	ND	2	34	.8	4	2	19	.44	.099	5	19	.48	281	.01	2	1.37	.01	.06	1	1449
GC2 L-004	3	38	28	180	.5	54	17	608	3.98	16	5	ND	3	48	1.3	2	2	22	.29	.081	5	18	.45	541	.01	4	1.23	.01	.06	1	2835
GC2 L-005	2	34	18	139	.2	55	13	335	3.77	28	5	ND	2	53	.4	2	2	17	.67	.062	3	18	.47	366	.01	4	1.17	.01	.05	1	2873
GC2 L-006	9	60	14	103	5.2	34	6	151	2.67	16	5	ND	2	71	.2	3	2	10	.03	.062	7	1	.08	1368	.01	3	.49	.01	.04	1	18338
GC2 L-007	10	108	13	99	6.8	33	5	247	19.33	2	5	3	3	40	.2	2	2	55	.03	.255	2	120	.05	61	.01	7	.49	.02	.05	1	4745
GS2 L-01	3	32	11	383	.4	51	9	358	2.61	32	5	ND	3	75	3.7	3	2	25	1.13	.130	11	13	.43	544	.02	3	.89	.01	.07	1	1765
GS2 L-02	10	102	17	457	.9	85	9	477	2.28	15	5	ND	1	84	9.5	9	2	44	.53	.102	15	7	.27	962	.02	2	1.00	.01	.08	2	4149
DS2 L-01	3	31	19	107	.2	33	11	496	3.18	15	5	ND	3	42	.5	2	2	20	.30	.062	7	14	.30	402	.01	2	.80	.01	.05	1	2615
DS2 L-02	2	30	18	105	.1	35	11	520	3.18	14	5	ND	3	42	.2	2	2	21	.33	.061	7	15	.34	422	.01	2	.88	.01	.05	1	2363
DS2 L-03	8	168	20	188	.9	56	14	515	5.04	15	5	ND	2	41	.5	3	2	20	.09	.066	5	14	.12	433	.01	2	1.56	.01	.05	2	5951
DS2 L-04	9	168	19	175	1.0	53	14	490	5.82	13	5	ND	2	39	.2	3	2	19	.07	.064	5	16	.11	274	.01	2	1.82	.01	.04	2	6478
DS2 L-05	9	128	18	143	1.1	42	9	356	5.64	12	5	ND	2	41	.2	3	2	19	.07	.064	4	15	.10	303	.01	2	1.44	.01	.04	2	9304
DS2 L-06	10	121	14	141	1.1	42	9	355	6.56	11	5	ND	2	41	.2	4	3	20	.06	.067	4	15	.10	265	.01	2	1.16	.01	.04	1	6940
DS2 L-07	10	108	19	130	1.2	39	9	368	7.04	11	5	ND	2	40	.2	5	2	22	.07	.074	4	15	.10	251	.01	2	.90	.01	.04	1	7048
DS2 L-08	9	107	17	117	1.3	38	9	348	6.67	11	5	ND	2	41	.2	4	2	21	.07	.067	4	16	.11	258	.01	2	.87	.01	.04	1	7586
DS2 L-09	13	37	15	105	1.4	42	8	286	2.62	18	5	ND	2	62	.5	5	2	49	.19	.099	7	7	.17	742	.01	2	.62	.01	.06	1	8512
DS2 L-10	8	98	23	126	1.1	39	10	366	3.30	18	5	ND	1	40	.5	5	2	22	.09	.067	5	12	.15	728	.01	2	.95	.01	.05	2	6622
DS2 L-11	8	45	22	133	.9	43	10	455	3.03	20	5	ND	1	38	.4	4	2	22	.17	.067	4	5	.17	1030	.01	2	.74	.01	.05	1	7901
DS2 L-12	3	125	25	311	.9	114	22	8019	3.51	15	5	ND	1	26	1.9	3	2	33	.12	.111	9	19	.28	847	.01	2	2.10	.01	.11	2	1814
DS2 L-13	1	78	10	74	1.8	23	45	8290	35.91	2	5	ND	1	6	.3	2	3	7	.01	.047	2	9	.02	44	.01	4	.37	.01	.03	1	492
DS2 L-14	6	307	25	423	.4	331	269	63424	16.92	2	5	ND	1	17	5.6	2	2	43	.03	.066	9	24	.11	529	.01	2	1.56	.01	.09	2	2826
DS2 L-15	3	181	30	418	.1	212	58	17395	5.72	20	5	ND	2	27	2.7	2	2	38	.13	.055	12	24	.35	389	.02	2	1.19	.01	.09	1	4088
DS2 L-16	3	126	22	423	.2	171	35	7298	5.25	28	5	ND	4	29	1.9	2	2	39	.21	.049	11	27	.46	435	.02	2	1.06	.01	.08	1	3012
RE DS2 L-12	3	123	28	307	.9	113	22	7855	3.47	14	5	ND	1	26	1.8	2	2	32	.11	.107	9	20	.28	822	.01	2	2.06	.01	.11	2	1903
DS2 L-17	5	140	25	296	3.0	83	22	2448	4.84	33	5	ND	1	40	2.4	4	2	92	.15	.093	12	64	.29	755	.02	2	2.10	.01	.12	2	3192
DS2 L-18	2	120	19	426	.4	161	33	6089	5.02	27	5	ND	3	28	2.3	2	2	42	.17	.048	11	27	.41	479	.02	2	1.06	.01	.08	1	3441
MB2 L-001	1	37	21	119	.1	60	31	1610	3.20	9	5	ND	11	61	1.0	2	2	15	.37	.049	38	16	.54	179	.01	2	1.32	.01	.04	1	1136
MB2 L-002	1	33	20	79	.1	38	30	1010	2.88	7	5	ND	11	40	.5	2	2	14	.25	.040	39	15	.42	127	.01	2	1.08	.01	.03	1	853
MB2 L-003	1	20	15	59	.1	21	11	200	2.54	6	5	ND	11	9	.2	2	2	11	.06	.034	43	16	.46	51	.01	2	1.07	.01	.02	1	744
MB2 L-004	1	28	20	66	.1	24	14	474	2.85	10	5	ND	9	15	.2	2	2	16	.15	.045	29	16	.44	110	.01	2	1.11	.01	.03	1	908
MB2 L-005	1	55	26	137	.1	123	48	992	3.47	12	5	ND	18	17	.4	2	2	11	.12	.040	93	20	.58	48	.01	2	1.47	.01	.03	1	869
MB2 L-006	1	59	27	135	.1	134	58	1180	3.64	16	5	ND	20	15	.2	2	2	10	.12	.040	86	20	.60	40	.01	2	1.59	.01	.02	1	767
MB2 L-007	1	71	36	183	.1	179	55	1191	4.17	8	5	ND	18	17	.2	2	2	10	.15	.041	218	23	.70	35	.01	2	2.18	.01	.03	1	898
MB2 L-008	1	52	28	139	.1	95	27	552	4.13	6	5	ND	23	10	.2	2	2	10	.07	.036	121	22	.71	21	.01	2	1.69	.01	.02	1	932
MB2 L-009	1	131	53	220	.1	275	126	2505	4.94	7	5	ND	26	14	.4	2	2	10	.08	.044	146	24	.67	41	.01	2	2.47	.01	.02	1	887
MB2 L-010	2	49	51	78	2.0	39	90	2385	4.22	22	46	4	25	7	.6	14	6	13	.06	.053	41	24	.56	48	.01	38	1.54	.01	.04	5	998
STANDARD C/CB-1200	17	58	38	133	6.9	70	31	1055	4.00	38	21	7	36	53	18.5	14	19	56	.48	.090	36	58	.89	178	.09	34	1.90	.07	.15	10	2135

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
MB2 L-13	1	46	26	205	.1	73	31	3876	4.24	18	5	ND	3	19	.4	2	2	33	.16	.034	9	25	.37	478	.02	2	.87	.01	.06	1	1482
MB2 L-14	1	44	28	154	.5	54	25	1734	3.93	24	5	ND	4	18	.4	2	3	32	.17	.034	9	25	.35	273	.02	2	.83	.01	.07	1	1168
MB2 L-15	1	44	21	185	.5	57	21	1561	4.12	20	5	ND	3	22	.4	2	2	34	.19	.042	10	28	.38	330	.02	5	.95	.01	.07	1	1244
MB2 L-16	3	71	20	283	1.2	78	18	1242	4.45	17	5	ND	2	49	2.2	2	7	48	.39	.058	12	37	.40	486	.02	2	1.39	.01	.11	1	1924
MB2 L-17	2	48	23	214	.8	67	19	1743	4.57	16	5	ND	4	27	.4	2	8	44	.21	.042	11	35	.40	441	.02	4	1.14	.01	.08	1	2032
MB2 L-18	2	49	21	236	.9	63	17	1580	4.51	17	5	ND	3	29	1.3	2	2	46	.23	.045	12	34	.42	451	.02	2	1.17	.01	.09	1	1983
MB2 L-19	1	53	19	150	.1	45	23	1194	4.50	17	5	ND	3	35	.7	2	3	36	.71	.042	7	29	.87	179	.05	2	.93	.01	.05	1	1210
MB2 L-20	1	43	18	129	.2	40	20	1114	3.71	15	5	ND	3	31	.2	2	4	31	.53	.042	9	25	.65	163	.04	2	.87	.01	.06	1	1015
MB2 L-21	1	49	14	142	.2	46	21	1169	3.90	13	5	ND	4	31	.6	2	3	35	.47	.045	10	28	.63	218	.04	5	.91	.01	.06	1	1231
MB2 L-22	2	50	22	173	.3	54	23	1305	3.97	15	5	ND	5	32	.9	2	2	36	.39	.046	11	27	.53	275	.03	2	.98	.01	.07	1	1625
MB2 L-23	2	47	17	150	.3	47	24	1442	4.12	19	5	ND	5	27	.6	2	2	38	.37	.045	10	29	.61	233	.04	2	.93	.01	.06	1	1720
MB2 L-24	2	53	21	180	.2	47	22	1269	4.24	17	5	ND	5	27	.6	2	7	36	.28	.043	11	29	.52	256	.03	2	1.01	.01	.06	1	1266
MB2 L-25	1	43	16	161	.1	49	20	1202	4.11	13	5	ND	4	27	.4	2	2	37	.31	.046	11	30	.57	266	.04	3	.94	.01	.06	1	1518
RH2 L-001	1	33	25	135	.5	42	16	572	3.95	34	5	ND	4	28	.4	2	3	26	.32	.079	10	23	.54	240	.01	2	1.30	.01	.07	1	1399
RH2 L-001A	18	92	8	2122	.6	280	37	1664	6.28	42	5	ND	4	104	6.0	16	2	25	1.00	.112	10	14	.32	251	.02	2	.88	.01	.06	4	1479
RH2 L-002	3	32	24	244	.5	58	22	723	4.66	39	5	ND	3	53	.8	2	2	23	.67	.092	6	21	.50	256	.01	2	1.41	.01	.07	1	1359
RH2 L-002B	25	45	14	1773	.4	191	34	829	7.97	26	5	ND	2	82	21.7	10	5	36	.69	.183	11	12	.33	350	.04	2	.81	.01	.07	3	2322
RH2 L-003	3	35	33	260	.3	65	23	835	4.91	55	5	ND	4	35	1.4	5	2	25	.35	.092	8	21	.55	319	.01	2	1.41	.01	.08	1	1621
RH2 L-004	2	32	28	139	.3	43	18	394	4.25	38	5	ND	5	31	.3	3	2	25	.31	.076	9	23	.62	251	.01	2	1.40	.01	.07	1	1302
RH2 L-005	2	23	19	102	.1	34	16	1175	3.61	24	5	ND	4	34	.2	2	9	21	.27	.062	7	18	.45	305	.01	2	1.03	.01	.06	1	2115
RH2 L-006	2	29	20	114	.1	36	18	1202	3.97	28	5	ND	4	40	.2	3	2	24	.30	.072	9	21	.50	378	.01	2	1.04	.01	.06	1	2343
RH2 L-007	2	21	18	154	.1	35	13	628	3.24	20	5	ND	3	51	.5	3	2	21	.41	.061	7	16	.36	307	.01	6	.82	.01	.06	1	2195
RH2 L-008	3	34	23	159	.2	52	21	1157	4.22	22	5	ND	4	59	.9	2	2	28	.54	.080	10	23	.48	372	.01	2	1.26	.01	.08	1	2388
RH2 L-009	2	30	23	158	.1	48	21	1028	4.25	22	5	ND	4	50	.2	2	2	25	.43	.072	8	21	.49	374	.01	2	1.22	.01	.07	1	2400
RH2 L-010	2	36	25	171	.1	47	18	1157	4.36	24	5	ND	3	62	.6	2	2	28	.56	.086	10	25	.61	568	.01	3	1.54	.01	.08	1	3232
RH2 L-011	2	37	23	124	.4	41	17	577	3.92	30	5	ND	4	46	.2	2	2	25	.34	.074	8	21	.50	490	.01	5	1.21	.01	.06	1	3599
RE RH2 L-007	2	23	20	168	.3	40	14	672	3.53	20	5	ND	4	53	.7	4	2	23	.43	.065	7	19	.40	330	.01	7	.89	.01	.07	1	2202
RH2 L-012	3	33	18	134	.1	43	14	350	3.97	26	5	ND	1	36	.2	2	2	21	.25	.072	4	21	.51	427	.01	2	1.20	.01	.05	1	4220
STANDARD C/CB-1200	18	57	37	127	6.6	69	31	1069	4.15	40	18	7	37	52	17.2	14	19	55	.51	.096	37	57	.93	170	.09	34	1.96	.06	.15	10	2157

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Ba* ppm
GC2 R-01	39	157	12	199	.9	53	10	79	9.73	136	6	ND	6	334	3.0	60	6	604	1.89	1.407	7	105	.02	409	.01	2	1.85	.01	.09	1	69130
GC2 R-02	6	1	3	3	.1	4	2	36	.37	6	5	ND	2	10	.2	2	4	3	.01	.007	4	159	.01	1394	.01	3	.06	.01	.01	1	2616
GC2 R-03	5	11	10	5	.3	5	1	21	1.12	7	5	ND	2	38	.2	2	2	13	.01	.025	5	137	.02	502	.01	9	.25	.01	.08	1	13195
GC2 R-04	37	74	16	170	1.5	46	6	97	5.35	87	6	ND	8	378	1.4	6	6	669	3.57	1.811	14	74	.06	825	.01	27	1.84	.01	.29	1	79691
GC2 R-05	4	3	8	1	.3	4	1	22	.39	4	5	ND	1	11	.2	2	5	8	.01	.005	2	126	.01	794	.01	5	.18	.01	.08	1	4044
GC2 R-06	19	64	12	99	2.4	39	5	23	2.67	18	5	ND	2	13	.6	2	7	17	.03	.030	5	45	.02	80	.01	4	1.02	.01	.08	1	49152
GS2 R-01	65	102	7	1893	.1	577	47	1227	11.65	216	8	ND	2	88	7.3	19	2	188	.40	.341	2	59	.03	206	.01	12	2.87	.01	.03	1	1169
GS2 R-02	3	56	24	152	.2	82	11	168	2.99	22	5	ND	1	22	2.3	11	5	48	.48	.111	2	73	.28	270	.01	12	2.41	.02	.09	1	64583
DS2 R-01	3	30	9	14	1.0	7	2	26	.84	7	5	ND	1	8	.2	2	5	13	.01	.005	2	90	.02	545	.01	7	.22	.01	.08	1	3970
DS2 R-02	1	81	23	50	.5	50	6	122	3.96	9	5	ND	3	66	.5	2	10	28	.61	.385	2	44	.07	38	.01	12	.78	.01	.21	1	16990
MB2 R-01	2	2	13	14	.2	4	2	30	.48	6	5	ND	1	16	.2	2	8	2	.02	.002	2	54	.02	626	.01	3	.10	.01	.04	1	1368
MB2 R-02	2	24	14	20	.1	11	5	28	.70	5	5	ND	4	14	.2	2	2	2	.04	.037	2	70	.03	295	.01	6	.25	.01	.09	1	4315
MB2 R-03	22	12	3	19	.4	24	4	11	.61	17	5	ND	1	39	.2	9	4	41	.01	.021	3	23	.01	4146	.01	2	.46	.01	.08	1	437318
MB2 R-04	10	41	2	68	.2	42	6	86	.99	22	5	ND	1	23	.8	2	2	71	.04	.031	3	136	.01	4228	.01	2	.60	.01	.01	1	13077
MB2 R-05	1	9	6	13	.2	4	2	6	.32	9	5	ND	1	218	.2	4	5	28	.07	.043	2	20	.01	1665	.01	2	.09	.01	.01	1	482537
MB2 R-06	28	22	7	63	.3	116	23	13	1.24	97	5	ND	2	53	.2	2	4	287	.01	.049	2	29	.01	21882	.02	2	3.59	.01	.06	1	310425
MB2 R-07	3	15	51	58	.8	73	15	62	8.85	23	5	ND	3	19	.2	2	2	7	.15	.096	2	80	.02	159	.01	17	.36	.01	.12	1	7962
MB2 R-08	2	19	12	30	.1	24	4	27	1.47	7	5	ND	4	24	.2	2	3	6	.13	.087	2	86	.03	235	.01	12	.45	.01	.16	1	5450
RH2 R-001	2	26	3	601	.1	79	94	120	.21	5	5	ND	1	3123	9.6	2	2	5	5.63	.009	2	3	.02	55457	.01	5	.12	.01	.01	1	503744
RH2 R-002	72	23	14	149	1.2	115	5	18	3.02	144	5	ND	1	88	.5	2	3	62	.20	.093	2	33	.01	2006	.01	2	1.38	.01	.28	1	221129
RH2 R-003	5	21	8	22	.2	12	3	83	1.06	7	5	ND	1	25	.2	2	4	5	.03	.013	2	123	.01	607	.01	3	.15	.01	.07	1	3572
RH2 R-004	6	14	3	10	.5	15	3	40	2.63	10	5	ND	1	22	.2	2	3	5	.01	.003	2	148	.01	38	.01	3	.09	.01	.03	1	7746
RH2 R-005	41	49	13	184	.5	56	13	59	16.53	47	5	ND	3	220	.2	2	2	105	.02	.107	3	21	.01	606	.01	2	.42	.01	.05	1	261441
RH2 R-006	94	130	17	301	.9	143	7	154	2.98	66	5	ND	5	67	3.5	5	9	178	.05	.087	4	85	.01	984	.01	5	1.12	.01	.04	2	91967
RH2 R-007	7	76	11	101	1.7	49	6	26	2.41	13	5	ND	1	26	.2	2	2	26	.02	.033	5	40	.02	104	.01	5	1.03	.01	.09	1	36308
RE RH2 R-003	4	19	6	22	.1	14	4	83	1.07	7	5	ND	1	26	.2	2	3	5	.03	.012	2	124	.01	553	.01	2	.15	.01	.07	1	3365
RH2 R-008	11	120	7	151	1.9	54	6	37	2.91	22	5	ND	3	29	.2	2	2	21	.02	.038	11	50	.02	296	.01	8	1.17	.01	.09	1	39158
STANDARD C/CB-1200	18	56	38	123	7.6	71	31	1031	3.89	41	21	7	36	53	17.6	18	19	57	.47	.088	36	58	.86	167	.09	34	1.82	.06	.14	11	2252

K26

Sample type: PULP. Samples beginning 'RE' are duplicate samples.