

LOG NO: <i>March 26/91</i> RD.
ACTION:
FILE NO:

1991 SUMMARY REPORT
on the
SUD PROPERTY

LOG NO: OCT 16 1991 RD.
ACTION: <i>Final Report</i>
FILE NO:

Liard Mining Division
British Columbia

North Latitude 57° 16' West Longitude 131° 36'

NTS 104 G/5e

Prepared For

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

Prepared By

COAST MOUNTAIN GEOLOGICAL LTD.
P.O. Box 11604
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V6B 4N9

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MARCH 1 1991
M.R. # _____
VANCOUVER, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
21,144

March, 1991

Todd Faragher, B.Sc.
Geologist

TABLE OF CONTENTS

	page
Summary	2
Introduction	4
Location/Access	4
Topography/Physiography	5
Claim Status	5
History	6
Regional Geology	7
Property Geology	7
Mineralization	8
1990 Work Program	9
Silt and Soil Geochemistry	10
Rock Geochemistry	11
Conclusions	11
Recommendations	12
Bibliography	13
Statement of Costs	14
Statement of Qualifications	15

APPENDICES

Appendix 1	Rock Descriptions
Appendix 2	Analytical Results

TABLE OF ILLUSTRATIONS

<u>Figure</u>		<u>Following Page</u>
1	Property Location	4
2	Claim Location	5
3	Regional Geology	7
4	Sample Location/Geochemistry	In Pocket

SUMMARY

The Sud property is comprised of one modified grid mineral claim totalling 20 units within the Liard Mining Division and located approximately 75 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 Sud property covers an area of pyritic, foliated argillite and siltstone in contact with a body of quartz monzonite along the properties western boundary. Two large scale, northwesterly trending, high angle faults cut through the property and these may be related to the Cone Mountain Fault located 2.5 kilometers to the east. Numerous small shear zones occur throughout the property and many host pyritic, pyrrhotite and chalcopyrite mineralized quartz and quartz - carbonate veins.

The 1990 work program consisted of prospecting and surface sampling. Several rock and soil samples assayed returned elevated values in copper, zinc, silver and gold. Rock grab sample 90G-13-R120 of a limonitic siltstone containing 5% pyrrhotite assayed 368 ppm Cu, 110 ppm Zn and 0.8 ppm Ag while soil sample 90S-13-R10 assayed 148 ppm Cu, 127 ppm Zn, 0.7 ppm Ag and 112 ppb Au.

Considering assay results, property geology and structure and its proximity to the Cone Mountain Fault and Galore Creek copper -

gold porphyry deposit, the Sud 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 geologic mapping, prospecting and further surface sampling.

INTRODUCTION

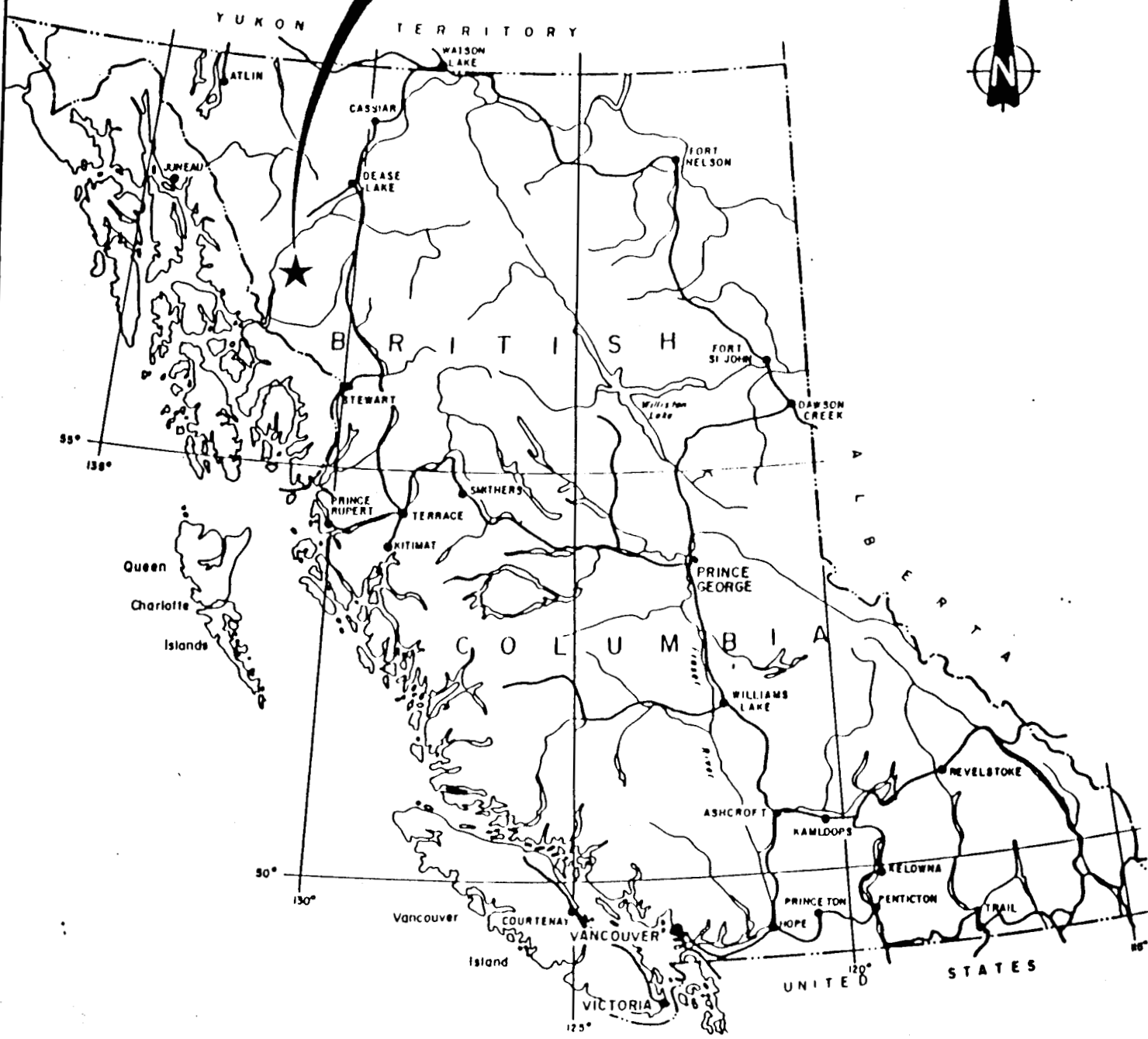
This assessment report has been prepared to describe and evaluate work completed on the Sud property during the 1990 field season. Two mandays of fieldwork were carried out on August 13, 1990 and consisted of prospecting and surface sampling. Work completed was to evaluate the property for potential 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 Sud property is situated within the Coast Range Mountains and is located approximately 75 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° 16' latitude and 131° 36' longitude on NTS mapsheet 104 G/5.

Access to the property is via helicopter from the Galore Creek camp located 18 kilometers to the southeast or the Scud River airstrip 13 kilometers to the west. These airstrips are accessible to fixed wing aircraft chartered from Smithers, Dease Lake or Bronson Creek.

PROPERTY
LOCATION



95°
138°

90°
130°

125°

120°

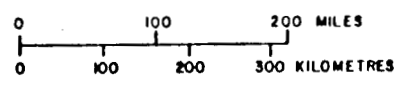
85°

SCHELLEX GOLD CORP.

SUD PROPERTY
PROPERTY LOCATION MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.



DRAWN BY: BK	NTS 1Q4G/5	DATE APRIL, 1991	FIGURE: 1
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TOPOGRAPHY/PHYSIOGRAPHY

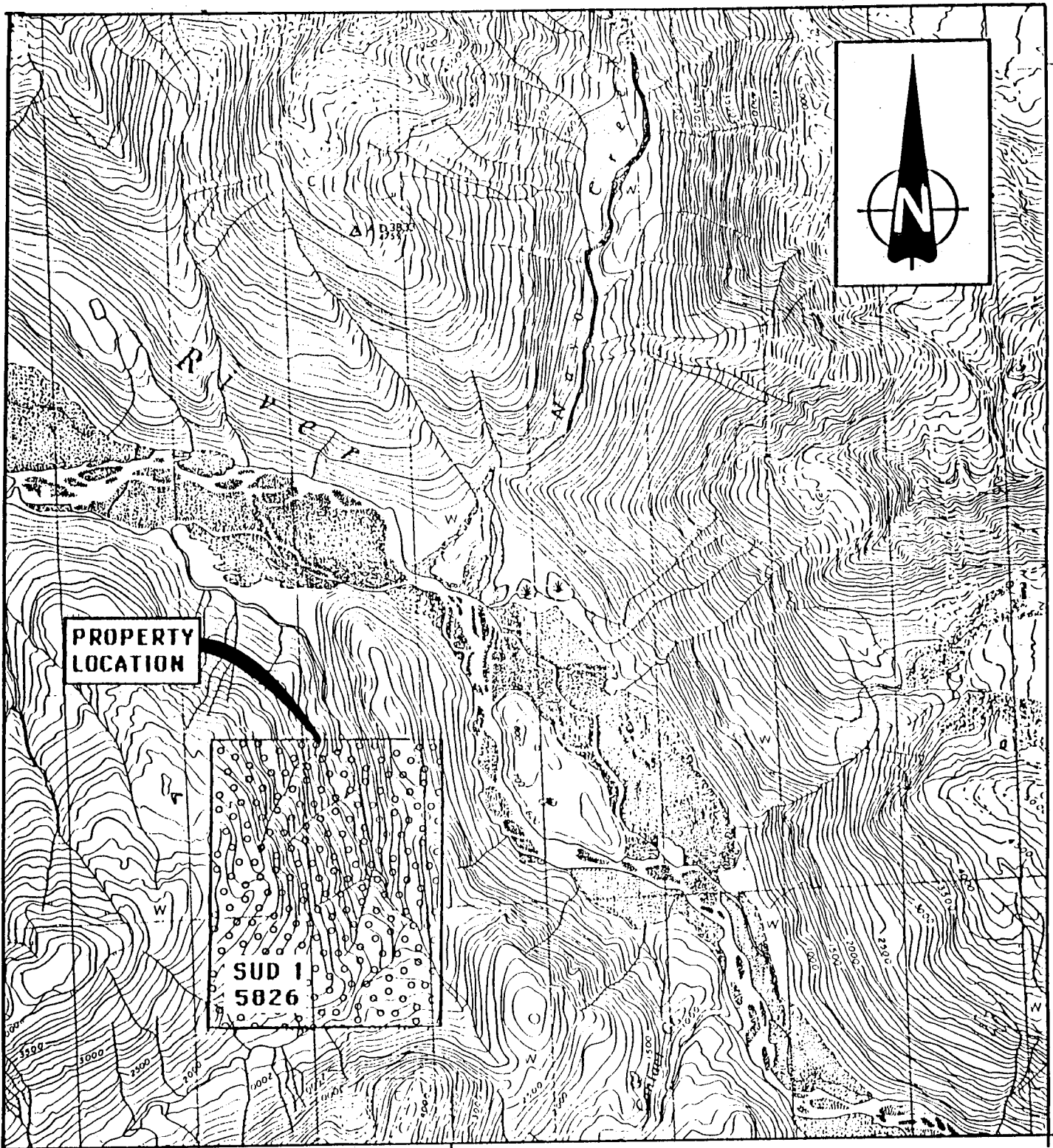
The Sud property covers a northerly drainage into the Scud River off Mount Pereleshin which lies within the Stikine River drainage basin. Topography in this area is rugged with glacially steepened valley walls and jagged mountain peaks. Elevations on the property range from 2000 feet above sea level along the creek floor to 3000 feet above sea level along the western claim boundary. The entire property lies below treeline and the ground is covered by hemlock, spruce and balsam with a dense undergrowth of devils club, alder and blueberry bush.

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.

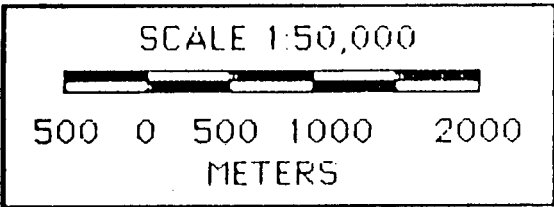
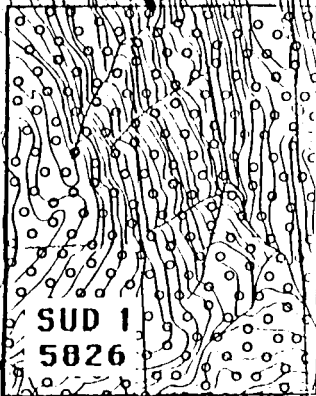
CLAIM STATUS

The Sud property consists of 1 modified grid mineral claim totalling 20 units and covering 500 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. The following table summarizes available claim information:

<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>	<u>Owner</u>
SUD 1	5826	20	19/02/92	Schellex



PROPERTY
LOCATION



SHELLEX GOLD CORP.

SUD PROPERTY
CLAIM MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY BK	NTS 104G/5	DATE APRIL, 1991	FIGURE 2
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57°15'
131°30'

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.

In 1988 the Geological Survey of Canada conducted a regional geochemistry survey in the area of the Sud property. One rock sample (RGS-31) of a sheared granodiorite containing disseminated pyrite was collected near the western edge of the property contained 133 ppm Cu and 158 ppm Zn. Two silt samples collected (RGS-3419, RGS-3420) in this area indicate the drainage covered by the Sud property to be anomalous within the seventy-fifth percentile in gold, silver, tin, uranium and barium.

In February of 1989 the SUD 1 property was staked.

In 1989 Coast Mountain Geological Ltd. prospected and surface sampled portions of the Sud property. Several rock samples collected returned assays elevated in copper, zinc and silver. Rock sample SDF07, a limonitic siltstone containing pyrite and pyrrhotite assayed 117 ppm Cu, 671 ppm Zn, 206 ppm Mo and 0.9 ppm Ag. Another rock sample, SDF04 of a similar rock type assayed 210 ppm Cu, 104 ppm Zn and 3.2 ppm Ag. Silt sample SDW02 collected from

the main creek draining the property assayed 119 ppm Cu, 549 ppm Zn and 1.5 ppm Ag (Kushner, 1990).

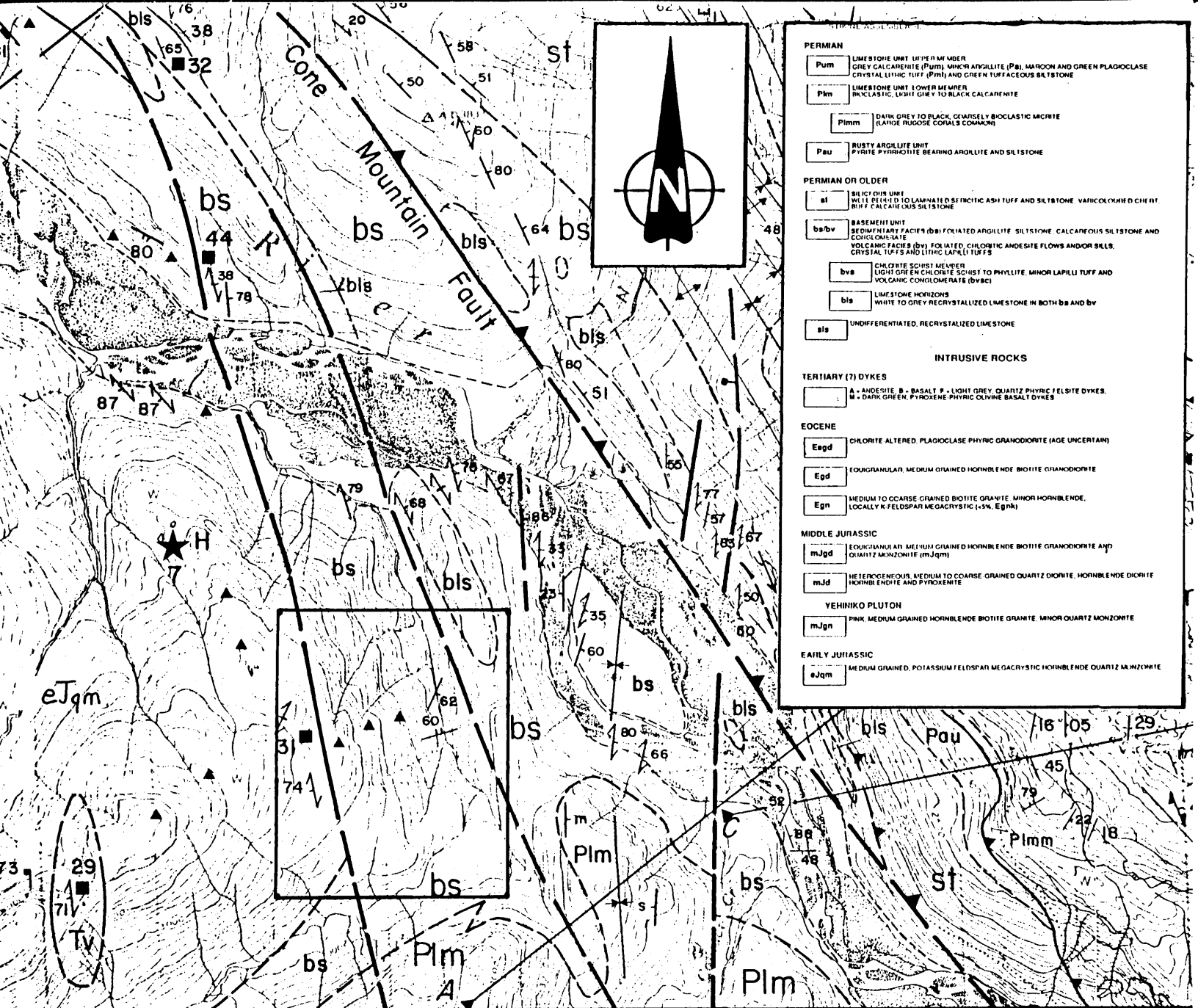
REGIONAL GEOLOGY

The Galore Creek area consists of stratigraphic and intrusive sequences of Upper Paleozoic to Tertiary Stikina 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).

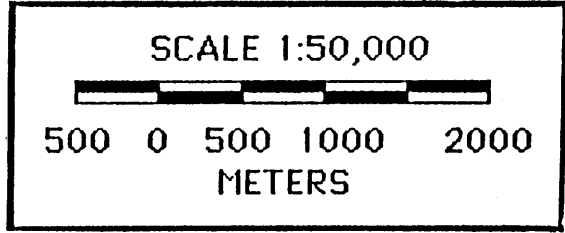
PROPERTY GEOLOGY

The Sud property covers an area of Permian or older foliated argillite and siltstone which belong to the Stikine Assemblage.



PERMIAN	
Pum	LIMESTONE UNIT UPPER MEMBER GREY CALCARENITE (Pum), MAROON AND GREEN PLAGIOCLASE CRYSTAL LITHIC TUFF (Pm) AND GREEN TUFFACEOUS SILTSTONE
Plm	LIMESTONE UNIT LOWER MEMBER TRACULASTIC, LIGHT GREY TO BLACK CALCARENITE
Plmm	DARK GREY TO BLACK, COARSELY BIOCLASTIC MORTRE (LARGE RUDDOSE CORALS COMMON)
Pau	RUSTY ARGILLITE UNIT PHYRITE-PHYRROCLITE BEARING ARGILLITE AND SILTSTONE
PERMIAN OR OLDER	
sl	SILICIOUS UNIT WELL BLENDED TO LAMINATED STRATIFIED ASH TUFF AND SILTSTONE, VARIOLIC AND CHESTNUT UNIT CALCAREOUS SILTSTONE
bs/bv	BASEMENT UNIT SEDIMENTARY FACIES (bs) FOLIATED ARGILLITE, SILTSTONE, CALCAREOUS SILTSTONE AND CONGLOMERATE VOLCANIC FACIES (bv) FOLIATED, CHLORITIC ANDESITE FLOWS AND/OR BILLS, CRYSTAL TUFFS AND LITHIC LAPILLI TUFFS
bvs	CHLORITE SCHIST MEMBER LIGHT GREEN CHLORITE SCHIST TO PHYLLITE, MINOR LAPILLI TUFF AND VOLCANIC CONGLOMERATE (bvs)
bis	LIMESTONE HORIZONS WHITE TO GREY RECRYSTALLIZED LIMESTONE IN BOTH bs AND bv
sls	UNDIFFERENTIATED, RECRYSTALLIZED LIMESTONE
INTRUSIVE ROCKS	
TERTIARY (?) DYKES	
	A - ANDESITE, B - BASALT, P - LIGHT GREY, QUARTZ PHYRIC FELSITE DYKES, M - DARK GREEN, PHYROCLASE PHYRIC OLIVINE BASALT DYKES
EOCENE	
Egd	CHLORITE ALTERED, PLAGIOCLASE PHYRIC GRANODIORITE (AGE UNCERTAIN)
Egd	EQUIGRANULAR, MEDIUM GRAINED HORNBLENDE BIOTITE GRANODIORITE
Egn	MEDIUM TO COARSE GRAINED BIOTITE GRANITE, MINOR HORNBLENDE, LOCALLY K-FELDSPAR MEGACRYSTIC (+5%, Egn)
MIDDLE JURASSIC	
mJgd	EQUIGRANULAR, MEDIUM GRAINED HORNBLENDE BIOTITE GRANODIORITE AND QUARTZ MONZONITE (mJgm)
mJd	METAPROTEROZOIC, MEDIUM TO COARSE GRAINED QUARTZ DIORITE, HORNBLENDE DIORITE HORNBLENDE AND PHYROXENITE
YEHINIKO PLUTON	
mJgn	PINK, MEDIUM GRAINED HORNBLENDE BIOTITE GRANITE, MINOR QUARTZ MONZONITE
EARLY JURASSIC	
eJqm	MEDIUM GRAINED, POTASSIUM FELDSPAR MEGACRYSTIC HORNBLENDE QUARTZ MONZONITE

SYMBOLS	
Geological boundary (defined, approximate, assumed)	---
Unconformity (assumed)
Bedding (inclined, vertical, parallel to foliation)	
Bedding tops observed (inclined, vertical, overturned)	
Bedding, estimated attitude (g = gentle, m = moderate, s = steep)	
Foliation (inclined, vertical; M = mylonitic)	
Joint (inclined, vertical)	
Dyke (inclined, vertical)	
Dyke, estimated attitude (g = gentle, m = moderate, s = steep)	
Vein (inclined, vertical; Q = quartz)	
Anticlinal axis
Synclinal axis
Overturned synclinal axis
Axial plane of minor fold (inclined, vertical)
Fold axis of minor fold with M, S and Z symmetry; crenulation (arrow indicates plunge)
High angle fault; surface trace (defined, approximate, assumed)	---
Solid circle indicates downthrown side, arrows indicate relative movement	○
Thrust fault (defined, approximate, assumed; teeth in direction of dip)	---
Shear zone, mylonite	
Cross-section line	---
Geochemical sample location (trace element, major oxide; Table 3 on Sheet 2)	□
Fossil location; age determinate (Table 5 on Sheet 2)	○
Potassium argon isotopic age sample location (Table 6 on Sheet 2) (H = hornblende, B = biotite)	★
Field station with no structural measurements	★
Native peoples' stone cairns of archaeological interest	★



SHELLEX GOLD CORP.

SUD PROPERTY
REGIONAL GEOLOGY MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

- After Brown & Gunning, 1989 -

DRAWN BY	NTS	DATE	FIGURE
B K	104G/5	APRIL, 1991	3

These rocks are black, well laminated and locally calcareous. Small shear zones are present throughout this unit and host quartz and quartz - carbonate veins. Fine - grained mafic dykes intrude the argillite/siltstone parallel to foliation near the properties southern boundary.

A north - south trending unit of unaltered, white - gray recrystallized limestone outcrops along the northern portion of the property which has not yet been examined for potential skarn mineralization.

The argillite/siltstone package is in fault contact with a K-feldspar megacrystic hornblende quartz monzonite of Early Jurassic age near the properties western boundary.

Two large scale, northwest trending high angle faults transect the property. One parallels the central creek drainage through the eastern part of the property while the second forms the geological contact between the argillite/siltstone package and the quartz monzonite. These faults parallel the northwesterly trending Cone Mountain thrust fault which is located 2.5 kilometers east of the Sud property.

MINERALIZATION

Mineralization throughout the argillite/siltstone package consists of pyrite disseminations, clots and veinlets (up to 10%) associated with lesser amounts of pyrrhotite (up to 5%). Shear hosted quartz and quartz - carbonate veins consist of milky white

bull quartz and when mineralized contain clots of pyrite and pyrrhotite with small amounts of visible chalcopyrite. To date, no other mineralization has been noted on the property.

1990 WORK PROGRAM

On August 13, 1990, two mandays of fieldwork were carried out on the Sud property. Work consisted of prospecting and surface sampling. Stream sediment fines were collected from both running and dry stream channels. A contour soil line was run at 2500 feet in elevation with samples collected at approximately 50 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 5 rock, 36 soil and 2 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

Two silt samples collected during the 1990 field season returned assay values elevated in copper and zinc. Copper values range from a of 78 ppm to 103 ppm Cu and zinc values from 117 ppm to 222 ppm Zn.

Soil samples collected along a 2500 foot contour soil line show erratically spaced copper, zinc and silver spikes over its entire length. Assay values of 340 ppm Cu, 301 ppm Zn and 1.0 ppm Ag were obtained from sample 90S-13-T46 at the northern end of the soil line while sample 90S-13-T58 assayed 537 ppm Zn and 0.5 ppm Ag. Soil samples collected around the northern property boundary show a cluster of samples with elevated copper, zinc and silver values. Values for samples 90S-13-R1 to 90S-13-R4 range from 162 ppm - 248 ppm Cu, 91 - 200 ppm Zn and 0.3 ppm - 1.0 ppm Ag. Soil sample 90S-13-R10 assayed 148 ppm Cu, 127 ppm Zn, 0.7 ppm Ag and 112 ppb Au.

Silt and soil samples collected during the 1990 field season indicate the presence of copper, zinc, silver and gold mineralization on the property and future work should include tracing elevated silt and soil samples to outcrop, and if rock exposure is limited further soil geochemistry would be required.

ROCK GEOCHEMISTRY

Rock samples collected during the 1990 field season are located near the northern claim boundary and several returned assay values elevated in copper, zinc and silver. Rock grab sample 90G-13-R120 of limonitic siltstone containing 5% pyrrhotite assayed 368 ppm Cu, 110 ppm Zn and 0.8 ppm Ag.

CONCLUSIONS

The Sud property possesses favourable geology and structure to host shear zone and quartz vein base and precious metal mineralization associated with a porphyry system and also has the potential for skarn mineralization. The central argillite/siltstone package is in fault contact with a large body of quartz monzonite along the properties western boundary and soil samples collected in this area indicate the presence of base and precious metal mineralization. Two large scale, high angle faults cut through the property and may be related to the Cone Mountain Fault. Numerous small shear zones occur throughout the property and host mineralized quartz and quartz - carbonate veins.

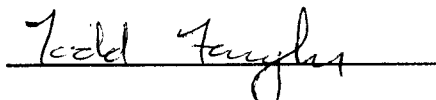
Elevated values in copper, zinc, silver and gold in soil geochemistry, the geological and structural regime of the property and its proximity to the Cone Mountain Fault and Galore Creek copper - gold porphyry deposit suggest the Sud property has the potential for hosting an economic mineral deposit.

RECOMMENDATIONS

A detailed exploration program is required to properly assess the economic potential of the Sud property. The following program is recommended as the next stage in the development of the property:

- follow-up elevated silt and soil samples with prospecting and rock sampling.
- examine the intrusive/sediment contact and the extent of the limestone unit with geological mapping and rock sampling.
- prospect areas of the property which have not previously been covered.
- detailed geological, structural and alteration mapping of the property.

Respectfully Submitted



Todd Faragher, B.Sc.
Coast Mountain Geological Ltd.

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BCDM, 1967. Annual Report, p. 29.

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

Kushner, W.R., 1990. 1989 Summary Report on the Sud 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

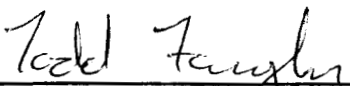
Mob/Demob:		\$ 700.00
Project Prep:		\$ 300.00
Personnel:		
Prospector	1 day @ \$235/day	\$ 235.00
Assistant	1 day @ \$225/day	\$ 225.00
Helicopter:		
	0.5 hours @ \$700/hour	\$ 350.00
Camp Charges:		
Crew	2 days @ \$140/day	\$ 280.00
Pilot	1 day @ \$140/day (30% pro rata)	\$ 37.50
Field Gear and Consumables		\$ 55.00
Geochemical Analysis:		
5 rock samples @ \$ 10.15/sample		\$ 50.75
2 silt samples @ \$ 8.20/sample		\$ 16.40
36 soil samples @ \$ 8.20/sample		\$ 295.20
freight (Scud to Smithers) 63 lbs @ \$.98/lb		\$ 61.74
Expediting:		\$ 15.00
Subtotal:		\$ 2621.59
13.5% Management Fee:		\$ 353.91
Report, Drafting and Reproduction:		\$ 700.00
Total Cost:		\$ 3,675.50

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 Schellex Gold Corp. nor do I expect to receive any.
6. I have been an employee of Coast Mountain Geological since September of 1989.

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



Todd Faragher, B.Sc.

APPENDIX 1

Sampler D. Ridley

Date Aug. 13/90

Property Sud #13

NTS _____

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
90G13:R120	70cm	sediments ?	limonite	up to 5% pyrrhotite	1760': too fractured & weathered to tell true rock type: forms large gossan = 1.5 km long along mtn. (usually 1% pyrrhotite)	368	8	110	0.8	46
90G13:R121	1.5m	siliceous tuff?	"	up to 5% pyrrhotite	1830': in creek above R120:	194	5	35	0.5	4
90G13R122	1.5m	"	"	1-2% pyrrhotite minor pyrite	1900': above R121: con't of R121 structure.	89	37	54	1.6	27
90F13R123	F	skarn	garnet trondhjemite? actinolite?	up to 10% pyrrhotite minor chalcopyrite bornite.	angular float: in creek near R122:	219	4	91	0.6	10
90F13R124	F	calcite vein	-	blobs of pyrrhotite minor disseminated bornite	side chute below R122: too cliffy to go up: ≈ 30 m downstream of R123:	104	9	61	0.3	2

APPENDIX 2

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-3572 Page 1

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 %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90F13:R123	1	219	4	91	.6	29	22	453	5.27	5	6	ND	1	131	.6	2	2	22	6.23	.122	4	4	.09	4	.09	3	.92	.02	.01	1	10
90F13:R124	1	104	9	61	.3	7	8	1755	3.37	2	5	ND	2	679	.2	2	2	29	9.54	.123	8	5	.75	71	.01	4	1.04	.02	.16	1	2
90G13:R120	2	368	8	110	.8	68	45	371	6.48	2	5	ND	2	61	.5	2	2	21	1.12	.077	9	2	.11	21	.12	3	.59	.04	.04	1	46
90G13:R121	2	194	5	35	.5	60	24	463	5.66	2	5	ND	1	59	.2	2	2	64	1.60	.167	9	6	.82	25	.19	2	.99	.06	.12	2	4
90G13:R122	1	89	37	54	1.6	8	14	878	2.53	68	9	ND	12	292	.2	2	2	20	5.87	.042	5	4	.39	25	.01	6	.61	.03	.11	1	27
STANDARD C	18	58	41	131	6.8	71	32	1045	3.95	41	18	6	38	53	18.4	15	20	56	.51	.093	38	57	.89	180	.09	36	1.89	.06	.13	11	-

✓
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 ROCK P2 SOIL P3 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

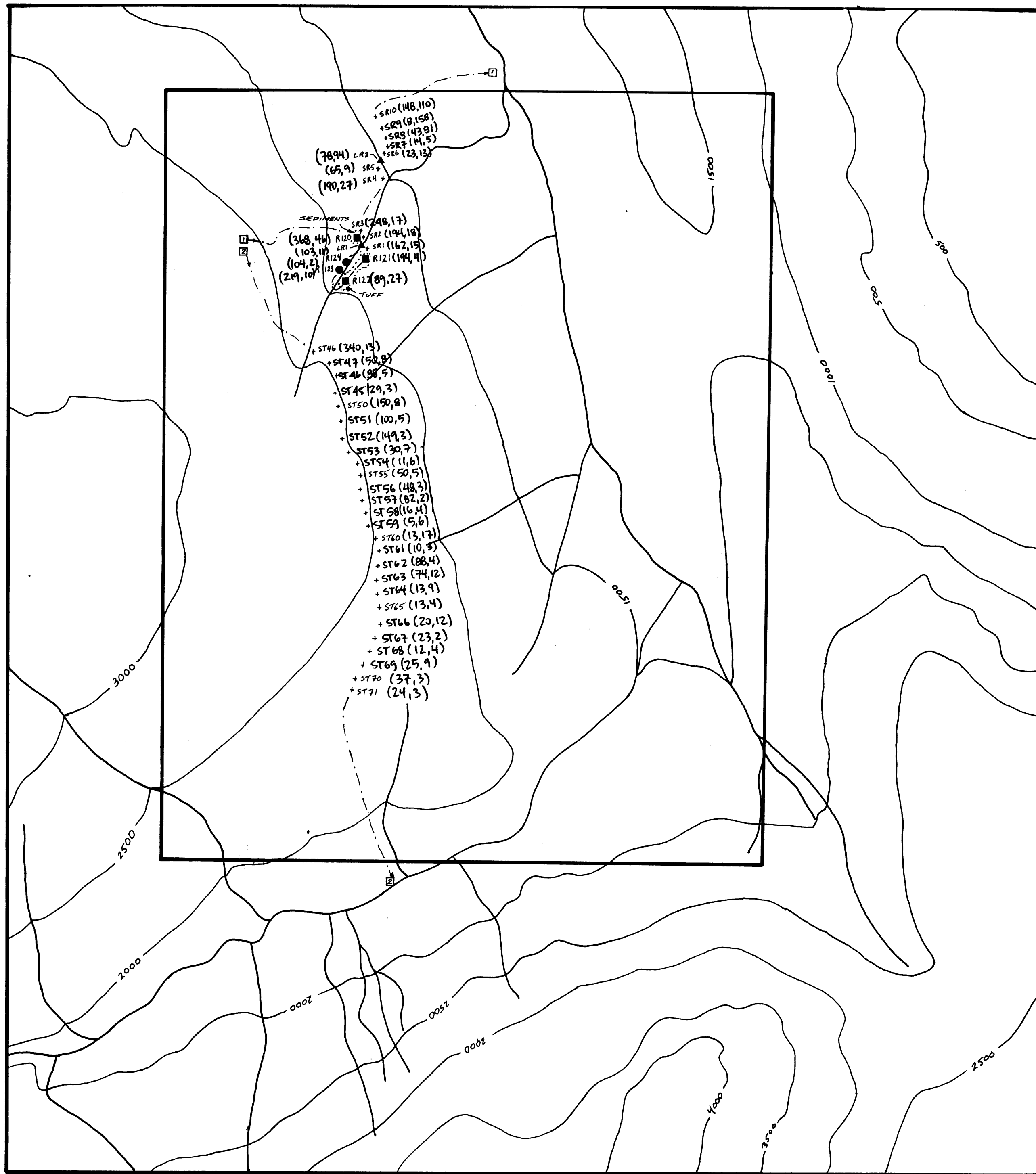
DATE RECEIVED:

DATE REPORT MAILED: Aug 21/90.

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

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
90S13 R-1	14	162	16	182	.4	79	26	834	7.14	8	5	ND	1	30	1.5	2	2	53	.64	.117	2	49	.94	20	.09	4	1.18	.02	.03	1	15
90S13 R-2	3	194	9	91	.6	183	43	985	8.77	14	5	ND	1	107	.4	2	2	35	1.24	.190	4	73	.67	6	.20	2	1.89	.01	.03	1	18
90S13 R-3	3	248	13	100	.3	37	27	1225	8.69	104	5	ND	3	20	.2	2	2	46	.29	.149	12	17	.62	26	.06	2	1.92	.01	.04	3	17
90S13 R-4	6	190	30	200	1.0	54	35	1397	8.42	40	5	ND	1	48	1.3	2	2	74	.93	.205	9	44	1.08	41	.11	2	1.88	.01	.11	3	27
90S13 R-5	4	65	15	59	1.4	9	5	272	5.54	5	5	ND	3	26	.2	2	2	82	.23	.097	9	37	.54	45	.20	2	2.60	.02	.07	1	9
90S13 R-6	4	23	6	34	2.0	9	3	70	2.74	8	7	ND	1	26	.2	2	5	43	.22	.130	7	19	.13	37	.05	2	.98	.02	.04	2	13
90S13 R-7	2	14	9	58	.5	9	1	68	1.19	4	5	ND	2	29	.2	2	2	60	.16	.052	3	22	.13	99	.22	2	.52	.02	.06	1	5
90S13 R-8	5	43	24	106	1.3	7	3	250	2.56	9	5	ND	1	18	.3	2	2	47	.18	.069	8	14	.37	45	.12	2	1.08	.02	.03	2	81
90S13 R-9	4	8	12	14	.1	3	1	37	.59	4	8	ND	1	15	.2	2	2	66	.08	.015	3	7	.01	37	.34	2	.42	.01	.02	1	158
90S13 R-10	8	148	34	139	.6	12	5	258	3.70	19	5	ND	1	15	.2	2	6	54	.26	.110	11	22	.46	22	.07	2	1.51	.02	.04	4	112
90S13-T-46	9	340	20	301	1.0	48	48	1723	10.67	36	5	ND	3	27	1.4	3	2	73	.26	.079	19	31	.85	46	.11	2	3.38	.01	.03	10	13
90S13-T-47	7	50	12	57	1.2	7	6	597	5.08	4	5	ND	1	13	.2	2	3	65	.37	.065	7	11	.61	33	.17	2	1.22	.02	.05	6	8
90S13-T-48	7	88	17	79	1.7	7	4	377	5.09	3	6	ND	2	15	.2	2	3	82	.14	.089	9	15	.36	25	.20	3	2.33	.02	.05	1	5
90S13-T-49	21	29	9	23	1.0	4	2	102	3.15	4	5	ND	2	12	.2	2	2	78	.12	.033	7	8	.10	25	.25	2	.96	.02	.02	2	3
90S13-T-50	14	150	17	127	.7	17	10	739	6.31	4	5	ND	3	58	.7	2	2	33	.56	.135	13	19	.33	11	.05	2	2.10	.01	.02	1	8
90S13-T-51	4	100	7	38	.6	10	3	139	5.01	3	9	ND	3	15	.2	2	2	72	.10	.065	9	25	.26	23	.19	2	2.01	.02	.04	2	5
90S13-T-52	7	149	27	76	.5	19	9	400	6.82	7	5	ND	1	30	.2	3	2	52	.33	.112	5	27	.31	12	.12	2	2.65	.01	.02	1	3
90S13-T-53	6	30	9	32	.3	11	3	139	3.58	5	5	ND	1	16	.2	2	2	80	.12	.048	5	19	.18	16	.27	2	.82	.02	.02	1	7
90S13-T-54	2	11	9	17	.4	4	1	41	1.45	4	5	ND	1	10	.2	2	4	39	.08	.034	3	10	.10	19	.13	2	.55	.02	.02	1	6
90S13-T-55	3	50	20	94	1.0	11	3	217	6.06	9	5	ND	3	14	.2	2	3	61	.15	.084	8	18	.22	27	.15	2	2.12	.01	.02	2	5
90S13-T-56	3	48	15	46	.5	10	3	187	5.14	7	8	ND	4	12	.2	2	4	78	.13	.061	8	24	.23	17	.25	2	2.04	.01	.02	1	3
90S13-T-57	1	82	10	42	.2	5	3	309	5.62	6	6	ND	1	29	.2	2	2	87	.24	.102	14	19	.70	23	.17	2	2.67	.02	.08	1	2
90S13-T-58	1	16	40	537	.5	32	6	6412	4.84	43	5	ND	1	34	3.4	2	2	35	1.86	.103	15	15	.66	89	.03	2	1.09	.01	.01	1	4
90S13-T-59	1	5	8	15	.1	1	1	115	.38	6	5	ND	1	6	.2	2	2	37	.08	.017	3	7	.07	19	.23	2	.34	.01	.03	1	6
90S13-T-60	2	13	37	107	.4	5	4	2431	4.11	208	5	ND	2	8	.2	2	2	53	.10	.053	5	5	.09	35	.13	2	.70	.01	.03	1	17
90S13-T-61	2	10	45	363	.2	33	3	766	3.11	173	5	ND	1	6	.3	16	3	62	.15	.031	8	27	.09	22	.04	2	.54	.01	.02	1	3
90S13-T-62	3	88	22	84	.4	69	22	1208	11.72	14	5	ND	2	16	.7	4	2	67	.35	.192	15	36	.58	28	.11	2	3.49	.01	.01	1	4
90S13-T-63	7	74	73	154	1.0	21	8	637	8.78	74	5	ND	1	16	.5	4	2	105	.19	.101	9	38	.35	56	.08	2	2.45	.01	.03	1	12
90S13-T-64	2	13	13	29	.9	7	1	89	1.78	8	7	ND	1	11	.2	2	3	54	.14	.053	6	17	.15	26	.23	2	.87	.02	.03	1	9
90S13-T-65	2	13	12	14	.7	3	1	31	.56	2	5	ND	1	11	.2	2	2	33	.10	.035	2	6	.01	22	.24	2	.38	.01	.02	1	4
90S13-T-66	3	20	14	34	1.3	6	2	124	2.83	4	6	ND	1	14	.2	2	2	90	.16	.068	5	12	.19	30	.25	2	.75	.01	.06	1	12
90S13-T-67	12	23	22	95	.5	9	4	312	3.85	13	5	ND	1	24	.2	2	2	133	.29	.051	5	21	.38	68	.43	2	1.05	.02	.05	1	2
90S13-T-68	2	12	12	39	.3	2	1	319	3.66	8	9	ND	2	9	.2	2	2	157	.11	.133	2	15	.27	31	.40	2	.96	.01	.07	1	4
90S13-T-69	4	25	22	59	1.5	6	3	423	5.84	6	7	ND	2	11	.3	2	2	137	.12	.043	6	25	.29	30	.40	3	1.62	.01	.03	1	9
90S13-T-70	3	37	19	68	3.3	5	2	231	2.35	10	5	ND	1	18	.3	3	2	60	.17	.055	7	16	.39	29	.12	2	1.73	.02	.05	1	3
90S13-T-71	2	24	24	39	.6	4	2	662	2.57	2	8	ND	1	20	.2	2	3	52	.37	.086	4	7	.19	19	.15	2	.69	.02	.06	1	3
STANDARD C/AU-S	17	57	35	126	6.8	68	31	1044	3.94	39	17	7	36	53	18.1	14	19	56	.51	.086	37	56	.89	180	.09	31	1.85	.06	.14	13	47

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
90L13 R-1	1	103	8	117	.5	50	16	727	5.12	21	5	ND	2	55	.6	2	2	48	1.11	.198	7	38	.94	33	.11	2	1.33	.02	.11	5	11
90L13 R-2	6	78	27	222	.6	21	25	1547	4.25	35	5	ND	1	33	2.6	2	2	50	.75	.130	8	11	.43	44	.06	2	1.17	.01	.05	3	94



GEOCHEMISTRY

Rock Samples					
Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
90G-13-R120	368	8	110	0.8	46
90G-13-R121	194	5	35	0.5	4
90G-13-R122	89	37	54	1.6	27
90F-13-R123	219	4	91	0.6	10
90F-13-R124	104	9	61	0.3	2

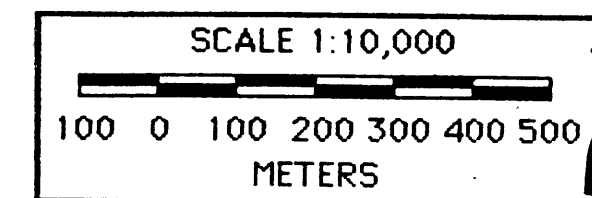
SILT SAMPLES

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
90L-13-R1	103	8	117	0.5	11
90L-13-R2	78	27	222	0.5	94

SOIL SAMPLES

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
90S-13-R1	162	16	182	0.4	15
90S-13-R2	194	9	91	0.6	18
90S-13-R3	248	13	100	0.3	17
90S-13-R4	190	30	200	1.0	27
90S-13-R5	65	15	59	1.4	9
90S-13-R6	23	6	34	2.0	13
90S-13-R7	14	9	58	0.5	5
90S-13-R8	43	24	106	1.3	81
90S-13-R9	8	12	14	0.1	158
90S-13-R10	148	34	139	0.6	112
90S-13-T46	340	20	301	1.0	13
90S-13-T47	50	12	57	1.2	8
90S-13-T48	88	17	79	1.7	5
90S-13-T49	29	9	23	1.0	3
90S-13-T50	150	17	127	0.7	8
90S-13-T51	100	7	38	0.6	5
90S-13-T52	149	27	76	0.5	3
90S-13-T53	30	9	32	0.3	7
90S-13-T54	11	9	17	0.4	6
90S-13-T55	50	20	94	1.0	5
90S-13-T56	48	15	46	0.5	3
90S-13-T57	82	10	42	0.2	2
90S-13-T58	16	40	537	0.5	4
90S-13-T59	5	8	15	0.1	6
90S-13-T60	13	37	107	0.4	17
90S-13-T61	10	45	363	0.2	3
90S-13-T62	88	22	81	0.4	4
90S-13-T63	74	73	154	1.0	12
97* 13-T64	13	13	29	0.9	9
90S-13-T65	13	12	14	0.7	4
90S-13-T66	20	14	34	1.1	12
90S-13-T67	23	22	95	0.5	2
90S-13-T68	12	12	39	0.3	4
90S-13-T69	25	22	59	1.5	9
90S-13-T70	37	19	68	3.3	3
90S-13-T71	24	24	39	0.6	3

GEOLOGICAL BRANCH ASSESSMENT REPORT



21,144

LEGEND	
■	ROCK GRAB SAMPLE
●	ROCK FLOAT SAMPLE
▲	STREAM SEDIMENT SAMPLE
+	SOIL SAMPLE (Cu ppm, Au ppb)
—	CLAIM BOUNDARY
— 3000 —	CONTOUR (FEET ABOVE SEA LEVEL)
⋯	OUTCROP
□+---□	TRAVERSE

SHELLEX GOLD CORP.			
SUD PROPERTY			
SAMPLE LOCATION MAP			
LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY: T.F.	NTS: 104G/5	DATE: MARCH 1991	FIGURE: 4