

LOG NO: March 26/91 RD.

ACTION:

FILE NO:

1991 SUMMARY REPORT

on the

**ANUK PROPERTY**  
(RB12, RB14, RB16, RB18)

LOG NO: OCT 10 1991

RD.

ACTION: *[Handwritten]*

FILE NO:

Liard Mining Division  
British Columbia

North Latitude 57° 06' West Longitude 131° 31'

NTS 104 G/4

Prepared For

**SCHELLEX GOLD CORP.**

P.O. Box 11604  
820 - 650 West Georgia Street  
Vancouver, B.C.  
V6B 4N9

And

**WIRLWIND RESOURCES LTD.**  
808 W. Hastings Street  
Vancouver, B.C.

GEOLoGICAL BRANCH REPORT  
ASSESSMENT AND ANALYSIS

**SUB-RECORDED**  
RECEIVED

MAR 21 1991

M.R. # .....  
\$ .....  
VANCOUVER, B.C.

Prepared By

**COAST MOUNTAIN GEOLOGICAL LTD.**  
P.O. Box 11604  
820 - 650 West Georgia Street  
Vancouver, B.C.  
V6B 4N9

21146

February 1991

Todd Faragher, B.Sc.  
Geologist

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SUMMARY

The Anuk property is comprised of four contiguous modified grid mineral claims totalling 66 units within the Liard Mining Division and located approximately 90 kilometers southwest of Telegraph Creek.

The property is situated within the Stikine Arch at the western boundary of the Intermontane and Coast tectonic belts. The area is host to several porphyry copper-gold deposits and more recently has been determined to host mesothermal and shear-hosted precious metal vein deposits.

The property covers an area of highly sheared Stuhini Group andesite to basaltic flows, breccias, conglomerates and tuffs with sandstone interbeds. Chlorite - epidote alteration is prevalent within broken and fractured andesitic units and disseminated copper mineralization tends to be concentrated along fracture surfaces while fracture and shear hosted quartz and quartz - carbonate veins contain base and precious metal mineralization.

The 1990 work program consisted of prospecting, surface sampling and geological mapping. Several rock samples assayed returned elevated values in copper, gold and silver. Rock sample 90G-23-K06, a grab sample over an area of 0.5 meters of a 5 cm wide mineralized quartz-carbonate vein assayed 12.42% Cu and 3.07 oz/t Ag, rock grab sample 90G-23-C122, a chlorite altered andesite assayed 1.58% Cu while another chlorite - epidote altered andesite (90G-23-W09) assayed 8111 ppm Cu, 7.9 ppm Ag and 780 ppb Au.

Considering assay results, property geology, alteration, structure and its proximity to the Galore Creek deposit, the Anuk property has the potential for hosting mineralization associated with a porphyry copper system and associated shear and vein hosted base and precious metal mineralization. Future work should include detailed geological mapping, prospecting and further surface sampling.

INTRODUCTION

This assessment report has been prepared to describe and evaluate work completed on the Anuk property during the 1990 field season. Field work was carried out between June 1 and September 30, 1990 and consisted of prospecting, surface sampling and geological mapping. Work completed was to evaluate the property for potential base and precious metal mineralization which has been found elsewhere in the region. This report describes results of the exploration program and makes recommendations for future work.

LOCATION/ACCESS

The Anuk property is located at the headwaters of the Anuk River, approximately 90 kilometers southwest of Telegraph Creek in the Galore Creek area of northwestern British Columbia (Fig. 1). The property lies within the Liard Mining Division and is centered around 57° 06' latitude and 131° 31' longitude on NTS mapsheet 104 G/4.

Access to the property is via helicopter from the Galore Creek camp located 5 kilometers to the northeast or the Scud River airstrip 25 kilometers to the northwest. These airstrips are accessible to fixed wing aircraft chartered from Smithers, Dease Lake or Bronson Creek.

**PROPERTY  
LOCATION**



SCHELLEX GOLD CORP.  
WIRLWIND RESOURCES LTD.

**ANUK PROPERTY  
PROPERTY LOCATION MAP**

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: B.K.	NTS: 104G/4E	DATE: FEBRUARY, 1991	FIGURE: 1
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### TOPOGRAPHY/PHYSIOGRAPHY

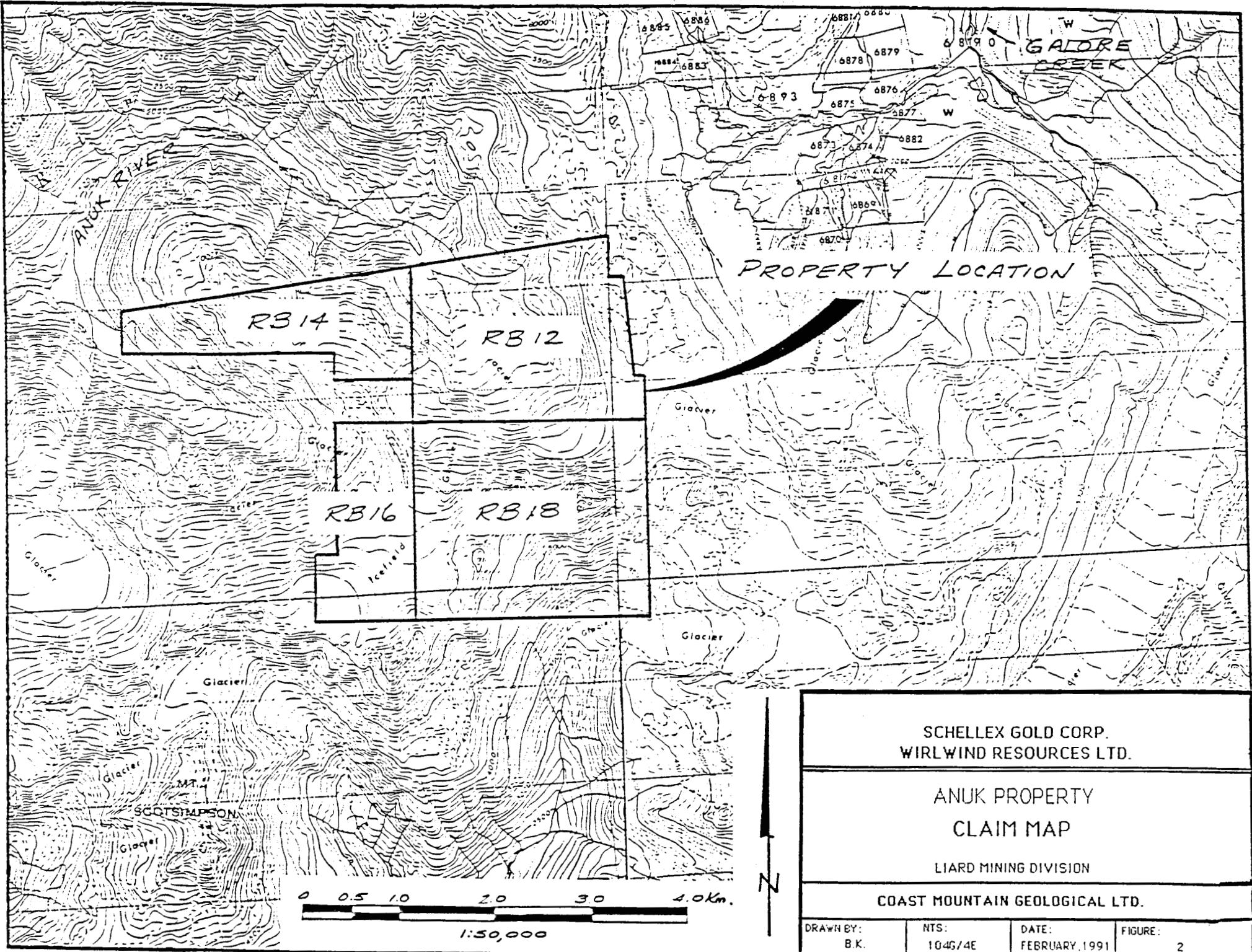
The Anuk property is situated at the headwaters of the Anuk River which lies within the Stikine River drainage basin. Topography in this area is rugged with glacially steepened valley walls and jagged mountain peaks. Elevations on the property range from 2500 to 6000 feet above sea level. Below 3500 feet in elevation, the ground is covered by hemlock, spruce and balsam with a dense undergrowth of devils club, alder and blueberry bush. Above 3500 feet alpine grasses and stunted spruce are the dominant forms of vegetation.

Temperatures in this region are moderate and rarely exceed -20 to +25 degrees Celcius. Annual precipitation is estimated at over 200 cm which occurs mostly as snowfall during the winter months from October to April.

### CLAIM STATUS

The Anuk property consists of 4 contiguous modified grid mineral claims totalling 66 units and covering 1650 hectares within the Liard Mining Division of northwestern British Columbia (Fig. 2). The property is registered in the name of Schellex Gold Corp. of Vancouver, B.C. and is currently under option to Wirlwind Resources Ltd. The following table summarizes available claim information:

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>	<u>Owner</u>
RB 12	5639	20	13/01/92	Schellex
RB 14	5641	18	13/01/92	Schellex
RB 16	5643	8	13/01/92	Schellex
RB 18	5645	20	13/01/92	Schellex
	Total	66		



HISTORY

The first recorded mineral exploration in the Stikine River region was undertaken in the 1860's when placer gold was discovered south of Telegraph Creek. During the 1950's, when emphasis had shifted from placer to lode deposits, companies such as The Hudson Bay Mining and Smelting Co. and Kennco Explorations Ltd. carried out exploration programs in search of porphyry copper deposits. This led to the discovery of the Galore Creek and Copper-Canyon copper-gold deposits.

During 1966 and 1967, Anuk River Mines Ltd. mapped, trenched and backpack drilled 695 feet on the Devils Club showing on Saddle Mountain 3 km northwest of the Anuk property. Results published were mixed and no further work was performed.

In January of 1989, the RB 12, RB 14, RB 16 and RB18 claims were staked and later grouped under the name Anuk.

In the fall of 1989, Coast Mountain Geological Ltd. prospected and surface sampled portions of the Anuk property which resulted in several mineralized quartz veins being discovered. One sample of a 0.5 meter quartz vein containing massive bornite assayed 15.54% Cu, 0.509 oz/ton Au and 2.96 oz/ton Ag while a similar quartz-carbonate vein assayed 16.71% Cu, 0.29 oz/ton Au and 4.26 oz/ton Ag (Kushner, 1990).

REGIONAL GEOLOGY

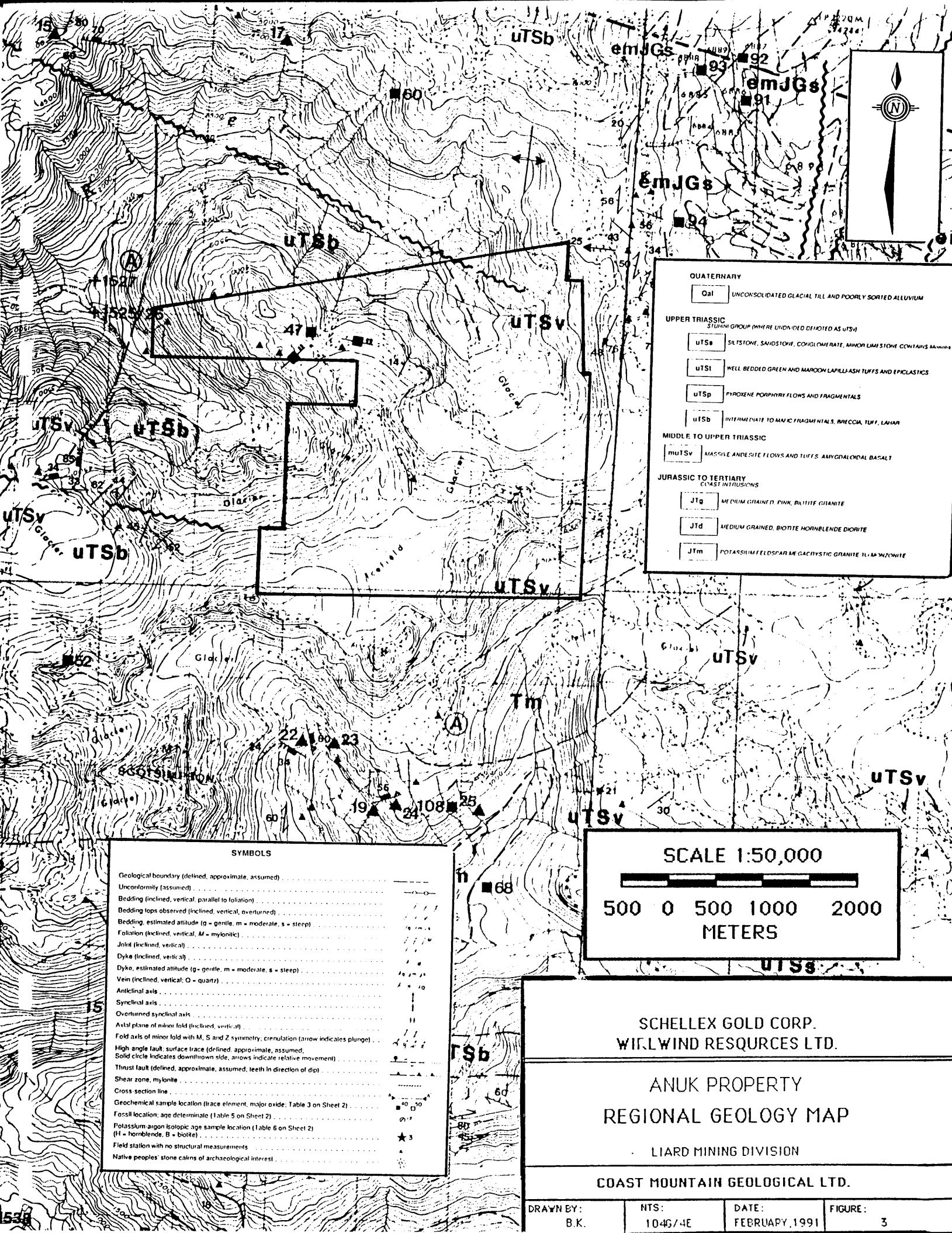
The Galore Creek area consists of stratigraphic and intrusive sequences of Upper Paleozoic to Tertiary Stikine Terrane rock units bounded to the west by the Coast Range Plutonic Complex and to the east by the Intermontane Belt (Fig. 3).

The oldest rocks in the sequence are deformed Pre-Permian to Mid-Jurassic Stikine Assemblage sediments, tuffs, intermediate volcanics and limestone. Mid-Triassic rocks consist of silty shales, argillites and limey siltstone. Upper Triassic rocks consist of augite andesite and basaltic andesite flows, volcanic breccias and tuffs interspersed with locally derived sandstones and siltstones. Intrusive rocks include Lower Jurassic to Upper Triassic syenite stocks and dykes and Jurassic to Lower Cretaceous quartz diorite and granodiorite plutons of the Coast Plutonic Complex. A number of Eocene quartz monzonite and granodiorite stocks form small intrusions within or as satellites to the Coast Plutonic intrusives (Brown & Gunning, 1988).

PROPERTY GEOLOGY

The dominant rock units on the Anuk property are Stuhini Group Triassic - Jurassic aged andesitic - basaltic volcanic flows, breccias, tuffs and conglomerates with interbeds of siltstones and sandstones.

The property is located in a region of strong northerly



SCHELLEX GOLD CORP.  
WILWIND RESOURCES LTD.

ANUK PROPERTY  
REGIONAL GEOLOGY MAP

## LIARD MINING DIVISION

## **COAST MOUNTAIN GEOLOGICAL LTD.**

DRAWN BY: B.K.	NTS: 104G/4E	DATE: FEBRUARY, 1991	FIGURE: 3
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shearing resulting in numerous steeply dipping fault and shear structures transecting the property. These subvertical structures trend dominately  $020^{\circ}$  with crosscutting structures trending between  $120^{\circ}$  -  $150^{\circ}$ . These fault and shear structures reach up to 4 meters in width and being heavily pyritic appear as gossanous linaments throughout the property.

Chlorite - epidote alteration is prevalent within the andesite units and becomes more intense in areas of highly fractured rock. Epidote stringers are present within the volcanic breccias and conglomerates but are not pervasive to the rock matrix. Areas of silica flooding occur within the volcanic and sedimentary packages but are limited in size.

Numerous quartz and quartz - carbonate veins occur as fracture fillings and are also hosted within fault and shear structures. These veins are milky white and consist of "bull" quartz.

#### MINERALIZATION

In areas of chlorite - epidote alteration where the rock is broken and fractured, mineralization occurs as fine disseminations of pyrite and chalcopyrite which tend to be concentrated along fracture surfaces. Cubic and disseminated pyrite is common in zones of silica flooding with minor amounts of chalcopyrite present. Mineralization within gossanous fault and shear zones occurs as disseminations and clots of pyrite with copper mineralization visible as spotty malachite staining.

Base and precious metal mineralization within quartz and quartz - carbonate veins is present as bornite, chalcopyrite, pyrolusite and native gold associated with pyrite and pyrrhotite.

#### 1990 WORK PROGRAM

Between June 1 and September 30, 1990 fieldwork was carried out on the Anuk property. Work consisted of prospecting, surface sampling and geological mapping. Stream sediment fines were collected from both running and dry stream channels. A soil line was run with samples being collected at approximately 100 meter intervals. Soil pits were dug and samples collected from the B horizon were placed in kraft paper bags. Rock grab and float samples were collected from areas of alteration, shearing and rocks containing sulphide mineralization. A total of 19 rock, 8 soil and 7 silt samples were collected and sent to Acme Analytical Labs Ltd. of Vancouver for analysis. Silt and soil samples were oven dried at approximately 60 degrees Celcius, sieved to minus 80 mesh and analyzed geochemically for 32 elements by the induced coupled plasma (ICP) technique and for gold by atomic absorption (AA). Rock samples were crushed to 3/16 of an inch then approximately 0.25 kg was pulverized to minus 100 mesh. A 0.5 gram sample of the minus 80 fraction of the sample was digested in hot, dilute aqua regia in a boiling water bath and then diluted to 10 millimeters with distilled water. Samples were analyzed for a group of 30 elements by ICP. In addition gold was analyzed from a 10 gram fraction by

AA.

#### SILT AND SOIL GEOCHEMISTRY

Silt samples collected during the 1990 field season all returned elevated values in copper with lesser amounts of zinc and silver. Assay results range from a low of 122 ppm Cu to a high of 321 ppm. These silts cover drainages off the western portion of the property where andesite and agglomerate are the dominant rock types.

Soil samples collected also returned elevated values in copper, zinc, silver and gold. Soils collected along the western claim boundary returned consistently elevated values in copper which ranged from 100 ppm to 575 ppm Cu while zinc values ranged from 66 to 242 ppm Zn. These soil samples were collected from an area above the drainages which produced the elevated silt samples. Sample 90S-23-A08 is located near the southwestern claim boundary and assayed 1143 ppm Cu, 4.0 ppm Ag and 280 ppb Au. Silt and soil samples indicate the presence of copper mineralization on the property and future soil lines should be established on the northwest portion of the property to determine the extent of copper mineralization in this area.

#### ROCK GEOCHEMISTRY

Several rock samples collected during the 1990 field season

returned assays elevated in copper, gold and silver. Rock sample 90G-23-K06, a grab sample over an area of 0.5 meters of a 5 cm wide calcite vein hosted in a lapilli tuff and mineralized with bornite assayed 12.42% Cu and 3.07 oz/t Ag. Sample 90G-23-C122 is a grab over a 1 meter area of a chlorite altered andesite mineralized with fine disseminated chalcopyrite assayed 1.58% Cu while 90G-23-W09, also a grab sample of chlorite - epidote altered andesite assayed 8111 ppm Cu, 7.9 ppm Ag and 780 ppb Au. A chlorite - epidote altered lampophyre dyke (90F-23-K07) assayed 13114 ppm Cu and 14.1 ppm Ag. A sample (90G-23-K11) of a limonitic, pyrite - chalcopyrite quartz vein assayed 0.122 oz/t Au and 9027 ppm Cu.

#### CONCLUSIONS

The Anuk property possesses alteration and mineralization consistent with a porphyry copper system. Elevated copper - gold values are found associated with highly sheared and chlorite - epidote altered volcanic rocks and silt and soil samples indicate the presence of copper mineralization on the property. The property is located in a region which has undergone tectonic forces producing northerly trending shear structures and fractures and these are host to quartz and quartz - carbonate veins containing base and precious metal mineralization

Considering elevated values of copper, gold and silver in rock, silt and soil samples, the sheared and altered nature of rocks on the property and its proximity to the porphyry complex

which generated the Galore Creek deposit all suggest the Anuk property has the potential for hosting an economic mineral deposit.

#### RECOMMENDATIONS

A detailed exploration program is required to properly assess the economic potential of the Anuk property. Results from the 1990 work program indicate chlorite - epidote altered volcanics, shear zones and quartz - carbonate veining are targets for base and precious metal mineralization. The following exploration program is recommended as the next stage in the development of the Anuk property:

- establish a grid on the northwest portion of the claims with a baseline along the ridge at an azimuth of 135 degrees and lines running to the northeast.
- soil sample the grid at 25 meter spacings.
- geological sampling and mapping of the grid.
- prospect and map the remainder of the property.
- follow-up previous sample anomalies with detailed geological mapping and trenching/channel sampling if warranted.

Respectfully Submitted

Todd Faragher

Todd Faragher  
Coast Mountain Geological Ltd.

BIBLIOGRAPHY

BCDM, 1967. Annual Report, p. 29.

Brown, D.A. and Gunning, M.H., 1988. Geology of the Scud River Area, Northwestern British Columbia (104 G/5, 6). British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1988, Paper 1989-1.

Forster, Douglas B., 1988. Dokdaon Creek Project, Summary Report, Dok 1-6 claims, Liard Mining Division, British Columbia.

Geological Survey of Canada, 1978. 1:50,000 scale aeromagnetic survey map, Scud River, Map 9248 G.

Kushner, W.R., 1990. Summary Report on the Anuk Property. Schellex Gold Corp. assessment report, private communication.

Logan, J.M., V.M. Koyanagi and D. Rhys, 1989. Geology and Mineral Occurrences of the Galore Creek Area. Ministry of Energy, Mines and Petroleum Resources, Open File 1989-8.

Souther, J.G., 1971. Telegraph Creek Map area. Geological Survey of Canada Paper 71-44, Map 11, 1971.

STATEMENT OF COSTS

<b>Mob/Demob:</b>	\$ 1800.00
<b>Project Prep:</b>	\$ 750.00
<b>Personnel:</b>	
Project Geologist	1 day @ \$ 450/day      \$ 450.00
Geologist	1 day @ \$ 370/day      \$ 370.00
Geologist	1 day @ \$ 275/day      \$ 275.00
Geologist/Climber	1 day @ \$ 480/day      \$ 480.00
Climber	1 day @ \$ 380/day      \$ 380.00
Prospector	2 days @ \$ 250/day      \$ 500.00
<b>Helicopter:</b>	
1.5 hours @ \$ 700.00/hr	\$ 1050.00
<b>Camp Charges:</b>	
Crew	7 days @ \$ 140/day      \$ 980.00
Pilot	3 days @ \$ 140/day      \$ 112.50
	( 30% pro rata)
<b>Geochemical Analysis:</b>	
19 rock samples @ \$ 10.15/sample	\$ 192.85
7 silt samples @ \$ 8.20/sample	\$ 57.40
8 soil samples @ \$ 8.20/sample	\$ 65.60
Fire assay 3 rock samples @ \$15/sample	\$ 45.00
Freight (Scud to Smithers) 90 lbs @ \$0.98/lb	\$ 88.20
<b>Expediting:</b>	\$ 30.00
<b>Radio rentals and Consumables</b>	<hr/> \$ 105.00
<b>Subtotal:</b>	\$ 7731.55
<b>13.5% Management Fee:</b>	\$ 1043.76
<b>Report, Drafting &amp; Reproduction</b>	<hr/> \$ 1240.00
<b>Total Cost:</b>	\$10,015.31

STATEMENT OF QUALIFICATIONS

I, Todd A. Faragher of 9110 - 120 Street, Edmonton, Alberta do hereby certify that:

1. I am a graduate of the University of Alberta with a Bachelor of Science Degree in Geology, 1988.
2. I am a member in training with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
3. I have practised my profession as a geologist for three years in British Columbia.
4. That this report is based on information provided to myself by Coast Mountain Geological Ltd., government publications and reports filed with Government of British Columbia.
5. I have no direct or indirect interest in either Schellex Gold Corp. or Wirlwind Resources, nor do I expect to receive any.

Dated at Vancouver, British Columbia, this 25 day of February, 1991.

Todd Faragher  
Todd Faragher, B.Sc.

APPENDIX 1

## ROCK SAMPLE SHEET

Samper BK  
Date \_\_\_\_\_

Property  $\Delta_{\text{NUK}}$  (23)

NTS \_\_\_\_\_

C-CHIP G-SRAB F-FLOAT

**COAST  
COUNTY**

GEOLOGICAL LTD.

MINERAL EXPLORATION CONSULTANTS

## **Geocnetrical Data Sheet - ROCK SAMPLING**

**MINERAL EXPLORATION CONSULTANTS**  
**Sampler** C.R.  
**Date** \_\_\_\_\_

Project ANUK  
Property 23

**NTS** \_\_\_\_\_

**Location Ref** \_\_\_\_\_

Air Photo No \_\_\_\_\_

## ROCK SAMPLE SHEET

Sampler Andrew Wilkins  
Date 16-Jun-90

Property Anuk R90-03-23

NTS 104G/4

## COAST MOUNTAIN GEOLOGICAL LTD.

## ROCK SAMPLE SHEET

QUEST. CANADA RESOURCES UJRP.

Sampler Ostend  
Date August 30/90

Property Anuk #23

NTS 104 G/4

C-CHIP G-GRAB F-FLOAT

APPENDIX 2

FEB 22 17:05  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE (604) 253-3158 FAX (604) 253-1716

DATE REPORT MAILED:

Feb 22/91..

## ASSAY CERTIFICATE

Quest Canada Exploration FILE # 90-4399R

SAMPLE#	Au** oz/t
90G-23-K-11	.122

AU\*\* BY FIRE ASSAY FROM 1 A.T.  
SAMPLE TYPE: ROCK PULP

SIGNED BY... *C.J.* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

DATE RECEIVED: FEB 18 1991

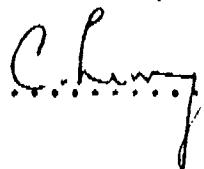
DATE REPORT MAILED: Feb 21/91.

## ASSAY CERTIFICATE

Quest Canada Exploration FILE # 90-4291R3

SAMPLE#	Cu %	Ag** oz/t
90G-23-C122	1.58	-
90G-23-K06	12.42	3.07

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 10 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: ROCK PULP

SIGNED BY  D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

## Coast mountain Geological Inv.

FILE # 70-2014

Page 4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L21-WO-13	1	29	15	92	.4	7	12	1171	3.57	8	11	ND	5	63	1.4	2	2	51	.80	.126	10	19	1.04	226	.09	5	1.70	.01	.19	1	12
L21-WO-16	1	73	14	42	.1	7	11	433	2.38	12	5	ND	2	68	.6	2	3	54	.89	.196	6	15	.69	42	.08	2	1.03	.01	.10	2	11
L22-WO-3	1	149	13	85	.5	5	16	663	3.94	10	5	ND	1	134	1.9	2	2	81	1.10	.217	6	15	1.07	66	.10	11	1.39	.01	.32	1	34
L22-WO-4	1	117	8	71	.3	7	14	616	3.24	12	5	ND	1	121	1.2	2	2	68	1.33	.212	5	12	1.00	50	.10	8	1.35	.01	.23	1	13
L22-WO-5	1	103	13	68	.4	12	16	881	5.39	19	5	ND	1	123	2.1	2	2	108	1.31	.228	8	25	1.10	123	.11	12	1.61	.02	.24	1	25
L22-WO-6	1	79	17	58	.3	8	14	796	6.25	10	5	ND	1	158	1.5	2	2	136	1.77	.267	10	25	1.00	109	.12	13	1.48	.04	.26	1	31
L22-WO-7	1	102	12	86	.4	21	13	870	4.02	8	11	ND	1	114	1.3	2	2	88	1.16	.200	10	31	1.11	101	.10	6	1.52	.01	.25	1	9
L22-WO-8	1	83	2	43	.3	5	12	536	3.33	8	5	ND	1	104	1.1	2	2	71	1.39	.216	6	16	.80	59	.12	9	1.10	.01	.17	2	1
L22-WO-9	2	42	12	158	.6	28	14	1397	3.04	15	25	ND	2	66	1.0	3	2	62	.84	.116	13	42	.78	206	.09	8	2.70	.02	.12	1	1
L22-WO-14	3	100	18	80	.3	15	13	1124	3.31	9	8	ND	1	91	1.0	2	3	63	1.30	.141	14	25	.66	205	.06	5	1.90	.02	.13	2	1
L22-WO-15	1	88	20	109	.5	11	13	781	7.82	11	5	ND	1	213	1.9	2	2	167	2.21	.309	12	37	.88	103	.11	7	1.26	.04	.24	1	1
L23-WO-1 ✓	1	191	6	75	.3	10	24	1172	5.57	8	5	ND	1	122	1.9	3	2	106	1.14	.217	6	21	1.53	110	.11	2	2.06	.01	.39	1	11
L21-KO-26	1	76	11	101	1.9	21	21	1023	4.17	9	5	ND	1	72	1.3	5	2	89	.76	.128	9	27	1.37	347	.14	7	2.36	.02	.39	1	7
L21-KO-27	2	51	5	126	1.1	27	17	1428	3.54	10	22	ND	2	98	1.2	3	2	59	1.18	.138	10	55	1.33	228	.12	4	2.42	.01	.23	1	1
L21-KO-30	1	69	7	58	.6	10	13	574	3.07	6	5	ND	2	76	.9	2	2	60	.89	.194	8	19	.93	103	.11	3	1.37	.01	.17	1	1
L22-KO-001	1	152	18	40	.6	10	20	698	8.32	13	5	ND	1	224	1.1	2	2	160	2.84	.338	11	36	.84	120	.11	10	1.03	.02	.38	1	3
L22-KO-002	1	128	7	60	1.1	19	16	765	6.34	16	5	ND	1	242	1.6	6	2	144	2.15	.434	13	43	1.77	147	.12	14	1.74	.02	.64	1	1
L22-KO-003	1	132	13	67	2.0	14	17	976	6.47	12	5	ND	1	239	1.4	7	2	172	2.93	.353	12	35	1.69	167	.13	4	1.91	.01	.44	1	1
L22-KO-004	1	452	16	52	.8	21	16	680	3.63	10	5	ND	1	254	1.0	6	2	96	2.69	.323	9	40	1.55	540	.08	2	1.49	.01	.50	1	3
L22-KO-005	1	204	12	81	1.9	15	17	848	6.12	10	5	ND	1	232	1.7	4	2	153	2.16	.311	10	32	1.42	187	.11	7	1.60	.01	.46	1	1
L22-KO-006	1	105	9	62	.5	9	17	872	8.54	6	5	ND	1	226	1.5	3	2	200	2.23	.331	10	30	1.21	107	.13	13	1.45	.01	.34	1	2
L22-KO-007	1	150	17	81	1.1	10	20	1128	7.23	9	5	ND	1	230	1.3	5	2	217	2.23	.293	10	25	1.63	159	.15	5	1.85	.01	.49	1	6
L22-KO-008	1	129	17	65	1.3	10	18	980	7.98	8	5	ND	1	254	2.3	4	2	219	2.71	.369	11	30	1.39	92	.14	7	1.58	.01	.34	1	15
L22-KO-009	1	129	12	62	1.6	9	16	933	7.13	10	5	ND	1	229	1.2	3	2	199	2.46	.331	10	22	1.36	89	.14	9	1.57	.01	.34	1	1
L22-KO-010	1	133	8	60	1.4	11	17	903	6.14	13	5	ND	1	225	1.7	4	2	190	2.39	.315	11	25	1.41	93	.14	4	1.59	.01	.33	1	2
L22-KO-011	1	145	12	86	.7	10	22	1372	7.62	9	5	ND	1	221	1.8	4	2	242	3.14	.329	11	22	1.86	172	.17	7	2.17	.02	.61	1	20
L22-KO-012	1	75	13	58	.5	12	17	975	5.67	16	5	ND	1	233	1.4	3	2	202	2.89	.343	12	25	1.35	139	.15	2	1.51	.01	.37	1	3
L22-KO-013	1	92	12	40	.4	14	15	676	5.74	16	5	ND	1	232	1.4	3	2	155	2.11	.325	12	38	1.01	148	.14	9	1.28	.09	.35	1	5
L22-KO-014	1	65	17	52	.3	10	16	1045	8.32	10	5	ND	1	266	.8	4	2	240	3.41	.364	12	31	1.17	172	.16	7	1.62	.03	.47	1	2
L22-KO-015	1	101	27	79	.7	6	18	1256	8.40	8	5	ND	1	267	1.4	5	2	264	4.18	.385	12	26	1.39	330	.18	10	1.82	.01	.54	1	3
L22-KO-016	1	65	13	59	.6	8	15	1035	7.39	10	5	ND	2	279	.9	3	2	261	4.36	.365	12	19	1.13	319	.18	5	1.56	.01	.46	1	2
L22-KO-017	1	106	16	78	1.2	8	21	1238	7.46	13	5	ND	1	203	1.5	4	2	241	3.04	.331	10	19	1.66	178	.17	5	2.11	.01	.59	1	4
L22-KO-018	1	152	10	65	1.1	10	18	1011	5.39	7	5	ND	1	188	1.8	4	2	186	2.53	.294	8	28	1.77	149	.15	2	1.94	.01	.63	1	1
L22-KO-019	1	169	9	70	1.5	12	18	1103	5.34	12	5	ND	1	183	1.1	3	2	173	1.85	.312	12	22	1.40	140	.10	7	1.61	.01	.29	1	7
L22-KO-020	1	130	21	141	1.2	13	21	963	5.27	12	5	ND	1	160	1.3	4	2	142	1.76	.245	6	16	2.03	119	.14	9	2.29	.01	.33	1	2
L22-KO-021	1	106	17	78	.8	8	14	746	4.22	7	5	ND	1	143	1.2	2	2	114	1.73	.296	6	16	1.25	124	.12	2	1.39	.01	.39	1	1
STANDARD C/AU-S	18	63	36	130	7.7	71	31	1045	3.76	42	16	7	36	50	18.8	15	21	55	.48	.095	35	61	.82	178	.07	36	1.83	.06	.14	11	45

SAMPLE#	std		unit		G		ogi		L		E		D-2		ge																
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L22-KO-022	1	157	22	142	.6	8	17	992	4.09	10	5	ND	1	177	2.2	4	2	126	1.95	.262	9	15	1.59	221	.14	4	2.04	.02	.32	1	12
L22-KO-023	1	54	16	98	.4	8	10	502	2.53	8	5	ND	1	173	.8	2	2	95	1.38	.267	10	16	.98	73	.11	7	1.50	.02	.15	1	10
L22-KO-024	1	164	25	176	.6	12	20	1238	4.83	8	5	ND	1	150	2.3	5	2	121	1.57	.270	7	17	1.52	201	.10	2	2.01	.01	.30	1	5
L22-KO-025	1	189	22	178	1.3	13	21	1283	5.61	8	5	ND	1	146	2.5	5	2	131	1.55	.283	9	19	1.60	215	.11	2	2.13	.01	.33	1	40
L22-KO-028	5	48	2	92	2.2	8	9	1614	2.66	3	41	ND	1	88	1.1	2	2	35	1.27	.129	17	15	.54	221	.04	2	1.48	.01	.11	8	1
L22-KO-029	6	248	15	122	2.3	13	28	1090	5.98	20	7	ND	1	82	2.0	3	2	74	.96	.174	11	16	.88	147	.08	2	1.67	.01	.10	1	420
L22-G-90-004	1	111	5	62	.2	5	14	587	3.26	4	5	ND	1	124	.4	2	2	71	1.45	.239	5	11	.95	46	.11	6	1.34	.01	.20	1	9
L23-G-90-002	1	321	12	98	.5	14	33	1482	7.30	18	5	ND	1	166	1.9	11	2	138	2.78	.217	8	24	1.93	238	.13	2	3.15	.02	.48	1	3
L23-G-90-003	1	200	5	53	.1	11	22	989	5.23	19	5	ND	1	123	1.6	4	2	98	1.12	.215	6	13	1.15	63	.11	2	2.04	.01	.19	1	1
L23-GO-1	1	148	8	53	.3	5	14	868	3.77	2	5	ND	1	200	1.4	4	2	85	2.83	.261	7	9	1.30	94	.11	6	1.73	.01	.39	2	3
L23-GO-2	1	177	2	55	.2	6	22	1073	5.53	2	5	ND	1	122	1.6	3	2	106	1.22	.284	8	12	1.25	125	.10	5	1.81	.01	.30	1	4
90S-16-K01	1	75	7	49	.5	1051	67	570	8.82	2	5	ND	1	141	.8	2	2	92	3.08	.042	2	453	9.54	209	.01	12	4.84	.02	.08	1	1
90S-16-K02	1	170	11	23	.2	521	66	573	3.47	7	5	ND	1	80	.7	5	2	51	4.17	.122	4	90	2.39	214	.01	2	1.05	.01	.10	1	1
90S-16-K03	4	162	13	42	.5	747	72	943	7.93	24	5	ND	1	72	1.5	2	2	91	3.71	.081	4	315	6.42	156	.01	9	2.83	.01	.04	1	2
90S-16-K04	1	80	2	42	.5	520	41	724	7.40	4	5	ND	1	58	2.0	2	2	125	2.02	.083	4	522	4.57	200	.08	7	2.05	.02	.04	1	1
90S-16-K05	4	97	7	70	.7	519	42	697	8.16	23	5	ND	1	46	1.5	7	2	111	1.82	.100	6	402	3.83	149	.06	5	1.75	.03	.04	1	3
90S-16-W1	1	102	11	64	.4	772	65	883	8.29	4	5	ND	1	113	1.2	5	2	93	2.81	.072	8	284	3.27	360	.02	11	2.01	.02	.05	1	5
90S-16-W2	5	1033	37	222	2.6	214	55	968	17.54	147	5	ND	1	25	.9	27	2	159	1.78	.078	9	131	1.80	55	.13	12	2.78	.02	.04	1	10
90S-16-W3	3	260	23	156	.9	504	44	1094	9.60	181	5	ND	1	40	2.2	11	2	106	1.10	.120	11	177	3.99	192	.14	14	3.33	.05	.15	1	32
90S-16-W4	1	66	2	34	.4	1115	66	474	6.96	20	5	ND	1	95	1.3	2	4	64	4.09	.039	2	279	6.90	139	.01	9	1.66	.01	.08	1	1
90S-16-W5	1	89	5	42	.4	667	42	643	9.22	3	5	ND	1	29	.3	2	2	126	.50	.060	4	628	4.99	106	.09	6	1.79	.04	.04	1	1
90S-16-W6	5	90	9	59	.3	682	54	763	8.05	16	5	ND	1	33	1.9	8	2	74	1.86	.100	13	233	2.24	143	.03	7	1.57	.02	.07	1	1
90S-16-W7	1	81	11	39	.4	927	64	467	6.97	2	5	ND	1	85	.8	2	4	68	2.21	.043	3	406	9.04	44	.08	10	5.26	.01	.07	1	4
STANDARD C/AU-S	19	62	36	135	7.0	73	31	1062	3.85	42	17	7	36	51	18.6	16	21	57	.50	.094	37	56	.80	180	.08	35	1.90	.06	.14	12	48

## Coast mountain Geologica Itu. LINE # 30-201

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SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Ta	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Alu <sup>a</sup>
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	%	ppm	%	ppm	%
90-F1-F01	2	24	8	39	.2	9	61	470	5.24	7	5	ND	1	82	1.7	2	2	75	2.50	.101	3	29	.75	48	.08	7	.78	.06	.15	2	36
90-F26-F02	1	836	14	189	.4	6	20	1493	7.70	14	5	ND	1	59	.2	6	2	106	6.63	.111	4	19	1.58	27	.01	4	1.69	.03	.15	1	8
90-F16-W4	1	149	5	18	.1	276	25	1222	3.40	.2	7	ND	1	143	.8	2	2	43	14.09	.042	2	146	5.77	72	.01	2	.22	.01	.07	1	2
90-F16-W6	1	23	20	134	.4	11	38	2642	8.64	.2	5	ND	1	6	1.8	11	2	101	.18	.131	7	28	1.75	19	.01	2	3.82	.05	.07	6	1
90-F16-W8	4	5	5	17	.1	18	2	324	.61	.4	5	ND	1	2	.2	2	3	4	.11	.084	2	10	.06	22	.01	4	.10	.01	.01	1	1
90-F16-W9	1	3	7	34	.2	8	4	654	2.35	19	5	ND	1	20	.3	2	2	10	1.35	.069	4	13	.38	82	.03	15	.75	.04	.16	1	1
90-F16-W13	1	324	9	196	.3	18	14	486	3.82	14	5	ND	1	12	1.2	2	2	109	4.07	.085	3	56	.52	3	.17	12	2.74	.04	.02	13	47
90-F22-W1	19	26	6	28	.1	10	7	328	1.90	14	5	ND	1	18	.2	2	2	22	.28	.059	2	16	.65	56	.06	7	.66	.03	.06	3	40
90-F22-W2	3	10	146	5	.6	6	1	72	.34	.2	5	ND	1	19	.2	2	2	2	.26	.001	3	6	.02	10	.01	2	.05	.01	.01	1	13
90-F23-W1	1	12566	8	69	17.1	10	23	1179	5.86	.2	5	ND	1	133	3.1	8	2	124	5.74	.127	4	24	2.54	122	.13	2	2.76	.03	1.03	1	300
90-F23-W2	1	34	20	90	.5	2	18	1911	9.86	27	5	ND	1	380	.2	11	2	44	16.47	.016	2	19	4.32	1412	.01	9	.16	.01	.10	1	9
90-F26-W2	4	1732	5	11	.4	14	4	314	1.09	16	5	ND	1	10	.2	2	2	2	.76	.005	2	18	.03	19	.01	2	.07	.01	.02	1	350
90-F26-W3	1	6383	9	32	.9	26	19	686	3.60	6	5	ND	1	45	1.5	2	2	30	5.91	.024	2	36	.59	77	.01	2	.68	.01	.04	1	420
90-F26-W4	5	421	8	25	.2	27	8	187	1.35	.3	5	ND	1	207	.2	2	2	15	.17	.031	2	19	.85	808	.01	5	.82	.01	.08	2	16
90-G16-F01	1	346	9	31	.1	8	15	587	5.64	.6	5	ND	1	117	1.1	2	2	94	2.05	.101	3	13	1.00	127	.17	6	3.94	.24	.20	1	6
90-G16-F02	1	774	8	60	.6	4	11	592	3.54	.5	5	ND	1	22	.8	3	2	36	2.07	.170	12	10	.94	48	.24	12	1.90	.07	.09	3	7
90-G16-F03	2	189	76	544	.6	15	11	426	2.44	141	5	ND	1	35	4.8	2	2	49	1.78	.104	3	14	.62	295	.12	7	1.70	.12	.05	2	4
90-G16-F04	1	116	9	28	.3	11	9	310	3.08	.58	5	ND	1	46	.5	2	2	57	1.24	.111	3	14	.69	33	.16	12	1.88	.15	.08	1	4
90-G16-F05	1	478	18	77	.8	49	26	1058	5.73	172	5	ND	1	45	1.1	12	3	85	4.72	.125	4	63	1.64	99	.09	11	2.36	.03	.19	3	28
90-G16-F06	1	388	10	41	.2	14	12	389	2.96	.7	5	ND	1	36	1.1	2	2	97	2.28	.108	2	25	.92	21	.26	6	2.36	.14	.07	2	6
90-G25-F05	1	7656	2	29	4.7	304	30	2308	3.54	10	5	ND	1	143	1.9	9	2	43	27.90	.012	3	212	1.42	17	.01	2	1.32	.01	.01	1	410
90-G25-F06	9	76997	14	23	23.4	311	33	700	20.48	8	5	7	1	8	8.3	10	17	71	.44	.010	2	202	.92	27	.01	8	1.31	.01	.01	13	4220
90-G26-F01	3	240	5	33	.1	6	4	840	2.12	3	5	ND	1	78	.2	2	5	7	4.98	.098	2	12	.80	82	.01	10	.08	.01	.04	1	17
90-G26-F03	1	5484	11	121	1.2	4	11	2107	6.53	4	7	ND	1	93	1.6	6	2	45	11.27	.067	7	17	1.66	29	.01	3	2.85	.03	.09	1	4
90-G26-F04	1	2123	2	132	.5	3	15	1252	5.93	.3	5	ND	1	38	.8	5	2	54	3.31	.131	7	18	1.57	40	.01	7	2.86	.06	.15	1	7
90-G16-K01	1	38	2	27	.1	266	30	726	4.92	.2	5	ND	1	396	1.0	2	2	39	19.06	.021	2	92	7.77	493	.01	7	.42	.01	.03	1	1
90-G16-K02	1	73	2	18	.1	77	11	736	2.45	.3	5	ND	1	248	.2	2	2	12	24.62	.020	3	44	4.55	40	.01	12	.17	.01	.05	1	1
90-G16-K03	16	166	12	87	.1	35	14	575	4.85	.27	5	ND	1	24	1.4	2	2	138	1.67	.299	17	66	.47	34	.03	2	.86	.05	.08	1	2
90-G16-K04	9	271	10	53	.3	44	14	487	12.07	10	5	ND	1	27	.2	6	2	141	1.38	.106	7	124	.84	19	.30	2	1.84	.07	.05	1	1
90-G16-W1	1	37	8	18	.1	436	27	483	3.03	.23	5	ND	1	438	.2	2	2	25	18.28	.012	2	131	7.71	6	.01	2	.15	.01	.04	1	3
90-G16-W2	1	25	10	14	.1	364	32	848	3.43	.6	5	ND	1	283	.2	2	2	35	11.92	.016	2	104	7.78	966	.01	7	.32	.01	.06	1	1
90-G16-W3	1	13	4	18	.1	126	17	676	3.25	.4	5	ND	1	119	.5	2	2	40	13.84	.035	2	113	5.48	33	.01	10	.28	.01	.10	1	6
90-G16-W5	1	11	5	25	.1	520	35	412	3.32	.2	6	ND	1	119	.7	2	2	72	10.93	.038	2	407	4.75	94	.01	5	1.08	.01	.06	1	2
90-G16-W7	3	8	5	13	.1	9	5	435	1.42	.2	5	ND	1	216	.2	2	2	21	1.83	.092	2	10	.30	24	.11	9	1.31	.01	.02	1	4
90-G16-W10	1	8	10	31	.3	1	4	4052	4.23	835	6	ND	1	116	.7	4	2	4	27.05	.024	12	5	.17	13	.01	2	.22	.02	.07	1	38
90-G16-W11	1	14	31	80	.4	2	7	971	2.40	140	8	ND	1	27	.4	2	2	7	7.33	.095	14	4	.08	56	.01	7	.54	.03	.14	1	17
STANDARD C/AU-R	18	63	38	134	7.7	74	31	1076	3.94	.44	17	8	36	51	18.6	16	22	55	.48	.095	37	60	.82	180	.07	33	1.88	.06	.13	13	480

✓ ASSAY RECOMMENDED

## Coast Mountain Geological Ltd. FILE # 90-2233

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P ppm	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	U ppm	Au* ppb
90G-19-W1	2	188	8	8	7.5	6	2	74	2.72	73	5	ND	14	9	.2	3	3	1	.04	.016	14	4	.02	176	.01	2	.34	.03	.14	1	12
90G-19-W2	1	98	6	59	.3	7	18	1405	4.87	2	5	ND	1	270	.5	6	2	35	7.74	.351	4	13	1.83	191	.01	5	.73	.02	.36	1	310
90G-22-K2	1	277	3	58	.4	9	18	1109	4.66	5	5	ND	1	156	.2	7	2	50	5.71	.183	5	13	.80	696	.01	14	.61	.03	.32	1	6
90G-22-K3	1	104	4	37	.3	9	16	1157	4.56	3	5	ND	1	509	.4	4	2	67	7.73	.146	4	13	.78	90	.02	7	.92	.05	.22	1	8
90G-22-K4	1	269	8	52	.3	10	16	430	3.89	8	5	ND	1	172	.2	3	2	83	1.06	.178	4	16	1.11	35	.17	2	1.25	.07	.22	1	8
90G-22-K5	16	150	5	30	.4	6	14	336	4.51	6	5	ND	1	80	.2	6	2	120	.92	.211	3	14	1.17	88	.26	2	1.60	.06	.86	1	10
90G-22-K6	25	733	7	51	.4	7	20	1071	5.11	24	5	ND	1	235	.2	16	2	103	3.68	.142	4	11	1.39	283	.01	7	.77	.02	.22	1	21
90G-22-K7	3	105	7	54	.2	11	16	606	5.25	8	5	ND	1	42	.2	6	4	107	.62	.155	3	25	2.26	94	.24	2	1.93	.06	.60	1	12
90G-22-K8	1	97	4	63	.2	6	19	987	4.56	5	5	ND	1	159	.2	6	2	57	3.87	.158	7	12	1.54	93	.02	8	1.20	.04	.47	1	5
90G-22-W11	6	176	9	33	.2	14	16	223	2.69	10	5	ND	1	100	.2	2	2	51	1.14	.151	3	14	.55	56	.10	4	1.09	.07	.04	1	1
90G-23-K01 ✓	1	3102	4	80	2.0	12	31	712	10.72	2	5	ND	1	97	.4	9	2	83	1.13	.129	3	24	1.75	43	.11	13	1.68	.04	.17	1	43
STANDARD C/AU-R	18	58	36	130	7.2	70	31	1004	3.85	42	17	7	37	52	18.7	16	20	55	.48	.097	37	58	.87	179	.07	33	1.84	.06	.14	13	520

## Quest Canada Exploration FILE # 90-4173

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-19-F40	1	110	6	45	.12	8	16	1156	6.10	2	5	ND	1	66	.3	2	2	147	2.28	.146	6	22.13	83	.09	22.98	.03	.66	1	8		
90G-19-F41	1	921	4	56	.17	5	9	888	6.09	3	5	ND	1	46	.6	2	2	144	1.02	.160	3	41.79	37	.15	22.63	.05	.10	1	15		
90G-23-S1 ✓	5	154	19	52	.2	5	34	366	7.09	17	5	ND	5	60	.2	2	2	68	.68	.206	8	1.65	24	.16	3.87	.03	.45	1	21		
90G-32-C109	3	7	2	21	.1	4	8	521	2.84	13	5	ND	5	13	.2	2	2	9	.47	.061	11	1.14	206	.01	2.58	.02	.15	1	1		
90G-32-C110	1	201	2	29	.3	32	10	355	2.58	8	5	ND	1	43	.5	2	2	48	.94	.042	2	13.65	32	.19	21.80	.12	.04	1	5		
90G-32-C111	1	108	2	25	.1	36	15	391	3.31	4	5	ND	1	28	.2	2	2	74	.76	.075	2	22.89	17	.27	21.59	.09	.05	1	9		
90G-32-C112	2	145	3	24	.1	51	23	313	2.99	6	5	ND	1	30	.3	2	2	54	.96	.070	2	25.65	10	.22	21.30	.09	.05	1	3		
90G-32-C113	2	7	2	17	.1	3	6	383	1.70	5	5	ND	9	26	.2	2	2	51.12	.064	13	1.11	96	.01	2.36	.03	.14	1	3			
90G-32-K05	2	2	3	48	.1	5	9	807	3.19	2	5	ND	3	80	.2	4	2	28.1.44	.089	10	2.60	141	.02	21.09	.03	.15	1	1			
90F-32:R147	9	1	2	19	.1	4	6	494	2.94	13	7	ND	1	4	.2	2	2	7	.02	.011	3	1.04	43	.01	2.17	.01	.06	1	3		
90F-32:R148	2	49	8	49	.2	8	45	578	14.08	4	5	ND	3	15	1.4	2	3	71	.17	.095	3	71.53	36	.18	22.38	.03	.05	1	8		
90F-32:R149	1	437	2	102	5.4	16	12	2307	4.70	4	5	ND	1	13	3.9	2	2	12	.64	.009	3	2.28	35	.01	2.12	.01	.01	1	2		
90F-32:R152	1	1741	2	97	2.7	37	36	1289	5.19	12	6	ND	1	36	1.9	6	2	120	6.86	.062	2	78.1.92	13	.07	22.46	.01	.02	1	71		
90G-32:R150	8	89	8	21	.1	10	3	247	2.52	4	5	ND	3	52	.2	2	2	103	.59	.118	6	36.83	94	.13	21.33	.10	.23	1	9		
90G-32:R151	2	238	9	46	.2	58	38	166	2.62	7	5	ND	1	59	.5	2	2	28	.86	.125	2	37.30	13	.15	2.64	.02	.03	1	7		
90G-32:R153	1	693	2	45	.9	59	25	450	3.02	2	5	ND	1	77	.7	3	2	83	2.18	.028	2	681.42	194	.20	31.98	.06	.72	1	17		
90G-32:R154	1	3489	2	112	3.1	48	39	960	7.56	2	5	ND	1	14	1.7	2	2	142	1.72	.122	2	29.2.60	17	.08	23.26	.01	.08	1	210		
90G-32:R155	289	4466	6	212	19.2	34	34	425	8.24	19	5	ND	1	43	2.5	84	52	55	1.12	.113	10	1741.12	32	.10	21.28	.02	.11	1	110		
90G-32:R156	2	2451	2	79	4.1	74	36	521	3.83	5	5	ND	1	39	1.1	3	2	62	1.91	.017	2	701.78	33	.13	21.98	.05	.14	1	65		
90G-32-Q01	7	52	3	72	.3	3	6	482	3.38	2	5	ND	7	20	.2	3	2	26	.45	.125	9	31.19	40	.14	21.31	.05	.08	1	4		
90G-32-Q02	1	64	2	8	.1	5	4	107	1.23	2	5	ND	1	24	.2	2	2	8	.20	.011	2	4.13	111	.03	2.25	.02	.02	2	10		
90R-32-A01	1	23	2	46	.1	14	6	365	2.26	2	5	ND	2	16	.2	2	2	30	.30	.035	3	13.71	131	.16	21.27	.06	.39	2	32		
90R-32-A02	1	38	2	49	.2	9	15	443	5.58	6	5	ND	1	8	.8	2	2	163	.33	.105	4	191.61	687	.48	22.49	.08	1.72	1	2		
90R-32-A03	1	22	4	55	.1	12	4	633	2.40	2	5	ND	4	7	.2	2	2	29	.16	.015	6	12.68	146	.14	21.21	.04	.26	1	5		
STANDARD C/AU-R	18	58	38	132	7.0	71	32	1047	3.99	39	21	7	39	53	19.7	15	22	57	.52	.095	38	58.89	181	.09	351.89	.06	.13	11	490		

## GEOCHEMICAL ANALYSIS CERTIFICATE

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P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg ppm	Ba %	Ti %	B ppm	Al %	Na %	K ppm	W ppm	Au* ppb	
90F-4-C129	2	419	6	54	.5	14	11	422	3.12	13	5	ND	1	22	.5	2	2	98	1.62	.035	2	45	1.06	4	.16	3	1.23	.04	.01	2	17	
90F-4-C133	1	7	2	50	.1	75	15	701	5.44	25	5	ND	1	123	.6	2	2	104	10.58	.069	7	276	3.45	436	.07	2	4.32	.02	.04	1	21	
90F-4-C134	1	230	6	50	.4	23	19	437	3.97	9	5	ND	1	49	.6	2	2	145	2.21	.107	3	43	1.30	33	.20	3	1.96	.23	.05	1	5	
90F-4-C138	1	2369	10	183	13.5	225	38	547	5.10	58	5	ND	1	14	3.3	2	2	3	49	2.47	.063	2	197	2.43	37	.13	4	3.01	.57	.06	1	127
90F-4-R164	1	12505	2	322	45.5	18	29	813	7.09	3	5	ND	1	6	10.3	2	2	4	34	3.13	.044	2	8	.14	5	.05	2	.97	.04	.01	1	1560
90F-4-R165	1	1749	6	81	5.2	17	19	396	3.06	13	5	ND	1	38	1.8	2	2	70	2.84	.109	3	56	.77	30	.25	6	1.75	.23	.05	1	108	
90F-4-R166	1	2643	4	145	4.5	21	55	689	7.80	7	5	28	1	57	2.6	2	328	122	4.21	.083	3	83	1.45	5	.17	2	1.76	.04	.01	1	28200	
90F-8-K01	4	69	2	5	.7	15	4	127	1.81	4	5	ND	1	11	.2	2	2	9	.22	.015	4	10	.04	7	.01	4	.08	.01	.01	1	31	
90F-8-Q05	3	84	399	22	7.9	13	13	83	4.62	17	5	ND	1	2	.2	3	7	14	.05	.007	2	12	.39	15	.02	3	.45	.01	.02	1	330	
90F-8-Q06	1	781	6	43	.5	52	40	260	4.09	10	5	ND	1	32	.3	2	2	99	1.14	.084	2	39	1.70	107	.20	2	1.72	.23	.16	1	11	
90F-8A-R163	7	105	2	25	.2	101	13	123	3.85	2	5	ND	2	848	.3	2	2	36	3.81	.026	7	28	.44	47	.19	4	6.13	.47	.09	1	12	
90F-11-F06	1	219	742	6277	52.3	37	19	1548	5.32	25	5	ND	1	312	196.3	2	113	9	4.51	.086	3	17	.85	81	.01	2	.52	.01	.28	1	74	
90F-11-R170	5	749	21668	16404	169.7	15	5.	301	9.51	650	5	4	5	24	164.2	459	2	1	.27	.012	3	14	.05	2	.01	2	.19	.01	.13	1	3710	
90F-11-R172	1	1689	6899	13552	232.8	44	37	4563	19.04	1532	6	ND	3	117	167.7	289	2	5	3.49	.051	3	16	1.52	9	.01	2	.07	.01	.07	3	2400	
90F-11-R176	1	2615	106	180	14.2	41	60	607	10.12	5	6	ND	4	20	2.5	2	2	63	.54	.105	8	25	.63	27	.12	2	1.02	.02	.12	8	17	
90F-11-R177	12	106	6955	19282	54.2	21	11	3996	6.46	412	5	ND	2	65	97.4	9	2	11	1.40	.071	4	13	.36	39	.01	2	.64	.01	.26	1	230	
90F-11-R178	1	60	1752	19311	5.0	18	19	15535	10.31	13	16	ND	4	20	199.6	2	2	157	.53	.121	4	13	.94	114	.36	3	2.99	.04	1.31	4	12	
90F-11-X10	1	22	768	1829	13.6	2	1	944	.62	8	13	ND	1	222	48.7	2	34	1	36.80	.004	2	4	.13	5	.01	2	.03	.01	.01	3	12	
90F-15-W4	2	5	86	170	.4	4	2	342	.61	7	5	ND	1	64	2.0	2	2	3	6.62	.009	2	2	1.56	7	.01	4	.06	.01	.02	1	3	
90F-17-S31	3	1698	12	28	3.0	44	52	151	8.71	8	5	ND	1	44	.8	2	2	36	.43	.064	5	16	.47	21	.14	3	.70	.04	.07	5	350	
90F-19-K01	3	709	10	12	1.1	25	79	228	11.45	6	5	ND	2	51	.1.1	2	2	30	1.65	.049	2	5	.39	8	.01	2	.49	.01	.08	1	7	
90F-21-W01	3	12	9	12	.7	10	7	346	1.91	2	5	ND	3	59	.3	2	2	2	1.59	.025	2	7	.16	77	.01	2	.17	.01	.11	1	33	
90F-23-K07	1	13114	14	22	14.1	22	51	348	3.13	2	5	ND	2	388	2.3	2	2	141	1.09	.296	14	9	.63	302	.11	3	.85	.07	.67	1	102	
90F-23-K08	1	1523	1606	142	7.9	20	73	1619	5.66	7	5	ND	2	972	2.8	2	3	85	4.81	.221	6	5	1.12	51	.04	3	.27	.04	.16	1	22	
90F-23-W7	3	51	16	31	.8	12	9	801	2.44	3	5	ND	1	41	.2	2	2	22	1.82	.068	3	8	.05	100	.01	3	.28	.01	.20	1	6	
90F-23-L3	1	314	6	35	.3	5	13	2056	3.57	5	5	ND	1	579	.3	2	2	31	19.62	.091	4	3	1.21	213	.01	2	.17	.01	.11	1	4	
90G-4-C130	2	57	6	54	.5	20	5	234	3.63	4	5	ND	2	28	.2	2	2	44	.47	.026	3	16	1.90	167	.02	3	2.32	.03	.08	1	7	
90G-4-C131	3	1002	3	8	3.1	19	10	81	10.27	2	5	ND	1	5	.7	2	2	24	.09	.007	2	12	.29	82	.04	2	.38	.01	.05	1	5	
90G-4-C132	1	156	2	43	.8	38	21	268	4.80	2	5	ND	1	198	.4	2	2	92	2.45	.077	2	41	1.58	454	.18	2	4.79	.24	.45	1	5	
90G-4-C135	3	4	3	6	.2	11	1	81	.45	2	5	ND	1	3	.3	2	2	3	.06	.001	2	9	.08	8	.01	3	.12	.01	.01	1	4	
90G-4-C136	5	100	16	33	1.4	17	13	150	3.85	25	5	ND	1	7	.2	3	2	10	.29	.006	2	11	.32	34	.01	2	.56	.01	.01	1	25	
90G-4-C137	1	619	5	99	1.4	102	47	1157	6.22	14	5	ND	1	112	.7	2	2	118	8.12	.076	2	116	2.68	12	.11	2	2.86	.02	.01	1	5	
90G-4-F01	1	23	7	30	.2	35	24	570	2.69	2	5	ND	1	42	.2	2	2	62	2.66	.040	2	14	1.32	122	.08	2	1.29	.05	.27	1	2	
90G-4-F02	1	161	18	58	.4	32	8	370	3.66	2	5	ND	2	43	.2	2	2	53	.67	.027	3	45	1.07	596	.13	3	1.67	.01	.24	1	4	
90G-4-F03	2	4	3	22	.1	27	7	240	2.03	5	5	ND	1	20	.2	2	2	65	.26	.002	2	9	1.03	10	.01	2	1.01	.01	.01	1	5	
90G-4-R167	1	7656	2	218	36.7	57	56	620	9.47	23	5	ND	1	19	7.8	2	3	82	2.18	.074	2	56	1.45	56	.20	2	2.65	.37	.07	1	580	
STANDARD C/AU-R	18	57	39	131	6.7	70	32	1048	3.97	37	16	7	40	55	19.2	15	19	57	.52	.091	38	58	.90	182	.09	37	1.90	.06	.13	12	520	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR Mn Fe Sr Ca P La Cr Mg Ba Ti B W AND LIMITED FOR Na K AND Al. Au DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 11 1990 DATE REPORT MAILED: Sept 13/90 SIGNED BY: D.TOE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

## Quest Canada Exploration FILE # 90-4291

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SAMPLE#	No	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P ppm	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-11-X06	1	877	22561	69667	239.7	7	6	345	18.79	.83	5	ND	1	5	1000.2	376	29	1	1.33	.004	2	7	.02	2	.01	2	.06	.01	.01	1220	
90G-11-X07	1	1042	21557	94703	209.1	5	5	430	30.49	225	5	ND	1	7	1334.2	501	65	1	.77	.008	2	1	.03	2	.01	2	.04	.01	.01	600	
90G-11-X08	1	1546	21962	99999	173.6	4	3	295	27.27	196	5	ND	1	3	1222.1	139	6	1	.28	.008	2	1	.01	1	.01	2	.05	.01	.01	1490	
90G-11-X09	1	1287	21209	99999	247.4	4	4	638	31.28	162	5	2	2	2	1528.5	220	5	1	.23	.010	2	10	.03	3	.01	2	.09	.01	.02	280	
90G-11-X11	3	193	356	916	5.3	11	11	459	4.29	10	5	ND	1	73	12.2	2	23	46	4.96	.185	9	10	.34	41	.17	2	1.13	.02	.20	1	14
90G-11-X12	4	302	1378	10268	33.8	13	14	1435	4.10	.8	5	ND	1	93	315.8	3	169	16	4.98	.032	2	18	.31	31	.04	3	.48	.01	.20	3	54
90G-11-X13	2	383	637	5613	12.9	9	20	994	2.86	.5	5	ND	1	33	164.3	2	89	25	4.09	.036	2	7	.34	25	.04	2	.54	.01	.12	1	46
90G-15-W60	1	3	50	73	1.3	2	1	38	.10	.4	5	ND	1	187	1.2	2	4	1	36.82	.010	5	4	.44	9	.01	2	.05	.01	.02	3	3
90G-15-W61	2	71	27	70	1.3	557	42	82	2.29	.2	5	ND	1	81	.7	2	4	12	1.17	.085	2	524	1.81	3	.03	2	1.62	.04	.02	1	2
90G-15-W62	1	76	65	54	1.3	106	25	96	2.13	.26	5	ND	1	51	.7	2	5	19	1.67	.126	3	65	.32	6	.08	2	1.14	.16	.02	1	1
90G-15-W63	1	5	8	29	1.2	12	6	38	1.16	.3	5	ND	1	256	.9	2	4	13	29.08	.034	2	8	.08	2	.11	2	.18	.02	.01	2	1
90G-17-S30	5	58	12	13	1.2	29	38	92	10.59	.7	5	ND	1	9	.2	2	2	55	.11	.034	2	31	.26	19	.19	5	.38	.03	.18	1	29
90G-19-F43	9	2891	40	48	3.7	8	18	418	2.98	.5	5	ND	1	199	.9	2	2	60	3.23	.140	4	9	1.02	33	.04	2	.87	.02	.34	1	103
90G-19-F44	3	118	11	56	1.5	13	13	441	6.42	.6	5	ND	2	94	.2	2	2	134	2.03	.176	8	22	1.77	30	.13	2	1.91	.02	.37	1	14
90G-19-F45	2	337	11	31	1.6	9	12	520	4.15	.7	5	ND	1	210	.6	3	2	104	6.67	.197	4	13	1.42	18	.08	2	1.49	.04	.20	1	70
90G-19-F46	5	48	45	64	1.5	10	12	385	3.00	10	5	ND	6	125	3.0	5	2	163	2.96	.149	11	12	1.35	20	.02	2	1.44	.04	.06	1	7
90G-19-F47	4	283	15	29	1.6	52	28	356	7.69	.39	5	ND	2	61	.4	5	2	81	1.77	.142	7	52	1.07	37	.14	4	1.09	.03	.11	1	9
90G-19-F48	4	3124	1530	33	14.4	13	1	52	.86	135	5	ND	1	2	.9	5	5	1	.02	.001	2	5	.01	5	.01	2	.02	.01	.02	4	11
90G-19-F49	2	103	11	39	1.3	8	8	963	1.83	.2	5	ND	1	229	.2	2	5	13	5.35	.100	6	7	.33	601	.01	2	.62	.03	.25	3	3
90G-19-F50	1	62	11	113	1.1	7	25	1125	5.36	.3	5	ND	1	186	.4	3	2	87	2.45	.149	4	7	2.74	28	.14	2	2.39	.02	.05	1	3
90G-19-F51	2	604	112	132	1.1	26	32	146	4.11	.9	5	ND	1	121	2.1	2	2	53	1.32	.253	9	7	.16	6	.13	2	.55	.03	.03	1	8
90G-19-F52	1	378	17	38	1.4	12	17	482	3.56	.14	5	ND	2	62	.7	4	2	167	1.97	.235	8	29	2.26	29	.09	2	2.41	.04	.09	1	5
90G-19-F53	2	160	4	22	1.1	13	17	326	5.39	.5	5	ND	1	88	.3	2	3	111	2.42	.210	7	16	1.11	23	.13	2	1.00	.03	.07	1	3
90G-23-C120	1	3627	16	73	3.8	13	22	2121	4.98	.5	5	ND	1	87	.9	4	2	79	9.35	.016	2	6	3.21	32	.01	2	.12	.01	.06	1	22
90G-23-C121	1	295	234	172	1.9	4	23	1973	6.21	.3	5	ND	6	1093	1.2	3	2	162	3.80	.190	9	11	1.44	329	.18	3	1.86	.04	1.33	1	5
90G-23-C122	4	15396	4	106	11.5	9	15	846	6.42	.3	5	ND	1	20	2.3	3	2	134	.67	.158	4	15	1.47	100	.13	2	1.21	.04	.06	1	20
90G-23-C123	1	3308	45	125	3.6	11	19	1027	4.69	.6	5	ND	2	255	1.0	3	2	200	2.06	.168	7	17	1.53	996	.14	2	2.18	.53	1.08	1	9
90G-23-K05	8	102	20	44	1.4	6	26	338	7.68	.13	5	ND	6	143	.5	2	2	89	.77	.204	15	14	.45	11	.20	2	.78	.05	.27	1	9
90G-23-K06	2	99999	32	37	106.3	8	13	1190	3.98	.14	5	ND	1	312	8.3	2	2	241	4.58	.309	4	13	1.17	36	.15	2	.94	.03	.57	2	910
90G-23-W5	7	302	15	57	1.3	8	17	995	4.95	.16	5	ND	2	550	.2	2	2	159	5.17	.201	10	19	1.17	141	.10	2	2.60	.16	.61	1	3
90G-23-W6	3	239	11	30	1.4	9	9	541	2.58	.2	5	ND	1	144	.3	2	3	63	1.99	.040	2	11	.64	44	.03	2	.73	.01	.11	2	990
90G-23-W9	9	8111	88	41	7.9	13	7	716	2.06	.2	5	ND	1	101	.9	3	2	13	2.30	.026	2	49	.74	270	.01	2	.13	.01	.09	1	780
90G-23-W10	3	1306	10	65	8.1	26	69	621	18.55	.115	5	ND	3	13	.9	8	2	168	.38	.174	3	23	1.47	22	.16	2	2.67	.01	.37	14	260
90R-8-A01	2	90	55	3	44	24	273	7.33	.2	5	ND	3	68	.5	5	2	125	.98	.308	10	114	2.43	160	.24	2	4.24	.12	1.22	1	5	
90R-8-A02	4	156	4	6	14	5	189	2.21	.2	5	ND	1	434	.2	2	5	40	3.03	.053	2	27	.30	173	.10	2	4.32	.32	.15	1	160	
90R-21-A01	2	16	10	1	4	3	677	.94	.2	5	ND	10	81	2	2	4	4	2.07	.045	18	4	.11	175	.03	2	.51	.02	.28	4	3	
STANDARD C/AU-R	19	59	31	7.1	72	31	1053	3.97	.40	16	6	38	53	19.0	15	22	55	.50	.100	37	61	.90	180	.07	35	1.89	.06	.14	12	530	

ASSAY RECOMMENDED  
for Cu, Pb, Zn 71%  
Ag 7 30 ppm.

## GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-4399 Page 1  
 P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppb			
90C-17-S-32	3	484	2	7	.2	11	4	132	1.46	6	5	ND	1	7	.2	2	2	10	.05	.014	2	9	.01	72	.01	2	.12	.01	.05	1	16	
90C-17-S-33	3	13	2	18	.1	8	5	227	1.34	2	5	ND	1	30	.2	2	2	9	1.03	.046	2	28	.13	269	.01	2	.14	.03	.07	1	6	
90C-17-S-34	2	18	2	8	.1	7	2	53	1.14	5	5	ND	1	4	.2	2	2	8	.01	.009	2	6	.01	81	.01	2	.13	.01	.05	2	5	
90C-25-C-125	1	4584	2	45	1.3	131	11	1889	2.96	7	9	ND	1	122	.8	2	2	45	16.17	.017	4	82	3.17	164	.01	2	1.40	.01	.02	1	31	
90C-25-C-127	1	7932	2	49	1.8	143	16	1024	4.11	8	5	ND	1	27	.9	2	2	69	4.35	.029	3	100	2.79	53	.01	5	2.62	.01	.01	1	880	
90C-25-C-128	3	16728	2	31	2.7	304	21	1163	4.31	6	8	2	1	52	.6	2	2	60	5.84	.027	2	258	2.54	68	.01	7	2.08	.01	.02	2	1260	
90F-10-K-20	1	264	3635	5502	21.8	11	12	4897	4.71	830	5	ND	1	115	.91	7	2	15	4.71	.105	5	10	.67	60	.01	2	.40	.01	.23	1	82	
90F-10-W-22	22	642	10	45	1.9	13	25	568	36.49	102	5	ND	4	14	.8	2	2	100	.51	.043	2	1	.06	342	.02	2	.46	.01	.04	2	82	
90F-25-C-124	2	26	4	7	.1	11	3	965	1.18	9	6	ND	1	257	.3	2	2	6	10.60	.008	9	6	.11	55	.01	2	.15	.01	.02	1	6	
90F-25-C-125	1	121	3	43	.1	8	14	828	4.19	6	5	ND	1	33	.3	2	2	81	1.82	.100	3	5	1.32	36	.10	2	1.85	.04	.07	1	17	
90F-25-C-140	2	294	3	9	.1	8	10	73	3.58	2	5	ND	1	38	.2	2	2	26	1.26	.098	2	15	.26	53	.08	7	1.13	.09	.08	1	2	
90F-25-C-142	1	42	118	211	.8	69	8	2686	3.05	26	10	ND	1	286	2.0	2	2	44	20.32	.016	5	55	1.96	15	.01	2	1.73	.01	.02	1	7	
90F-25-R-186	1	7832	5	40	5.3	300	26	117	3.13	18	5	ND	1	437	.9	16	2	2	45	.47	.018	2	380	1.63	76	.01	2	1.30	.01	.03	1	12
90G-10-K-21	1	183	9	73	.6	32	31	797	6.26	4	5	ND	1	95	.6	2	2	112	3.37	.136	4	112	2.21	43	.13	2	2.35	.04	.13	1	5	
90G-10-K-22	7	14	96	164	1.1	21	5	2850	4.78	41	18	ND	1	68	1.5	2	2	15	10.99	.032	4	23	.30	335	.01	2	.60	.01	.16	1	42	
90G-10-K-23	2	47	10	22	.4	23	21	149	3.50	8	5	ND	1	56	.6	2	2	23	1.36	.143	4	24	.44	37	.24	2	.79	.05	.04	1	4	
90G-10-W-20	2	40	7	30	.1	16	9	1922	1.42	7	5	ND	1	73	.7	2	2	12	1.30	.060	3	19	.08	33	.06	2	.69	.01	.01	2	2	
90G-10-W-21	3	53	1021	1897	12.5	11	3	1165	1.12	18	5	ND	14	20	16.5	2	2	2	.27	.006	3	10	.05	411	.01	2	.24	.01	.12	3	4	
90G-10-W-23	12	474	6	38	1.0	11	62	296	7.16	4	5	ND	1	36	.8	2	2	25	2.35	.049	2	19	.35	30	.17	2	.58	.03	.03	2	25	
90G-10-W-24	17	191	8	20	.8	13	43	392	6.18	9	5	ND	1	79	.6	2	3	33	3.40	.084	3	13	.24	32	.18	2	.68	.02	.03	1	50	
90G-23-K-11 ✓	2	9027	26	88	2.7	8	3	138	2.16	455	5	3	1	4	1.8	24	2	1	.02	.006	2	6	.01	8	.01	2	.05	.01	.02	1	5250	
90G-25-C-139	7	51306	5	41	10.0	147	18	649	10.65	2	7	5	1	11	5.0	2	8	50	.66	.036	2	77	1.34	28	.01	2	1.20	.02	.02	4	6380	
90G-25-C-141	1	101	3	30	.1	632	44	893	5.20	6	5	ND	1	442	1.2	2	2	64	4.18	.029	2	400	9.62	198	.01	4	1.54	.01	.11	1	13	
90G-25-F-08	24	103	16	56	.5	35	8	434	5.12	30	5	ND	1	10	.2	2	3	2	84	.53	.085	4	40	1.37	18	.01	2	1.67	.02	.09	1	4
90G-25-F-09	2	1841	2	112	.6	3	7	894	3.22	161	5	ND	1	40	2.2	16	2	11	4.02	.054	4	2	.54	54	.01	3	.36	.01	.11	1	720	
90G-25-F-10	2	32306	5	1	6.4	6	26	833	7.43	24	19	ND	1	50	3.0	2	9	1	7.39	.009	2	3	.01	29	.01	2	.06	.01	.04	2	480	
90G-25-F-11	2	3976	3	7	.7	10	7	374	1.57	13	5	ND	1	28	.6	2	2	3	2.88	.008	2	8	.09	81	.01	2	.13	.01	.03	1	7	
90G-25-F-12	5	2301	6	45	.9	10	16	450	3.53	56	5	ND	1	13	.2	2	2	25	.97	.035	2	34	.56	49	.01	2	.97	.01	.11	2	78	
90G-25-F-13	4	10375	20	24	7.8	9	39	157	6.72	30	5	31	1	1	.8	2	2	6	.02	.010	2	4	.08	8	.01	2	.16	.01	.02	1	24600	
90G-25-R179	1	311	5	61	.2	10	20	681	5.13	5	5	ND	1	47	.4	2	2	63	.86	.110	2	6	1.77	72	.13	2	1.85	.04	.04	1	17	
90G-25-R180	2	4970	4	180	6.2	107	30	413	3.89	26	5	ND	1	33	2.7	2	2	51	1.29	.089	2	105	1.57	27	.18	3	1.94	.07	.11	1	70	
90G-25-R181	21	205	320	63	2.7	87	12	215	.87	14	5	ND	1	77	1.1	41	2	22	1.19	.003	3	190	1.25	51	.01	2	.45	.01	.03	1	11	
90G-25-R182	1	140	2	21	.2	110	25	815	4.74	8	5	ND	1	384	.3	2	2	44	3.15	.090	3	69	4.84	162	.01	2	.18	.07	.02	1	81	
90G-25-R183	1	45	2	40	.1	272	18	1498	3.36	13	7	ND	1	333	.3	2	2	34	8.03	.004	2	213	4.60	37	.01	2	.71	.01	.05	1	4	
90G-25-R184	1	1033	2	17	.7	113	9	866	1.95	4	5	ND	1	229	.5	7	2	16	4.19	.003	2	84	2.41	54	.01	4	.33	.01	.07	1	3	
90G-25-R185	1	656	3	61	.5	433	27	1039	3.66	2	5	ND	1	340	.3	3	2	47	3.46	.008	2	381	3.38	1244	.01	2	1.76	.01	.05	1	3	
STANDARD C/AU-R	18	57	38	130	6.5	67	31	1044	3.94	39	18	6	38	52	18.7	15	20	56	.51	.087	35	55	.90	180	.09	33	1.89	.06	.13	13	510	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR Mn Fe Sr Ca P La Cr Mg Ba Ti B W AND LIMITED FOR Na K AND Al. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: P1-P2 ROCK P3-P8 SOIL    AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE

DATE RECEIVED: SEP 13 1990 DATE REPORT MAILED: Sept 17/90 SIGNED BY: D.TOEY, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

## Quest Canada Exploration FILE # 90-4399

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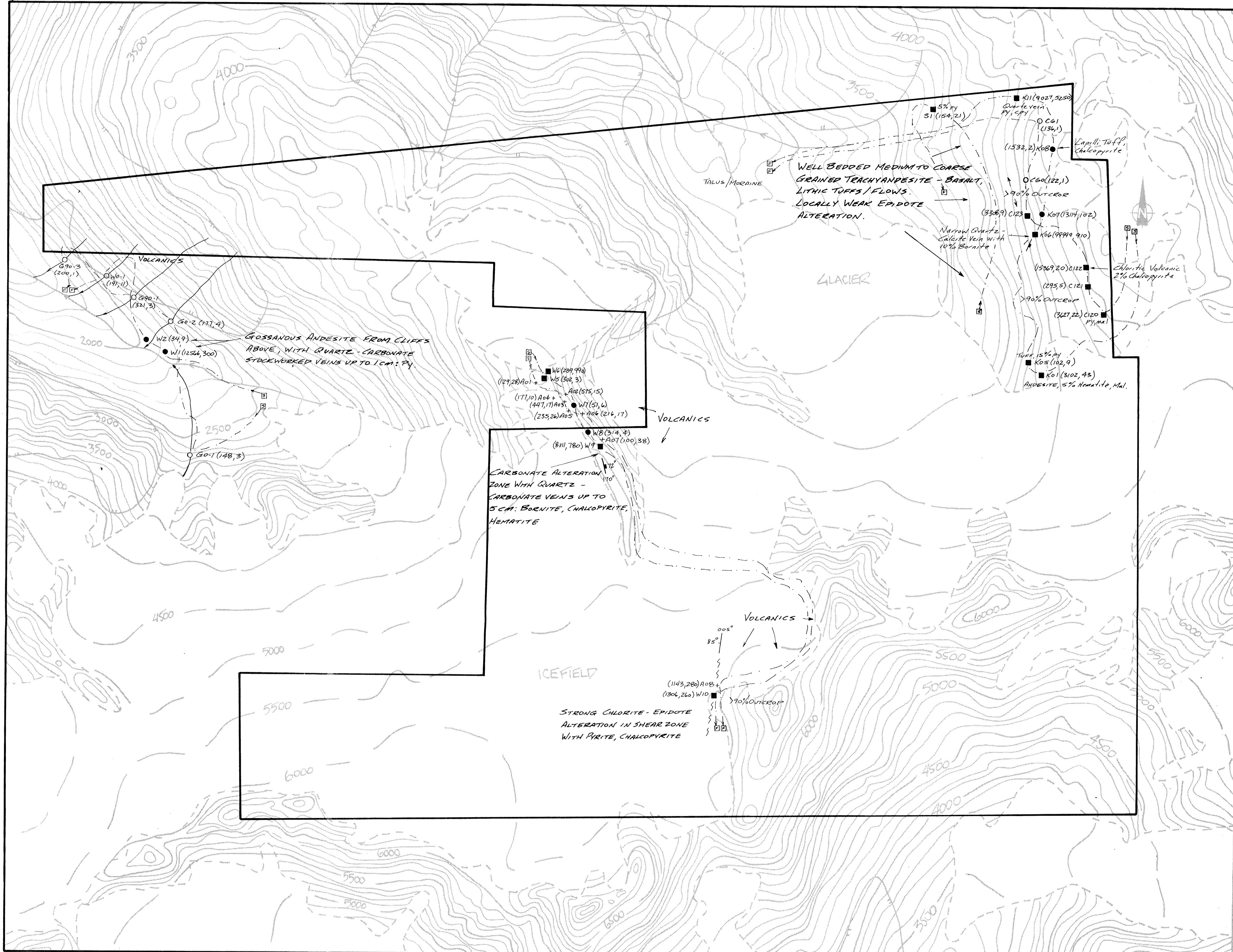
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti ppm	B ppm	Al %	Na %	K %	Li ppm	Al ppm
90L-1-A01	1	14	12	49	.1	12	13	501	3.84	7	10	ND	18	33	.4	5	2	84	.51	.079	21	20	.99	159	.05	2	1.18	.02	.04	2	8
90L-1-A02	1	19	32	69	.1	8	13	817	4.05	4	9	ND	14	40	.7	2	2	89	.63	.075	22	17	1.11	254	.07	2	1.53	.03	.07	2	3
90L-1-A03	1	9	16	41	.1	7	9	368	3.97	2	5	ND	12	21	.2	2	2	99	.41	.066	24	16	.66	97	.04	3	.79	.02	.03	2	1
90L-1-A04	2	41	43	104	.4	26	16	1381	4.33	9	6	ND	11	110	.5	4	7	73	1.36	.198	36	44	1.15	336	.02	2	2.27	.02	.07	1	16
90L-2-R1	1	16	4	17	.1	5	7	185	3.12	2	5	ND	5	35	.6	2	4	86	.78	.069	12	12	.32	59	.05	2	.51	.03	.03	1	25
90L-8A-A01	1	38	47	178	.9	33	10	750	2.84	6	5	ND	3	52	2.8	3	2	50	3.32	.066	10	39	.51	177	.07	5	1.55	.01	.04	1	6
90L-8A-A02	1	25	19	187	.5	21	7	746	2.18	6	5	ND	1	75	2.1	2	2	36	9.84	.064	7	27	.43	182	.06	4	1.21	.01	.04	7	1
90L-8A-CS1	4	72	14	192	.5	50	12	531	3.68	21	8	ND	1	28	.8	4	8	73	.82	.120	10	61	.98	115	.09	3	2.30	.02	.08	3	1
90L-8A-R1	4	61	2	168	.6	50	17	888	4.44	17	5	ND	2	44	.9	2	2	87	.81	.114	8	61	1.80	179	.10	2	2.34	.03	.18	2	4
90L-8A-R2	4	50	2	109	.1	27	16	707	4.16	12	5	ND	1	34	1.1	2	2	74	.72	.089	6	38	1.90	154	.13	2	2.46	.02	.23	1	1
90L-8A-R3	5	51	3	105	.3	31	18	894	4.44	16	5	ND	3	41	.5	4	2	91	.77	.098	9	46	1.71	183	.14	2	2.36	.02	.26	1	1
90L-10-K2D	4	149	204	426	3.9	14	28	2427	5.86	105	5	ND	2	69	3.1	2	2	119	1.63	.286	11	15	1.28	241	.12	2	1.69	.02	.36	1	1
90L-15-J10	5	74	33	203	.8	54	16	1306	3.53	25	5	ND	3	67	2.2	2	2	44	3.07	.117	18	43	1.44	213	.07	4	1.43	.02	.11	1	3
90L-15-K10	15	186	53	292	.7	75	30	1239	5.51	67	5	ND	1	106	5.0	2	2	37	10.27	.115	11	40	1.07	183	.02	2	1.38	.01	.10	1	1
90L-15-K13	1	81	24	473	.4	20	5	330	1.12	21	8	ND	1	122	8.5	2	10	16	13.25	.085	9	22	1.00	107	.01	13	.60	.01	.05	2	4
90L-15-K14	4	28	7	95	.6	33	11	377	3.33	40	5	ND	3	253	1.0	4	2	29	8.19	.075	7	31	.97	47	.01	2	.89	.01	.04	2	3
90L-15-K15	4	37	11	198	.6	41	12	644	3.11	34	5	ND	1	76	1.2	2	5	29	1.66	.087	13	31	.44	66	.03	5	.88	.01	.02	1	1
90L-21-W1	1	61	5	72	.1	13	15	602	3.01	6	5	ND	4	76	.4	2	2	56	1.03	.177	9	20	1.03	135	.10	2	1.34	.01	.19	1	3
90L-23-C60 ✓	1	122	16	90	.2	11	26	1202	9.39	10	5	ND	3	388	1.1	2	2	254	1.86	.417	17	18	1.50	371	.16	2	1.61	.02	.66	1	1
90L-23-C61 ✓	1	136	23	100	.1	12	26	1342	6.79	3	5	ND	3	239	.9	2	2	239	1.90	.420	16	17	1.79	594	.16	2	1.87	.02	.63	1	1
90L-32-W1	2	99	4	141	.6	50	27	1042	5.44	185	5	ND	4	136	1.1	13	2	99	.97	.111	8	60	1.96	233	.15	2	3.41	.03	.45	1	53
90L-32-W2	2	70	3	105	.1	39	21	797	4.78	128	5	ND	2	75	.3	7	2	83	.85	.107	7	50	1.65	119	.14	2	2.58	.04	.19	2	1
90L-32-W3	2	62	2	153	.2	33	23	1441	4.23	36	5	ND	1	45	1.0	2	4	79	.94	.079	8	42	1.22	141	.14	4	3.25	.02	.18	1	1
90S-10-A01	5	15	15	27	1.3	9	5	97	2.74	2	5	ND	1	20	.2	2	5	78	.23	.052	6	25	.21	103	.16	2	.96	.01	.05	1	1
90S-10-A02	1	41	14	75	.1	19	14	634	3.10	5	5	ND	3	49	.2	2	2	64	1.16	.116	9	29	1.11	195	.13	2	1.74	.05	.29	2	3
90S-10-A03	3	11	9	20	.1	6	4	79	3.25	5	5	ND	1	11	.2	2	2	48	.13	.294	6	24	.11	65	.09	3	.70	.01	.04	1	1
90S-10-A04	1	16	10	25	1.0	8	3	93	2.23	2	5	ND	1	15	.2	2	2	59	.24	.040	6	36	.22	73	.08	3	1.21	.01	.03	1	1
90S-10-A05	1	29	7	59	.5	20	7	253	2.94	6	5	ND	1	21	.4	2	2	63	.24	.048	7	35	.70	167	.12	3	1.82	.02	.12	1	1
90S-10-A06	3	28	3	62	.6	32	8	227	4.83	5	5	ND	1	13	.3	2	13	102	.20	.060	7	46	.58	49	.07	2	1.73	.01	.05	2	1
90S-10-A07	1	34	5	52	.2	19	10	406	2.70	4	5	ND	4	46	.2	2	3	58	1.00	.125	13	23	.69	128	.11	2	1.29	.05	.15	1	2
90S-10-A08	1	24	9	77	.2	27	10	335	3.35	6	5	ND	1	20	.5	2	5	64	.38	.076	9	38	.81	82	.10	2	2.13	.02	.07	1	8
90S-10-A09	1	34	11	157	.2	26	10	517	2.44	16	5	ND	1	69	1.5	2	2	61	1.62	.080	9	45	.85	138	.08	4	1.31	.02	.07	1	1
90S-10-A10	1	17	6	99	.1	22	6	509	1.37	3	5	ND	1	60	.6	2	2	29	1.74	.079	3	42	.66	78	.02	4	.76	.02	.02	1	2
90S-10-A11	1	21	2	93	.2	78	24	706	4.06	9	5	ND	3	50	.7	2	2	115	1.70	.185	28	277	3.27	93	.16	2	3.33	.01	.10	1	1
90S-10-A12	1	73	6	127	.2	81	31	708	6.18	6	5	ND	1	55	1.1	2	2	131	.90	.061	4	69	2.32	94	.21	3	3.88	.04	.13	1	2
90S-10-A13	1	30	6	58	.2	13	9	396	2.94	3	5	ND	1	26	.2	2	10	72	.54	.111	8	23	.67	66	.08	2	1.18	.03	.12	1	1
STANDARD C/AU-S	20	63	36	132	7.2	73	32	1052	3.97	39	18	7	39	55	19.7	16	21	57	.52	.1095	39	58	.90	182	.07	35	1.88	.06	.14	11	46

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	Rb ppm	U ppm	Au ppm	Th ppm	Sr ppm	Td ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	Li ppm	Au* ppb
90S-10-A14	1	22	3	55	.7	22	7	230	3.20	.7	5	ND	4	14	.8	5	2	58	.23	.094	7	38	.51	67	.06	2	3.03	.01	.03	1	8
90S-10-A15	1	11	10	109	.4	24	9	337	3.25	.5	5	ND	2	14	.8	2	2	48	.36	.139	6	27	.52	66	.08	2	2.17	.01	.04	1	14
90S-10-A16	1	18	12	122	.1	16	7	331	2.27	.6	5	ND	1	22	.9	2	7	29	.66	.054	5	20	.39	33	.05	2	.96	.01	.03	1	8
90S-10-A17	1	53	14	82	.6	23	19	870	3.70	.7	5	ND	6	42	.5	4	7	67	1.16	.127	10	25	1.28	153	.14	3	1.72	.04	.34	1	9
90S-10-A18	1	11	5	44	2.5	9	6	193	1.46	.2	5	ND	2	20	.3	3	7	35	.45	.055	4	17	.76	34	.18	2	.91	.02	.05	2	10
90S-10-A19	2	33	6	36	.2	10	5	223	1.24	.3	5	ND	1	27	.5	2	10	26	.47	.057	4	14	.19	62	.03	2	.67	.01	.04	2	8
90S-10-A20	1	14	10	50	.5	11	8	352	2.45	.5	5	ND	2	21	.3	2	4	54	.40	.050	4	19	.91	60	.10	3	1.37	.02	.05	1	9
90S-10-A21	1	26	3	73	.4	28	16	740	3.60	.3	5	ND	2	45	.3	4	6	77	.82	.094	6	37	1.27	145	.12	2	1.73	.03	.43	1	16
90S-10-A22	2	19	4	57	.3	14	11	728	2.92	.2	15	ND	1	122	.7	2	2	63	1.88	.084	8	25	.77	236	.07	2	1.89	.02	.10	1	1
90S-10-A23	1	40	6	74	.1	36	13	597	3.12	.3	5	ND	2	45	.2	2	2	61	.85	.090	9	31	1.01	151	.09	2	1.61	.04	.15	1	2
90S-10-A24	3	10	7	47	.1	8	6	280	2.77	.4	5	ND	1	23	.2	2	2	78	.21	.035	3	18	.51	75	.13	4	1.05	.01	.06	1	4
90S-10-A25	1	5	6	20	.1	5	4	105	1.31	.4	5	ND	1	15	.2	2	2	32	.13	.024	2	13	.25	47	.05	2	.56	.01	.03	1	12
90S-15-K11	28	1032	672	7352	25.5	66	30	1790	18.21	904	5	ND	3	33	54.8	32	16	92	2.34	.037	18	50	1.00	254	.06	3	1.70	.01	.10	7	470
90S-23-A01	1	129	46	242	.2	120	40	1259	6.77	.4	5	ND	15	4171	.12	2	2	108	3.51	1.251	217	92	2.19	1572	.07	2	3.82	.83	.87	1	28
90S-23-A02	4	575	13	162	.7	19	36	2163	9.01	182	5	ND	1	76	.3	16	3	127	.71	.197	12	14	.44	178	.01	2	1.05	.01	.11	1	15
90S-23-A03	3	447	19	134	.7	14	27	2482	7.47	.74	5	ND	1	53	.2	8	6	143	.69	.151	17	5	.29	461	.01	4	.86	.01	.11	1	17
90S-23-A04	1	177	15	92	.6	18	30	1252	6.59	.8	5	ND	2	70	.4	2	10	190	.98	.280	11	11	.81	124	.03	6	1.28	.01	.19	1	10
90S-23-A05	1	235	14	99	.3	15	26	1085	5.70	.18	5	ND	1	123	.4	5	2	123	.93	.229	15	12	.91	193	.08	2	1.15	.01	.14	2	26
90S-23-A06	2	216	20	106	.5	16	33	2277	7.19	.26	15	ND	2	75	.4	2	10	112	.75	.182	13	15	.75	407	.06	2	1.08	.01	.16	1	17
90S-23-A07	1	100	15	109	.3	17	33	1513	7.93	.2	7	ND	2	34	.4	2	9	90	.63	.171	16	17	.74	433	.05	2	1.31	.04	.17	1	38
90S-23-A08	3	1143	60	66	4.0	39	52	733	16.81	169	5	2	3	209	1.5	14	2	116	.64	.162	6	11	1.18	39	.12	11	1.91	.02	.07	1	280
90S-26-A01	2	306	45	164	1.3	19	36	3145	8.84	.54	5	ND	1	46	.8	7	2	91	.62	.098	8	10	.35	274	.01	6	.92	.01	.08	1	93
90S-26-A02	1	57	10	102	.5	59	24	2197	6.25	.16	5	ND	1	40	.4	6	8	48	1.37	.130	7	21	.27	148	.01	5	.73	.01	.06	1	4
90S-26-W1	15	326	15	124	.8	36	42	1931	7.70	.43	5	ND	1	32	.4	14	9	75	.61	.076	5	18	.59	256	.01	8	1.04	.01	.09	1	12
90S-26-W2	7	220	10	140	.2	23	22	699	5.90	.28	5	ND	3	21	.6	4	13	65	.35	.078	15	26	1.05	326	.02	4	1.85	.01	.08	1	5
STANDARD C/AU-S	19	59	40	131	7.0	71	32	1052	3.97	39	16	7	38	55	18.8	15	17	56	.51	.096	39	57	.90	182	.07	34	1.89	.06	.13	13	54



**GEOCHEMISTRY**

SAMPLE #	ROCK SAMPLES		
	Cu (ppm)	Au (ppb)	Ag (ppm)
90-G23-C120	3627	22	3.8
90-G23-C121	275	.5	.9
90-G23-C122	15369	20	11.5
90-G23-C123	3308	9	3.6
90-G23-K01	3102	43	2.0
90-G23-K03	102	9	.4
90-G23-K06	99999	910	106.3
90-G23-K07	13114	102	14.1
90-F23-K08	1523	22	7.9
90-G23-K11	9027	5250	2.7
90-G23-S1	154	21	.2
90-F23-W1	12566	300	17.1
90-G23-W2	34	9	.5
90-G23-W5	302	3	.3
90-G23-W6	239	990	.4
90-F23-W7	51	6	.8
90-F23-W8	514	4	.3
90-G23-W9	8111	780	7.9
90-G23-W10	1306	260	8.1

SAMPLE #	SILT SAMPLES		
	Cu (ppm)	Au (ppb)	Ag (ppm)
L23-W0-1	191	11	.3
L23-A0-1	148	3	.3
L23-G0-2	177	4	.2
L23-G90-2	321	3	.5
L23-G90-3	200	1	.1
90-L23-C60	122	1	.2
90-L23-C61	136	1	.1

SAMPLE #	SOIL SAMPLES		
	Cu (ppm)	Au (ppb)	Ag (ppm)
90-S23-A1	139	28	.2
90-S23-A2	575	15	.7
90-S23-A3	447	17	.7
90-S23-A4	177	10	.6
90-S23-A5	235	26	.3
90-S23-A6	216	17	.5
90-S23-A7	100	38	.3
90-S23-A8	1143	280	4.0

**LEGEND:**

- ROCK GRAB SAMPLE
- ROCK FLOAT SAMPLE
- STREAM SEDIMENT SAMPLE
- + SOIL SAMPLE
- KOI (Cu ppm, Au ppb)
- FAULT, SHEAR (STROKE, DIP)
- VEIN
- TRAVERSE

**ANUK PROPERTY**  
SAMPLE LOCATION MAP  
LIARD MINING DIVISION  
COAST MOUNTAIN GEOLOGICAL LTD.  
PRAWN BY: CB. NTS. 104G/4E DATE: FEB. 1991 FIGURE: 4

**21146**

SCHELLEX GOLD CORP.  
WIRLWIND RESOURCES LTD.