REPORT OF ACTIVITIES ON THE RUGGED MOUNTAIN PROPERTY (Canyon 25)

LIARD MINING DIVISION
NTS: 104 G 13

OWNERS: Homestake Mineral Development Company
1000 - 700 West Pender Street
Vancouver, B.C.

and

Equity Silver Mines Ltd.
Suite 13 - 1155 Melville Street
Vancouver, B.C.

OPERATOR: Homestake Mineral Development Company

Darcy Marud
May, 1990

Distribution
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7.0 SUMMARY AND RECOMMENDATIONS

The Rugged Mountain property is located in the Stikine River region of British Columbia. The property consists of one claim, Canyon 25, totalling twenty units and is jointly owned by Homestake Mineral Development Company and Equity Silver Mines Ltd.

Exploration work was carried out on the property from August 14 to 30, 1989 and included geological mapping, prospecting and lithogeochemical and soil sampling.

Exploration on the Rugged Mountain property delineated several areas of significant mineralization associated with magnetite - biotite alteration located peripheral to porphyritic syenite intruding mafic volcanic rocks. Sample results from these zones returned values as high as .046 oz/ton gold and 2.32% copper. Unfortunately, the majority of the alteration lies west of the property boundary as the LCP for the Canyon 25 claim actually lies approximately 1200 meters east of where it had been plotted on the claim map. Much of the southern and eastern part of the Canyon 25 claim remains unexplored and may host additional zones of biotite - magnetite alteration.

Additional prospecting and sampling is required on the south and east parts of the property where sampling of talus fines is recommended because of limited outcrop and thick forest.

1.0 INTRODUCTION

1.1 LOCATION

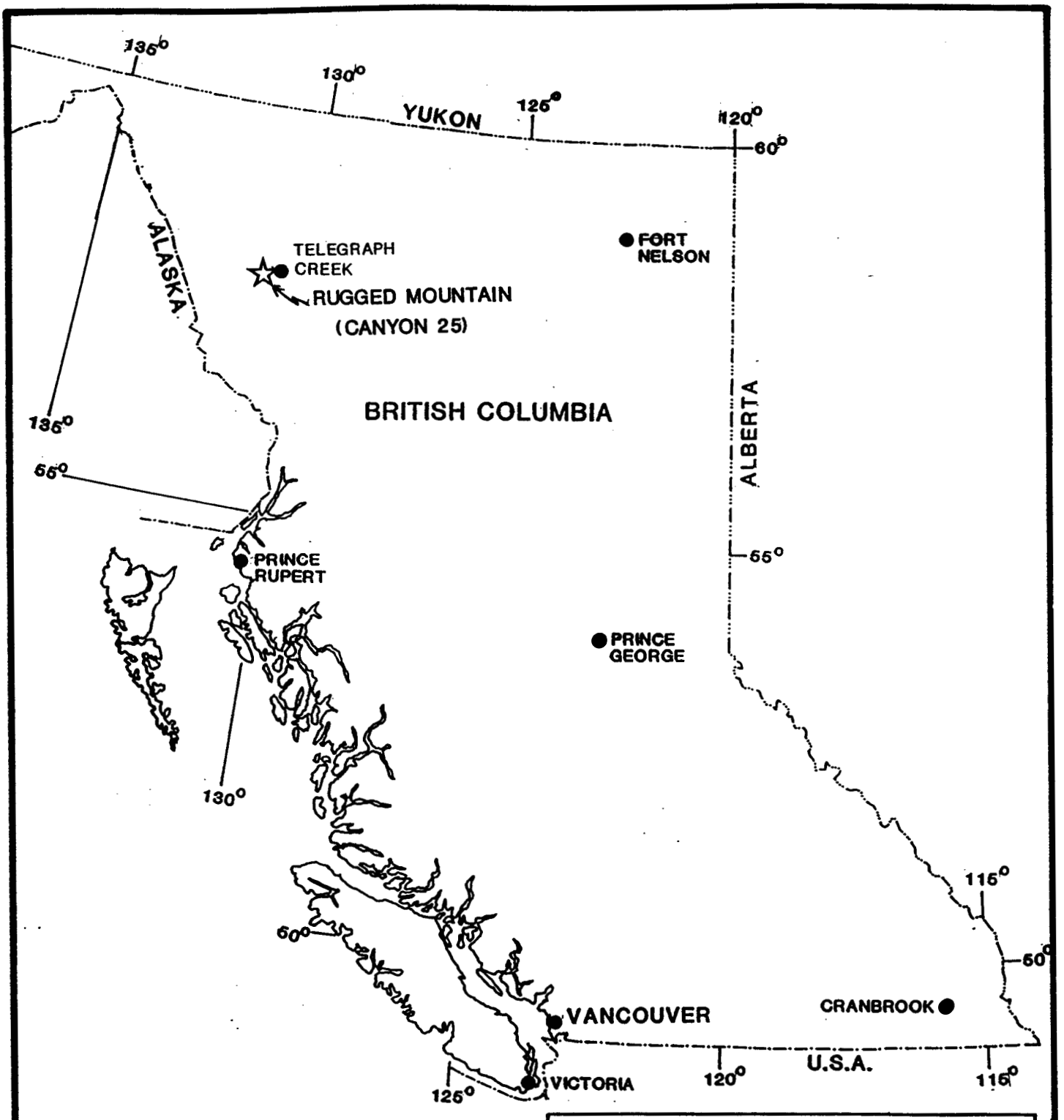
The property is located approximately 25 kilometres southwest of Telegraph Creek (Figure 2.1 and 2.2). The claim is centered at 57° 49' N latitude and 131° 36' W longitude on NTS map sheet 104 G 13.

1.2 PHYSIOGRAPHY

The property covers the southeast spur of Rugged Mountain and is characterized by very precipitous topography to the west and more moderate slopes to the east. Elevations range from 1060m to 1725m and vegetation is primarily alpine tundra.

1.3 ACCESS

Access to the property is via helicopter from Telegraph Creek, which is connected to Dease Lake by an all-weather road and serviced by fixed wing flights from Smithers, B.C. The Stikine River provides navigable water access from Wrangell, Alaska north to Telegraph Creek. A gravel airstrip capable of handling aircraft as large as DC-3's is located at the Galore Creek camp just south of the Scud River.



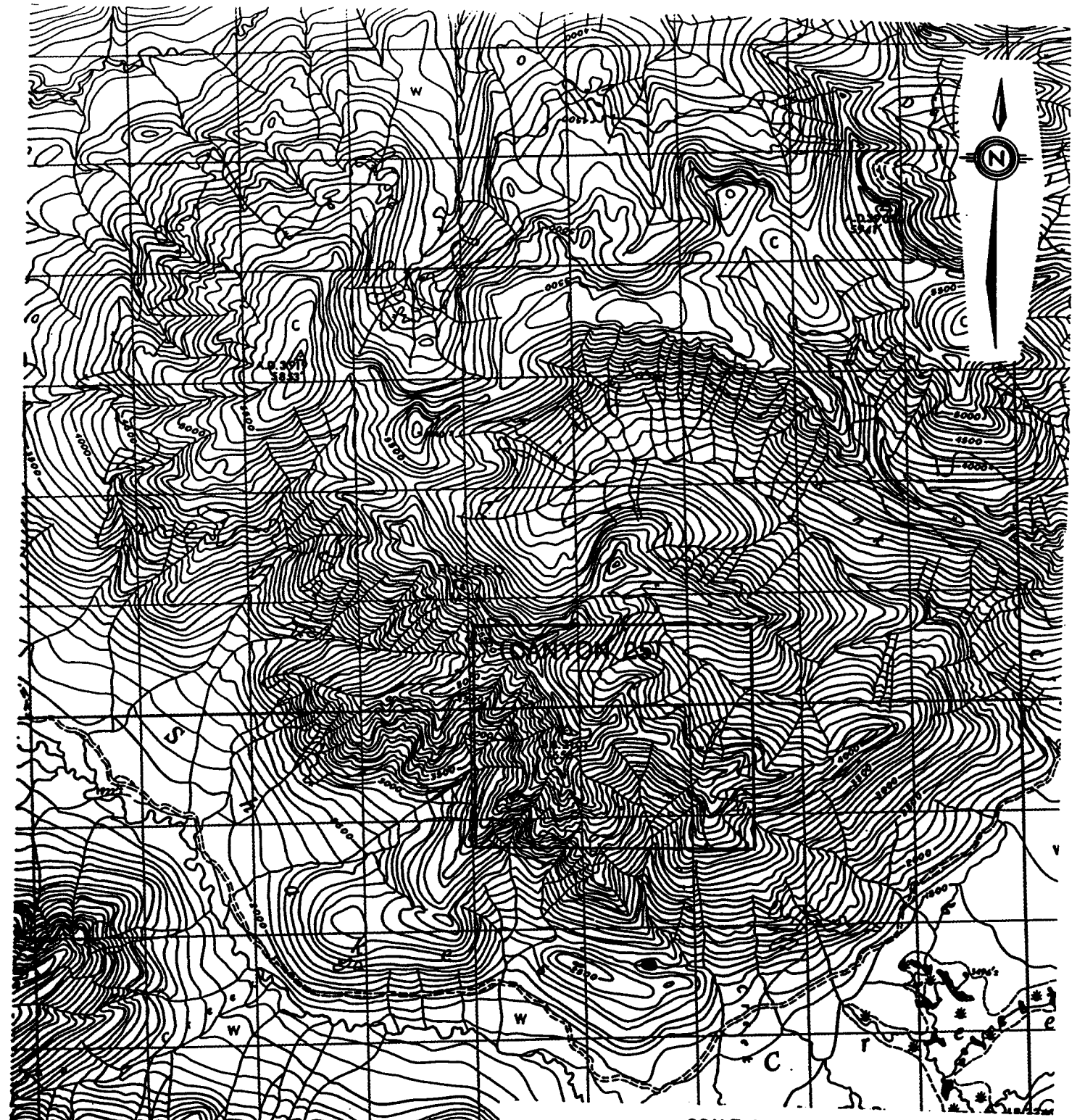
HOMESTAKE MINERAL DEVELOPMENT COMPANY

GRAND CANYON PROJECT, B.C.

RUGGED MOUNTAIN
(CANYON 25)

LOCATION MAP

DRAWN	DATE	FILE CODE	
KMc	11/87	104G	FIGURE 1.1
Revised			



SCALE 1: 50,000

HOMESTAKE MINERAL DEVELOPMENT COMPANY			
RUGGED MOUNTAIN (CANYON 25)			
DETAILED CLAIM LOCATION			
DRAWN P.H.	DATE Aug. 10, 89	FILE CODE 104G/13	Figure 2.2
Revised			

2.0 CLAIM STATUS

The Rugged Mountain property consists of one mineral claim totalling 20 units. The claim was recorded on June 28, 1988 and is owned by Homestake Mineral Development Company and Equity Silver Mines Ltd. Current claim status is as follows:

CLAIM	UNITS	RECORD#	RECORD	EXPIRY
Canyon 25	20	4729	06/28/88	06/28/90

3.0 EXPLORATION HISTORY

No previous work is reported on the property.

4.0 REGIONAL GEOLOGY

The property lies on the boundary between the Coast Plutonic Complex and Intermontane Belts and is underlain by rocks of the Stikine terrane. The terrane in this area can be divided into four tectonostratigraphic packages: a Late Palaeozoic to Middle Jurassic island arc suite represented by the Stikine assemblage of Monger (1977) and the Stuhini Group (Kerr, 1948); Middle Jurassic to early Late Cretaceous successor-basin sediments of the Bowser Lake Group (Tipper and Richards, 1976); Late Cretaceous to Tertiary volcanic arc assemblages of the Sloko Group (Aiken, 1959); and Late Tertiary to Recent post - orogenic plateau basalts of the Edziza and Spectrum Ranges.

Three stages of plutonism are recognized in the area. The Hickman batholith is composed of Early to Middle Triassic quartz monzonite to quartz diorite. The Yehiniko and Galore Creek Intrusions are composed of quartz diorite to syenite of Early to Middle Jurassic age. Numerous dykes and sills of monzonite to diorite of Tertiary age occur throughout the project area.

These rocks have undergone multiple stages of deformation, forming a complex structural pattern which is complicated by large differences in the competence of the different units. North and northwest trending normal faults are dominant and are cut by narrow west - trending extensional faults (Souther, 1972).

5.0 PROPERTY GEOLOGY

On the property, Upper Triassic sediments are intruded by a large syenite intrusive of Triassic/Jurassic age. Adjacent the sediment/intrusive contact, wide zones of magnetite-biotite alteration are common.

132° 00'
58°00'
45'
30'
15'
131°00'

RUGGED MOUNTAIN
(CANYON 25)

1:250,000
0 6 12 18 Kilometres

MAP MODIFIED FROM SOUTHER, 1971

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MINERAL DEVELOPMENT COMPANY

GRAND CANYON PROJECT
TELEGRAPH CREEK B.C.
RUGGED MOUNTAIN
(CANYON 25)
REGIONAL GEOLOGY

DRAWN	DATE	FILE CODE	FIGURE 3.1
MJD	08/89		

6.0 EXPLORATION PROGRAM AND RESULTS

6.1 LITHOGEOCHEMICAL SAMPLING

Lithogeochemical sampling on the property consisted of traversing the ridge tops running through the centre of the claim and along creek beds draining the west, south and northwest portions of the property where outcrop was exposed. All lithologies and structures and sample locations were plotted on 1:5,000 scale base maps (Figures 4a and 4a.1).

During the course of sampling, a total of twenty - seven rock samples were collected. Appendix III contains all geochemical data and assays.

The exploration program was conducted from August 14 to August 30, 1989 as a follow up to work completed on the property during June, 1990 (B.C. Assessment Report 19072).

6.1.1 Results and Interpretations

The property is underlain by sedimentary rocks, predominantly siltstone, which have been hornfelsed by a large syenite intrusive occupying the centre part of the claim. The hornfels carry 10 to 40 % disseminated pyrite and is the cause of a large gossanous area near the peak of Rugged Mountain. Locally, the contact between the sediments and the intrusive is characterized a black, medium-grained rock containing 40 to 50% magnetite and similar amounts of biotite. The unit is best exposed in the steep, westerly facing cliffs located just west of the western property boundary. A similar but smaller showing was also noted in the north-central part of the claim. The magnetite - biotite alteration is often cut by numerous pink, porphyritic syenite dykes ranging from 1 centimetre to 2 meters wide and contains widespread malachite staining which is spatially related to calcite stringers. In places, the syenite is pegmatitic and contains orthoclase phenocrysts up to 5 cm long.

Several altered and mineralized zones of potential economic interest occur on the property. The most economically interesting of these zones are associated with the magnetite-biotite alteration at the margins of the syenite intrusive. This assemblage is most common immediately west of the western claim boundary where it is up to 200 meters wide. These zones typically contain between 1 and 5% fine grained disseminated chalcopyrite and rare pyrite.

Another zone of biotite-magnetite alteration was noted in the northeast corner of the Canyon 25 claim. This zone is approximately 50 meters wide but could not be traced along strike as it occurs on top of a ridge which is talus covered on both flanks. One sample taken from the zone
(32037) contained traces of chalcopyrite and thin rusty quartz stringers. The

sample returned 113 ppb gold, 2.9 ppm silver and 3941 ppm copper. The possibility of finding similar alteration zones on the property is considered very good.

Most samples of the biotite-magnetite alteration also returned high values in vanadium. This element is probably tied up in the magnetite structure and might be a good indicator of magnetite-biotite alteration zones.

Adjacent the syenite intrusive, sedimentary rocks are locally hornfelsed to a fine - grained, siliceous rock containing 10 to 40% pyrite. Analytical results for this alteration are generally below 40 ppb gold and 2.0 ppm silver. Copper values are anomalous but rarely exceed 1000 ppm.

The syenite intrusive is generally unaltered and devoid of any mineralization except trace pyrite.

6.2 SOIL GEOCHEMICAL PROGRAM

Two contour soil lines were established along the northwest - trending ridge passing through the northwest corner of the property at elevations of 5000 and 4500 feet A.S.L. One hundred and eleven samples were collected at a sample spacing of 50 meters. The sample medium was generally talus fines taken approximately 25 centimetres below ground surface. No residual soil was noted anywhere on the property.

All results are plotted on Figure 4a.1 at a scale of 1:5,000. Geochemical data appears as Appendix III.

6.2.1 Results and Interpretations

Analytical results range from <5 to 1824 ppb for gold, <0.2 to 1.0 ppm for silver and 33 to 2931 ppm for copper. Most sample results returned less than 25 ppb for gold, 0.3 ppm for silver and 250 ppm for copper.

The survey area was predominantly underlain by syenite in the extreme northwest corner of the property and hornfelsed sediments to the southeast. Most anomalous gold and copper values are from areas underlain by hornfelsed sediments. Silver values are generally too low to be considered significant. The western ends of soil lines LB - 1 and LP - 1 are directly down slope of a large area of magnetite - biotite alteration; gold and copper values in this area are generally only weakly anomalous.

The soil sample results indicate that there is erratic gold and copper in the area but they do not define any one area of significantly anomalous results including the area immediately down slope of a major zone of magnetite-biotite alteration.

8.0 REFERENCES

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APPENDIX I

(Sample Descriptions)

RUGGED MOUNTAIN (Canyon 25)

SAMPLE	NO	TYPE	DESCRIPTION	MINERALIZATION
RM-25	31119	grab	megacrystic syenite	minor malachite
	31120	grab	magnetite-biotite alt,n	4% cpy
	31121	grab	silicified felsic dyke	2% py
	31631	grab	magnetite-biotite alt,n	trace malachite and py
	31632	grab	shear in syenite	trace cpy, 5 to 10% py
	31633	grab	magnetite-biotite alt'n	trace py
	31634	grab	silicified hornfels	2 to 3% py
	31635	grab	greywacke	1% po
	31636	grab	syenite	5 to 10% diss py
	31637	grab	magnetite-biotite alt'n	trace malachite
	31638	soil		
	31639	soil		
	31640	grab	syenite dyke	3 to 4% diss cpy
	31641	grab	megacrystic syenite	trace to 1% py
	31642	silt		
	31643	grab	syenite porphyry	5% blebs py
	31696	grab	mafic volcanic	5 to 10% py
	31697	silt		

APPENDIX II

(Sample Results)

[redacted]

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
S1 RM-25-1	31642	11	<0.2	61	85	<0.5	7	<1	57	25	21	171
S1 RM-25-2	31638	669	4.9	128	185	<0.5	12	<1	47	80	20	441
S1 RM-25-2	31639	190	3.0	118	339	<0.5	10	<1	50	46	32	197
R2 RM-25-1	31119	1064	5.4	52	66	<0.5	<2	<1	52	26	32	8669
R2 RM-25-1	31120	183	11.4	60	178	<0.5	<2	<1	42	36	42	15446
R2 RM-25-1	31121	11	<0.2	30	46	<0.5	8	<1	16	7	23	142
R2 RM-25-1	31631	21	1.5	55	963	<0.5	3	<1	11	27	118	1946
R2 RM-25-1	31632	52	13.3	175	105	<0.5	<2	7	34	95	10	12376
R2 RM-25-1	31633	149	0.8	70	45	<0.5	6	<1	10	20	81	968
R2 RM-25-1	31634	<5	0.3	52	20	<0.5	4	<1	11	14	12	163
R2 RM-25-1	31635	<5	<0.2	79	17	<0.5	8	<1	8	15	32	185
R2 RM-25-1	31636	162	0.6	136	19	<0.5	5	<1	10	4	34	338
R2 RM-25-1	31637	72	1.9	53	153	<0.5	<2	<1	54	33	37	3043
R2 RM-25-1	31640	1148	15.4	51	127	<0.5	<2	<1	86	25	39	>20000
R2 RM-25-1	31641	13	0.3	44	45	0.6	7	<1	26	11	14	271
R2 RM-25-1	32020	20	2.0	57	31	<0.5	4	<1	9	35	28	1364
R2 RM-25-1	32037	113	2.9	44	575	<0.5	<2	<1	26	28	74	3942
R2 RM-25-1	32038	19	<0.2	47	25	<0.5	6	<1	9	14	32	46
R2 RM-25-1	32039	16	<0.2	50	27	<0.5	5	<1	9	15	33	46
R2 RM-25-1	32040	9	0.6	59	30	<0.5	6	<1	16	16	85	365
R2 RM-25-1	32041	15	0.4	50	43	<0.5	8	<1	12	6	18	218
R2 RM-25-1	32042	20	0.4	80	3	<0.5	6	<1	<5	27	58	204
R2 RM-25-1	32043	76	0.3	72	4	<0.5	6	<1	11	12	38	299
R2 RM-25-1	32044	106	2.4	39	5	<0.5	<2	<1	17	17	77	5602
R2 RM-25-1	32045	68	1.0	72	27	<0.5	6	<1	57	26	42	311
R2 RM-25-1	32046	19	0.8	99	2	<0.5	3	<1	6	44	35	566
R2 RM-25-1	32047	12	7.6	63	34	<0.5	3	<1	<5	22	13	1057
R2 RM-25-1	32048	19	0.4	54	30	<0.5						867

Missing Samples
Rugged Mtn.
31020 - 31023
31330 - 31331
31966 - 31971
31696 - 31700
31703 - 31705
31251 - 31252
31324

[redacted]pany Ltd.
[redacted]e.
[redacted]ver, B.C.
[redacted]5-0681 Telex 04-352667

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
S1 RM-25-1 31642		33	27	12	1	14	11	12	<20	21	13	<20
S1 RM-25-2 31638		45	18	163	31	11	25	119	62	33	53	<20
S1 RM-25-2 31639		44	21	130	14	11	20	137	64	32	47	<20
R2 RM-25-1 31119		30	23	6	2	12	12	20	<20	21	10	<20
R2 RM-25-1 31120		31	16	5	4	12	19	17	<20	22	9	<20
R2 RM-25-1 31121		28	6	7	2	16	4	16	<20	18	6	<20
R2 RM-25-1 31631		30	3	9	1	10	26	11	<20	21	10	<20
R2 RM-25-1 31632		30	19	13	4	20	17	15	<20	20	28	<20
R2 RM-25-1 31633		31	4	12	6	9	32	13	<20	22	23	<20
R2 RM-25-1 31634		32	4	31	3	13	6	19	<20	19	6	<20
R2 RM-25-1 31635		33	3	16	4	10	13	9	<20	19	7	<20
R2 RM-25-1 31636		24	<1	9	34	20	3	19	<20	26	36	<20
R2 RM-25-1 31637		29	23	4	2	12	17	12	<20	21	8	<20
R2 RM-25-1 31640		31	40	6	2	15	16	17	<20	35	7	<20
R2 RM-25-1 31641		33	12	12	21	15	2	23	<20	20	4	<20
R2 RM-25-1 32020		27	2	11	33	7	4	54	<20	20	8	<20
R2 RM-25-1 32037		29	10	5	2	11	29	16	<20	19	7	<20
R2 RM-25-1 32038		33	4	30	2	11	28	9	<20	18	4	<20
R2 RM-25-1 32039		33	4	31	2	11	29	9	<20	15	4	<20
R2 RM-25-1 32040		35	10	31	10	11	58	14	<20	18	9	<20
R2 RM-25-1 32041		26	4	30	367	8	4	20	<20	20	3	<20
R2 RM-25-1 32042		32	<1	29	18	12	29	12	<20	19	10	<20
R2 RM-25-1 32043		28	7	10	49	8	13	9	<20	22	7	<20
R2 RM-25-1 32044		29	6	7	1	12	38	24	<20	18	12	<20
R2 RM-25-1 32045		39	26	17	38	11	10	16	<20	22	25	<20
R2 RM-25-1 32046		40	2	15	20	13	24	14	<20	23	7	<20
R2 RM-25-1 32047		44	<1	14	17	8	2	355	<20	21	4	<20
R2 RM-25-1 32048		34	8	16	6	10	6	16	<20	18	14	<20

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	U PPM	W PPM	Y PPM	Zn PPM	Zr PPM
S1 RM-25-1 31642		671	<10	22	347	<10	18	93	1
S1 RM-25-2 31638		383	<10	34	335	<10	16	162	1
S1 RM-25-2 31639		342	<10	33	352	<10	12	223	<1
R2 RM-25-1 31119		336	<10	36	282	<10	12	56	<1
R2 RM-25-1 31120		291	10	43	371	<10	12	66	<1
R2 RM-25-1 31121		104	<10	18	182	<10	19	49	35
R2 RM-25-1 31631		130	<10	24	359	<10	7	52	3
R2 RM-25-1 31632		300	<10	41	276	<10	11	194	9
R2 RM-25-1 31633		86	<10	24	222	<10	9	53	10
R2 RM-25-1 31634		36	<10	22	106	<10	9	71	13
R2 RM-25-1 31635		33	<10	20	104	<10	7	27	10
R2 RM-25-1 31636		233	<10	17	426	<10	17	29	73
R2 RM-25-1 31637		374	<10	25	354	<10	13	47	<1
R2 RM-25-1 31640		434	<10	54	286	<10	28	62	2
R2 RM-25-1 31641		201	<10	19	141	<10	8	76	20
R2 RM-25-1 32020		39	<10	18	195	<10	6	64	12
R2 RM-25-1 32037		275	<10	27	288	<10	8	58	<1
R2 RM-25-1 32038		69	<10	21	104	<10	10	50	18
R2 RM-25-1 32039		73	<10	21	110	<10	11	53	18
R2 RM-25-1 32040		92	<10	23	163	<10	11	68	34
R2 RM-25-1 32041		137	<10	17	63	<10	5	34	15
R2 RM-25-1 32042		75	<10	20	108	<10	6	61	11
R2 RM-25-1 32043		101	<10	13	142	<10	8	20	15
R2 RM-25-1 32044		124	<10	30	228	<10	12	42	6
R2 RM-25-1 32045		534	<10	22	352	<10	12	59	<1
R2 RM-25-1 32046		27	<10	19	110	<10	10	34	30
R2 RM-25-1 32047		64	<10	11	627	<10	7	140	16
R2 RM-25-1 32048		121	<10	19	179	<10	14	63	25

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

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Certificate of Analysis

REPORT: V89-06121.5

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PROJECT: 5711RM

SAMPLE NUMBER	ELEMENT UNITS	WT G	WT-100 G	WT+100 G	Au DUP OPT	Au DUP OPT	Au AVG OPT	Au+100 OPT	Au+100 MG	Au TOT OPT
R6 RM-25-1 31119		29.17	910	17.81	0.027	0.022	0.025	0.11	0.070	0.027
R6 RM-25-1 31640		29.17	976	18.80	0.047	0.036	0.042	0.20	0.130	0.045

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

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Certificate of Analysis

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SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 RM-25-1 31640		2.32

[redacted] Company Ltd.
[redacted] Ave.
[redacted]couver, B.C.
[redacted]685-0681 Telex 04-352667

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
T1 31697		11	<0.2	51	57	<0.5	<2	<1	36	28	26	251
T1 31698		683	<0.2	48	26	<0.5	4	<1	44	26	28	282
T1 31699		12	<0.2	46	46	<0.5	3	<1	32	26	29	254
T1 31700		11	<0.2	53	35	<0.5	<2	<1	32	26	32	186
T1 31703		18	<0.2	46	40	<0.5	3	<1	32	24	26	239
T1 31704		13	<0.2	45	47	<0.5	<2	<1	30	24	31	223
T1 31705		6	<0.2	48	10	<0.5	<2	<1	5	19	16	172
T1 31969		22	<0.2	56	121	<0.5	<2	<1	39	37	25	453
T1 31970		22	<0.2	44	118	<0.5	3	<1	76	27	29	91
R2 31662		9	<0.2	24	10	<0.5	<2	<1	17	8	22	193
R2 31696		19	0.4	56	23	<0.5	<2	<1	11	16	22	510
R2 31966		14	17.8	28	9	<0.5	106	2	22	7	7	183
R2 31967		17	1.1	33	53	<0.5	<2	<1	11	51	48	2079
R2 31968		57	26.0	103	5	<0.5	97	<1	6	29	8	151
R2 31971		29	0.7	71	10	<0.5	<2	<1	6	18	60	893

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
T1 31697		24	19	19	4	12	21	6	<20	10	16	<20
T1 31698		23	22	16	6	12	20	15	<20	9	14	<20
T1 31699		25	17	20	4	12	21	3	<20	9	15	<20
T1 31700		22	16	15	4	11	21	<2	<20	12	13	<20
T1 31703		21	16	17	5	11	20	12	<20	8	10	<20
T1 31704		22	16	17	4	11	22	5	<20	9	12	<20
T1 31705		14	13	4	5	7	10	9	<20	8	1	<20
T1 31969		28	21	22	6	12	23	8	<20	8	17	<20
T1 31970		23	39	9	2	14	14	<2	<20	7	9	<20
R2 31662		19	9	16	3	9	7	<2	<20	6	11	<20
R2 31696		13	3	39	33	5	5	<2	24	7	9	<20
R2 31966		<2	29	13	775	37	3	>10000	<20	14	3	<20
R2 31967		12	5	4	5	7	17	21	<20	8	3	<20
R2 31968		14	5	7	753	25	2	8572	<20	15	<1	<20
R2 31971		25	6	9	29	9	9	99	<20	10	9	<20

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	U PPM	W PPM	Y PPM	Zn PPM	Zr PPM
T1 31697		279	<10	<10	307	<10	12	102	11
T1 31698		258	<10	<10	322	<10	14	85	5
T1 31699		262	<10	<10	283	<10	12	98	13
T1 31700		243	<10	<10	384	<10	11	83	11
T1 31703		177	<10	<10	227	<10	11	81	6
T1 31704		220	<10	<10	255	<10	12	94	7
T1 31705		48	<10	<10	30	<10	10	107	1
T1 31969		286	<10	<10	253	<10	13	117	6
T1 31970		541	<10	<10	265	<10	18	79	3
R2 31662		118	<10	<10	119	<10	13	24	17
R2 31696		32	<10	<10	81	<10	5	47	13
R2 31966		2118	<10	11	29	<10	8	39	4
R2 31967		54	<10	<10	44	<10	3	91	15
R2 31968		307	<10	<10	47	<10	2	50	6
R2 31971		25	<10	<10	177	<10	3	36	14

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
S1 RM-25-2-AL1 1		27	<0.2	69	22	<0.5	4	<1	12	33	24	108
S1 RM-25-2-AL1 2		34	<0.2	67	20	<0.5	5	<1	36	32	45	109
S1 RM-25-2-AL1 3		45	<0.2	92	24	<0.5	4	<1	12	48	100	234
S1 RM-25-2-AL1 4		19	<0.2	168	50	<0.5	3	<1	28	21	35	139
S1 RM-25-2-AL1 5		30	<0.2	83	76	<0.5	2	<1	23	21	28	138
S1 RM-25-2-AL1 8		22	<0.2	53	39	<0.5	3	<1	16	30	27	256
S1 RM-25-2-AL1 9		12	<0.2	48	41	<0.5	3	<1	23	19	44	103
S1 RM-25-2-AL1 10		14	<0.2	54	54	<0.5	<2	<1	14	14	31	112
S1 RM-25-2-AL1 11		12	<0.2	60	54	<0.5	3	<1	35	20	40	118
S1 RM-25-2-AL1 12		15	<0.2	49	52	<0.5	3	<1	16	21	23	185
S1 RM-25-2-DL1 1		44	<0.2	56	20	<0.5	4	<1	7	37	104	217
S1 RM-25-2-DL1 2		26	<0.2	54	13	<0.5	3	<1	36	52	74	176
S1 RM-25-2-DL1 3		61	<0.2	61	23	<0.5	2	<1	19	58	58	220
S1 RM-25-2-DL1 4		65	0.3	585	11	<0.5	<2	<1	28	114	84	539
S1 RM-25-2-DL1 5		87	0.2	84	7	<0.5	<2	<1	7	50	124	324
S1 RM-25-2-DL1 6		43	0.4	187	45	<0.5	34	<1	27	73	143	704
S1 RM-25-2-DL1 7		54	0.4	64	36	<0.5	<2	<1	27	41	27	671
S1 RM-25-2-DL1 8		50	0.3	71	30	<0.5	6	<1	24	38	10	438
S1 RM-25-2-DL1 9		15	<0.2	61	42	<0.5	2	<1	18	27	9	217
S1 RM-25-2-DL1 10		97	1.3	107	15	<0.5	<2	<1	48	49	3	1233
S1 RM-25-2-DL1 11		34	0.2	60	38	<0.5	2	<1	23	42	40	697
S1 RM-25-2-DL1 12		208	3.7	73	10	<0.5	<2	<1	87	197	<1	2931
S1 RM-25-2-DL1 13		142	0.6	576	32	<0.5	2	<1	14	32	16	455
S1 RM-25-2-DL1 14		<5	0.3	57	39	<0.5	4	<1	13	28	46	366
S1 RM-25-2-DL1 15		41	<0.2	212	36	<0.5	45	<1	42	28	10	478
S1 RM-25-2-DL1 16		36	<0.2	62	45	<0.5	3	<1	16	23	15	169
S1 RM-25-2-DL1 17		65	<0.2	159	35	<0.5	44	<1	12	49	16	332
S1 RM-25-2-DL1 18		30	<0.2	160	34	<0.5	48	<1	18	17	29	179
S1 RM-25-2-DL1 19		21	<0.2	160	69	<0.5	36	<1	23	36	29	372
S1 RM-25-2-DL1 20		15	<0.2	167	59	<0.5	40	<1	27	34	35	383
S1 RM-25-2-DL1 21		5	<0.2	58	29	<0.5	<2	<1	10	20	19	228
S1 RM-25-2-DL1 22		8	0.3	74	35	<0.5	3	<1	16	21	32	320
S1 RM-25-2-DL1 23		28	<0.2	57	29	<0.5	5	<1	18	12	30	286
S1 RM-25-2-DL1 24		<5	<0.2	47	62	<0.5	3	<1	11	10	19	64
S1 RM-25-2-DL1 25		7	<0.2	50	64	<0.5	3	<1	18	17	24	90
S1 RM-25-2-DL1 26		<5	<0.2	55	35	<0.5	4	<1	39	23	21	1001
S1 RM-25-2-DL1 27		<5	<0.2	47	103	<0.5	5	<1	15	32	25	84
S1 RM-25-2-DL1 28		<5	<0.2	53	41	<0.5	3	<1	26	16	21	414
S1 RM-25-2-DL1 29		8	<0.2	49	61	<0.5	3	<1	25	22	25	139
S1 RM-25-2-DL1 30		15	<0.2	53	84	<0.5	3	<1	16	22	39	243

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
S1 RH-25-2-AL1	1	21	5	7	5	13	40	13	<20	13	5	<20
S1 RH-25-2-AL1	2	23	19	22	14	11	37	27	<20	10	5	<20
S1 RH-25-2-AL1	3	25	8	29	24	11	75	51	<20	11	8	<20
S1 RH-25-2-AL1	4	25	15	24	17	16	20	16	<20	10	4	<20
S1 RH-25-2-AL1	5	23	10	13	7	12	22	12	<20	7	4	<20
S1 RH-25-2-AL1	8	24	7	32	37	10	20	4	<20	11	8	<20
S1 RH-25-2-AL1	9	18	10	21	12	13	25	5	39	7	3	<20
S1 RH-25-2-AL1	10	18	8	12	5	11	19	6	<20	7	4	<20
S1 RH-25-2-AL1	11	21	13	24	13	12	25	21	<20	6	6	<20
S1 RH-25-2-AL1	12	25	8	15	5	12	16	10	<20	9	5	<20
S1 RH-25-2-DL1	1	21	4	30	13	8	72	6	65	8	8	<20
S1 RH-25-2-DL1	2	27	14	28	12	10	141	16	<20	11	10	<20
S1 RH-25-2-DL1	3	27	10	26	30	10	81	19	<20	10	12	<20
S1 RH-25-2-DL1	4	32	15	47	29	10	164	93	<20	12	19	<20
S1 RH-25-2-DL1	5	29	6	36	84	10	77	16	<20	11	18	<20
S1 RH-25-2-DL1	6	111	7	54	36	61	150	143	<20	89	12	<20
S1 RH-25-2-DL1	7	27	13	25	15	10	20	40	<20	12	12	<20
S1 RH-25-2-DL1	8	28	12	25	17	9	12	75	<20	10	5	<20
S1 RH-25-2-DL1	9	23	9	20	13	9	9	17	<20	11	2	<20
S1 RH-25-2-DL1	10	27	27	19	24	10	8	13	<20	10	13	<20
S1 RH-25-2-DL1	11	26	13	17	9	10	35	15	<20	10	14	<20
S1 RH-25-2-DL1	12	22	37	8	25	6	9	86	<20	12	29	<20
S1 RH-25-2-DL1	13	24	6	28	21	10	15	8	<20	11	8	<20
S1 RH-25-2-DL1	14	27	7	26	10	10	27	35	<20	9	8	<20
S1 RH-25-2-DL1	15	111	8	31	12	55	29	211	<20	89	4	<20
S1 RH-25-2-DL1	16	21	7	12	13	11	17	14	<20	11	3	<20
S1 RH-25-2-DL1	17	111	6	19	13	57	38	130	<20	81	8	<20
S1 RH-25-2-DL1	18	105	5	23	6	55	25	124	<20	70	5	<20
S1 RH-25-2-DL1	19	116	5	23	9	56	30	147	<20	82	8	<20
S1 RH-25-2-DL1	20	114	9	25	10	61	44	132	<20	72	9	<20
S1 RH-25-2-DL1	21	20	5	14	11	10	14	13	<20	10	4	<20
S1 RH-25-2-DL1	22	20	11	11	5	11	19	29	<20	11	4	<20
S1 RH-25-2-DL1	23	21	10	14	9	13	19	30	<20	8	4	<20
S1 RH-25-2-DL1	24	23	5	5	5	10	8	20	<20	8	<1	<20
S1 RH-25-2-DL1	25	26	8	10	5	11	12	22	<20	10	2	<20
S1 RH-25-2-DL1	26	26	26	19	7	16	19	20	<20	11	8	<20
S1 RH-25-2-DL1	27	30	5	7	13	12	11	21	<20	12	3	<20
S1 RH-25-2-DL1	28	25	23	19	6	16	12	18	<20	12	16	<20
S1 RH-25-2-DL1	29	26	12	12	6	11	12	24	<20	11	4	<20
S1 RH-25-2-DL1	30	20	6	14	4	9	22	12	22	9	2	<20

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
S1 RM-25-2-AL1	1	75	<10	<10	61	<10	8	79	4
S1 RM-25-2-AL1	2	72	<10	<10	116	<10	8	96	3
S1 RM-25-2-AL1	3	90	<10	10	138	<10	7	106	5
S1 RM-25-2-AL1	4	77	<10	<10	155	<10	17	137	4
S1 RM-25-2-AL1	5	69	<10	<10	138	<10	7	118	4
S1 RM-25-2-AL1	8	39	<10	<10	164	<10	7	115	4
S1 RM-25-2-AL1	9	68	<10	<10	129	<10	8	113	5
S1 RM-25-2-AL1	10	49	<10	<10	129	<10	6	82	7
S1 RM-25-2-AL1	11	57	<10	<10	154	<10	9	151	5
S1 RM-25-2-AL1	12	94	<10	<10	189	<10	6	82	3
S1 RM-25-2-DL1	1	42	<10	<10	128	<10	8	51	13
S1 RM-25-2-DL1	2	77	<10	10	130	<10	11	102	26
S1 RM-25-2-DL1	3	243	<10	<10	148	<10	10	82	8
S1 RM-25-2-DL1	4	47	<10	<10	200	<10	19	214	18
S1 RM-25-2-DL1	5	46	<10	<10	181	<10	8	66	17
S1 RM-25-2-DL1	6	124	49	95	200	24	9	159	12
S1 RM-25-2-DL1	7	122	<10	<10	217	<10	12	119	4
S1 RM-25-2-DL1	8	82	<10	<10	234	<10	11	92	2
S1 RM-25-2-DL1	9	84	<10	<10	157	<10	6	98	1
S1 RM-25-2-DL1	10	83	<10	<10	190	<10	19	104	5
S1 RM-25-2-DL1	11	87	<10	<10	172	<10	12	122	5
S1 RM-25-2-DL1	12	24	12	<10	145	<10	36	90	14
S1 RM-25-2-DL1	13	28	<10	<10	220	<10	6	152	5
S1 RM-25-2-DL1	14	35	<10	<10	199	<10	7	167	2
S1 RM-25-2-DL1	15	50	<10	74	103	<10	5	344	2
S1 RM-25-2-DL1	16	185	<10	<10	116	<10	5	80	3
S1 RM-25-2-DL1	17	143	18	92	129	18	7	63	5
S1 RM-25-2-DL1	18	29	<10	87	127	<10	5	49	10
S1 RM-25-2-DL1	19	89	33	83	165	<10	6	81	5
S1 RM-25-2-DL1	20	87	<10	93	168	17	7	67	8
S1 RM-25-2-DL1	21	36	<10	<10	132	<10	4	68	4
S1 RM-25-2-DL1	22	55	<10	<10	96	<10	5	77	3
S1 RM-25-2-DL1	23	42	<10	<10	121	<10	6	77	5
S1 RM-25-2-DL1	24	56	<10	<10	166	<10	4	55	<1
S1 RM-25-2-DL1	25	91	<10	<10	193	<10	6	72	<1
S1 RM-25-2-DL1	26	137	<10	10	176	<10	16	108	4
S1 RM-25-2-DL1	27	78	<10	<10	214	<10	5	97	1
S1 RM-25-2-DL1	28	179	<10	<10	208	<10	26	78	4
S1 RM-25-2-DL1	29	123	<10	<10	226	<10	7	92	2
S1 RM-25-2-DL1	30	118	<10	<10	164	<10	5	75	1

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
S1 RN-25-2-DL1 31		<5	<0.2	56	103	<0.5	3	<1	11	20	28	91
S1 RN-25-2-DL1 32		37	0.2	45	113	<0.5	6	<1	11	27	26	95
S1 RN-25-2-DL1 34		11	<0.2	57	66	<0.5	3	<1	12	13	29	126
S1 RN-25-2-DL1 35		<5	0.2	50	91	<0.5	<2	<1	6	19	25	153
S1 RN-25-2-DL1 36		20	0.3	50	179	<0.5	<2	<1	22	28	21	290
S1 RN-25-2-DL1 37		13	0.2	58	73	<0.5	4	<1	17	15	26	118
S1 RN-25-2-DL1 38		32	<0.2	60	87	<0.5	2	<1	27	29	19	420
S1 RN-25-2-DL1 39		30	0.2	72	154	<0.5	3	<1	56	46	10	596
S1 RN-25-2-DL1 40		59	0.5	67	265	<0.5	4	<1	52	48	12	771
S1 RN-25-2-LB1 1		1824	0.5	50	84	<0.5	4	<1	51	24	8	876
S1 RN-25-2-LB1 2		17	<0.2	56	47	<0.5	3	<1	20	40	20	285
S1 RN-25-2-LB1 3		7	<0.2	112	96	<0.5	51	<1	19	24	26	196
S1 RN-25-2-LB1 4		28	0.2	139	71	<0.5	47	<1	20	65	38	410
S1 RN-25-2-LB1 5		13	<0.2	146	38	<0.5	54	<1	27	47	31	253
S1 RN-25-2-LB1 6		<5	<0.2	146	47	<0.5	47	<1	17	29	35	220
S1 RN-25-2-LB1 7		8	<0.2	59	93	<0.5	2	<1	14	33	33	312
S1 RN-25-2-LB1 8		<5	<0.2	143	48	<0.5	39	<1	10	27	39	309
S1 RN-25-2-LB1 9		10	<0.2	55	64	<0.5	3	<1	14	34	31	317
S1 RN-25-2-LB1 10		7	<0.2	54	58	<0.5	6	<1	22	28	31	323
S1 RN-25-2-LB1 11		10	<0.2	53	48	<0.5	3	<1	13	23	37	276
S1 RN-25-2-LB1 12		66	<0.2	64	56	<0.5	<2	<1	20	28	38	558
S1 RN-25-2-LB1 13		13	<0.2	67	45	<0.5	2	<1	19	29	39	370
S1 RN-25-2-LB1 14		14	<0.2	53	44	<0.5	2	<1	27	24	29	1195
S1 RN-25-2-LB1 15		31	0.2	90	43	<0.5	<2	<1	9	52	65	1354
S1 RN-25-2-LB1 16		12	<0.2	56	53	<0.5	<2	<1	24	31	29	644
S1 RN-25-2-LB1 17		31	<0.2	53	191	<0.5	<2	<1	31	31	33	244
S1 RN-25-2-LB1 18		18	<0.2	57	182	<0.5	5	<1	38	34	33	193
S1 RN-25-2-LB1 19		21	<0.2	54	164	<0.5	4	<1	62	30	28	252
S1 RN-25-2-LB1 20		11	<0.2	51	150	<0.5	2	<1	52	29	22	222
S1 RN-25-2-LB1 21		18	<0.2	55	99	<0.5	2	<1	28	25	24	176
S1 RN-25-2-LB1 22		8	<0.2	52	59	<0.5	<2	<1	30	25	18	219
S1 RN-25-2-LB1 23		12	<0.2	54	82	<0.5	5	<1	65	31	11	321
S1 RN-25-2-LB1 24		30	<0.2	51	82	<0.5	2	<1	48	26	12	378
S1 RN-25-2-LB1 25		9	<0.2	44	46	<0.5	3	<1	40	18	7	312
S1 RN-25-2-LB1 26		30	<0.2	37	22	<0.5	2	<1	53	12	<1	197
S1 RN-25-2-LB1 27		120	<0.2	50	88	<0.5	5	<1	48	20	11	234
S1 RN-25-2-LB1 28		32	<0.2	48	88	<0.5	3	<1	39	21	11	208
S1 RN-25-2-LB1 29		72	<0.2	50	73	<0.5	5	<1	38	22	22	226
S1 RN-25-2-LB1 30		26	<0.2	53	116	<0.5	4	<1	39	19	12	201
S1 RN-25-2-LP1 0+00N		128	<0.2	56	11	<0.5	3	<1	17	39	5	198

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Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
S1 RM-25-2-DL1	31	22	5	10	5	11	13	19	<20	9	1	<20
S1 RM-25-2-DL1	32	26	4	5	13	10	13	110	<20	10	<1	<20
S1 RM-25-2-DL1	34	21	6	12	7	13	17	22	<20	10	3	<20
S1 RM-25-2-DL1	35	21	3	13	5	10	16	11	<20	9	2	<20
S1 RM-25-2-DL1	36	28	10	13	5	14	15	19	<20	10	3	<20
S1 RM-25-2-DL1	37	23	8	10	5	12	14	13	<20	9	2	<20
S1 RM-25-2-DL1	38	28	13	18	5	12	16	11	<20	10	10	<20
S1 RM-25-2-DL1	39	35	27	23	4	17	9	11	<20	11	32	<20
S1 RM-25-2-DL1	40	36	29	33	8	17	10	24	<20	12	25	<20
S1 RM-25-2-LB1	1	30	28	24	4	19	7	29	<20	15	15	<20
S1 RM-25-2-LB1	2	27	9	33	14	12	15	13	<20	9	14	<20
S1 RM-25-2-LB1	3	120	6	26	6	67	30	130	<20	89	11	<20
S1 RM-25-2-LB1	4	129	4	26	9	66	61	132	<20	84	14	<20
S1 RM-25-2-LB1	5	131	6	24	15	68	45	133	<20	88	11	<20
S1 RM-25-2-LB1	6	126	4	29	10	69	36	146	<20	90	9	<20
S1 RM-25-2-LB1	7	29	6	23	9	12	22	25	<20	10	5	<20
S1 RM-25-2-LB1	8	120	3	26	9	67	43	135	<20	83	7	<20
S1 RM-25-2-LB1	9	27	6	17	8	12	26	20	<20	10	5	<20
S1 RM-25-2-LB1	10	27	8	15	6	14	28	16	<20	9	5	<20
S1 RM-25-2-LB1	11	27	6	21	5	12	24	13	<20	12	6	<20
S1 RM-25-2-LB1	12	25	9	17	7	12	27	9	<20	8	4	<20
S1 RM-25-2-LB1	13	25	9	18	6	10	25	13	<20	9	6	<20
S1 RM-25-2-LB1	14	25	19	24	6	15	22	16	<20	10	10	<20
S1 RM-25-2-LB1	15	26	8	25	16	9	25	11	<20	13	16	<20
S1 RM-25-2-LB1	16	25	13	15	6	11	28	8	<20	11	7	<20
S1 RM-25-2-LB1	17	29	16	14	4	12	22	16	42	12	6	<20
S1 RM-25-2-LB1	18	30	19	15	4	13	23	7	<20	13	11	<20
S1 RM-25-2-LB1	19	25	32	12	3	14	20	7	<20	10	9	<20
S1 RM-25-2-LB1	20	27	26	13	3	13	16	10	<20	8	6	<20
S1 RM-25-2-LB1	21	29	11	14	4	13	14	12	<20	7	4	<20
S1 RM-25-2-LB1	22	29	13	17	4	14	16	9	<20	7	6	<20
S1 RM-25-2-LB1	23	33	34	18	3	17	13	5	<20	9	14	<20
S1 RM-25-2-LB1	24	28	23	24	3	16	14	13	<20	10	8	<20
S1 RM-25-2-LB1	25	26	22	22	2	17	9	11	<20	8	6	<20
S1 RM-25-2-LB1	26	24	28	10	<1	10	3	12	<20	10	6	<20
S1 RM-25-2-LB1	27	27	26	15	5	15	11	11	<20	10	7	<20
S1 RM-25-2-LB1	28	27	19	16	3	13	15	10	<20	9	6	<20
S1 RM-25-2-LB1	29	26	18	17	4	12	21	9	<20	7	8	<20
S1 RM-25-2-LB1	30	27	19	15	3	13	13	15	<20	10	6	<20
S1 RM-25-2-LP1	0+00W	28	8	19	6	11	14	20	<20	12	12	<20

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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
S1 RH-25-2-DL1	31	52	<10	<10	152	<10	4	90	2
S1 RH-25-2-DL1	32	91	<10	<10	138	<10	5	121	1
S1 RH-25-2-DL1	34	57	<10	<10	141	<10	5	83	5
S1 RH-25-2-DL1	35	69	<10	<10	161	<10	3	70	2
S1 RH-25-2-DL1	36	187	<10	<10	181	<10	7	139	3
S1 RH-25-2-DL1	37	48	<10	<10	165	<10	6	78	3
S1 RH-25-2-DL1	38	171	<10	<10	247	<10	9	92	3
S1 RH-25-2-DL1	39	511	<10	12	386	<10	20	124	7
S1 RH-25-2-DL1	40	445	<10	15	356	<10	16	138	8
S1 RH-25-2-LB1	1	377	<10	<10	470	<10	30	142	33
S1 RH-25-2-LB1	2	173	<10	<10	178	<10	13	113	9
S1 RH-25-2-LB1	3	162	19	101	205	<10	8	88	8
S1 RH-25-2-LB1	4	593	<10	92	211	<10	8	71	7
S1 RH-25-2-LB1	5	168	25	85	182	<10	10	83	9
S1 RH-25-2-LB1	6	83	20	96	203	<10	7	129	4
S1 RH-25-2-LB1	7	91	<10	<10	182	<10	6	137	2
S1 RH-25-2-LB1	8	66	<10	91	175	<10	6	81	4
S1 RH-25-2-LB1	9	91	<10	<10	166	<10	6	133	3
S1 RH-25-2-LB1	10	70	<10	<10	166	<10	6	131	5
S1 RH-25-2-LB1	11	92	<10	<10	199	<10	6	97	3
S1 RH-25-2-LB1	12	88	<10	<10	187	<10	7	104	3
S1 RH-25-2-LB1	13	83	<10	<10	196	<10	7	93	3
S1 RH-25-2-LB1	14	152	<10	10	194	<10	18	137	6
S1 RH-25-2-LB1	15	57	<10	<10	258	<10	6	132	8
S1 RH-25-2-LB1	16	124	<10	<10	214	<10	8	75	2
S1 RH-25-2-LB1	17	157	<10	<10	251	<10	9	130	2
S1 RH-25-2-LB1	18	207	<10	<10	264	<10	11	134	3
S1 RH-25-2-LB1	19	387	<10	<10	245	<10	15	93	3
S1 RH-25-2-LB1	20	329	<10	<10	234	<10	14	106	2
S1 RH-25-2-LB1	21	146	<10	<10	229	<10	10	121	2
S1 RH-25-2-LB1	22	144	11	<10	219	<10	10	121	4
S1 RH-25-2-LB1	23	224	<10	<10	282	<10	18	157	11
S1 RH-25-2-LB1	24	490	<10	<10	234	<10	14	150	15
S1 RH-25-2-LB1	25	211	<10	<10	198	<10	16	111	17
S1 RH-25-2-LB1	26	68	<10	<10	165	<10	25	85	17
S1 RH-25-2-LB1	27	191	<10	<10	197	<10	15	111	20
S1 RH-25-2-LB1	28	161	<10	<10	182	<10	11	133	12
S1 RH-25-2-LB1	29	118	<10	<10	188	<10	12	151	14
S1 RH-25-2-LB1	30	129	<10	<10	182	<10	12	150	11
S1 RH-25-2-LP1	0+00N	85	<10	<10	146	<10	11	130	14

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cu PPM
S1 RH-25-2-LP1 0+50W		50	0.3	72	12	<0.5	<2	<1	11	110	<1	1373
S1 RH-25-2-LP1 1+00W		13	0.3	149	61	<0.5	38	<1	18	42	130	288
S1 RH-25-2-LP1 1+50W		<5	<0.2	155	86	<0.5	37	<1	18	26	37	230
S1 RH-25-2-LP1 2+00W		23	0.3	105	83	<0.5	4	<1	8	37	42	632
S1 RH-25-2-LP1 2+50W		13	0.2	52	49	<0.5	4	<1	19	29	22	333
S1 RH-25-2-LP1 3+00W		14	<0.2	55	35	<0.5	3	<1	19	29	29	308
S1 RH-25-2-LP1 3+50W		16	<0.2	46	48	<0.5	3	<1	11	24	25	182
S1 RH-25-2-LP1 4+00W		8	<0.2	47	74	<0.5	4	<1	10	31	44	254
S1 RH-25-2-LP1 4+50W		7	<0.2	61	43	<0.5	<2	<1	14	31	30	212
S1 RH-25-2-LP1 5+00W		<5	<0.2	62	67	<0.5	5	<1	14	31	33	192
S1 RH-25-2-LP1 5+50W		10	<0.2	54	56	<0.5	4	<1	8	29	33	210
S1 RH-25-2-LP1 6+00W		16	<0.2	79	14	<0.5	4	<1	11	49	25	492
S1 RH-25-2-LP1 6+50W		7	<0.2	59	58	<0.5	3	<1	15	30	33	260
S1 RH-25-2-LP1 7+00W		6	<0.2	58	82	<0.5	<2	<1	16	29	29	237
S1 RH-25-2-LP1 7+50W		<5	<0.2	52	57	<0.5	4	<1	15	23	35	210
S1 RH-25-2-LP1 8+00W		8	<0.2	50	160	<0.5	3	<1	27	32	28	236
S1 RH-25-2-LP1 8+50W		13	0.3	51	147	<0.5	2	<1	29	38	44	655
S1 RH-25-2-LP1 9+00W		9	0.5	47	65	<0.5	5	<1	41	29	11	797
S1 RH-25-2-LP1 9+50W		13	0.3	44	86	<0.5	<2	<1	42	34	23	713
S1 RH-25-2-LP1 10+00W		20	<0.2	52	141	<0.5	3	<1	87	35	23	235
S1 RH-25-2-LP1 10+50W		13	0.2	44	148	<0.5	5	<1	76	36	28	144
S1 RH-25-2-LP1 11+00W		24	<0.2	38	184	<0.5	<2	<1	109	32	26	33
S1 RH-25-2-LP1 11+50W		<5	<0.2	46	262	<0.5	7	<1	68	31	31	110
S1 RH-25-2-LP1 12+00W		12	<0.2	45	222	<0.5	<2	<1	52	28	25	113
S1 RH-25-2-LP1 12+50W		38	<0.2	45	99	<0.5	2	<1	55	22	15	241
S1 RH-25-2-LP1 13+00W		10	<0.2	51	109	<0.5	4	<1	21	21	26	148
S1 RH-25-2-LP1 13+50W		15	<0.2	50	61	<0.5	2	<1	30	18	21	171
S1 RH-25-2-LP1 14+00W		14	<0.2	51	75	<0.5	3	<1	29	21	21	210
S1 RH-25-2-LP1 14+50W		15	<0.2	48	82	<0.5	3	<1	32	17	18	183
S1 RH-25-2-LP1 15+00W		30	<0.2	47	59	<0.5	<2	<1	46	17	9	336
S1 RH-25-2-LP1 15+50W		88	<0.2	49	86	<0.5	3	<1	52	19	8	291

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SAMPLE NUMBER	ELEMENT UNITS	Ga PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sb PPM	Sc PPM	Sn PPM
S1 RM-25-2-LP1 0+50W		24	16	43	25	9	14	9	<20	12	10	<20
S1 RM-25-2-LP1 1+00W		112	8	38	25	64	56	137	<20	89	32	<20
S1 RM-25-2-LP1 1+50W		118	5	27	4	64	31	141	<20	82	11	<20
S1 RM-25-2-LP1 2+00W		32	7	42	7	12	29	15	<20	21	16	<20
S1 RM-25-2-LP1 2+50W		27	7	30	14	13	20	48	<20	9	4	<20
S1 RM-25-2-LP1 3+00W		30	6	27	7	13	24	18	<20	11	7	<20
S1 RM-25-2-LP1 3+50W		22	4	15	4	10	18	7	<20	9	5	<20
S1 RM-25-2-LP1 4+00W		25	4	22	4	11	23	5	33	8	9	<20
S1 RM-25-2-LP1 4+50W		25	6	16	5	13	20	17	<20	10	2	<20
S1 RM-25-2-LP1 5+00W		26	7	15	7	12	26	16	<20	10	3	<20
S1 RM-25-2-LP1 5+50W		25	3	20	6	12	20	14	21	10	3	<20
S1 RM-25-2-LP1 6+00W		24	6	13	22	17	44	15	<20	10	4	<20
S1 RM-25-2-LP1 6+50W		24	6	16	7	14	30	13	<20	9	4	<20
S1 RM-25-2-LP1 7+00W		26	8	17	4	13	24	12	<20	10	5	<20
S1 RM-25-2-LP1 7+50W		27	6	16	4	15	18	16	<20	10	6	<20
S1 RM-25-2-LP1 8+00W		31	13	17	4	13	18	19	<20	9	6	<20
S1 RM-25-2-LP1 8+50W		30	16	19	5	14	25	7	<20	12	12	<20
S1 RM-25-2-LP1 9+00W		29	23	16	3	20	12	92	<20	11	20	<20
S1 RM-25-2-LP1 9+50W		27	21	15	3	14	22	7	<20	12	11	<20
S1 RM-25-2-LP1 10+00W		23	46	9	2	15	18	10	<20	13	8	<20
S1 RM-25-2-LP1 10+50W		27	42	13	3	16	20	13	<20	12	14	<20
S1 RM-25-2-LP1 11+00W		22	57	7	1	17	20	6	<20	13	11	<20
S1 RM-25-2-LP1 11+50W		24	35	10	3	15	20	8	<20	12	8	<20
S1 RM-25-2-LP1 12+00W		25	26	12	3	14	16	8	<20	12	8	<20
S1 RM-25-2-LP1 12+50W		26	29	10	2	14	12	15	<20	10	6	<20
S1 RM-25-2-LP1 13+00W		29	10	13	5	14	16	13	<20	10	3	<20
S1 RM-25-2-LP1 13+50W		26	15	15	4	15	15	15	<20	10	4	<20
S1 RM-25-2-LP1 14+00W		26	13	15	4	13	17	14	<20	9	5	<20
S1 RM-25-2-LP1 14+50W		27	16	15	3	14	14	13	<20	9	2	<20
S1 RM-25-2-LP1 15+00W		26	27	15	2	16	8	15	<20	11	6	<20
S1 RM-25-2-LP1 15+50W		28	30	17	2	17	9	14	<20	7	7	<20

& Company Ltd.
ion Ave.
ancouver, B.C.
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SAMPLE NUMBER	ELEMENT UNITS	Sr PPM	Ta PPM	Te PPM	V PPM	W PPM	Y PPM	Zn PPM	Zr PPM
S1 RN-25-2-LP1 0+50W		38	<10	<10	101	<10	12	192	10
S1 RN-25-2-LP1 1+00W		78	24	91	206	<10	16	136	10
S1 RN-25-2-LP1 1+50W		55	12	95	152	<10	6	101	6
S1 RN-25-2-LP1 2+00W		619	<10	12	203	<10	8	119	7
S1 RN-25-2-LP1 2+50W		83	<10	<10	168	<10	6	138	4
S1 RN-25-2-LP1 3+00W		82	<10	<10	195	<10	8	135	4
S1 RN-25-2-LP1 3+50W		114	<10	<10	145	<10	4	66	2
S1 RN-25-2-LP1 4+00W		85	<10	<10	169	<10	4	81	3
S1 RN-25-2-LP1 4+50W		98	<10	<10	137	<10	5	119	3
S1 RN-25-2-LP1 5+00W		82	<10	<10	142	<10	5	151	3
S1 RN-25-2-LP1 5+50W		89	<10	<10	146	<10	4	142	2
S1 RN-25-2-LP1 6+00W		60	<10	<10	143	<10	5	53	3
S1 RN-25-2-LP1 6+50W		108	<10	<10	157	<10	5	78	4
S1 RN-25-2-LP1 7+00W		145	<10	<10	166	<10	5	101	3
S1 RN-25-2-LP1 7+50W		82	<10	<10	221	<10	6	139	4
S1 RN-25-2-LP1 8+00W		106	<10	<10	258	<10	9	143	3
S1 RN-25-2-LP1 8+50W		185	<10	12	293	<10	9	134	5
S1 RN-25-2-LP1 9+00W		138	10	11	378	<10	14	154	19
S1 RN-25-2-LP1 9+50W		149	<10	<10	294	<10	13	90	6
S1 RN-25-2-LP1 10+00W		428	<10	11	326	<10	19	90	2
S1 RN-25-2-LP1 10+50W		530	<10	13	245	<10	16	106	2
S1 RN-25-2-LP1 11+00W		732	<10	15	226	<10	24	62	<1
S1 RN-25-2-LP1 11+50W		424	<10	11	242	<10	15	97	2
S1 RN-25-2-LP1 12+00W		301	11	<10	236	<10	13	114	3
S1 RN-25-2-LP1 12+50W		290	<10	<10	211	<10	18	116	8
S1 RN-25-2-LP1 13+00W		147	<10	<10	221	<10	8	119	2
S1 RN-25-2-LP1 13+50W		132	<10	<10	190	<10	10	113	6
S1 RN-25-2-LP1 14+00W		197	<10	<10	192	<10	9	92	4
S1 RN-25-2-LP1 14+50W		201	<10	<10	206	<10	11	119	5
S1 RN-25-2-LP1 15+00W		284	<10	<10	189	<10	14	118	10
S1 RN-25-2-LP1 15+50W		412	<10	<10	212	<10	16	135	14

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130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

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PROJECT: RM-5711 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PCT
R2 31966		1.14

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SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 RM-25-1 31640		2.32

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SAMPLE NUMBER	ELEMENT UNITS	WT G	WT-100 G	WT+100 G	Au DUP OPT	Au DUP OPT	Au AVG OPT	Au+100 OPT	Au+100 MG	Au TOT OPT
R6 RM-25-1 31119		29.17	910	17.81	0.027	0.022	0.025	0.11	0.070	0.027
R6 RM-25-1 31640		29.17	976	18.80	0.047	0.036	0.042	0.20	0.130	0.045

DISTRIBUTION:
GEOCHEMICAL RESULTS

	CHECK:
MASTER COPY	RTB
PROJECT FILE	PLOTTED MAY 1046 & 13E
GEOLOGIST	RMB/DM
ACCOUNTING	

APPENDIX III

(Sample Methods)

SAMPLING METHODS

Rock

Approximately one to two kilograms were collected with a rock hammer with care being taken to sample as much unweathered material as possible. The sample was placed in a 3 mil plastic sample bag and shipped to Acme Analytical Labs or Bondar-Clegg & Company for 30 element ICP and geochemical aanalysis of gold.

Stream Silt

The samples were collected with a hand trowel or by hand and placed in kraft sample bags, air dried and shipped to Acme Analytical Lasb or Bondar-Clegg and Company for analysis of 30 elements by ICP and gold by geochemistry.

Heavy Mineral

Stream sediment was sieved through a 20 mesh screen and collected in large 3 mil plastic sample bags. A standard sample weight of 8 kilograms was used. The samples were shipped to C.F. Mineral Research Ltd. of Kelowna, B.C. for heavy mineral and magnetic separation of the -150 mesh and 150-60 mesh fractions. The heavy non - magnetic fractions were then shipped to Acme Analytical Labs for analysis by 30 element ICP and gold by fire assay. A portion of each sample was retained and sent to Acme where it was analyzed in the same manner as the stream sediment samples.

Soil Samples

Samples were collected from the B horizon using a maddock, placed in kraft paper bags and air dried. The samples were shipped to Acme Analytical Labs or Bondar-Clegg and Company where they were analyzed by 30 element ICP and geochemical gold.

In all instances, sample locations were marked in the field with orange flagging tape and metal tags bearing the sample number, date and samplers name.

APPENDIX IV

(Analytical Methods)

BONDAR-CLEGG

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

Determination of Elements by Plasma Emission Spectroscopy

Lefort Aqua-regia Digestion

The samples of 0.5 grams in weight are digested in test tubes with concentrated nitric and hydrochloric acids. These tubes are heated in hot water baths for two and one-half hours. The sample is then diluted and mixed. This solution is analyzed on the Plasma Emission Spectrograph by using the appropriate emission line for each element. The emissions are compared to standard solutions to determine the amount of each element that is present.

Multi-acid Digestion

A sample weight of 0.5 grams is transferred to a teflon test tube. It is then treated with a mixture of hydrofluoric, nitric and perchloric acids. The sample and acid mixture is heated in an aluminum block until the volume is reduced and there are strong perchloric fumes. The residue is dissolved with hydrochloric acid and the solution is then diluted to 20 ml. with demineralized water and mixed. These solutions are analyzed on the Plasma Emission Spectrograph using the appropriate emission line for each element. The emissions are compared to standard solutions to determine the amount of each element that is present. These are run within one hour of digestion in order to minimize precipitation problems.

Contamination Prevention

The test tubes are used for DC Plasma analysis only and are discarded after use. A solution of de-ionized water or dilute acid is run between samples to prevent contamination during analysis.

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
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V7P 2R5
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PROCEDURE FOR ASSAY Au ANALYSIS

FIRE ASSAY PROCEDURE:

A prepared sample of one assay ton (29.166 grams) is mixed with a flux which is composed mainly of lead oxide. The proportions of the flux components (the litharge, soda, silica, borax glass, and flour) are adjusted depending upon the nature of the sample. Silver is added to help collect the gold. The samples are fused at 1950 F until a clear melt is obtained. The 30-40 gram lead button that is produced contains the precious metals. It is then separated from the slag. Heating in the cupellation furnace separates the lead from the noble metals. The normal-sized precious metal beads that are produced are transferred to test tubes and dissolved with aqua-regia. This solution is analyzed using Atomic Absorption by comparing the absorbance of these solutions with that of standard solutions. In the case of high grade samples, greater than 0.200 OPT, the precious metal bead is parted in dilute HNO3 acid to dissolve the silver and the remaining gold is weighed.

COMMENTS:

As part of our routine quality control we run a duplicate analysis for 2 out of each batch of 24 as well as a standard. These total about 12% of the samples. Also, all samples which are over 0.20 OPT on the original fusion are run again to verify the results. If a sample gives erratic results, such as 0.10, 0.020, 0.30, we will indicate this on the report. We suggest that a new split should be taken from the reject for preparation and analysis by our metallics sieve procedure. Certified standards and in house pulp standards as well as synthetic solution standards are run with each report or batch of samples.

PROCEDURE FOR FIRE ASSAY SILVER

1) One assay ton (29.16 grams) of homogeneous pulp is weighed into a fireclay crucible and fluxed appropriately with litharge, borax, soda ash and silica.
2) No inquart is added, only flour or niter to control button size.
3) Fusion takes place in a furnace of about 1900 degrees F. The same procedure is used for fusing gold.
4) A standard for silver is run with each silver fusion.
5) All buttons are made up to the same weight with silver-free lead foil.
6) Controlled temperatures and a watchful cupeller ensure minimal silver losses in cupellation.
7) Corrections are applied to final results based on checks and standards.

BONDAR-CLEGG

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

SILVER DETERMINATION (WET ASSAY)

A 3.0 gm sample is analytically weighed into a beaker. It is digested with hot nitric, hydrochloric, and hydrofluoric acids which breaks down the ore. Once digested, the sample is boiled in a dilute acid solution, transferred to a flask, and carefully diluted to exactly 100 mls. The samples are analyzed on the atomic absorption unit along with certified standards, in house standards and duplicates.

Total CU,PB,ZN,FE,Ni,Cd,Co BY A.A.

A 0.5 gram sample is weighed into a beaker and digested with HNO3, HCl, and HF on a hotplate. The sample is taken down to dryness and then HCl is added with water and KClO3 to boil the sample into solution. The sample is then run on the atomic absorption unit along with pulp standards and synthetic standards. Any sample over 10% will be rerun by titration methods.

APPENDIX V

(Staement of Qualifications)

STATEMENT OF QUALIFICATIONS

I, Darcy Edward Marud, of 2205 Graveley Street, Vancouver, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of Saskatchewan, having been granted the degree of Bachelor of Sciences - Honours degree in Geology in 1985.

2. I have practiced my profession as a geologist in mineral exploration since 1985.

3. I am presently employed as a geologist with Homestake Mineral Development Company of #1000 - 700 West Pender Street, Vancouver, British Columbia.

4. The work done in the accompanying report was done under my supervision and with my participation.

5. I am the author/co-author of the above report.

6. I have no direct or indirect financial interest in any companies known by me to have an interest in the mineral properties described by this report, nor do I expect to receive any such interest.

Dated at Vancouver, B.C. this 6th day of July, 1990

Respectfully submitted

Darcy E. Marud

APPENDIX VI
(Statement of Costs)

RUGGED MOUNTAIN

1.0 SALARIES AND WAGES

Project Geologist	5 days	@	250/day	1250	
Geologist	8 days	@	180/day	1440	
Assistant	3 days	@	130/day	390	
					3080

2.0 GEOCHEMISTRY AND ASSAYING

Geochemistry	38 rock	@	18.98/spl	721.15	
	111 soil	@	14.85/spl	1648.35	
Assaying	1 lead	@	7.0/smpl	7	
	1 copper	@	6.75/smpl	6.75	
	2 gold	@	41.75	83.5	
					2466.75

3.0 ADMINISTRATION

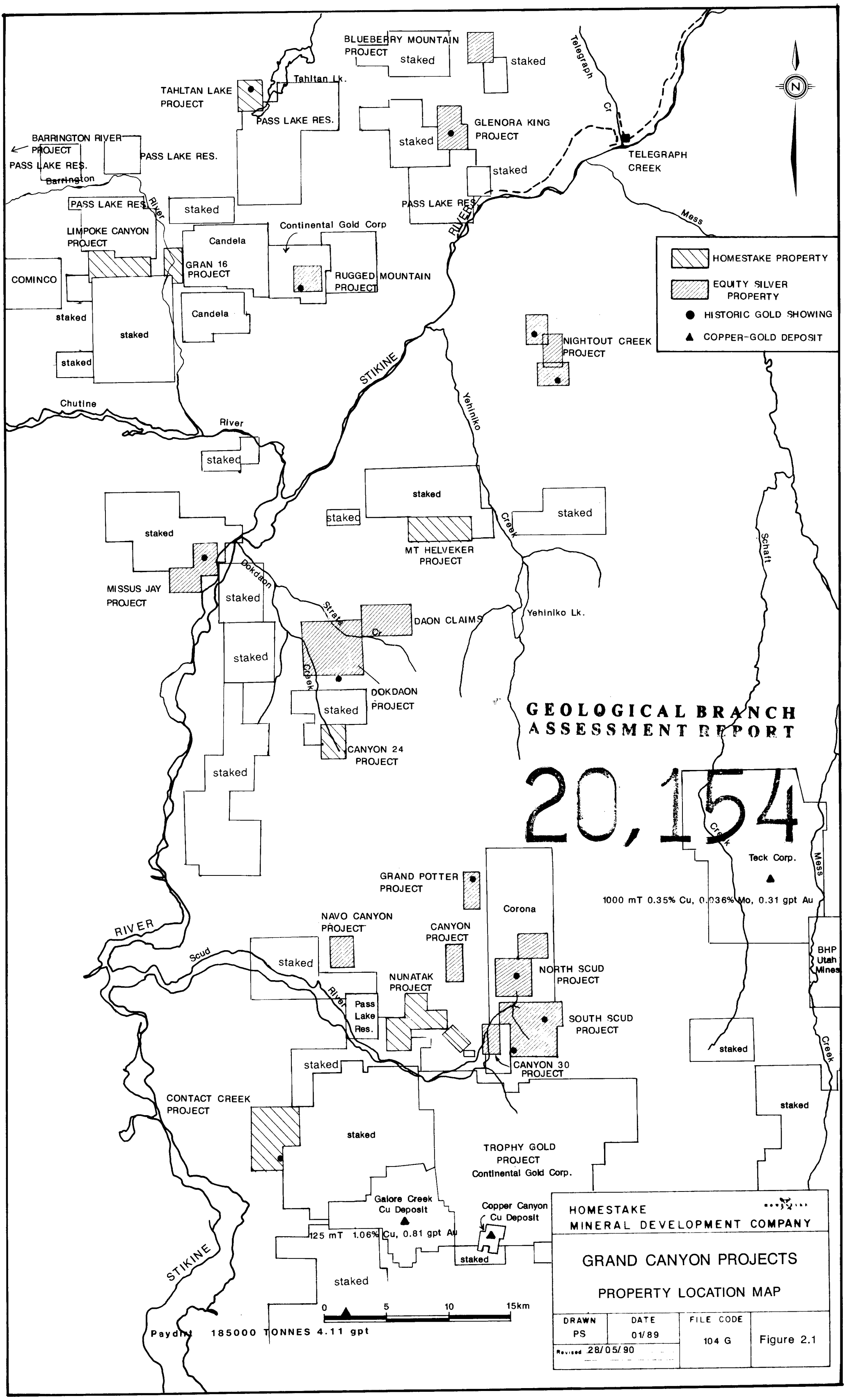
Travel expenses and airfare				400	
Maps, publications and photos				100	
Communications				20	
Freight and shipping				50	
					570

4.0 SURFACE WORK

Accomodation				1487.5	
Field Materials				100	
Air Support	4.8 hrs	@	635.67/hr	3051.22	
					4638.72

5.0 MACHINERY AND EXPENSES

Rentals - Motorola radios				20	
					20
			TOTAL		10775.47


BLUEBERRY MOUNTAIN PROJECT
staked
staked
Tahltan Lk.
TAHLTAN LAKE PROJECT
PASS LAKE RES.
Telegraph Cr
GLENORA KING PROJECT
staked
staked
TELEGRAPH CREEK
BARRINGTON RIVER PROJECT
PASS LAKE RES.
PASS LAKE RES.
Barrington
PASS LAKE RES.
River
staked
PASS LAKE RES.
Stikine
River
Mess
LIMPOKE CANYON PROJECT
Continental Gold Corp
Candela
GRAN 16 PROJECT
RUGGED MOUNTAIN PROJECT
COMINCO
staked
staked
Candela
staked
HOMESTAKE PROPERTY
EQUITY SILVER PROPERTY
HISTORIC GOLD SHOWING
COPPER-GOLD DEPOSIT
NIGHTOUT CREEK PROJECT
STIKINE
Yehiniko
Chutine
River
staked
staked
staked
staked
Creek
MT HELVEKER PROJECT
Schaft
MISSUS JAY PROJECT
staked
Dokdaon
Strata
Cr
DAON CLAIMS
Yehiniko Lk.
staked
Creek
DOKDAON PROJECT
staked
CANYON 24 PROJECT
staked
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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Creek
Teck Corp.
Mess
GRAND POTTER PROJECT
1000 mT 0.35% Cu, 0.036% Mo, 0.31 gpt Au
Corona
RIVER
Scud
NAVO CANYON PROJECT
CANYON PROJECT
staked
NUNATAK PROJECT
NORTH SCUD PROJECT
BHP Utah Mines
River
Pass Lake Res.
SOUTH SCUD PROJECT
staked
Creek
staked
CANYON 30 PROJECT
CONTACT CREEK PROJECT
staked
staked
TROPHY GOLD PROJECT
Continental Gold Corp.
Galore Creek Cu Deposit
125 mT 1.06% Cu, 0.81 gpt Au
Copper Canyon Cu Deposit
staked
STIKINE
staked
0
5
10
15km
Paydirt 185000 TONNES 4.11 gpt
HOMESTAKE MINERAL DEVELOPMENT COMPANY
GRAND CANYON PROJECTS
PROPERTY LOCATION MAP
DRAWN PS
DATE 01/89
Revised 28/05/90
FILE CODE 104 G
Figure 2.1

VOLCANIC INTRUSIVE BRECCIA
30% Feldspar xtls to 3mm
Blocks of Diorite &
Limestone to 10 cm

SILTSTONE
SYENITE DYKE

SYENITE

HORNFELS SEDIMENTS

SILTSTONE

Fx. Po Dyke

TALUS

weakly magnetic m.g. equigranular Syenite to Monzonite

SEDIMENTS

Pegmatitic SYENITE

Massive Mg+Bi

Ferricrete Float

SYENITE

HORNFELS SEDIMENTS

60% Bi+Mg

20% Syenite Dykes

Massive Mg Bi

SYENITE MONZONITE

SYENITE

Bi+Mg rock

Minor Py, Cp on margins of Syenite Dykes

CANYON 25
LCP 3CP (WP)

SYENITE
Variably Textured

43

META-SEDIMENTS

GABBRO / DIORITE
weakly chloritized
35-40% Plagioclase
tr Py and Calcite

WACKE
f.g. massive dark grey green

No Exposure

META-SEDIMENTS

MEGA-CRYSTIC SYENITE

SYENITE
TRACHITIC ORTHOCLASE
MEGA-PORPHYRY

SYENITE
Equigranular

Massive Mg+Bi
5% thin Syenite Dykes

26

40

SYENITE

INACCESSABLE
PREDOMINATELY
SYENITE

5500
5000
4500
4000
3500
3000
2500
2000

N

Geological Contact (Defined, Inferred)
Talus
Fault
Foliation
Bedding
Jointing
Py Pyrite
Mg Magnetite
Bi Biotite
Cp Chalcopyrite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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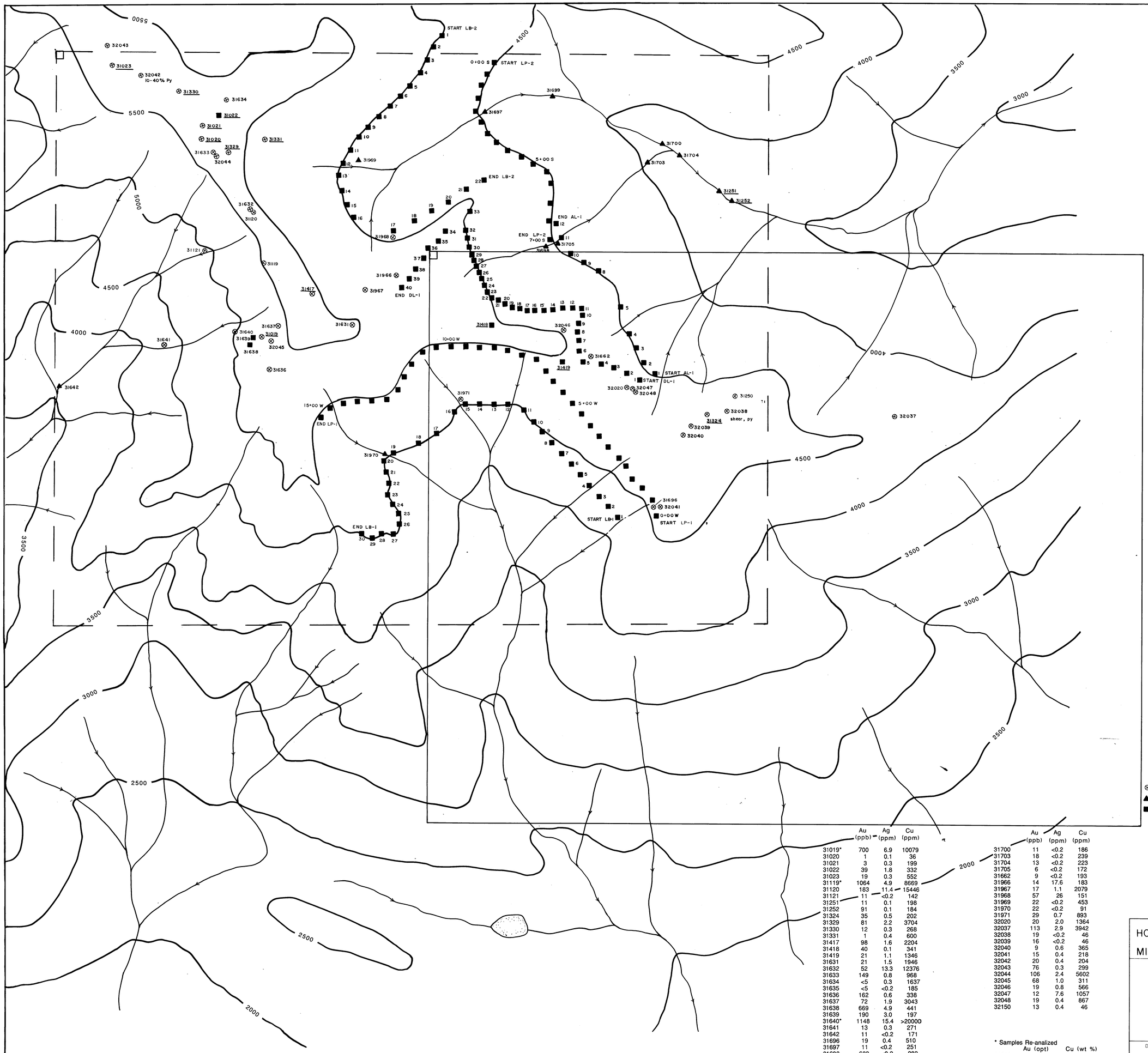
1: 5000

0 100 200 300 400 500
METERS

HOMESTAKE
MINERAL DEVELOPMENT COMPANY
RUGGED MOUNTAIN PROPERTY, B.C.

GEOLOGY

DRAWN	DATE	FILE CODE	
PJS	02/90	104G/13	Fig 4A
REVISED			



		Au (ppb)	Ag (ppm)	Cu (ppm)
LP-1	0+00	128	<0.2	198
LP-1	0+50	50	0.3	1373
LP-1	1+00	13	0.3	288
LP-1	1+50	<5	<0.2	230
LP-1	2+00	23	0.3	632
LP-1	2+50	13	0.2	333
LP-1	3+00	14	<0.2	308
LP-1	3+50	16	<0.2	182
LP-1	4+00	8	<0.2	254
LP-1	4+50	7	<0.2	212
LP-1	5+00	<5	<0.2	192
LP-1	5+50	10	<0.2	210
LP-1	6+00	16	<0.2	492
LP-1	6+50	7	<0.2	260
LP-1	7+00	6	<0.2	237
LP-1	7+50	<5	<0.2	210
LP-1	8+00	8	<0.2	236
LP-1	8+50	13	0.3	655
LP-1	9+00	9	0.5	797
LP-1	9+50	13	0.3	713
LP-1	10+00	20	<0.2	235
LP-1	10+50	13	0.2	144
LP-1	11+00	24	<0.2	33
LP-1	11+50	<5	<0.2	110
LP-1	12+00	12	<0.2	113
LP-1	12+50	38	<0.2	241
LP-1	13+00	10	<0.2	148
LP-1	13+50	15	<0.2	171
LP-1	14+00	14	<0.2	210
LP-1	14+50	15	<0.2	183
LP-1	15+00	30	<0.2	336
LP-1	15+50	88	<0.2	291
AL-1	1	27	0.2	108
AL-1	2	34	<0.2	109
AL-1	3	45	<0.2	234
AL-1	4	19	<0.2	139
AL-1	5	30	<0.2	138
AL-1	8	22	<0.2	256
AL-1	9	12	<0.2	103
AL-1	10	14	<0.2	112
AL-1	11	12	<0.2	118
AL-1	12	15	<0.2	185
DL-1	1	44	<0.2	217
DL-1	2	26	<0.2	176
DL-1	3	61	<0.2	220
DL-1	4	65	0.3	539
DL-1	5	87	0.2	324
DL-1	6	43	0.4	704
DL-1	7	54	0.4	671
DL-1	8	50	0.3	438
DL-1	9	15	<0.2	217
DL-1	10	97	1.0	1233
DL-1	11	34	0.2	697
DL-1	12	208	4.0	2931
DL-1	13	142	0.6	455
DL-1	14	<5	0.3	366
DL-1	15	41	<0.2	478
DL-1	16	36	<0.2	169
DL-1	17	65	<0.2	332
DL-1	18	30	<0.2	179
DL-1	19	21	<0.2	372
DL-1	20	15	<0.2	383
DL-1	21	5	<0.2	228
DL-1	22	8	0.3	320
DL-1	23	28	<0.2	286
DL-1	24	<5	<0.2	64
DL-1	25	7	<0.2	90
DL-1	26	<5	<0.2	1001
DL-1	27	<5	<0.2	84
DL-1	28	<5	<0.2	414
DL-1	29	8	<0.2	139
DL-1	30	15	<0.2	243
DL-1	31	<5	<0.2	90
DL-1	32	37	0.2	95
DL-1	34	11	<0.2	126
DL-1	35	<5	0.2	153
DL-1	36	20	0.2	290
DL-1	37	13	0.2	118
DL-1	38	32	<0.2	420
DL-1	39	30	0.2	596
DL-1	40	59	0.2	771
LB-1	1	1824	0.5	876
LB-1	2	17	<0.2	285
LB-1	3	7	<0.2	196
LB-1	4	28	0.2	410
LB-1	5	13	<0.2	253
LB-1	6	<5	<0.2	220
LB-1	7	8	<0.2	312
LB-1	8	<5	<0.2	309
LB-1	9	10	<0.2	317
LB-1	10	7	<0.2	323
LB-1	11	10	<0.2	276
LB-1	12	66	<0.2	558
LB-1	13	13	<0.2	370
LB-1	14	14	<0.2	1195
LB-1	15	31	0.2	1354
LB-1	16	12	<0.2	644
LB-1	17	31	<0.2	244
LB-1	18	18	<0.2	193
LB-1	19	21	<0.2	252
LB-1	20	11	<0.2	222
LB-1	21	18	<0.2	176
LB-1	22	8	<0.2	219
LB-1	23	12	<0.2	321
LB-1	24	30	<0.2	378
LB-1	25	9	<0.2	312
LB-1	26	30	<0.2	197
LB-1	27	120	<0.2	234
LB-1	28	32	<0.2	208
LB-1	29	72	<0.2	226
LB-1	30	26	<0.2	201

LB-2 and LP-2 Samples not analized

⊗ Rock Sample
▲ Silt
■ Soil

CURRENT WORK (Ag-ppm Au-ppb)
⊗ 31395 (0.5) (93)
Sample Number
Sample Site

PREVIOUS WORK (Ag-ppm Au-ppb)
⊗ 31395 (0.5) (93)
Sample Number
Sample Site

	Au (ppb)	Ag (ppm)	Cu (ppm)
31019*	700	6.9	10079
31020	1	0.1	36
31021	3	0.3	199
31022	39	1.8	332
31023	19	0.3	552
31119*	1064	4.9	8669
31120	183	11.4	15446
31121	11	<0.2	142
31251	11	0.1	198
31252	91	0.1	184
31324	35	0.5	202
31329	81	2.2	3704
31330	12	0.3	268
31331	1	0.4	600
31417	98	1.6	2204
31418	40	0.1	341
31419	21	1.1	1346
31631	21	1.5	1946
31632	52	13.3	12376
31633	149	0.8	968
31634	<5	0.3	1637
31635	<5	<0.2	185
31636	162	0.6	338
31637	72	1.9	3043
31638	669	4.9	441
31639	190	3.0	197
31640*	1148	15.4	>20000
31641	13	0.3	271
31642	11	<0.2	171
31696	19	0.4	510
31697	11	<0.2	251
31698	683	<0.2	282
31699	12	<0.2	254

	Au (ppb)	Ag (ppm)	Cu (ppm)
31700	11	<0.2	186
31703	18	<0.2	239
31704	13	<0.2	223
31705	6	<0.2	172
31662	9	<0.2	193
31966	14	17.6	183
31967	17	1.1	2079
31968	57	26	151
31969	22	<0.2	453
31970	22	<0.2	91
31971	29	0.7	893
32020	20	2.0	1364
32037	113	2.9	3942
32038	19	<0.2	46
32039	16	<0.2	46
32040	9	0.6	365
32041	15	0.4	218
32042	20	0.4	204
32043	76	0.3	299
32044	106	2.4	5602
32045	68	1.0	311
32046	19	0.8	566
32047	12	7.6	1057
32048	19	0.4	867
32150	13	0.4	46

* Samples Re-analized

	Au (opt)	Cu (wt %)
31019		1.17
31119	0.027	
31640	0.045	2.32

1 : 5000

0 100 200 300 400 500

METERS

HOMESTAKE
MINERAL DEVELOPMENT COMPANY
RUGGED MOUNTAIN PROPERTY, B.C.

SAMPLE LOCATION AND GEOCHEMISTRY

DRAWN	DATE	FILE CODE
PJS	02/90	104G/13
REVISED		

Fig 4.A.1

GEOLOGICAL BRANCH ASSESSMENT REPORT

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