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GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT
ON
AKIKO LORI GOLD RESOURCES LTD.'S
SCUD PROJECT

SCUD RIVER AREA, NORTHWESTERN BRITISH COLUMBIA
LIARD MINING DIVISION

NTS 104G/6
57°21'N LATITUDE
131°19'W LONGITUDE

Bernard Dewonck, F.G.A.C.

October 15, 1991

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,731

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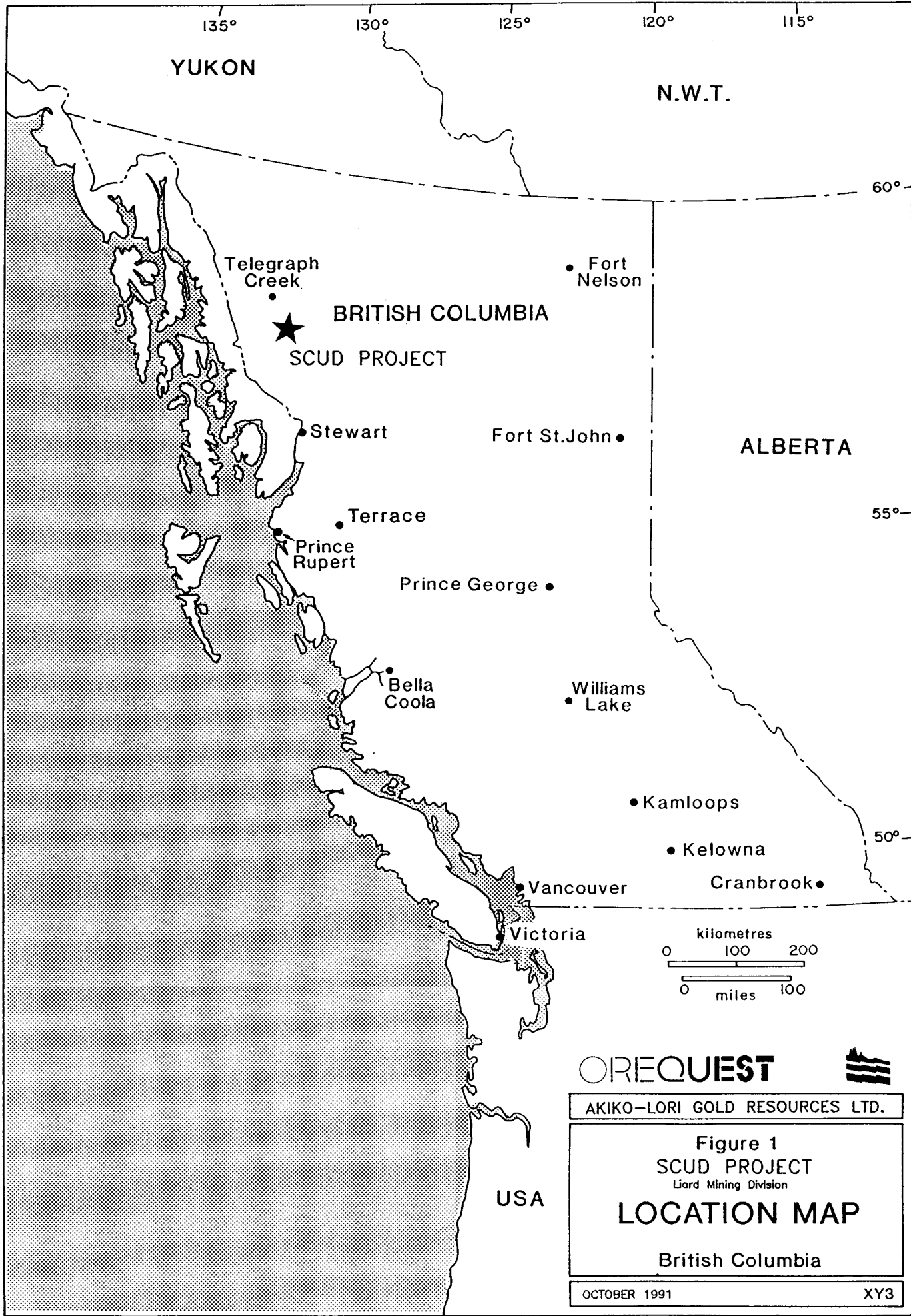
INTRODUCTION

This report presents the results of exploration conducted on the Scud Property in 1991. The property includes the Scud 1-8, 10-13, Alicia and Robyn claims in the Scud River area of northwestern British Columbia. The claims are owned by Corona Corporation and a wholly owned subsidiary, Lacana Ex (1981) Inc. Corona conducted examinations of the property in 1988 and 1989.

The 1991 work, consisting of large scale geological mapping, rock and soil geochemical sampling, was conducted under the general management of OreQuest Consultants Ltd. on behalf of Akiko Lori Gold Resources Ltd., who have an option to earn an interest in the property from Corona. Gold Fields Canadian Mining Limited, under an "umbrella" agreement with Akiko Lori, has the right to acquire an interest in the properties in which Akiko Lori has interests. As a result, Gold Fields personnel headed the 1991 exploration crew, to facilitate Gold Field's evaluation of the Scud Property, and they provided the technical direction during the course of the field program. All field data contained in this report is derived from information and field maps provided by Gold Fields.

LOCATION AND ACCESS

The claim group straddles the Scud Glacier, some 11 km north of the point where the Scud River emanates from the toe of the glacier, then stretches southward along the east side of the glacier to the headwaters of the river. The property is situated approximately 30



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Figure 1
SCUD PROJECT
 Liard Mining Division
LOCATION MAP
 British Columbia

km east of an airstrip at the confluence of the Scud and Stikine Rivers, and 25 km northeast of a permanent exploration camp and airstrip at the headwaters of Galore Creek (the Galore Creek porphyry copper-gold deposit). The property is situated at latitude $57^{\circ}21'N$ and longitude $131^{\circ}19'W$, on mapsheet 104G/6 (Figure 1).

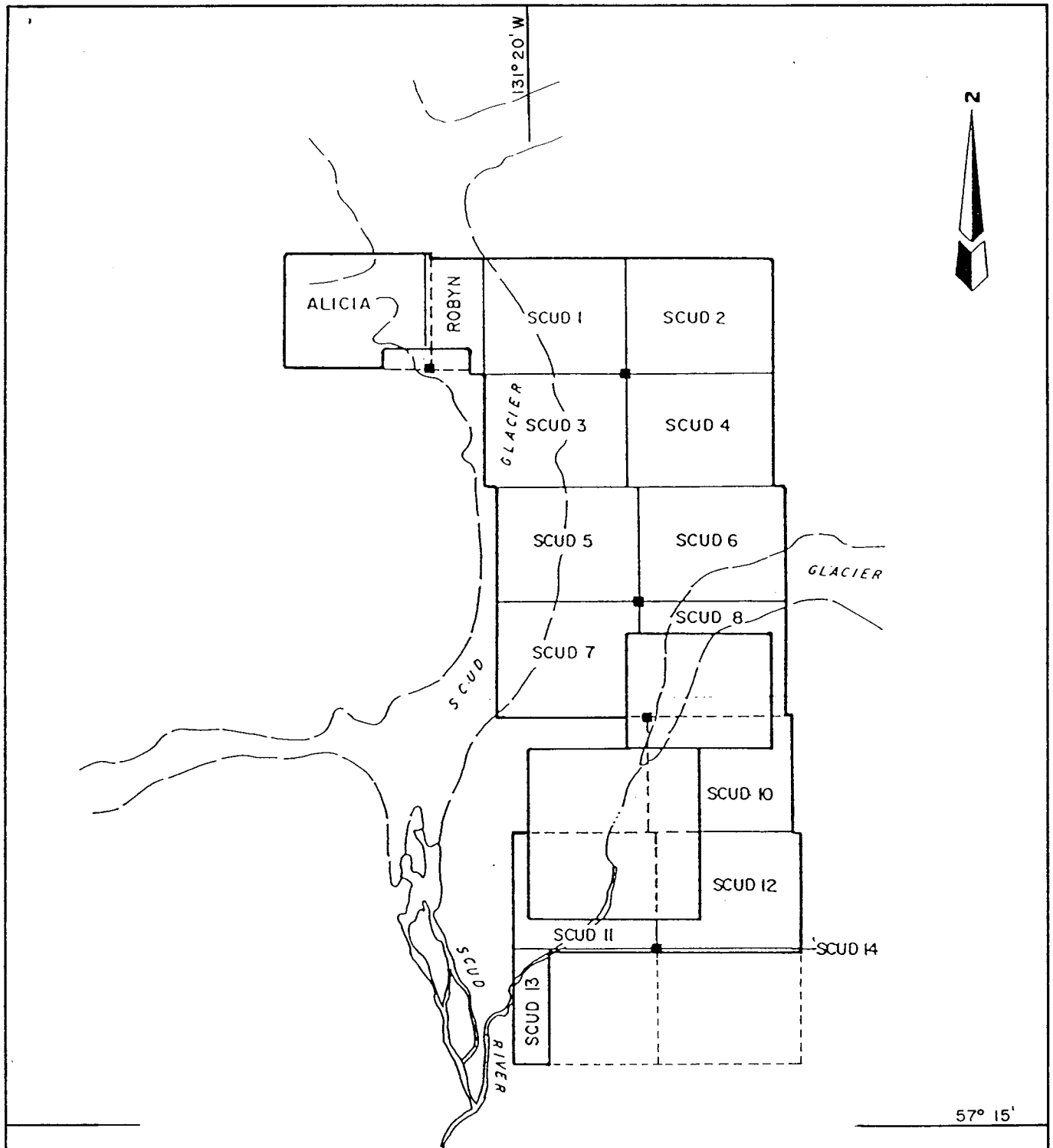
The 1991 field crew established a fly camp on the Scud 1 claim, which was mobilized by helicopter from Bob Quinn Lake on the Stewart-Cassiar Highway (#37), 80 km to the southeast. Daily helicopter support was arranged with a machine based at the Galore Creek camp.

PHYSIOGRAPHY AND VEGETATION

Essentially the entire property is above treeline, encompassing rugged, glaciated terrain typical of the area. A substantial proportion of the claim area, particularly in the northern portion, is covered in permanent ice and snow fields. Elevations range from approximately 360 m in the western part of Scud 13 to in excess of 2100 m in several areas throughout the claim block.

CLAIM STATUS

The Scud Project comprises 15 modified grid claims totalling 288 units (Figure 2). Pertinent claim information is outlined in the following table:



Km 1 0 1 2 3 Km

57° 15'

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Figure 2
SCUD PROJECT
Liard Mining Division
CLAIM MAP
British Columbia
NTS: 104 G/6

OCTOBER 1991 Drafting RWR

TABLE 1: CLAIM INFORMATION

CLAIM NAME	RECORD NO.	NO. OF UNITS	RECORD DATE	EXPIRY DATE
SCUD 1	4845	20	July 21, 1988	July 21, 1993
SCUD 2	4846	20	July 21, 1988	July 21, 1992
SCUD 3	4847	20	July 21, 1988	July 21, 1993
SCUD 4	4848	20	July 21, 1988	*July 21, 1992
SCUD 5	4849	20	July 21, 1988	July 21, 1992
SCUD 6	4850	20	July 21, 1988	*July 21, 1992
SCUD 7	4851	20	July 21, 1988	July 21, 1992
SCUD 8	4852	20	July 21, 1988	*July 21, 1992
SCUD 10	4854	20	July 21, 1988	*July 21, 1993
SCUD 11	4855	20	July 21, 1988	*July 21, 1992
SCUD 12	4856	20	July 21, 1988	*July 21, 1992
SCUD 13	4857	20	July 21, 1988	*July 21, 1992
SCUD 14	4858	20	July 21, 1988	*July 21, 1992
ROBYN	6492	8	Sept 30, 1989	*Sept 30, 1993
ALICIA	6493	20	Sept 30, 1989	*Sept 30, 1993

*Expiry date upon acceptance of assessment credit based on work described in this report

The property is within the Liard Mining Division. The Scud 1-8, 10-14 claims are owned by Lacana Ex (1981) Inc. while the Robyn and Alicia claims are owned by International Corona Corporation.

PREVIOUS EXPLORATION

The property was prospected and sampled to some extent in 1988 and 1989 by Corona. Results of this work are recorded in a series of prospecting reports by Jones (1989a, b, c) and Johnson and Jones (1990a, b, c). Reference is made in one of the latter reports to a 1964 ASARCO report by R.E. Gale regarding the "North Scud" occurrence which was "rediscovered" on what is now the Alicia claim.

1991 EXPLORATION

The 1991 exploration program was directed in the field by Gold Fields Canadian Mining personnel, whose primary interest was to evaluate the economic potential of the property as a whole, allowing the company to reach an informed decision regarding continued participation in the property's exploration. To this end, geological mapping was done in a general sense and numerous rock grab and chip samples were collected to verify previous results from specific showings and to cover other areas of interest not previously sampled. The program emphasis was on the rock geochemistry.

REGIONAL GEOLOGY

A brief summary of the regional geology is presented here, reproduced verbatim from Johnson and Jones (1990):

"The claim area lies on the western margin of the Intermontane Belt at its contact with the Coast Plutonic Complex. Paleozoic sediments and Mesozoic sediments and volcanics are cut by intrusive bodies of the main Coast Belt and the satellite Hickman and Yeheniko Plutons. General tectonic fabric of the region trends north-northwesterly.

The oldest rocks exposed in the area are Lower Paleozoic clastics including impure quartzites and limestones, overlain by crystalline schists and gneisses. A thick impure limestone unit caps the Paleozoic oceanic sequence.

The lower contact of Mesozoic units is described by F.A. Kerr, G.S.C. Memoir 246 and J.G. Souther, G.S.C. Paper 71-44, as gradational and in places unconformable. Triassic rocks consist of a thick sedimentary sequence overlain by an island arc volcanic assemblage which is in turn capped by volcanic derived sediments.

The Jurassic layered sequence consists of a thick, near shore sedimentary package and later volcanic (island arc?)

rocks. Extensive intrusive activity during this period resulted in the emplacement of the multi phased 'Coast Complex' and related satellite plutons. Alkaline and calc-alkaline members of this suite are directly associated with most of the numerous mineral occurrences in the area. Cretaceous rocks consist mainly of marine sediments with thin basaltic to phyllitic components.

Cenozoic stratigraphy includes mafic and felsic aerial volcanic units. These rocks are a major component of glacial and fluvial deposits throughout the area. Several active host springs attest to ongoing geologic activity throughout the Iskut-Stikine region.

Most of the region has been subjected to Quaternary glaciation, resulting in rugged alpine terrain".

PROPERTY GEOLOGY

Property geology has been described by Jones, and Johnson and Jones, in their various reports on claim groups within the property. The northern part of the property encompasses Mesozoic Stuhini Group volcanics and sediments intruded by Jurassic granodiorite (Yeheniko Pluton). In the central portion, both Paleozoic and Mesozoic stratigraphy occurs, with the dominant intrusive body being the Triassic Hickman Pluton along the eastern margin. The geology in the southern portion of the property is a continuation of the central area.

Mapping by Gold Fields personnel is shown in Figures 5-7, and is rather generalized. No distinction between Paleozoic and Mesozoic stratigraphy has been made and correlation of unit designations with Corona's work is difficult. In general, the 1991 mapping interprets the volcanics to be more mafic rather than intermediate in composition, and gabbroic rocks appear to be more extensive than

previously indicated. Sedimentary units from both the Paleozoic and Mesozoic likely have been designated as the same unit in different parts of the property. As mentioned previously the emphasis of the 1991 program was on evaluation of the entire property's economic potential rather than systematic and rigorous geological mapping of any one part. Detailed mapping of the property as a whole was well beyond the scope of this program.

MINERALIZATION

Five styles of mineralization were recognized:

- i) arsenopyrite in narrow veins and bands/pods in small quartz iron stockwork systems (Otis and Moped Showings).
- ii) massive copper mineralization - bornite, chalcopyrite and malachite as lenses and in shears/fractures; proximal to large intrusives (Scud 1, Alicia claims). Structures are narrow (maximum 15 cm) and usually pinch out with 15 to 30 m.
- iii) gossan/ankerite zones associated with mafic volcanics in the eastern portion of Scud 3 claim.
- iv) weakly pyritic argillite units interbedded with limestone in the eastern portions of Scud 3 and 5 claims.
- v) finely disseminated chalcopyrite mineralization associated with carbonate/ankerite zones in mafic volcanics on the Scud 10 claim.

Scud 1 Claim

The best gold mineralization found to date on the property occurs within the Scud 1 claim, associated with arsenopyrite and/or bornite rich shear/fracture systems within a mafic to intermediate volcanic unit. The unit, approximately 800m wide, has been traced for at least 1000m uphill along its northeast trend until it

disappears under snow and ice. The volcanics are wedged between granodiorite (Yehenika Pluton) to the north and a diorite/gabbro to the south.

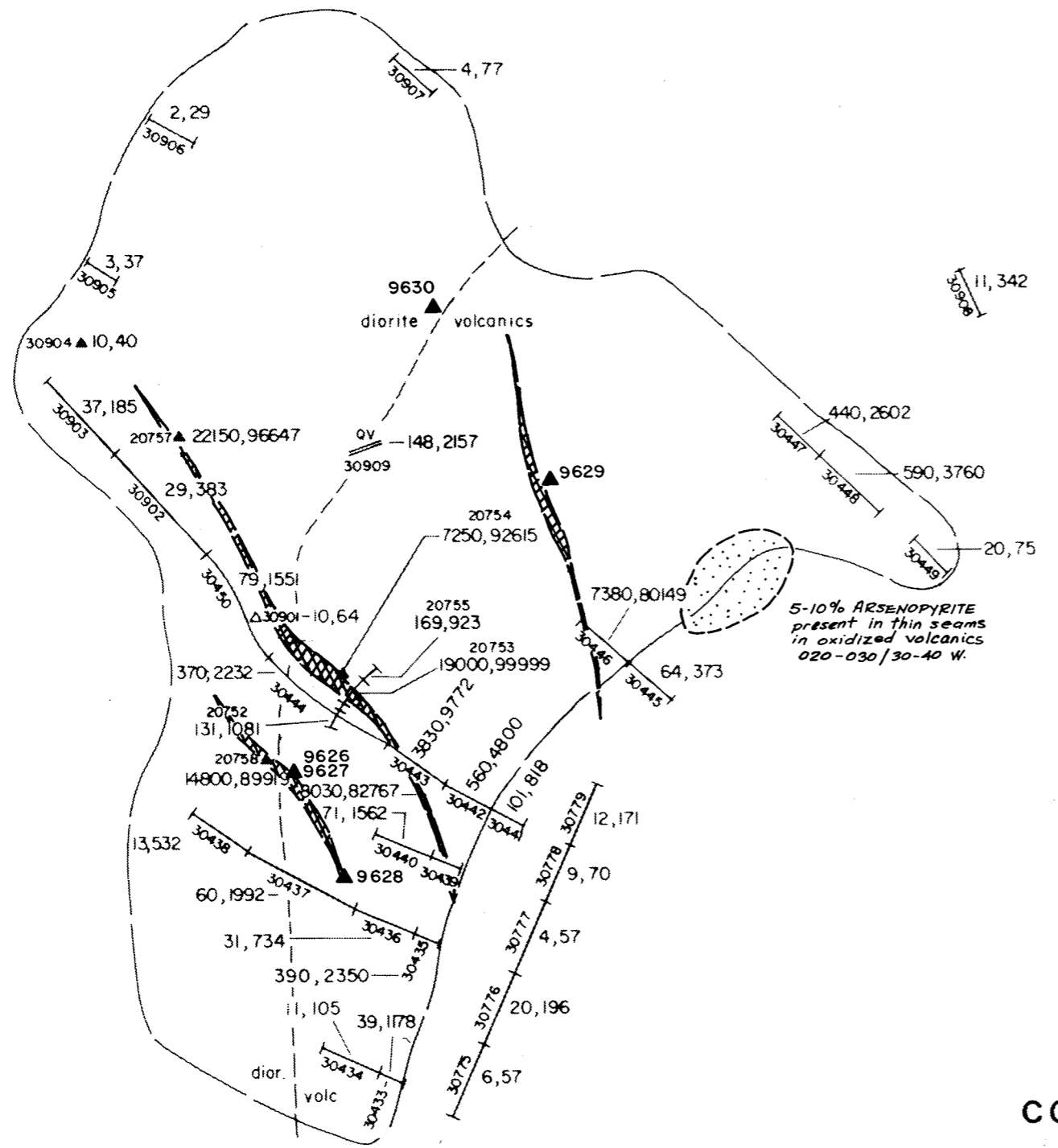
The Otis Showing (Figure 3) and the Moped Showing (Figure 4) are situated at or near the southern contact. The Otis Showing comprises arsenopyrite mineralization (up to 20-30%) occurring in fracture controlled veins or pods that constitute a stockwork. Within this stockwork two dominant orientations were noted, at 090-110° and 140°, with flat lying to vertical dips. Vein widths are commonly less than 8 cm and reach a maximum of 25 to 30 cm widths, 6 to 9m lengths. Trace to 1% pyrite occurs in the veins, with up to 3% in the highly fractured, sheared (locally schistose) and oxidized mafic volcanic. Outcrop exposure in the immediate area is limited to the showing itself. The stockwork zone is approximately 15m by 15m; it does not appear to be traceable to the west and is covered by overburden in other directions. Grab sampling by both Corona and Gold Fields has produced gold values in the range 0.3 to 0.7 oz/ton, whereas chip samples returned generally lower values. Maximum chip sample value is 0.5 oz/ton over 45 cm (Corona sampling). The size potential for this zone is considered limited.

The Moped Showing is similar in nature to the Otis in that arsenopyrite (up to 30-40%) occurs in the fracture controlled quartz (+ minor calcite) veins at dominantly 030° and 100°. Dips vary from 20% to vertical. Maximum vein width is 5-8 cm and maximum length is

LEGEND

- Limit of outcrop
- ▨ Arsenopyrite pod
- qv // Quartz vein
- |—|—| 30907 Chip sample / Sample No.
- ▲ 20757▲ Grab sample / Sample No.
- 20,75 Au-ppb, As-ppm
- ▲ Rock sample (1991)

SAMPLE #	TYPE	Cu ppm (%)	Ag ppm (oz/t)	Au ppb (oz/t)
9626	Grab	90	0.3	<0.393
9627	Grab	310	0.5	<0.651
9628	Float grab	130	0.5	<0.326
9629	Grab	207	0.2	<0.511
9630	Grab	370	37.0	510



BASE MAP AFTER JOHNSON & JONES (1990c)

OTIS SHOWING
COMPILATION MAP



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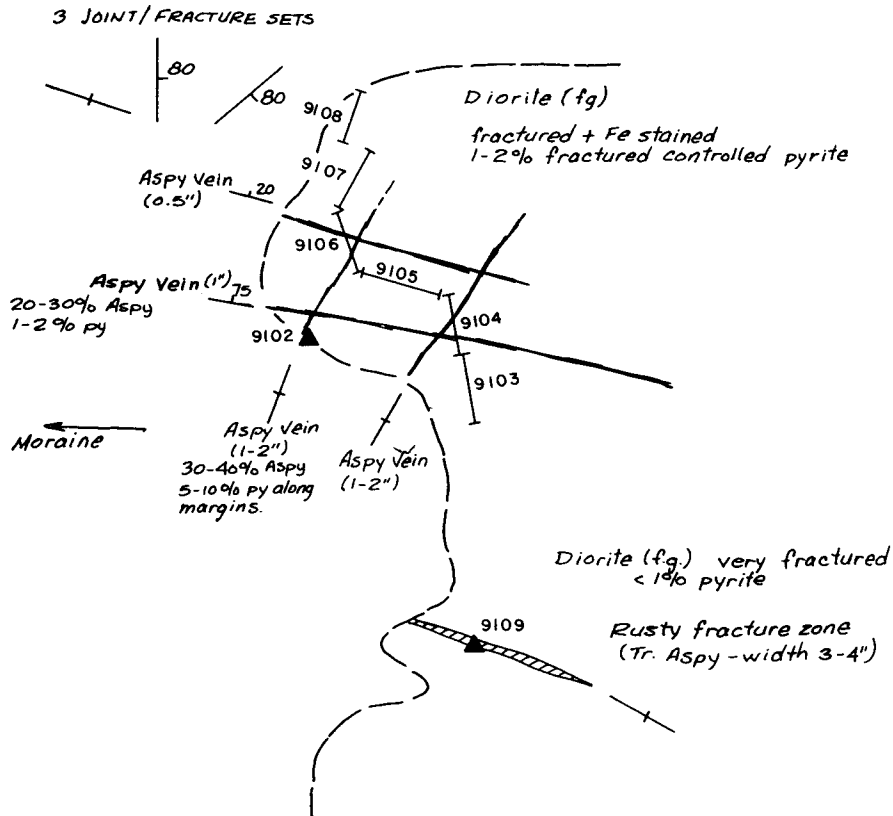
Figure 3
SCUD PROJECT
Liard Mining Division

**OTIS SHOWING
ROCK GEOCHEMISTRY**
British Columbia
NTS: 104 G/6

OCTOBER 1991 Drafting RWR



Moped Showing (Elev. 3460')



SAMPLE #	TYPE	Cu ppm (%)	Ag ppm (oz/t)	Au ppb (oz/t)
9102	Grab	12	0.9	<0.041
9103	90 cm chip	134	0.4	10
9104	90 cm chip	87	0.6	30
9105	1.2 m chip	65	0.4	20
9106	90 cm chip	100	0.4	nd
9107	90 cm chip	55	0.3	nd
9108	90 cm chip	177	0.8	nd
9109	Grab	333	0.8	nd



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Figure 4
SCUD PROJECT
Liard Mining Division
SKETCH MAP
MOPED SHOWING
British Columbia
NTS: 104 G/6

OCTOBER 1991

Drafting RWR

6m. Trace to 10% pyrite occurs along vein margins. Host rock is described as a fine grained diorite or possibly a mafic volcanic, fractured in a stockwork pattern similar to the Otic Showing. Results of sampling are disappointing and strike potential is considered limited.

Shear hosted semi-massive bornite +/- malachite, azurite, chalcopyrite and pyrite veins occur in the northwest corner of the claim (Figure 5) mostly within the volcanic formation near the granodiorite contact (within 10's of metres). Most trend 340° to 020° , are maximum 15 to 30 cm wide, discontinuous over 30m strike length and separated by several metres. The zone of veining extends some 550 metres along the strike of the contact. Previous sampling by Corona produced a value of 1.1 oz/ton gold and 10% copper. Sampling by Gold Fields yielded some interesting values (#9041 - 2.31% Cu, 0.061 oz/t Au over 15cm, #9052 - 4300 ppm Cu, 0.132 oz/t Au over 30cm; and #9054 - 2.83% Cu, 1.25 oz/t Ag and 0.082 oz/t Au over 30cm). Systematic mapping and sampling would be required to establish the viability of this area as a copper-gold deposit.

Silicified ankeritic zones within the gabbroic intrusive, trending 100° and up to 30m wide, contain pyrite +/- pyrrhotite +/- chalcopyrite. Mineralization is podlike, however, with no appreciable strike length. Sampling has not produced any values of significance.

Alicia Claim

Mineralization on this claim is similar in nature to the shear hosted copper mineralization described on Scud 1. The veins occur in andesite breccia and wedges of sedimentary rocks including argillite, siltstone, limestone and lenses of polymictic conglomerate. A monzonitic to dioritic intrusive is situated to the east, along the west margin of the Scud Glacier, and the andesitic rocks are in fault contact with sedimentary rocks to the west (Figure 5).

Up to 5% bornite, 10% chalcopyrite, 2% pyrite and minor pyrrhotite and covellite occur in quartz and quartz-carbonate veins up to 30 cm wide. Limonite, malachite, azurite and minor jarosite occur on weathered surfaces. The veins strike from 020° to 050° , dipping moderately ($50-70^{\circ}$) north.

Similar mineralization occurs as blebs and in quartz-carbonate stringers within shears as well. These shears, ranging to 15 cm in width, have no preferred attitude, although $022^{\circ}/90^{\circ}$ and $140^{\circ}/90^{\circ}$ seem to be more common measurements.

Mineralized shears cannot be traced for more than 25 m. Mineralized veins range to 50 m in strike length. One particular set of veins consist of a 30 cm wide mineralized quartz vein, with a 1.8 m propylitized hangingwall (andesite) and a 25 cm wide quartz-carbonate vein above that. The whole package trends $050^{\circ}/63^{\circ}$ NW and can be followed for 50+ m along strike. This mineralized quartz vein

contains 10% chalcopyrite blebs, 2% pyrite and abundant malachite/azurite staining. The bornite-covellite mineralization appears to be more confined to the shears.

Sampling in this area produced a high of 14.1% copper and 4.67 oz/ton silver from a grab sample, while the highest chip sample values was 1.42% copper over 2.0 m (#9781). Gold does not appear to be associated with this zone.

Scud 3-8 Claims

Sampling throughout this area has produced only a few isolated copper anomalies which do not appear to be related to features with any size potential. Fractures, shears, vein, veinlets and pyritic host rocks of various types were grab sampled, including weakly pyritic argillites interbedded with limestones, and numerous gossan/ankerite zones similar to those mentioned previously (Figure 6).

Scud 10 Claim

Mineralization on Scud 10 is in the form of pyrite+chalcopyrite +mariposite+bornite bearing shear zones. Corona also reports tetrahedrite, covellite and arsenopyrite although none of these were identified by Gold Fields. The mineralization is associated with an intense ankeritic/limonitic zone that strikes north-northwest and dips 45° east to vertical. The main, intensely altered zone appears to be a fine-grained diorite/trondjemite (possibly subvolcanic) at

the margin of a coarse-grained porphyritic monzonite. The zone is characterized by strong, silicified cross fractures that locally host 30 cm wide quartz-calcite veins within wider (3-6 m) intensely altered ankeritic zone. These cross-cutting zones carry mineralization similar to the main zone and can extend up to 10's of metres into the unaltered rocks on either side of the main ankeritic zone. The main ankeritic zone is at least 5 m wide but may be up to 15 m wide near the north end of Scud 10 where there are several parallel flanking zones. The main zone is traceable for 1.6 km on Scud 10, and the presence of other gossans to the north suggests it could extend another 1.6 km to the north. It disappears under a glacier to the south. The mineralization tends to be fracture-controlled, locally disseminated and appears to be very erratic and spotty. Corona sampling returned values up to 2% copper and 0.07 oz/ton silver but with negligible gold values. The samples collected in 1991 failed to produce significant values with the exception of #9701 (0.15% copper and 30 ppm silver, Figure 6).

Scud 11-14 Claims

Several samples were collected in the southern part of the property (Figure 7), primarily in what appears to be intrusive phases, however no significant results were received. Sampling focused on shears, veins and pyritized/altered host rocks in an effort to evaluate potentially economic occurrences.

All rock sample descriptions appear in Appendix I and certificates of analysis can be found in Appendix III.

GEOCHEMISTRY

A total of 257 rock and 41 soil samples were submitted to Vangeochem Labs in Vancouver, B.C. for analysis. All rock samples were analyzed by fire assay/atomic absorption for gold, most were analyzed by atomic absorption for copper and silver and selected samples were analyzed by inductively coupled plasma spectrophotometry for 28 elements. One sample was also analyzed for lead and zinc. Samples with significant copper, silver and/or gold values were assayed. Soil samples were analyzed by atomic absorption for copper, silver, gold and arsenic. Analytical procedures are detailed in Appendix II.

Rock samples were collected in plastic bags, tagged and the corresponding number written on flagging at the sample site. Soil samples were collected into gusseted kraft paper bags, using a mattock, from the B horizon at a depth of 15 to 20 cm.

CONCLUSIONS

Evaluation of the Scud claims in 1991, together with information gathered in previous exploration programs by Corona Corp. in 1988 and 1989, has led Gold Fields Canadian Mining Limited to suggest that the property constitutes a copper target (\pm gold and silver values) rather than a precious metals occurrence of any significance.

Elevated precious metal values are generally restricted to narrow veins or structural features with limited strike potential. Any further work on the property would likely be directed at the northern part of the Scud 1 claim and across to the Alicia claim with a view to evaluating in more detail this area's potential to host a large tonnage, low grade copper deposit.

STATEMENT OF COSTS

General Costs

Mobilization (crew wages & helicopter)	\$ 8,032.24
Freight & Communication	587.08
Camp Costs (supplies, groceries, expediting equipment rental)	4,546.01
Engineering, Supervision & Administration	<u>2,068.50</u>
Total General Costs	<u>\$15,233.83</u>

These costs are allocated to claim group S-1, S-2 and S-3, according to mandays allocated to each group specifically, as follows:

S-1	27%
S-2	39%
S-3	34%

The respective amounts for each of the above categories appears in the cost summary for each group as follows:

S-1 CLAIM GROUP

Mobilization		\$ 2,168.71
Wages:		
Bill Bond (geologist)	3.5 days @ \$320/day	1,120.00
Ian Dunlop (geologist)	1 day @ \$170/day	170.00
Marco Vanwermeskerken (geologist)	4 days @ \$360/day	1,440.00
Ed Montgomery (prospector)	2 days @ \$350/day	700.00
Helicopter	5.3 hrs @ \$685.80/hr.	3,634.74
Camp Costs		1,277.42
Freight & Communications		158.51
Analytical Costs	58 rocks @ \$14.89/sample	863.62
Engineering, Administration & Supervision		<u>558.50</u>
Total S-1 Claim Group		\$12,091.80

- required for assessment credit = \$10,000.00
 - balance to P.A.C. = 2,091.80
 (Akiko Lori Gold Resources Ltd.)

S-2 CLAIM GROUP

Mobilization		\$ 3,132.57
Wages:		
Bill Bond (geologist)	1.25days @ \$320/day	400.00
Ian Dunlop (geologist)	4 days @ \$170/day	680.00
Marco Vanwermeskerken (geologist)	1.5 days @ \$360/day	540.00
Ed Montgomery (prospector)	3.5 days @ \$350/day	1,750.00
Reid Mackie (field assistant)	5 days @ \$270/day	945.00
Helicopter	4.0 hrs @ \$685.80/hr.	2,743.20
Camp Costs		1,772.94
Freight & Communications		228.96
Analytical Costs	59 rocks @ \$14.89/sample	878.51
	41 soils @ \$14.00/sample	574.00
Engineering, Administration & Supervision		<u>806.71</u>
Total S-2 Claim Group		\$14,451.89

- required for assessment credit = \$ 4,000.00
 - balance to P.A.C. = 10,451.89
 (Akiko Lori Gold Resources Ltd.)

S-3 CLAIM GROUP

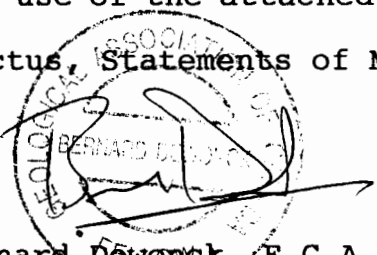
Mobilization		\$ 2,730.96
Wages:		
Bill Bond (geologist)	1.25days @ \$320/day	400.00
Ian Dunlop (geologist)	5.5 days @ \$170/day	935.00
Marco Vanwermeskerken (geologist)	2.25days @ \$360/day	810.00
Ed Montgomery (prospector)	4 days @ \$350/day	1,400.00
Reid Mackie (field assistant)	.5 day @ \$270/day	135.00
Helicopter	2.0 hrs @ \$685.80/hr.	1,371.60
Camp Costs		1,545.64
Freight & Communications		228.96
Analytical Costs	140 rocks @ \$14.89/sample	2,084.60
Engineering, Administration & Supervision		<u>703.29</u>
Total S-3 Claim Group		\$12,345.05

- required for assessment credit = \$ 4,800.00
 - balance to P.A.C. = 7,545.05
- (Akiko Lori Gold Resources Ltd.)

STATEMENT of QUALIFICATIONS

I, Bernard Dewonck, of 11931 Dunford Road, Richmond, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1974) and hold a BSc. degree in geology.
2. I am an independent consulting geologist retained by OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. This report is based on a review of information listed in the Bibliography, field data supplied by Gold Fields Canadian Mining Limited and knowledge of the area.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the Scud Project or in the securities of Akiko Lori Gold Resources Ltd. or any of their subsidiaries.
8. I consent to and authorize the use of the attached report and my name in the Companies' Prospectus, Statements of Material Facts or other public document.


Bernard Dewonck, F.G.A.C.
Consulting Geologist

DATED at Vancouver, British Columbia, this 15th day of October, 1991.

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JOHNSON, D. and JONES, PAUL W.

1990c: Geological Report on Scud #10, 11, 12 and 13 Claims, Liard Mining Division (October, 1990).

JONES, PAUL W.

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JONES, PAUL W.

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JONES, PAUL W.

1989c: Prospecting Report on Scud #11, 12, 13 and 14 Claims, Liard Mining Division (October, 1989).

APPENDIX I
ROCK SAMPLE DESCRIPTIONS

SCUD PROJECT

1 of 36

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9026	July 12/91	SE Scud 5	arkose/wacke poss. volc. tuff	- weakly chloritic well banded - weakly fractured with local Fe staining	± 1% pyrite	
9027	"	"	f.g. volc./sed	- rusty shear 020°/80° E - local leucocratic/feldspathic material	1-2% dissem. pyrite	
9028	"	"	volc./sed at gabbro contact	- silicified, epidatized - possible skarn - minor hornblende & garnet, no visible sulphides		
9029	"	"	f.g. sed./volc.	f.g. leucocratic vein 010°/75° E moderate Fe stain	1-5% pyrite, spylite?	
9030	"	"	int./felsic volc	well fractured, local Fe stain	< 1% dissem. pyrite	
9032	"	E Scud 5	very f.g. int. volc./sed	- almost aphanitic, strong Fe staining on fractures	3-4% very fine grained pyrite in fractures	
9031	"	E Scud 5 850m N & LCP	int./felsic volc	- fine grained weak bedding (?) strong Fe stain - ankerite?	< 1% fine grained dissem. pyrite	
9033	July 13/91	Scud Robyn 3840' elev	quartz diorite	- highly altered zone, 1.2 m wide, 110/20-30° S - very friable ankerite	< 1% dissem. pyrite	
9034	"	" 3960' elev	"	- highly altered, friable - strong Fe stain 1.2 m wide azim 110°	1-2% very f.g. pyrite	

SCUD PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC- 9035	July 13/91	Swd + Robyn 4010' elev.	mafic dyke x-cutting quartz diorite	- dyke in f.g. 080/70° S - dyke relatively unaltered	1% f.g. spotty pyrite + cpy (?)	
9036	"	Swd / 4600' elev.	quartz diorite - granodiorite	- strong Fe staining - highly altered	< 1% f.g. dissem. Py	
9037	"	" 4400' elev.	quartz diorite	- highly altered, adjacent to f.g. mafic dyke 080-070/sub 90° - strong pervasive Fe staining - occasional fine Qtz stringers	1% f.g. dissem. py	
9038	"	4120 " 4120' elev.		- gossan/shear zone adjacent to f.g. mafic dyke 090°/60-70° S - strong Fe carbonate - numerous fine ineq. Qtz stringers	1-2% very fine grained pyrite, both in fractures and dissem.	
9039	"	" 3720' elev.	Qtz diorite/ mafic volc. contact	- minor chlorite + hematite alteration 050-060°/90°	1% f.g. dissem. py	
9040	"	" 3810' elev.		- 6m S. of diorite/volc. contact - highly silicified pink (feldspar?) band cutting horizontally across volc., 15-45 cm wide, weakly fractured	1% py & cpy (?)	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9041	July 13/91	Scud 1 3810' elev 1.5m above #9040		- 15 cm chip sample - massive bornite-malachite- chalcocite vein 10-15 cm wide, avg 180°/90°, minor cpy - some flooding into host rock - lost in OB at top, snow at bottom		
9042	"	" 3810' elev. 30 cm W of #9041		- 30 cm chip sample - medium grained mafic volc, numerous pyroxene grains - strong patchy epidote alt'n. - numerous bornite-cpy- malachite stringers & blebs - 20-30%.		
9043	July 14/91	" 4380' elev.	K-spar porphyry dyke cutting mafic volc.	- 1.3 m wide dyke 010°/85W - fine to medium grained, minor hematite alteration	< 1% dissemin. py.	
9044	"	4380 " 4350' elev.		- cpy malachite smear on vertical cliff face adjacent to shear zone - 60 mm thick, 065°/90°		
9045	"	" 4350 elev	" vein"	- quartz vein 10-15 cm wide along S. margin of 1.2 m wide shear zone - vein is anhedral masses of qtz and feldspar crystals	1-2% cpy + malachite	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9046	July 14/91	Scud 1 4350' elev.		- 30 cm chip sample - sulphide portion of above shear zone 065°/90° - numerous quartz stringers	- 20-30% cpy, minor malachite and bornite	
9047	"	" 4350' elev.	mafic volc.	- 90 cm chip sample, adjacent to #9046 - remainder of shear 060-070°/90° - rare fine quartz stringers	- 1-2% fine grained stringer and dissem. pyrite cpy	
9048	"	" 4370' elev.	mafic volc.	- narrow (40-80 mm) qtz carb. vein 330°/90°, minor Fe carb along margins	< 1% fine grained dissem pyrite.	
9049	"	440 " 4250' elev	mafic volc/ pyroxenite	- FLOAT from talus slope - strong Fe staining	5-10% pyrite + pyrrhotite. blebs & stringers	
9050	"	" 4300' elev.	"	- from north cliff face 15m above talus slope - Fe stain on weathered surface	1-2% f.g. pyrite, trace chalcocite + malachite	
9051	"	" 4300' elev.	mafic volc.	- 15m west of #9050 along cliff face - very fine grained, moderately silified, minor Fe stain	1-2% stringer cpy, trace pyrite	
9052	"	" 4270' elev.		- 30 cm chip sample - same shear covered by #9044-47 065°/60-70°N	- semi massive bornite, malachite, minor cpy + chalcocite.	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9053	July 14/97	Scud 1 4150' elev.	mafic volc. near diorite contact	- fine grained moderately silicified - weak hematite + Fe staining - weakly to moderately fractured	1% fine grained pyrite, trace cpy + malachite	
9054	"	" 3900' elev.	"	- 30 cm chip sample across same shear as #9040-42, opposite side of hill, 340°/85°W	abundant bornite, chalcocite malachite, lesser cpy	
9055	"	"	mafic volc.	- gossan strong Fe stain ankerite?, minor fine quartz stringers	1% fine grained dissem. pyrite	
9056	"	" 3900' elev. same as old #30964	"	- gossan on cliff face at top end of draw - strong Fe staining, moderately fractured, mod. to well silicified	1% f.g. dissem. and fracture controlled py, locally 2-3%	
9057	"	" 3860' elev.	"	- gossan, strong Fe staining well fractured.	10% pyrrhotite, 5% py minor cpy, malachite	
9058	"	" same as old #30964	f.g. mafic volc.	- gossan, strong Fe staining - weak - moderate silicification - weak fracturing	3-5% py, lesser cpy	
9059	"	" same as old #30964	"	- adjacent to gossan, relatively unaltered, minor Fe staining	1-2% f.g. + fracture controlled pyrite.	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC9060	July 15/91	Scud 3 4140' elev.	mafic volc.	- 1.5 m chip sample - gossan / ankerite zone 6-9 m wide at 040° - strong Fe staining, moderate silicification, numerous fine quartz carbonate veins at 040 to 080°	1-2% f.g. dissem. and fracture controlled py.	
9061	"	" 4140' elev.	"	- 30 cm chip sample within above sample - strong ankeritic zone - host well brecciated with numerous angular fragments - strong silicification, possible malposite (?), abundant fine qtz stringers	2-3% very f.g. dissem. and fracture controlled pyrite	
9062	"	" 4140' elev.	"	- fine grained volc. adjacent to gossan, moderate Fe staining on weathered surface and fractures, weak to moderate silicification	1% fine grained dissem. pyrite	
9063	"	" 4140' elev.	qtz / carb. vein	- 5 cm wide vein within gossan / ankerite zone, 065°/80° S - strong ankerite along margins	2-3% dissem. pyrite	
9064	"	" 4120' elev.		- gossan / ankerite zone well brecciated, strong silicification	1-2% f.g. pyrite	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9065	July 15/91	Scud 3 4170 elev.	mafic volc.	- FLOAT from talus slope 9m below gossan in #9060-63 - strong brecciation with Fe carb. infilling, numerous fine qtz carbonate veinlets	3-5% dissemin. and fracture controlled pyrite, locally 5-10%	
9066	"	4120' elev	"	- fine grained, between major gossans - weak to moderate silicification - minor Fe staining, rare qtz stringers	< 1% fine grained dissemin. pyrite	
9067	"	" 4040' elev.	"	- 5-15 cm qtz carb. vein 110°/65°N - locally vuggy, strong Fe stain along margins	3-5% pyrite, lesser epithermal malachite, bornite.	
9068	"	" 4000' elev.	"	- 30 cm highly siliceous band 040°/40°NW, moderate Fe stain on surface	1-2% very fine dissemin. pyrite, locally 2-3%	
9069	"	" 3880' elev.	"	- 1.2 m chip sample from large gossan/ankerite zone overall trend 040° - numerous qtz carb. veins at 040° to 080° occasional sections of strong brecciation & Fe carb. infilling	1-2% fine pyrite overall	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9070	July 15/91	Scud 3 3860' elev.		- 90 cm. chip sample from gossan/ankerite zone - dark grey - black weathered surface/patches Fe stain - strong silicification local mariposite (?), numerous fine qtz carb veinlets	2-3% f.g. pyrite locally 3-5% pyrite	
9071	"	" 3850' elev.		- 60 cm. chip sample similar to *RC 9070, 15m to north	2-3% f.g. pyrite, locally 3-5%	
9072	"	" 3850' elev.		- 60cm. chip sample from 60-90 cm gossan/siliceous band 090-090/80°N, light grey/red	1-2% very fine grained pyrite	
9073	"	" 3900' elev. same as dd #30296		- 90 cm. chip sample from gossan/ankerite zone at 040° - strong Fe staining, moderate silicification, numerous qtz carbonate veinlets 030° to 080° - well fractured	2-3% pyrite, trace cpx	
9074	"	" 4095 3930' elev.		- 90 cm. chip sample from gossan/ankerite zone at 040° - sample is across shear/fault zone 095°/70°N - numerous fine qtz stringers	2-3% dissem. pyrite	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9075	July 15/91	Scud 3 4090' elev.		- 90cm chip sample from ankerite/shear zone - strong Fe staining, numerous quartz veinlets 066°/90° up to 15cm, strong silicification	2-3% f.g. pyrite	
9076	July 16/91	Scud 13 2440' elev.	f.g. mafic volc.	- FLOAT from river bed (angular) - strong Fe staining on weathered surface, minor qtz veining, moderate-strong silicification.	1-2% f.g. dissem. pyrite.	
9077	"	" 2600' elev.	med. g. mafic volc./diorite	- dark green, weak carbonate massive - slightly to mod. foliated 070°/90°, rare veining, moderately magnetic	< 1% f.g. dissem. py	
9078	"	" 2710' elev.	"	- massive dark grey/green weak carbonate, moderately magnetic, rare qtz veining	1% f.g. dissem. pyrite	
9079	"	" 3050' elev.	medium grained diorite	- 25cm shear zone 070°/90° SE - bluff above rock slide - moderately magnetic, weak carb. well foliated in shear with minor qtz veining.	1% f.g. dissem. pyrite	
9080	"	" 3100' elev.	mafic volc.	- FLOAT from river bed (angular) - strong Fe staining, silicification - numerous qtz filled line fractures	3-5% fracture controlled and dissem. pyrite	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9081	July 16/91	Scud 13 3360' elev.	fine-med. gr. diorite	- dark grey to green massive - mod. magnetic, weak carb. minor veining	1% f.g. dissemin. pyrite	
9082	"	" 4070' elev.	mafic volc/ diorite	- strongly serpentinized → jade - numerous fractures and fine shears 170°/80°-E, mod. magnetic	1% f.g. dissemin. pyrite	
9083	"	" 4350' elev.	mafic volc./ tuff	- strong Fe staining on weathered surface, well fractured with fine carb. infilling, locally sil.	2-3% f.g. dissemin. and fracture controlled pyrite.	
9084	"	" 4320' elev	Tuff	- 1.5m chip sample across band of jnt. to felsic tuff in mafic volc. - well bedded, strong sil., abundant fractures fine qtz veins // bedding 075/70 S	1-2% very f.g. dissemin. pyrite	
9085	"	" 4320' elev.		- sheared margin of above tuff 8-15cm wide - strong Fe carb., very friable, abundant fine qtz stringers	2-3% f.g. and stringers pyrite.	
9086	"	" 4440' elev. 15m W of LCP for Canyon 13719	mafic volc./ tuff	- FLOAT 100m from toe of glacier - strong Fe stain, mod-strong silicification, moderately fractured with qtz carb infilling	3-5% pyrrhotite 2-3% pyrite.	

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Sample:	Date:	Location:	Lithology	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9087	July 16/91	Scud 13 4420' elev.	diorite	- massive, ankeritic mod. fractured with Fe carb in filling az. 120-140°	2-3% f.g. dissem and fracture controlled pyrite	
9088	July 17/91	Scud 14 4500' elev.	granodiorite	- medium grained, massive to weakly foliated, jointed 180/75° E - minor carb., local spotty epidote - minor Fe stain on fractures	1% f.g. dissem. pyrite	
9089	"	" 4460' elev.	shyolite	- FLOAT from moraine below toe of glacier - orange-pink angular fragments - massive, very siliceous, conchoidal fractures	2-3% very f.g. dissem. pyrite.	
9090	"	" 4450' elev.	mafic volc.	- dark green, fine grained - 30 cm chip sample of highly sheared material 180°/90° - strong chlo + Fe carb, numerous fine qtz carb fracture fillings	2-3% fracture controlled pyrite, locally 3-5%	
9091	"	" 4460' elev.	mafic volc.	- 90 cm chip sample from 1.5- 3m shear zone 355°/50° E - strong Fe carb, very friable, numerous fine qtz carb. veinlets	1-2% f.g. and stringer pyrite.	
9092	"	" 4450' elev.	mafic volc.	- 15cm chip sample of qtz vein/ breccia zone 280°/90° - strong Fe carb, abundant mariposite (?)	1-2% f.g. dissem and fracture controlled py locally 3-5%	

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
Rc 9093	July 17/91	Scud 1 4510' elev.		- 1.2 m chip sample from 1.5-1.8 m gossan /ankerite zone 065°/90° - strong Fe carb., abundant qtz veining	2-3% f.g. dissem. and fracture controlled pyrite	
9094	"	Scud 2 4900' elev.	mafic volc.	- FLOAT sample on top of moraine adjacent to glacier - strong Fe staining - red-purple weathering abundant fine qtz carb. veinlets	2-3% fracture controlled pyrite, locally 3-5%	
9095	"	Scud 4 5000' elev.	mafic volc diorite (?)	- dark green, very fresh, massive local patchy epidote alt'n.	< 1% pyrite	
9096	"	" 4950' elev.	diorite dyke in mafic volc	- med-dark grey, massive 110°/85°S, minor carb.	< 1% pyrite	
9097	"	" 4850' elev.	mafic tuff	- poorly defined bedding, fractured at 100-110/80°S, - weak to mod silicification, local hematite	1% f.g. dissem py.	
9098	"	Scud 3 4730' elev		- 1.2 m chip sample across gossan /ankerite zone below toe of glacier trend 070° - strong Fe staining, very f.g. mafic host strong precipitation with Fe carb infilling	2-3% f.g. dissem. and fracture controlled py	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC9099	July 17/91	Scud 3 4710' elev.		- 30 cm chip sample from same zone as #9098, 15m downhill - highly siliceous, banded appearance	2-3% very f.g. pyrite	
9100	"	" 4720' elev.		- 30 cm chip sample from ankerite/gossan zone 065° - strong Fe stain, numerous qtz veinlets, local silicification	1-2% f.g. pyrite	
9101	"	" 4800' elev.		- 90cm chip sample across gossan/ankerite zone 070° - strong Fe stain, numerous fine qtz carb veinlets, host completely alt. - no textures	2-3% f.g. pyrite	
9102	July 18/91	Scud 1 Moped Sh.		- 020/75-90° W, 2.5-5cm width; lesser py mainly along margins where strong Fe carb.		
9103	"	"	diarite	- 90cm chip sample across fractured + Fe stained diarite	1-2% fracture concentrated pyrite	
9104	"	"		- 90cm chip sample		
9105	"	"		- 1.2 m chip sample		
9106	"	"		- 90cm chip sample		

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9106	July 18/71	Moped Showing		- 90 cm. chip sample		
9107	"	"		- 90 cm. chip sample		
9108	"	"		- 90 cm. chip sample		
9109	"	"	diorite	- rusty fracture zone to 120°/90° 15 cm wide, strong Fe stain abundant Qtz veining	1-2% f.g. pyrite	
9110	"	Scud 1 3630' elev same as old #3078/1	"	- highly siliceous zone 30cm wide 095°/95° S - strong Fe stain, banded appearance - possible tuff	1-2% f.g. + fracture controlled py.	
9111	"	" 3650' elev	diorite / Qtz. diorite	- 15cm. chip sample across narrow shear 010°/60° W - strong Fe stain on fracture, local Qtz stringers	3-5% diagen + fracture controlled pyrite	
9112	"	" 3560' elev	"	- same shear as above 010°/65° W, 13cm wide	5-10% spotty + stringer pyrite	
9113	"	" 3910' elev	alt. diorite	- 1.8-2.4 m wide shear zone 085°/90° 085-90°/60-70° N, foliation within is 135°/90° left hand movement - grab 30cm S. of central vein	1-2% py + aspy	

Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9114	July 18/9	Scud 1 3910' elev.	alt. diorite	- 15cm chip sample of aspy shear in centre of wide zone, shear 8-10cm. 035/65°N - strong veining within zone, very chloritic, strong Fe carb.	10-20% aspy stringers 3-5% py.	
9115	"	" 3910' elev.	"	- as above, other side of aspy vein from #9113 (60cm N of vein)	2-3% fig. and stringers pyrite + aspy	
9116	"	" 4250' elev.	"	- narrow sulphide shear, 5-8cm, 020°/70°W - abundant qtz veining, strong silicification of host	5-10% pyrite 2-3% malachite 1% arsenopyrite(?)	
9117	"	" 4250' elev.	"	- adjacent to #9116, siliceous, light green colour, conchoidal fracture	3-5% fig. & spotty arsenopyrite, minor py.	
9118	July 20/9	" 5100' elev.		- gossan/ankerite zone top of cliff face above glaciers 100°/60°N - strong Fe stain, mod. strong silicification of host, strongly fractured, locally friable	1-2% fracture controlled pyrite	
9119	"	" 5100' elev.	magic volc.	- sample 3m below #9118, dk. green fine-med gr. weakly fractured Fe stain, minor carb. local epidote	< 1% dissemin py locally 1-2%	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9120	July 20/91	Sand ' 5050' elev.		- gossan/ankerite zone on top of cliff 110°/50-60°N strong Fe stain, totally altered strongly fractured (all directions) mod sil'n	1-2% f.g. and fracture controlled pyrite	
9121	"	" 5050' elev.		- same as above, strong incrustation of host with Fe carb. infilling - locally pitted & suggy, strong Fe stain, Mn	1-2% f.g. and fracture controlled pyrite	
9122	"	" 5050' elev.	mafic volc / diorite	- 3m below above samples - fine-med. grained, dark green, strongly fractured, minor Fe stain local epidote	< 1% f.g. pyrite, locally 1-2%	
9123	"	" 5190' elev.	mafic tuff / tuff breccia	- dark green, abundant angular and rounded clasts of numerous comp. (volc. dior. porph) in dioritic matrix - weak carb, massive, rare veining minor Fe stain		
9124	"	" 5000' elev.		- zone as sampled by #9118, #9121 fractured 045°/90°	1-2% f.g. and fracture controlled pyrite	
9125	"	" 4910' elev.	mafic volc	- 60 cm chip sample of gossan within mafic volc., strong Fe stain on fractures, strong chlorite host is black, well fractured	2-3% fracture controlled pyrite locally 3-5%	

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9126	July 21/91	Scud 3 4400' elev.	limestone/ greywacke (maf. tuff?)	- interbedded each up to 30 cm thick - numerous gossans/shears // to bedding 120°/20-30°N	3-5% dissem & stringer pyrite in gossans	
9127	"	" 4430' elev.		- qtz carb vein/shear zone 5-10 cm wide 090/20°N banded appearance - fine argillite seams, well fractured	2-3% pyrite, locally 3-5%	
9128	"	" 4430' elev	limestone/sed.	20-25 cm qtz carb vein // to bedding, weakly - mod fractured local Fe stain	2-3% f.g. dissem pyrite along margins 2-3% f.g. grey metallic in vein - telluride?	
9129	"	" 4510' elev.	limestone/sed.	- numerous gossan bands up to 30 cm. - composite chip ± 90 cm - abundant biotite on fracture planes, strong Fe stain on bedding surfaces	3-5% dissem & fracture controlled pyrite	
9130	"	" 4510' elev		- gossan zone in stream bed 080°/25°N, well fractured strong silin, weak hematite(?) spotty light green opaque mineral	1-2% f.g. pyrite	
9131	"	" 4530' elev	dark sed/maf. tuff	- composite chip over 60 cm - well banded, adjacent to gossan/ fault zone, strong silin, carb along fractures & bedding planes	2-3% pyrite, locally 3-5% assoc. with fault zone	

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9132	July 2/91	Scud 3 4510' elev.		- gossan zone in stream bed 1.5m E of #9130, close to margin of zone - highly altered and friable, strong veining	2-3% pyrite, 2-3% f.g. grey metallic mineral	
9133	"	" 4590' elev.	limestone	- folded beds adjacent to mafic volc, totally replaced by qtz - strong veining,ankerite/Fe stain well fractured	1-2% very f.g. fracture controlled pyrite.	
9134	"	" 4610' elev.		- narrow magnetite rich band adjacent to limestone 120-140/30° NE - weak carb, minor fracturing	<1% dissemin. pyrite	
9135	"	" 4630' elev.	mafic volc. Huff	- dark green, med. chloritic, local Fe stain, numerous fine ineq. qtz stringers	1-2% f.g. pyrite, 2-3% malachite (locally 3-5%)	
9136	"	" 4100' elev.	argillites/limestone	- qtz vein, 140°/30° NE 5-30 cm. pinch & swell	3-5% f.g. & stringer pyrite lesser pyrrhotite, trace cpy.	
9626	July 10/91	Otis Showing	mafic-int ^g volc. ?	- fractured, rusty sulphides from heat sulphide zone at 120° (3-4% to 10-20%)	aspy >> py + ?	
9627	"	" 60cm below 9626	"	fractured (doubly), mod semi massive sulphide, fairly fresh samples	15-20% aspy + galena?	

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9628	July 10/91	Otis Showing		- grab from rubble, light yellow-green alt'n., hematite stain fairly well weathered	10% aspy + ?	
9629	July 11/91	3m E fold #30909 (Otis Showing)	mafic volc.	- highly fractured mafic volc./gossan - light yellow-green alt'n., strong Fe stain very friable - flat lying, N-S strike (?)	5-10% aspy	
9630	"	Otis Showing 60cm from margin	mafic-int. volc.	- fine grained, weakly siliceous? - fractured	1-2% embeddable fr. dissem aspy >> py	
9631	"	E of Otis Showing 3640' elev.		fracture, 110°, unkeritic up east side of Otis Fault		
9632	"	" 3670' elev	gabro	FLOAT sample of fractured gabro, copper stain on fracture surface	coarse gr. pod of py + cpy * locally dissem 1-2%	
9633	"	"	"	massive, med. grained	2% dissem py & 4% cpy	
9634	"	" 3670' elev.		sheared, semi massive - massive aspy		
9635	"	E of Otis Showing 3730' elev. S side of shear		110° contact of carb./ankerite zone 50% ankerite 50% sub volcanic?	3-5% pyrite	
9636		15m up from #9635		ankerite + magnesium coated surfaces (< 1-2%)		

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9637		45-60 m S of Otis Shear 470' elev	gabbro	- fractured, epidotized, dominant fractures 110-180°		
9638		30-45 m S of # 9637 same elev.	"	- massive med. grained	med-coarse gr. Py blebs	
9639		35 m S of #9638 4140' elev.	"	" " " FLOAT	3-5% dissem. pyroxenite	
9640		90-120 m S of #9639	"	- " " fine grained, magnetic	1-3% fracture controlled sulphides	
9641		65 m SSW of # 9640 4050' elev.		gossan: pod like zone 1.5-2.5 m long x 60-90cm across	3-5% dissem pyroxenite	
9642		+350 m S of Otis Shear 3900' elev.	gabbro	siliceous, fine grained, from rusty gossan zone	5-10% dissem py + cpy, + pyroxenite (L/A)	
9643		3 m S of #9642	"	"	"	
9644		Scud 5	int. vol. or sed.	- diatitic, no bedding apparent - ≈ 5% silicification, epidote diffuse vein weathered on surface		
9645		" 9 m. E of #9644	gabbro "	- diatitic, no bedding.		

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Sample:	Date:	Location:	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis:
RC 9646		Scud 5	int. felsic vdc.	- fractured minor carb. veins - ± 3m from sed. contact	trace pyrite?	
9647		" 1.5m W of #9646	"	- as above more thin calcite veins (<1-2%) - taken within 1.5m of biotitic unit	trace - 1% pyrite	
9648		Scud 10 1st draw N. side	intrusive	- ankeritic fine grained + 10% qtz	medium - c.g. blebs of py + cpy 3%	
9649		" 6m up from #9648	"	- composite chip over 60cm - ankeritic, no qtz	1 or 2 blebs of cpy	
9650		" 45m N of #9649	"	- 30cm qtz carb vein	trace pyrite	
9651	July 13/91	" 3m below #9650	"	- siliceous zone in middle of ankeritic zone	5-8% pyrite	
9652	"	"	"	- 60cm chip sample		
9653	"	" 30m N of #9652 other side of river	"	20cm chip sample of spear with 5% qtz + ankerite 110°/80-90 N		
9654	"	" 4730' elev.	andesite	- very fine grained	5-10% py. + ~1% pyrrhotite in stringers	

SCUD PROJECT

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9655		Scud 10 4050' elev. mouth of glacier valley	int. intrusive	- f.g. - med grained	5-8% dissem pyrite + pyrrhotite.	
9656		"	"	- 1.4m composite chip of gossan	3-5% dissem. and fracture controlled py+ps	
9657		" near #1604 N edge of glacier valley	diorite	- siliceous zone is fractured diorite - 50cm chip channel	5-15% pyrite, trace malachite stain.	
9658		" 30m N of #9657	"	- intenseankerite, weakly siliceous	1-3% dissem. pyrite	
9659		" across from waterfall on N side of glacier	"	- very fine grained to fine grained, weakly siliceous, strong sulphide stain 110° trend		
9660		" 6m up from #9659	diorite(?)	- massive, weakly siliceous	< 1% py ± cpy	
9661		" 3530' elev by waterfall	"	- 75cm chip channel of highly ankeritic diorite (Pencroatic)		
9662		"	"	- siliceous(?) ankeritic, with diffuse greenish tinge (mariposite of sericite)	trace pyrite	

SCUD Project

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9663	July 14/91	Scud 10 waterfall carb zone		- 90cm chip channel - highly ankaritic minor calcite veins (< 3%)	spotty malposite 3-5%	
9664	"	"		- 90cm chip channel consecutive to #9663		
9665	July 14/91	" 90m N of waterfall 3500' elev.		- siliceous structure 140° veinlets < 2mm thick	fracture/vein controlled pyrite	
9666	"	" 3800' elev. in gully		30cm footwall vein	± 5% cpy.	
9667	"	"		- 2.75-3.0m composite chip of full alteration zone		
9668	"	"		- hanging wall vein - very hard, siliceous	± 5% cpy + malachite	
9669	"	" 3100' elev	granodiorite	- fractured 190/70 w	trace - < 5% py	
9670	"	" S. side ^{end} of upper moraine	granodiorite or sandstone?	fine grained	1-2% very fine grained pyrite.	
9671	"	"	diorite	fine grained, leucitic	1-2% very fine grained pyrite.	

SCUD PROJECT

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9672	July 14/9	Scud 10	margonite	- highly ankeritic, locally siliceous - composite random chip over 4 separate spots 6m apart		
9673	July 15/9	Scud 1	granodiorite - qtz. margonite	massive, qtz vug 120°/90	spotty pyrite	
9674	"	"	granodiorite	composite grab of rusty material	no visible sulphides	
9675	"	"	"	massive	"	
9676	July 12/9	Scud 7	gabro	quartz stringers		
9677	"	"	basalt		pyrite	
9678	"	"	gabro	altered	minor pyrite + cpy?	
9679	"	"	"	rusty	5% pyrite + cpy?	
9680	"	"		white to grey, granular		
		20m SE of #9678				
9681	"	"	gabro	quartz stringer		
9682	July 15/9	Scud 3 4190' elev.		- 1.2m chip sample across 3m wide gossan/ankerite zone in stream bed, 030°/20-80W - numerous irreg. qtz veins	1-2% of g. dissem. pyrite	

SCUD PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9683	July 15/91	Scud 3 4420' elev.		- gossan /ankerite zone in stream bed 3m width exposed, - fractured 040-060/90° strong Fe stain numerous irreg qtz veinlets	1-2% f.g. dissem pyrite	
9684	"	" 4340' elev.		- gossan /ankerite zone 9-12 m across numerous qtz carb fine veinlets 070/70° S - strong Fe stain	2-3% pyrite trace cpy, pyrrhotite	
9685	"	Scud 1 4550' elev	mafic volc.	- FLOAT from toe of glacier - angular blocks, grey-light green, mod. silic., weak-mod. sericite + chlorite, occasional fine qtz carb. veinlets	3-5% f.g. dissem. and fracture controlled py, minor pyrrhotite + cpy(?)	
9686	"	"	"	- FLOAT as above highly magnetic, weakly silicified	2-3% f.g. dissem. pyrite locally 3-5%	
9687	July 19/91	Scud 3 3730' elev.	argillite		3% pyrite + black mineral	
9688	"	"		qtz stringers NE & NW		
9689	"	" 3920' elev.	felsite	- rusty to buff colour	dissem. pyrite + black mineral	

SCUD PROJECT

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
RC 9690	July 19/91	" 3960' elev.	argillite	- rusty, shaly	5% pyrite in layers.	
9691	July 20/91	" 3850' elev.	diorite	- serpentized	3% pyrite	
9692	"	" 3840' elev.		malachite vein	trace pyrite	
9693	"	" W of #9692		- channel sample, quartz chlorite qtz breccia	pyrrhotite?	
9694	"	" 3950' elev.	gabbro	fine grained	4% cpy + pyrite	
9695	"	Scud 3 4500' elev. 200m E of #9694		quartz argillite shear		
9696	"	Scud 3 4500' elev. 20m W of #9695		jasper, mica	pyrite	
9697	"	" "		- FLOAT from limestone bed just above? - grab of mineralized rock only		
9701	July 13/91	SCUD 10 Saddle Copper Zone	granodiorite	- lim/hem/manganese stain on fractures - limonitic, ankeritic, chloritic, fig. - carb & qtz stringers	1% cpy, ~1% bornite	

SCUD

Project

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9702	July 13/9	Scud 10 Saddle Copper Zone		- 60cm chip sample across fracture zone - 107/90° with qtz veins & qtz-lim. breccia (<10cm) // to fractures	1% cpy, 2% bornite trace pyrite	
9703	"	"	margonite	- 2.0 m chip sample across limonite-ankerite altered megacrystic margonite		
9704	"	"		- carbonate breccia zone, limonite, ankerite, malposite		
9705	"	"	int. volc.	- laminated, pale green to white - 6m wide 141/42 NE, very strong ankerite/limonite weath. - 5% qtz stringers random orient.		
9706	July 14/9	" main copper trend (Saddle Cu Zone Ext.)	diomite	- 12cm carbonate, ankerite malposite vein in sheared diomite		
9707	"	" SW of 9706	diomite	- med. grained dyke 60cm - lim/ankerite alt'n along strong joint	< 1% pyrite	
9708	July 15/9	Scud 3	qtz-spar pegmatite	- 25cm chip across pegmatite 038/29 SE (part of stockwork on same trend) min. calcite	< 1% dissemin + blebs of pyrite	

SCUB PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9709	July 15	Scud 3	metaseds.	- strong ankerite (sheared) zone 076/67°N, qtz & calcite veinlets < 3mm, 5-10% subrounded qtz fragments < 1cm	local zones up to 5% dissem pyrite	
9710	"	"	"	- as above less altered, few chalcedony stringers < 2mm hanging wall to #9709		
9711	"	" 100m upslope from #9709		- same as #9709		
9712	"	" 100m N of #9709		- meta argillite, folded and qtz flooded, qtz-carb veins, abundant limonite, ankerite	2% f.g. dissem. pyrite	
9713	"	" 50m W of #9702	biotite schist	- limonitic 3% qtz-py stringers // to schistosity (122°/32°N) - unit is 15-20m wide - 3.0 m chip sample		
9714	"	" 175m along strike (NW) from #9713	"	- as above, less metamorphosed	2% very f.g. pyrite	
9715	"	" Scud #1 1795m elev gossan #1	meta argillite	- 2.0 m chip sample, against discrete contact, abundant limonite on weathered surface few qtz stringers < 2mm	4% pyrohotite blebs	

SCUD PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9716	July 15/99	Scud #1 1805m elev. gossan #2	andesite	- moderately silicified, limonitic - 1.0m chip sample	2% pyrrhotite	
9717	"	" " " 100m W of #9716		- same as above, parallel to it - 2.0m chip sample	3% pyrrhotite	
9718		Scud 10 1750m elev. gossan #3 - (Saddle Cu Zone Ext.)	manganite	- bleached, ankeritic, fine - medium grained		
9719	"	" "	"	- medium - coarse grained, weak chloritic alt'n, minor malachite stain		
9720	"	" "	"	- as above but malachite stain		
9721	"	Scud 4 1950m elev. gossan #4	"	- medium grained weak ankerite alt'n, no sulphides		
9722	"	" " "	plag phytic andesite dyke	- 110° / 723° N, ~ 1% intersti- tial weathering - 1.3m wide chip sample		

SCUD PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9723	July 16/97	Scud 13 910m elev. headwaters of S. Creek (W. side)		- intermediate rock chloritic, texture obliterated, silica flooded, abundant antiferite, - no sulphides		
9724	"	Scud 13	argillite	- 2.0 m chip, graphitic limonitic 63.5/29.5 - minor jarosite, few siliceous sand, qtz stringers < 5mm	2% f.g. disseminated pyrite	
9726	July 15/97	Scud 5	meta sed	highly gossanous	trace - 1% pyrite	
9727	"	"	gray argillite	- local < 1% qtz lenticles - very weakly magnetic	1% py pyrite ± po	
9728	"	"	argillite	- massive, siliceous	≈ 5% py ± po ± ^{trace} cpv?	
9729	"	"	"	- yellow oxide stain, gossanous fracture veins	3-5% py ± pyrrhotite	
9730	"	"	"	- random chip grab across 2 m of gossan zone		
9731	"	NW Scud 12	argillite sed.	- sheared, chip grab across 1.4 m, weakly magnetic	3-5% pyrite + pyrrhotite	
9732	"	NW Scud 12	argillite	- bedded, no visible sulphides moderate gossan stain		
9733	"	"	"	- as above		

SCUD PROJECT

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9734	July 15/91	NW Sand 12	gabro	- massive medium grained - sample collected near manganese dyke	1-2% dissem magnetite or pyrrhotite (?) - not visible	
9735	"	Scud 4	manganite (?)	- medium to coarse grained, ankeritic, no visible mineralization		
9736	"	" 30m S of 9736	"	- as above		
9737	"	Scud 1	qtz "	- limonite / gossan stain on 110° fractures		
9738	July 16/91	Scud 13	gabro	moderately magnetic	1-2% pyrrhotite ± py	
9739	"	Scud 13 2750' elev.	"	- medium grained, massive (subtly feldspar porphyritic)	1-2% sulphides (py + magnetite)	
9740	"	Scud 13 w. side	int. volc / intr.	- silicified, medium grained highly ankeritic on surface		
9741	"			- ankeritic breccia with chert fragments		
9751	July 17/91	Scud 11	lst / umafic	- ankeritic and fractured contact between limestone & ultramafic - no sulphides		
9752	July 18/91	Scud 5 1185m elev.		- siliceous, aphanitic, medium gray	1% dissem. pyrite	

SCUD

Piedmont

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9753		Scud 5 1235m elev.	siltstone	- siliceous fine grained, medium gray		
9754		" 1360 m elev.	diomite	- fine grained, medium gray - green gray to tan weathering		
9755		" 1420 m elev.	andesite	- chip 40cm across shear no sulphides. 164°/43°E		
9756		Scud 5 1530 m elev.	siltstone	15cm wide qtz-K span pegmatite 061°/48°SE		
9757		" 1500m elev.	gabro	- very fractured on gabro/ andesite contact 031°/56°NW - calcite veinlets < 3mm, abundant ankerite - 1.2m chip		
9758		Scud 5 1475m elev.		- silicified zone very fractured abundant ankerite, calcite veins < 5mm.		
9759		" 1451 m elev.	meta siltstone	- very fractured, ankerite and calcite stringers		
9760		20m N of #9759	"	- same zone, more siliceous and qtz veins > calcite veins		

Scud Parcel 1

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Sample	Date	Location	Lithology	Remarks / Alteration / Structures	Mineralization	Analysis
RC 9761	July 20/92	Alicia 4950' elev.	andesite	- massive bonite / cpy stringer and pods up to 1.0cm within joints, along with qtz, limonite. - strong epidote halo up to 15cm with malachite/azurite		
9762	"	"	"	- propylitic alteration - 2.0 m chip includes 2 veins as above (1.0 and 1.5cm)		
9763	"	"	"	- FLOAT minimum vein width 10cm, as above		
9764	"	" 1195m elev.	qtz monzonite	- medium grained, >30% qtz >40% plag min Kspar (alt. to clay) - near andesite contact		
9765	"	" 1158m elev.		- 1.2m chip of qtz breccia in fault 110°/90 - angular to well rounded clasts <25cm, vuggy qtz, minor limonite, no sulphides		
9766	"	" 6m above #9765		- face of strong joint 040°/25°NW - abundant malachite/azurite/limonite (stain + possible seropite (mostly within qtz epidote veins))		

Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9767	July 20/91	Alicia		- same as #9765 but with abundant calcite and ankerite - FLOAT	1-2% dissemin. pyrite	
9768	July 21/91	"	andesite	- ankerite zone, 1.0m wide, 000/41° W with calcite/ankerite vein on Hangingwall		
9769	"	10m from #9764	hyalite(?)	- FLOAT in talus, very siliceous, banded		
9770	"	20m S of #9769	andesite	- strongly fractured limonitic breccia, minor hematite		
9771	"	50m W. of #9769	"	- banded with abundant carbonate, 65% qtz - carb-hematite vein		
9772	"	50m S. of saddle	grit/conglomerate	15% qtz-pyrite veins within a 20 x 50m lens of grit/conglomerate, abundant limonite, 1.4m chip		
9773	"	25m from #9772	"	- as above, less qtz, more limonite, abundant calcite, no visible pyrite.		
9774	"	"	andesite	- ankerite zone, abundant calcite, minor hematite		
		1550m elev.				

SCUD

1/20/90

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Sample	Date	Location	Lithology	Remarks / Alteration / Structure	Mineralization	Analysis
RC 9775	July 21/90	Alicia 1515m elev.	andesite	- qtz vein 10 cm wide - host is chloritic, malachite stained	3-10% cpy, 1% bornite	
9776	"	"	"	- 2.0 m chip sample in chloritic, sheared andesite (incl #9775 vein) - lithic tuff - some fragments altered to epidote, also epidote veins, abundant malachite stain		
9777	"	" 1540m elev.	"	- shear zone 022/90 many qtz epidote veins + fracture filling with 1-2% cpy/bornite		
9778	"	"	"	- 2.0 m chip sample in porphyritically altered andesite - local blebs of massive bornite and chalcocypite abundant malachite stain		
9779	"	"	"	- 10cm wide qtz-epidote vein abundant malachite 022/90	2% cpy, trace bornite/covellite	
9780	"	"	"	- 25cm qtz vein 050/63NW - abundant malachite and limonite stain	10% cpy blebs, minor pyrite	
9781	"	"	"	- 2.0 m chip across shear zone incl #9780, same trend - porphyritically altered, strong porphyritic and auriferous alt'n on footwall		

APPENDIX II
ANALYTICAL PROCEDURES

October 19, 1990

TO: Mr. Bernie Dewonck
OREQUEST CONSULTANTS LTD.
306 - 595 Howe Street
Vancouver, BC V6C 2T5

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine metallic gold by fire assay method and determined gravimetrically.

1. Method of Sample Preparation

- (a) Rock samples would be received at the laboratory in poly ore bags.
- (b) Dried rock samples would be crushed using a jaw crusher and pulverized to 140 mesh or finer by using a disc mill.
- (c) The whole sample or portion of the sample would then be screened through a 140 mesh screen. The +140 mesh fraction (metallics) would be weighed and then put into an envelope for gold analysis with its weight recorded. The 140 mesh fraction would be weighed then rolled and transferred to a new bag with its weight recorded and a portion subsequently used for analysis.

2. Method of Extraction

- (a) The whole +140 mesh fraction is fluxed and fused. 1/2 to 1 assay tonne of the pulp sample (140 mesh fraction) would be used.
- (b) A flux of litharge, soda ash, silica, borax, either flour or potassium nitrite is added. The samples are thoroughly mixed, a liquid Ag inquart is added then fused at 1900 degrees Fahrenheit to form a lead button.

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(c) The lead buttons are cupelled to dore beads. The beads are parted with dilute nitric acid and washed several times.

(d) The gold beads are then annealed.

3. Method of Determination

The gold beads are weighed using a Sartorius electronic micro-balance. Using the weights of +140 mesh and -140 mesh fraction and the weights of gold, the assay is then calculated and reported in ounces per short tonne or grams per tonne.

4. Analysts

The analyses were supervised or determined by Mr. Raymond Chan or Mr. Conway Chun and his laboratory staff.



Raymond Chan
VANGEOCHEM LAB LIMITED

October 19, 1990

TO: Mr. Bernie Dewonck
OREQUEST CONSULTANTS LTD.
306 - 595 Howe Street
Vancouver, BC V6C 2T5

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine silver by fire assay method in geological samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in 8" x 12" plastic bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized into 100-mesh or finer by using a disc mill. The pulverized samples were then put in the new bags for subsequent analyses.

2. Method of Digestion

- (a) 20.0 - 30.0 grams of the pulp samples were used. Samples were weighed out by using a top-loading balance into a fusion pot.
- (b) A flux of litharge, soda ash, silica, borax, either flour or potassium nitrite was added. The samples were thoroughly mixed and then fused at 1900 degrees Fahrenheit to form a lead button.
- (c) The silver was extracted by cupellation, weighed and parted with diluted nitric acid.

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3. Method of Calculation

The silver was calculated by the weigh loss of the bead and then parts per million (ppm) was calculated.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. Raymond Chan and the laboratory staff.



Raymond Chan
VANGEOCHEM LAB LIMITED

October, 19 1990

TO: Mr. Bernie Dewonck
OREQUEST CONSULTANTS LTD.
306 - 595 Howe Street
Vancouver, BC V6C 2T5

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine Cu, Pb and Zn
assay samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in the new bags for subsequent analyses.

2. Method of Digestion

- (a) 0.200 gram portions of the minus 100 mesh samples were used. Samples were weighed out by using an analytical balance.
- (b) Samples were digested in multi acids in volumetric flasks.

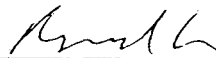
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3. Method of Analyses

Cu, Pb and Zn concentrations were determined using a Techtron Atomic Absorption Spectrophotometer Model AA5 with their respective hollow cathode lamps. The digested samples were directly aspirated into an air and acetylene mixture flame. The results, in parts per million, were calculated by comparing them to a set of standards used to calibrate the atomic absorption units.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun or Mr. Raymond Chan and their laboratory staff.



Raymond Chan
VANGEOCHEM LAB LIMITED

October 10, 1990

TO: Mr. Grant Malensek
OREQUEST CONSULTANTS LTD.
306 - 595 Howe Street
Vancouver, BC V6C 2T5

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine gold by fire assay method and detect by atomic absorption spectrophotometry in geological samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Extraction

- (a) 20.0 to 30.0 grams of the pulp samples were used. Samples were weighed out using a top-loading balance and deposited into individual fusion pots.
- (b) A flux of litharge, soda ash, silica, borax, and, either flour or potassium nitrite is added. The samples are then fused at 1900 degrees Farenhiet to form a lead "button".

-2-

(c) The gold is extracted by cupellation and parted with diluted nitric acid.

(d) The gold beads are retained for subsequent measurement.

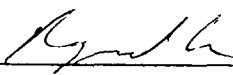
3. Method of Detection

(a) The gold beads are dissolved by boiling with concentrated aqua regia solution in hot water bath.

(b) The detection of gold was performed with a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp. The results were read out on a strip chart recorder. The gold values, in parts per billion, were calculated by comparing them with a set of known gold standards.

4. Analysts

The analyses were supervised or determined by Mr. Raymond Chan or Mr. Conway Chun and his laboratory staff.



Raymond Chan
VANGEOCHEM LAB LIMITED

October 10, 1990

TO: Mr. Grant Malensek
OREQUEST CONSULTANTS LTD.
306 - 595 Howe Street
Vancouver, BC V6C 2T5

FROM: VANGEOCHEM LAB LIMITED
1630 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure used to determine hot acid soluble for 25 element scan by Inductively Coupled Plasma Spectrophotometry in geochemical silt and soil samples.

1. Method of Sample Preparation

- (a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" X 6", Kraft paper bags. Rock samples would be received in poly ore bags.
- (b) Dried soil and silt samples were sifted by hand using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.
- (c) Dried rock samples were crushed using a jaw crusher and pulverized to 100-mesh or finer by using a disc mill. The pulverized samples were then put in a new bag for subsequent analyses.

2. Method of Digestion

- (a) 0.50 gram portions of the minus 80-mesh samples were used. Samples were weighed out using an electronic balance.
- (b) Samples were digested with a 5 ml solution of HCl:HNO₃:H₂O in the ratio of 3:1:2 in a 95 degree Celsius water bath for 90 minutes.
- (c) The digested samples are then removed from the bath and bulked up to 10 ml total volume with demineralized water and thoroughly mixed.

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3. Method of Analyses

The ICP analyses elements were determined by using a Jarrell-Ash ICAP model 9000 directly reading the spectrophotometric emissions. All major matrix and trace elements are interelement corrected. All data are subsequently stored onto diskettes.

4. Analysts

The analyses were supervised or determined by Mr. Conway Chun and his laboratory staff.



Conway Chun
VANGEOCHEM LAB LIMITED

APPENDIX III
CERTIFICATES OF ANALYSIS

GEOCHEMICAL ANALYTICAL REPORT
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CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 26 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910107 GA
: M5J 2M2 JOB#: 910107

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910107 NA
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 145
REPORT COMPLETED: JULY 26 1991 SAMPLE TYPE: 145 ROCK
ANALYSED FOR: Cu Ag Au (FA/AAS) REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANDIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____
Raymond Chan

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-0641.
INVOICE SENT TO OREQUEST CONSULTANTS LTD.
SHIPMENT #EP-3.

REPORT NUMBER: 910107 GA

JOB NUMBER: 910107

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 4

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9026	161	0.6	nd
RC 9027	1610	1.4	nd
RC 9028	72	0.6	nd
RC 9029	600	0.7	nd
RC 9030	84	0.4	nd
RC 9031	208	0.4	nd
RC 9032	280	0.5	nd
RC 9033	8	0.3	nd
RC 9034	3	0.2	nd
RC 9035	37	0.5	nd
RC 9036	15	0.4	nd
RC 9037	120	0.2	nd
RC 9038	8	0.3	nd
RC 9039	7	0.2	nd
RC 9048	85	0.3	nd
RC 9049	520	0.6	nd
RC 9050	8	0.4	nd
RC 9051	610	0.6	160
RC 9052	4300	8.8	7200
RC 9053	2050	1.1	nd
RC 9055	81	0.3	nd
RC 9056	360	1.0	nd
RC 9057	440	1.2	nd
RC 9058	70	0.4	360
RC 9059	53	0.2	nd
RC 9060	121	0.4	nd
RC 9061	8	0.3	nd
RC 9062	143	0.4	nd
RC 9063	40	0.7	nd
RC 9064	54	0.4	nd
RC 9065	30	0.3	nd
RC 9066	135	0.4	nd
RC 9067	2500	9.6	20
RC 9068	52	0.4	nd
RC 9069	50	0.4	nd
RC 9070	58	0.2	nd
RC 9071	157	0.4	20
RC 9072	150	0.1	nd
RC 9073	48	0.4	nd

DETECTION LIMIT

nd = none detected

-- = not analysed

1 0.1

is = insufficient sample

5

REPORT NUMBER: 910107 GA

JOB NUMBER: 910107

GOLD FIELDS CANADIAN MINING LTD.

PAGE 2 OF 4

SAMPLE #	Cu ppm	Ag ppb	Au ppb
RC 9074	1810	0.2	nd
RC 9075	226	0.1	nd
RC 9076	198	0.3	nd
RC 9077	184	0.4	nd
RC 9078	193	0.2	nd
RC 9079	60	0.2	nd
RC 9080	15	0.1	nd
RC 9081	45	0.1	nd
RC 9082	27	0.1	nd
RC 9083	30	nd	nd
RC 9084	235	0.4	nd
RC 9085	16400	8.3	nd
RC 9086	1860	0.6	nd
RC 9087	4100	4.8	nd
RC 9626	90	0.3	> 10000
RC 9627	310	0.5	> 10000
RC 9628	130	0.5	> 10000
RC 9629	207	0.2	> 10000
RC 9630	370	37.0	510
RC 9631	82	0.5	100
RC 9632	740	6.3	80
RC 9633	6	0.1	70
RC 9634	62	0.1	> 10000
RC 9635	8	nd	120
RC 9636	167	nd	130
RC 9637	4	nd	30
RC 9638	28	nd	90
RC 9639	152	nd	30
RC 9640	222	nd	140
RC 9641	54	nd	nd
RC 9642	85	nd	70
RC 9643	14	nd	40
RC 9644	16100	22.0	nd
RC 9645	3700	5.2	nd
RC 9646	207	0.2	nd
RC 9647	69	nd	nd
RC 9648	13	nd	nd
RC 9649	480	0.3	nd
RC 9650	20	0.2	nd

DETECTION LIMIT

nd = none detected

1

-- = not analysed

0.1

ls = insufficient sample

5

REPORT NUMBER: 910107 GA

JOB NUMBER: 910107

GOLD FIELDS CANADIAN MINING LTD.

PAGE 3 OF 4

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9651	31	0.4	nd
RC 9652	208	0.8	nd
RC 9653	103	0.3	nd
RC 9654	20	0.2	nd
RC 9656	34	0.3	nd
RC 9658	26	0.2	nd
RC 9660	167	0.8	nd
RC 9662	53	0.2	nd
RC 9663	6	0.1	nd
RC 9664	30	0.3	nd
RC 9665	138	0.3	nd
RC 9666	104	0.4	nd
RC 9667	85	0.4	nd
RC 9668	15	0.1	nd
RC 9669	8	0.1	nd
RC 9670	57	1.6	nd
RC 9671	6	0.6	nd
RC 9672	5	1.6	nd
RC 9673	23	0.1	nd
RC 9674	47	0.4	nd
RC 9675	1200	1.3	nd
RC 9676	280	0.4	nd
RC 9677	530	9.7	nd
RC 9678	21	0.4	nd
RC 9679	24	0.5	nd
RC 9680	66	0.3	nd
RC 9681	730	1.0	nd
RC 9682	90	0.4	nd
RC 9683	790	1.0	nd
RC 9684	143	0.5	nd
RC 9685	1570	1.1	nd
RC 9686	740	0.7	nd
RC 9702	58	0.4	nd
RC 9703	81	0.6	nd
RC 9704	123	0.6	nd
RC 9705	122	0.5	nd
RC 9706	3000	1.9	nd
RC 9707	960	0.8	nd
RC 9708	64	0.3	20

DETECTION LIMIT

nd = none detected

-- = not analysed

1 0.1

is = insufficient sample

5

REPORT NUMBER: 910107 GA

JOB NUMBER: 910107

GOLD FIELDS CANADIAN MINING LTD.

PAGE 4 OF 4

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9709	56	0.2	nd
RC 9710	28	0.2	nd
RC 9711	60	0.1	nd
RC 9712	36	0.2	nd
RC 9713	30	0.4	nd
RC 9714	20	0.3	nd
RC 9715	73	0.1	nd
RC 9716	143	0.3	20
RC 9717	118	0.1	nd
RC 9718	20	0.1	nd
RC 9719	7	0.1	nd
RC 9720	18	0.2	nd
RC 9721	8	0.1	nd
RC 9722	40	0.2	nd
RC 9723	18	0.1	nd
RC 9724	13	0.2	nd
RC 9727	35	0.2	nd
RC 9728	36	0.3	nd
RC 9729	37	0.2	nd
RC 9730	26	0.1	nd
RC 9732	128	0.2	nd
RC 9733	142	0.2	nd
RC 9734	80	0.2	nd
RC 9735	20	0.1	nd
RC 9736	35	0.1	nd
RC 9737	11	0.1	nd
RC 9738	25	0.2	nd
RC 9739	12	0.1	nd

DETECTION LIMIT
 nd = none detected

-- = not analysed

1
 is = insufficient sample

5

ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 26 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910107 AA
: M5J 2M2 JOB#: 910107

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910107 NA
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 6
REPORT COMPLETED: JULY 26 1991 REJECTS/PULPS: 90 DAYS/1 YR
ANALYSED FOR: Au 1A.T. SAMPLE TYPE: 6 ROCK

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-0641.
INVOICE SENT TO OREQUEST CONSULTANTS LTD.
SHIPMENT #EP-3.

REPORT NUMBER: 910107 AA

JOB NUMBER: 910107

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

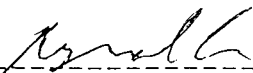
SAMPLE #	Au oz/st
RC 9052	0.132
RC 9626	0.393
RC 9627	0.651
RC 9628	0.326
RC 9629	0.511
RC 9634	0.661

DETECTION LIMIT

0.002

1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: _____



GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 30 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910125 GA
: M5J 2M2 JOB#: 910125

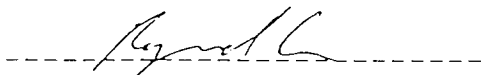
PROJECT#: NONE GIVEN INVOICE#: 910125 NA
SAMPLES ARRIVED: JULY 25 1991 TOTAL SAMPLES: 44
REPORT COMPLETED: JULY 30 1991 SAMPLE TYPE: 44 ROCK
ANALYSED FOR: Cu Ag Au (FA/AAS) REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____



GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-5.

REPORT NUMBER: 910125 GA

JOB NUMBER: 910125

GOLD FIELD CANADIAN MINING LTD.

PAGE 1 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9687	95	0.8	10
RC 9688	204	1.1	10
RC 9689	114	1.0	nd
RC 9690	35	0.6	nd
RC 9691	32	0.7	nd
RC 9692	28	1.2	nd
RC 9693	50	1.1	nd
RC 9694	51	1.2	nd
RC 9695	57	0.5	nd
RC 9696	8	0.5	10
RC 9697	6300	4.7	20
RC 9751	135	1.0	10
RC 9752	63	0.4	10
RC 9753	37	0.2	nd
RC 9754	146	0.4	20
RC 9755	78	0.4	nd
RC 9756	110	0.2	nd
RC 9757	90	1.1	nd
RC 9758	156	0.7	nd
RC 9759	42	0.3	nd
RC 9760	49	0.4	nd
RC 9761	> 20000	> 50.0	170
RC 9762	5900	9.7	10
RC 9763	> 20000	> 50.0	600
RC 9764	420	0.6	nd
RC 9765	252	0.5	nd
RC 9766	4010	2.2	20
RC 9767	32	1.1	10
RC 9768	35	0.2	10
RC 9769	25	0.3	nd
RC 9770	42	0.1	nd
RC 9771	8	0.3	nd
RC 9772	40	0.1	nd
RC 9773	65	0.4	nd
RC 9774	10	0.8	nd
RC 9775	> 20000	> 50.0	650
RC 9776	2730	1.2	10
RC 9777	> 20000	> 50.0	10
RC 9778	1200	2.0	10

DETECTION LIMIT

nd = none detected

-- = not analysed

1

is = insufficient sample

0.1

5

REPORT NUMBER: 910125 GA

JOB NUMBER: 910125

GOLD FIELD CANADIAN MINING LTD.

PAGE 2 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9779	7200	14.2	40
RC 9780	> 20000	11.0	10
RC 9781	14500	6.3	20
RC 9782	103	0.7	nd
RC 9783	112	0.2	nd

DETECTION LIMIT
 nd = none detected

-- = not analysed

1 0.1
 is = insufficient sample

5

ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 31 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910125 AA
: M5J 2M2 JOB#: 910125

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: JULY 25 1991
REPORT COMPLETED: JULY 31 1991
ANALYSED FOR: Cu Ag

INVOICE#: 910125 NA
TOTAL SAMPLES: 6
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 6 ROCK PULP

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-5.

REPORT NUMBER: 910125 AA

JOB NUMBER: 910125

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Ag oz/st
RC 9761	3.41	1.95
RC 9763	14.10	4.67
RC 9775	3.77	0.87
RC 9777	6.85	1.63
RC 9780	2.05	--
RC 9781	1.42	--

DETECTION LIMIT

0.01

0.01

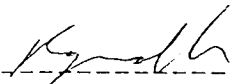
1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: _____



GEOCHEMICAL ANALYTICAL REPORT

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: AUG 13 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910166 GA
: M5J 2M2 JOB#: 910166


PROJECT#: NONE GIVEN INVOICE#: 910166 NA
SAMPLES ARRIVED: AUG 07 1991 TOTAL SAMPLES: 77
REPORT COMPLETED: AUG 13 1991 SAMPLE TYPE: 77 ROCK
ANALYSED FOR: Cu Ag Au (FA/AAS) REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____



GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS LTD.
SHIPMENT # EP-6

REPORT NUMBER: 910166 GA

JOB NUMBER: 910166

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9137	65	0.6	nd
RC 9138	29	0.4	20
RC 9139	32	0.3	nd
RC 9140	52	0.7	nd
RC 9141	22	0.2	nd
RC 9142	98	0.5	nd
RC 9143	62	0.4	nd
RC 9144	70	0.4	nd
RC 9145	88	0.4	nd
RC 9146	124	0.7	nd
RC 9147	66	0.3	10
RC 9148	31	0.2	nd
RC 9149	50	0.3	nd
RC 9150	56	3.3	nd
RC 9151	35	0.6	nd
RC 9152	62	0.4	nd
RC 9153	54	1.9	50
RC 9154	42	1.2	nd
RC 9155	26	0.7	nd
RC 9156	79	0.5	nd
RC 9157	27	0.9	nd
RC 9158	29	2.6	nd
RC 9159	10	0.3	nd
RC 9160	63	0.2	nd
RC 9161	48	0.9	390
RC 9162	20	0.8	20
RC 9163	20	0.8	nd
RC 9164	44	3.1	100
RC 9165	50	1.6	70
RC 9166	38	5.0	150
RC 9167	29	0.4	10
RC 9168	9	0.3	nd
RC 9169	9	0.2	nd
RC 9170	9	0.3	nd
RC 9171	60	0.2	20
RC 9172	44	0.3	30
RC 9173	18	0.2	nd
RC 9174	46	0.3	nd
RC 9175	42	0.3	nd
DETECTION LIMIT	1	0.1	5
nd = none detected	-- = not analysed	is = insufficient sample	

REPORT NUMBER: 910166 GA

JOB NUMBER: 910166

GOLD FIELDS CANADIAN MINING LTD.

PAGE 2 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9176	45	0.4	30
RC 9177	25	0.3	nd
RC 9178	21	0.3	nd
RC 9179	35	0.4	nd
RC 9180	188	0.3	nd
RC 9784	15	0.6	580
RC 9785	15	0.3	10
RC 9786	15	0.5	nd
RC 9787	23	0.2	nd
RC 9788	37	0.6	10
RC 9789	40	0.5	nd
RC 9790	8	0.1	nd
RC 9791	20	0.4	nd
RC 9792	10	0.2	nd
RC 9793	33	1.3	40
RC 9794	14	0.2	nd
RC 9795	8	0.7	nd
RC 9796	32	1.7	nd
RC 9826	22	0.2	40
RC 9827	8	0.1	nd
RC 9828	1360	1.1	6000
RC 9829	111	0.3	40
RC 9830	84	0.1	40
RC 9831	600	0.6	30
RC 9832	1770	0.9	120
RC 9833	151	0.5	80
RC 9834	60	0.3	30
RC 9835	57	0.1	40
RC 9836	60	1.6	360
RC 9837	33	0.6	10
RC 9838	45	0.4	40
RC 9839	10	0.4	nd
RC 9840	36	0.2	nd
RC 9841	15	0.3	nd
RC 9842	20	0.4	nd
RC 9843	10	0.2	nd
RC 9844	37	0.1	nd
RC 9845	75	1.7	20

DETECTION LIMIT
 nd = none detected

-- = not analysed

1
 is = insufficient sample

5

ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: AUG 13 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910166 AA
: M5J 2M2 JOB#: 910166

PROJECT#: NONE GIVEN INVOICE#: 910166 NA
SAMPLES ARRIVED: AUG 07 1991 TOTAL SAMPLES: 1
REPORT COMPLETED: AUG 13 1991 REJECTS/PULPS: 90 DAYS/1 YR
ANALYSED FOR: Au 1A.T. SAMPLE TYPE: 1 ROCK PULP

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____



Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS LTD.
SHIPMENT # EP-6

REPORT NUMBER: 910166 AA

JOB NUMBER: 910166

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #

Au
oz/st

RC 9828

0.167

DETECTION LIMIT

0.002

1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 t

ppm = parts per million

< = less than

signed: _____



GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: GOLD FIELD CANADIAN MINING LTD. DATE: JULY 30 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910124 GA
: M5J 2M2 JOB#: 910124

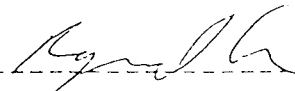
PROJECT#: NONE GIVEN INVOICE#: 910124 NA
SAMPLES ARRIVED: JULY 25 1991 TOTAL SAMPLES: 49
REPORT COMPLETED: JULY 30 1991 SAMPLE TYPE: 49 ROCK
ANALYSED FOR: Cu Ag Au (FA/AAS) REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____



GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-4.

REPORT NUMBER: 910124 GA

JOB NUMBER: 910124

GOLD FIELD CANADIAN MINING LTD.

PAGE 1 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9088	65	0.2	nd
RC 9089	19	0.1	nd
RC 9090	186	0.8	nd
RC 9091	69	0.9	nd
RC 9092	107	0.6	nd
RC 9093	208	0.6	nd
RC 9094	160	0.5	nd
RC 9095	117	0.4	nd
RC 9096	31	0.6	nd
RC 9097	77	0.6	nd
RC 9098	115	0.7	nd
RC 9099	145	0.5	nd
RC 9100	38	0.3	nd
RC 9101	234	0.7	nd
RC 9102	12	0.9	1400
RC 9103	134	0.4	10
RC 9104	87	0.6	30
RC 9105	65	0.4	20
RC 9106	100	0.4	nd
RC 9107	55	0.3	nd
RC 9108	177	0.8	nd
RC 9109	333	0.8	nd
RC 9110	27	0.4	nd
RC 9111	144	0.6	nd
RC 9112	76	0.4	10
RC 9113	30	0.3	20
RC 9114	7	1.3	4300
RC 9115	33	0.4	20
RC 9116	20000	> 50.0	80
RC 9117	145	0.6	20
RC 9118	59	1.3	nd
RC 9119	107	0.7	nd
RC 9120	50	0.8	nd
RC 9121	35	0.9	nd
RC 9122	150	0.4	nd
RC 9123	98	0.2	nd
RC 9124	15	0.6	nd
RC 9125	1300	1.2	nd
RC 9126	37	0.5	nd

DETECTION LIMIT

nd = none detected

-- = not analysed

1 0.1

is = insufficient sample

5

REPORT NUMBER: 910124 GA

JOB NUMBER: 910124

GOLD FIELD CANADIAN MINING LTD.

PAGE 2 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb
RC 9127	14	1.1	nd
RC 9128	18	0.1	nd
RC 9129	41	0.7	nd
RC 9130	36	0.3	nd
RC 9131	83	0.8	nd
RC 9132	40	0.6	nd
RC 9133	6	0.1	nd
RC 9134	30	0.7	nd
RC 9135	5500	5.5	nd
RC 9136	50	0.5	nd

DETECTION LIMIT
nd = none detected

-- = not analysed

1 0.1
is = insufficient sample

5

ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 31 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910124 AA
: M5J 2M2 JOB#: 910124

PROJECT#: NONE GIVEN INVOICE#: 910124 NA
SAMPLES ARRIVED: JULY 25 1991 TOTAL SAMPLES: 1
REPORT COMPLETED: JULY 31 1991 REJECTS/PULPS: 90 DAYS/1 YR
ANALYSED FOR: Cu Ag SAMPLE TYPE: 1 ROCK PULP

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-4.

REPORT NUMBER: 910124 AA

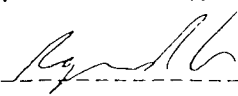
JOB NUMBER: 910124

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Ag oz/st
RC 9116	1.92	0.90

DETECTION LIMIT 0.01 0.01
1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 t ppm = parts per million < = less than

signed: 

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: AUG 13 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910126 GA
: M5J 2M2 JOB#: 910126

PROJECT#: NONE GIVEN INVOICE#: 910126 NA
SAMPLES ARRIVED: JULY 25 1991 TOTAL SAMPLES: 41
REPORT COMPLETED: AUG 13 1991 SAMPLE TYPE: 41 SOIL
ANALYSED FOR: Cu Ag Au As REJECTS: DISCARDED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____
Raymond Chan

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS LTD.
SHIPMENT # EP-5

REPORT NUMBER: 910126 GA

JOB NUMBER: 910126

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb	As ppm
BLS 0+00S	20	0.2	15	2
BLS 0+25S	20	0.3	nd	2
BLS 0+50S	43	0.3	nd	4
BLS 0+75S	57	1.0	nd	4
BLS 1+00S	27	0.5	5	2
BLS 1+25S	120	0.4	nd	6
BLS 1+50S	14	0.5	10	nd
BLS 1+75S	54	0.3	10	10
BLS 2+00S	18	0.3	15	10
BLS 2+25S	16	0.1	5	10
BLS 2+50S	145	0.9	5	20
BLS 2+75S	159	0.3	5	15
BLS 3+00S	54	0.1	nd	2
BLS 3+25S	15	0.3	5	nd
BLS 3+50S	30	1.0	nd	nd
BLS 3+75S	75	0.6	nd	35
BLS 4+00S	22	0.2	nd	8
BLS 4+25S	15	0.1	5	4
BLS 5+00S	5	0.2	10	2
BLS 5+25S	12	0.1	nd	2
BLS 5+50S	21	0.3	15	20
BLS 5+75S	25	0.2	nd	10
BLS 6+00S	17	0.2	5	2
BLS 6+25S	19	0.4	10	22
BLS 6+50S	21	0.2	15	6
BLS 7+00S	2	0.2	nd	2
BLS 7+25S	12	0.2	10	2
BLS 7+50S	13	0.3	15	2
BLS 7+75S	5	0.3	nd	2
BLS 8+00S	21	0.3	5	6
BLS 8+75S	35	0.4	10	8
BLS 9+00S	20	0.3	5	4
BLS 9+25S	9	0.2	5	2
BLS 9+50S	43	0.1	nd	15
BLS 9+75S	28	0.1	15	2
BLS 10+00S	11	nd	10	6
BLS 10+25S	14	0.1	15	4
BLS 10+50S	16	0.1	10	nd
BLS 10+75S	52	0.2	10	52

DETECTION LIMIT

nd = none detected

1

-- = not analysed

0.1

ls = insufficient sample

5

2

REPORT NUMBER: 910126 GA

JOB NUMBER: 910126

GOLD FIELDS CANADIAN MINING LTD.

PAGE 2 OF 2

SAMPLE #	Cu ppm	Ag ppm	Au ppb	As ppm
BLS 11+00S	23	0.1	10	nd
BLS 11+25S	8	0.1	15	2

DETECTION LIMIT
nd = none detected

-- = not analysed

1 0.1
is = insufficient sample

5

2

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 26 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910108 GA
: M5J 2M2 JOB#: 910108

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910108 NA
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 1
REPORT COMPLETED: JULY 26 1991 SAMPLE TYPE: 1 ROCK
ANALYSED FOR: Cu Pb Zn Ag Au (FA/AAS) REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____
Raymond Chan

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-3.

REPORT NUMBER: 910108 GA	JOB NUMBER: 910108		GOLD FIELDS CANADIAN MINING LTD.		PAGE 1 OF 1
SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
RC 9726	35	24	81	0.5	nd

DETECTION LIMIT 1 2 1 0.1 5

nd = none detected -- = not analysed ls = insufficient sample

GEOCHEMICAL ANALYTICAL REPORT
=====

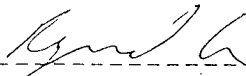
CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 29 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910109 GA
: M5J 2M2 JOB#: 910109

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910109 NA
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 17
REPORT COMPLETED: JULY 29 1991 SAMPLE TYPE: 17 ROCK
ANALYSED FOR: Au (FA/AAS) ICP REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-3.

REPORT NUMBER: 910109 GA

JOB NUMBER: 910109

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
RC 9040	nd
RC 9041	3600
RC 9042	60
RC 9043	20
RC 9044	50
RC 9045	20
RC 9046	20
RC 9047	10
RC 9054	3500
RC 9655	20
RC 9657	30
RC 9659	20
RC 9661	20
RC 9701	110
RC 9731	10
RC 9740	nd
RC 9741	nd

DETECTION LIMIT

nd = none detected

-- = not analysed

5

is = insufficient sample

ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 29 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910109 AA
: M5J 2M2 JOB#: 910109

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910109 NA
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 2
REPORT COMPLETED: JULY 29 1991 REJECTS/PULPS: 90 DAYS/1 YR
ANALYSED FOR: Au 1A.T. SAMPLE TYPE: 2 ROCK

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-3.

REPORT NUMBER: 910109 AA

JOB NUMBER: 910109

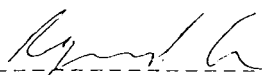
GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #	Au oz/st
RC 9041	0.061
RC 9054	0.082

DETECTION LIMIT 0.002
1 Troy oz/short ton = 34.28 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed: _____



ASSAY ANALYTICAL REPORT
=====

CLIENT: GOLD FIELDS CANADIAN MINING LTD. DATE: JULY 31 1991
ADDRESS: Suite 909 - 123 Front Street West
: Toronto Ontario REPORT#: 910109 AB
: M5J 2M2 JOB#: 910109

PROJECT#: GOLDFIELDS SKUD INVOICE#: 910109 NB
SAMPLES ARRIVED: JULY 23 1991 TOTAL SAMPLES: 2
REPORT COMPLETED: JULY 31 1991 REJECTS/PULPS: 90 DAYS/1 YR
ANALYSED FOR: Cu Ag SAMPLE TYPE: 2 ROCK PULP

SAMPLES FROM: OREQUEST CONSULTANTS
COPY SENT TO: GOLD FIELDS CANADIAN MINING LTD.

PREPARED FOR: GOLD FIELDS CANADIAN MINING LTD.

ANALYSED BY: Raymond Chan

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: RESULTS FAXED TO TORONTO @ 1-416-865-0641.
INVOICE SENT TO OREQUEST CONSULTANTS.
SHIPMENT # EP-3.

REPORT NUMBER: 910109 AB

JOB NUMBER: 910109

GOLD FIELDS CANADIAN MINING LTD.

PAGE 1 OF 1

SAMPLE #	Cu %	Ag oz/st
RC 9041	2.37	--
RC 9054	2.83	1.25

DETECTION LIMIT

0.01

0.01

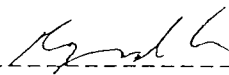
1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: _____

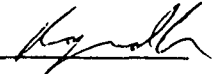


VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

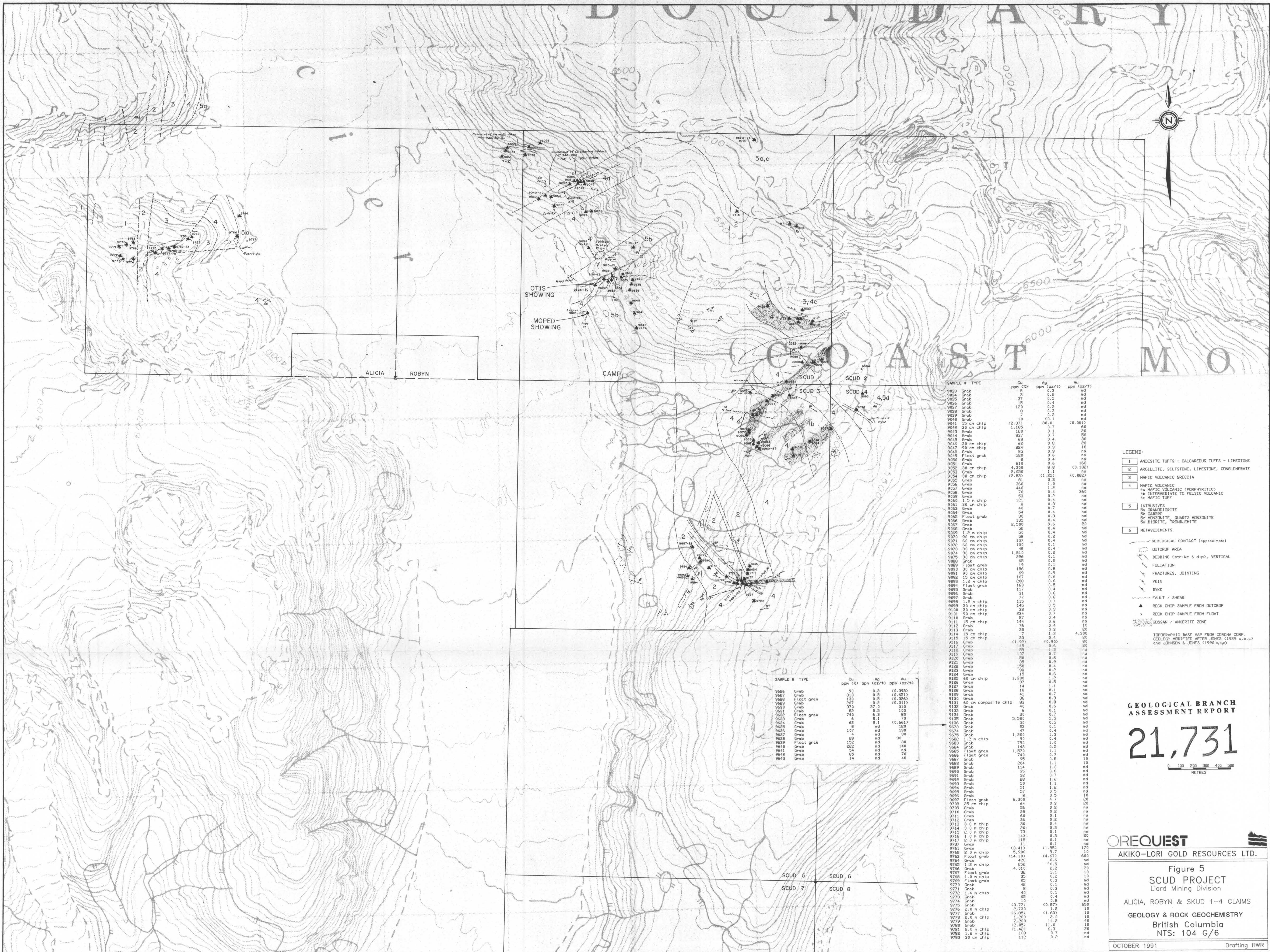
A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 910109 PA GOLD FIELDS CANADIAN MINING LTD. PROJECT: GOLDFIELDS SKUD DATE IN: JULY 23 1991 DATE OUT: JULY 26 1991 ATTENTION: GOLD FIELDS CANADIAN MINING LTD. PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RC 9040	<0.1	0.30	<3	9	4	0.11	0.4	4	113	10	0.96	0.06	0.04	141	<1	0.10	33	<0.01	7	<2	<2	4	<5	<3	11
RC 9041	30.0	0.44	<3	43	13	1.19	<0.1	9	87	>20000	1.50	<0.01	0.18	347	<1	0.02	32	0.01	<2	<2	<2	23	<5	<3	30
RC 9042	0.7	3.05	<3	14	<3	2.25	<0.1	40	515	1165	4.78	<0.01	0.43	637	<1	0.11	132	0.04	<2	<2	<2	100	<5	<3	89
RC 9043	0.1	1.19	<3	38	<3	0.73	<0.1	22	177	120	2.15	<0.01	0.18	366	<1	0.13	40	0.02	<2	<2	<2	30	<5	<3	45
RC 9044	0.7	1.68	<3	28	<3	1.86	<0.1	33	179	837	3.56	<0.01	0.32	634	<1	0.18	38	0.03	<2	<2	<2	36	<5	<3	61
RC 9045	0.4	1.51	<3	1	14	>10	<0.1	20	71	68	3.26	<0.01	0.41	3879	<1	<0.01	<1	0.01	<2	<2	<2	444	<5	<3	106
RC 9046	0.8	3.98	<3	1	<2	9.27	<0.1	44	349	682	6.88	<0.01	0.83	1857	<1	<0.01	64	0.03	<2	<2	<2	110	<5	<3	205
RC 9047	0.3	4.41	<3	9	<3	6.51	<0.1	62	430	224	8.13	<0.01	1.00	1967	<1	<0.01	80	0.03	<2	<2	<2	141	<5	<3	164
RC 9054	50.0	1.13	<3	108	40	1.04	<0.1	18	81	>20000	3.03	<0.01	0.37	1160	<1	<0.01	35	0.01	37	<2	<2	17	<5	<3	105
RC 9655	0.3	2.35	<3	37	<3	2.60	<0.1	31	48	780	4.47	<0.01	0.13	428	<1	0.08	52	0.05	<2	<2	<2	23	<5	<3	29
RC 9657	0.8	2.59	409	29	<3	3.59	<0.1	34	157	683	>10	<0.01	0.35	1415	12	0.02	90	0.04	14	<2	<2	37	<5	<3	289
RC 9659	2.5	1.35	141	42	<3	1.52	<0.1	44	193	2209	8.82	<0.01	0.22	661	9	0.05	96	0.03	9	<2	<2	25	<5	<3	105
RC 9661	0.2	0.89	<3	36	12	9.17	<0.1	69	>1000	94	5.72	<0.01	1.55	1331	<1	<0.01	836	<0.01	<2	<2	<2	171	<5	<3	55
RC 9701	30.0	0.58	>2000	148	<3	8.85	<0.1	2764	112	15379	5.82	<0.01	0.37	1825	141	<0.01	2453	0.03	42	<2	<2	118	<5	<3	49
RC 9731	0.5	2.22	<3	175	<3	1.74	<0.1	86	653	354	3.87	<0.01	0.45	379	<1	0.14	293	0.02	<2	<2	<2	23	<5	<3	32
RC 9740	0.4	1.63	<3	994	<3	>10	<0.1	50	711	30	4.57	<0.01	1.92	1684	<1	<0.01	607	0.01	<2	<2	<2	468	<5	<3	40
RC 9741	0.3	0.12	<3	58	22	>10	<0.1	10	53	11	5.50	<0.01	1.37	1513	<1	<0.01	72	<0.01	<2	<2	<2	342	<5	<3	45

Minimum Detection 0.1 0.01 3 1 3 0.01 0.1 1 1 1 0.01 0.01 0.01 1 1 0.01 1 0.01 2 2 2 1 5 3 1
 Maximum Detection 50.0 10.00 2000 1000 1000 10.00 1000.0 20000 1000 20000 10.00 10.00 10.00 20000 1000 10.00 20000 10.00 20000 2000 1000 10000 100 1000 20000
 < - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.



LEGEND:

- 1 ANDESITE TUFFS - CALCAREOUS TUFFS - LIMESTONE
- 2 ARGILLITE, SILTSTONE, LIMESTONE, CONGLOMERATE
- 3 MAFIC VOLCANIC BRECCIA
- 4 MAFIC VOLCANIC
 - 4a MAFIC VOLCANIC (PORPHYRITIC)
 - 4b INTERMEDIATE TO FELSIC VOLCANIC
 - 4c MAFIC TUFF
- 5 INTRUSIVES
 - 5a GRANODIORITE
 - 5b GABBRO
 - 5c MONZONITE, QUARTZ MONZONITE
 - 5d DIORITE, TRONDJEMITE
- 6 METASEDIMENTS

- GEOLOGICAL CONTACT (approximate)
 - OUTCROP AREA
 - BEDDING (strike & dip), VERTICAL
 - FOLIATION
 - FRACTURES, JOINTING
 - VEIN
 - DYKE
 - FAULT / SHEAR
 - ROCK CHIP SAMPLE FROM OUTCROP
 - ROCK CHIP SAMPLE FROM FLAT
 - GISSAN / ANKERITE ZONE

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,731

0 100 200 300 400 500 METRES

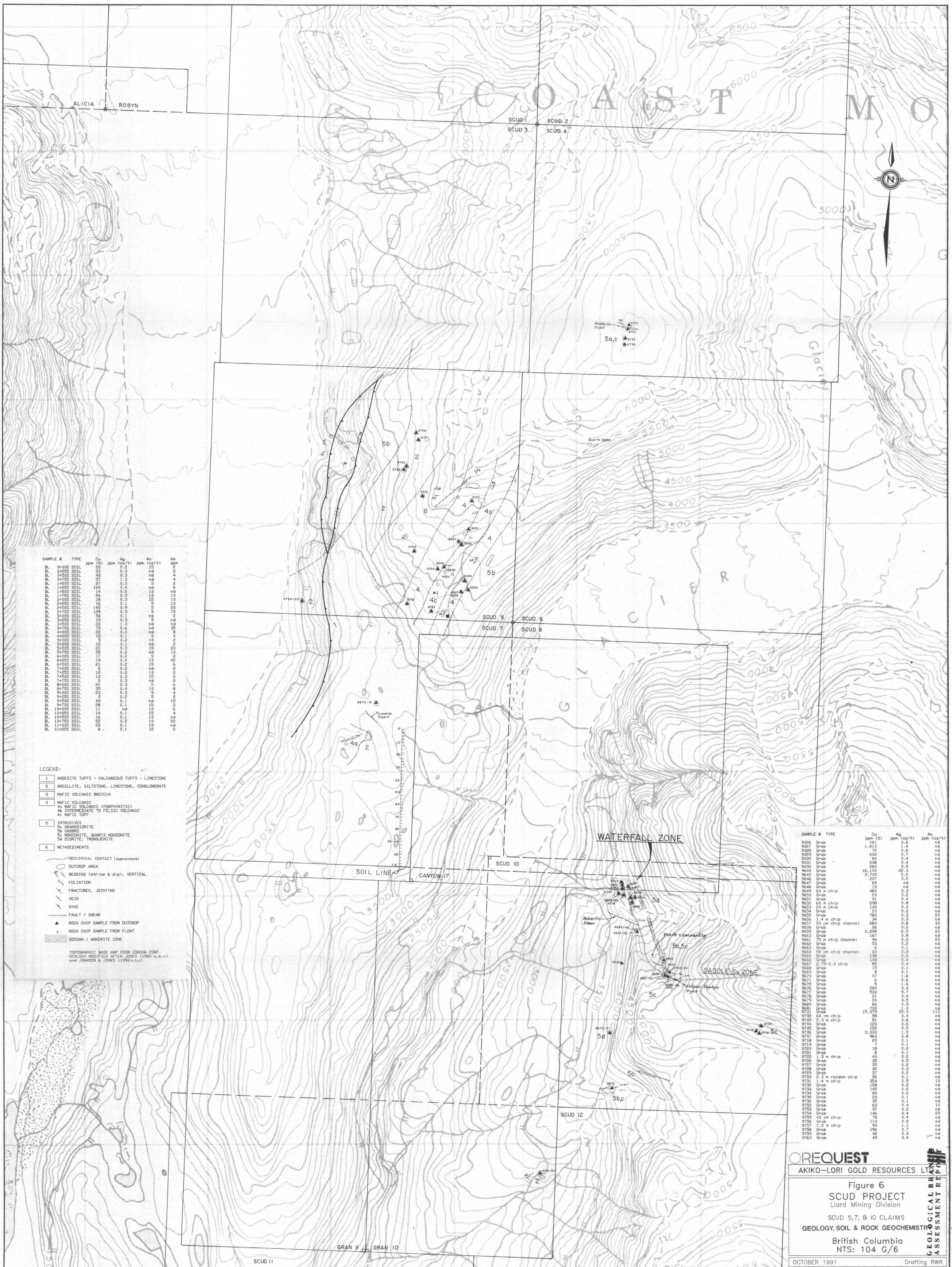
OREQUEST
AKIKO-LORI GOLD RESOURCES LTD.

Figure 5
SCUD PROJECT
Liard Mining Division

Alicia, Robyn & Skud 1-4 Claims

GEOLOGY & ROCK GEOCHEMISTRY
British Columbia
NTS: 104 G/6

OCTOBER 1991 Drafting RWR



SAMPLE #	TYPE	Cu ppm (%)	Ag ppm (oz/t)	Au ppm (oz/t)	As ppm
BL 04003	SOIL	80	0.3	nd	2
BL 04004	SOIL	80	0.3	nd	4
BL 04703	SOIL	37	1.0	nd	4
BL 14003	SOIL	87	0.3	nd	5
BL 14004	SOIL	120	0.4	nd	6
BL 14005	SOIL	14	0.3	nd	10
BL 17003	SOIL	54	0.3	nd	10
BL 17004	SOIL	18	0.3	nd	10
BL 17005	SOIL	16	0.1	nd	10
BL 24003	SOIL	145	0.9	nd	20
BL 24004	SOIL	139	0.3	nd	15
BL 34003	SOIL	54	0.1	nd	15
BL 34004	SOIL	15	0.2	nd	15
BL 34005	SOIL	30	1.0	nd	nd
BL 34006	SOIL	73	0.6	nd	nd
BL 44003	SOIL	22	0.2	nd	25
BL 44004	SOIL	15	0.1	nd	25
BL 44005	SOIL	3	0.2	nd	10
BL 44006	SOIL	12	0.1	nd	10
BL 44007	SOIL	21	0.3	nd	10
BL 44008	SOIL	25	0.2	nd	10
BL 44009	SOIL	17	0.2	nd	20
BL 64003	SOIL	19	0.4	nd	6
BL 64004	SOIL	21	0.2	nd	6
BL 74003	SOIL	2	0.2	nd	20
BL 74004	SOIL	12	0.2	nd	15
BL 74005	SOIL	13	0.3	nd	15
BL 74006	SOIL	15	0.1	nd	15
BL 84003	SOIL	21	0.3	nd	6
BL 84004	SOIL	35	0.4	nd	6
BL 84005	SOIL	19	0.3	nd	5
BL 84006	SOIL	43	0.1	nd	15
BL 84007	SOIL	28	0.1	nd	15
BL 104003	SOIL	11	nd	nd	4
BL 104004	SOIL	14	0.1	nd	4
BL 104005	SOIL	16	0.1	nd	15
BL 104006	SOIL	22	0.2	nd	15
BL 104007	SOIL	22	0.2	nd	15
BL 104008	SOIL	22	0.2	nd	15
BL 14009	SOIL	8	1.1	nd	2

- LEGEND:**
- 1 ANDESITE TUFFS - CALCAREOUS TUFFS - LIMESTONE
 - 2 ARGILLITE, SILTSTONE, LIMESTONE, CONGLOMERATE
 - 3 MAFIC VOLCANIC BRECCIA
 - 4 MAFIC VOLCANIC
 - 4a MAFIC VOLCANIC (POPHYRITIC)
 - 4b INTERMEDIATE TO FELSIC VOLCANIC
 - 4c MAFIC TUFF
 - 5 INTRUSIVES
 - 5a GRANODIORITE
 - 5b GABBRO
 - 5c MONZONITE, QUARTZ MONZONITE
 - 5d DIORITE, TRONDJEMITE
 - 6 METASEDIMENTS
- GEOLOGICAL CONTACT (approximate)
 OUTCROP AREA
 BEDDING (strike & dip), VERTICAL
 FOLIATION
 FRACTURES, JOINTING
 VEIN
 DYKE
 FAULT / SHEAR
 ROCK CHIP SAMPLE FROM OUTCROP
 ROCK CHIP SAMPLE FROM FLAT
 GOSSAN / ANKERITE ZONE
- TOPOGRAPHIC BASE MAP FROM CORONA CORP.
 GEOLOGY MODIFIED AFTER JONES (1989 a,b,c) and JOHNSON & JONES (1990 a,b,c)

SAMPLE #	TYPE	Cu ppm (%)	Ag ppm (oz/t)	Au ppm (oz/t)
9206	Grab	161	0.6	nd
9207	Grab	1,610	1.4	nd
9208	Grab	84	0.4	nd
9209	Grab	600	0.7	nd
9210	Grab	84	0.4	nd
9211	Grab	898	0.4	nd
9212	Grab	280	0.5	nd
9213	Grab	16,100	22.0	nd
9214	Grab	3,700	5.2	nd
9215	Grab	807	0.2	nd
9216	Grab	69	nd	nd
9217	Grab	13	nd	nd
9218	Grab	480	0.3	nd
9219	Grab	20	0.2	nd
9220	Grab	103	0.3	nd
9221	Grab	20	0.2	nd
9222	Grab	780	0.3	nd
9223	Grab	34	0.2	nd
9224	Grab	2,683	0.8	nd
9225	Grab	26	0.2	nd
9226	Grab	167	0.8	nd
9227	Grab	24	0.2	nd
9228	Grab	53	0.2	nd
9229	Grab	30	0.2	nd
9230	Grab	136	0.3	nd
9231	Grab	154	0.4	nd
9232	Grab	85	0.4	nd
9233	Grab	15	0.1	nd
9234	Grab	6	0.1	nd
9235	Grab	5	0.1	nd
9236	Grab	5	0.1	nd
9237	Grab	280	0.4	nd
9238	Grab	530	0.7	nd
9239	Grab	23	0.4	nd
9240	Grab	84	0.5	nd
9241	Grab	66	0.3	nd
9242	Grab	29	0.1	nd
9243	Grab	15,370	30.0	110
9244	Grab	58	0.4	nd
9245	Grab	123	0.6	nd
9246	Grab	132	0.8	nd
9247	Grab	3,050	1.9	nd
9248	Grab	24	0.1	nd
9249	Grab	20	0.1	nd
9250	Grab	20	0.1	nd
9251	Grab	18	0.2	nd
9252	Grab	49	0.1	nd
9253	Grab	35	0.2	nd
9254	Grab	35	0.3	nd
9255	Grab	36	0.3	nd
9256	Grab	37	0.2	nd
9257	Grab	26	0.1	nd
9258	Grab	26	0.1	nd
9259	Grab	188	0.2	nd
9260	Grab	146	0.2	nd
9261	Grab	80	0.1	nd
9262	Grab	20	0.1	nd
9263	Grab	35	0.1	nd
9264	Grab	20	0.1	nd
9265	Grab	25	0.1	nd
9266	Grab	63	0.4	10
9267	Grab	37	0.2	nd
9268	Grab	146	0.4	20
9269	Grab	78	0.4	nd
9270	Grab	119	0.2	nd
9271	Grab	90	0.2	nd
9272	Grab	156	1.7	nd
9273	Grab	48	0.3	nd
9274	Grab	48	0.3	nd

OREQUEST
 AKIKO-LORI GOLD RESOURCES LTD.

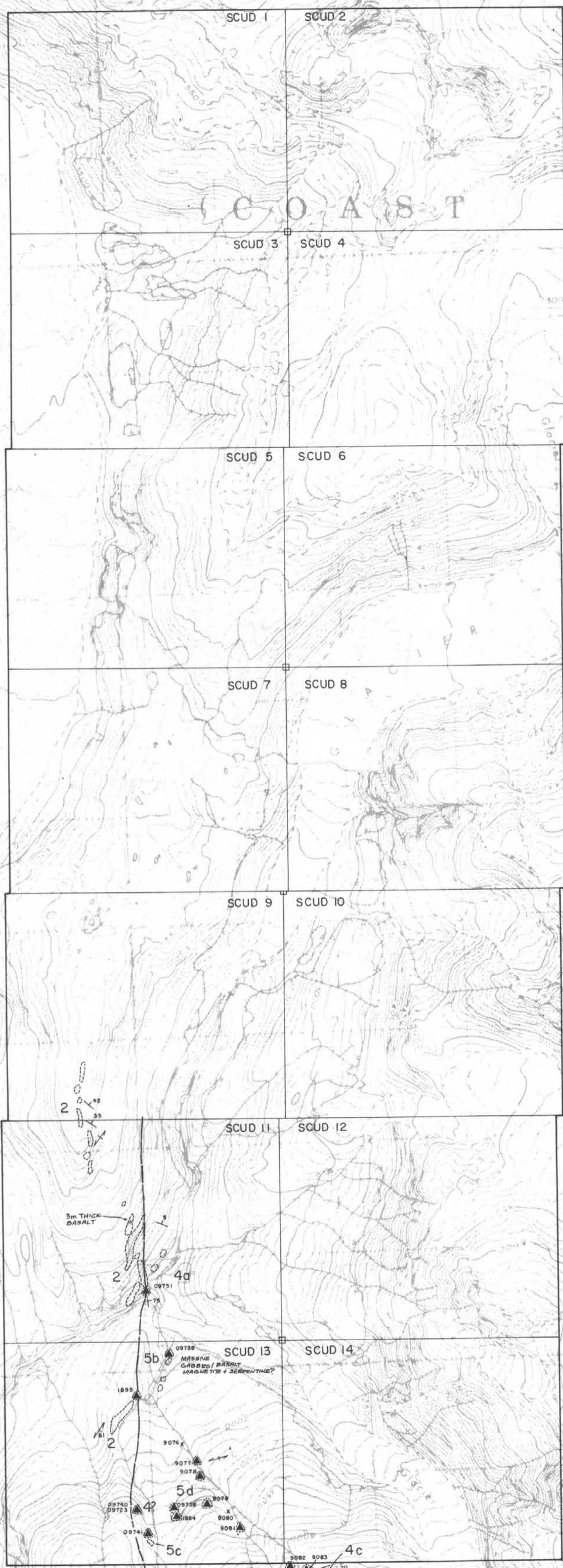
Figure 6
SCUD PROJECT
 Liard Mining Division

SCUD 5, 7, & 10 CLAIMS
 GEOLOGY, SOIL & ROCK GEOCHEMISTRY
 British Columbia
 NTS: 104 G/6

OCTOBER 1991 Drafting RWR

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 21,731

21,731



LEGEND:

- 1 ANDESITE TUFFS - CALCAREOUS TUFFS - LIMESTONE
- 2 ARGILLITE, SILTSTONE, LIMESTONE, CONGLOMERATE
- 3 MAFIC VOLCANIC BRECCIA
- 4 MAFIC VOLCANIC
 - 4a MAFIC VOLCANIC (PORPHYRITIC)
 - 4b INTERMEDIATE TO FELSIC VOLCANIC
 - 4c MAFIC TUFF
- 5 INTRUSIVES
 - 5a GRANODIORITE
 - 5b GABBRO
 - 5c MONZONITE, QUARTZ MONZONITE
 - 5d DIORITE, TRONDJEMITE
- 6 METASEDIMENTS

- GEOLOGICAL CONTACT (approximate)
- OUTCROP AREA
- BEDDING (strike & dip), VERTICAL
- FOLIATION
- FRACTURES, JOINTING
- VEIN
- DYKE
- FAULT / SHEAR
- ▲ ROCK CHIP SAMPLE FROM OUTCROP
- x ROCK CHIP SAMPLE FROM FLOAT
- GOSSAN / ANKERITE ZONE

TOPOGRAPHIC BASE MAP FROM CORONA CORP.
GEOLOGY MODIFIED AFTER JONES (1989 a,b,c)
and JOHNSON & JONES (1990 a,b,c)

SAMPLE #	TYPE	Cu ppm (%)	Ag ppm (oz/t)	Au ppb (oz/t)
9076	Float grab	198	0.3	nd
9077	Grab	184	0.4	nd
9078	Grab	193	0.2	nd
9079	Grab	60	0.2	nd
9080	Float grab	15	0.1	nd
9081	Grab	45	0.1	nd
9082	Grab	27	0.1	nd
9083	Grab	30	nd	nd
9084	1.5 m chip	235	0.4	nd
9085	Grab	16,400	8.3	nd
9086	Float grab	1,860	0.6	nd
9087	Grab	4,100	4.8	nd
9723	Grab	18	0.1	nd
9724	2.0 m chip	13	0.2	nd
9738	Grab	25	0.2	nd
9739	Grab	12	0.1	nd
9740	Grab	30	0.4	nd
9741	Grab	11	0.3	nd
9751	Grab	135	1.0	10



OREQUEST

AKIKO-LORI GOLD RESOURCES LTD.

Figure 7
SCUD PROJECT
Liard Mining Division
SCUD 11 & 13 CLAIMS
GEOLOGY & ROCK GEOCHEMISTRY
British Columbia
NTS: 104 G/6