

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 92.03.21

ASSESSMENT REPORT 21194

MINING DIVISION: Liard

PROPERTY: Hickman

LOCATION: LAT 57 13 00 LONG 131 05 00
UTM 09 6343216 374185
NTS 104G03E

CLAIM(S): Hickman 1-2

OPERATOR(S): Schellex Gold

AUTHOR(S): Faragher, T.

REPORT YEAR: 1991, 25 Pages

COMMODITIES

SEARCHED FOR: Copper, Lead, Zinc, Silver, Gold

KEYWORDS: Triassic, Hickman Batholith, Fault contact, Pyroxene, Alteration
Pyrite

WORK

DONE: Prospecting

PROS 100.0 ha

Map(s) - 1; Scale(s) - 1:10 000

LOG NO: <i>April 9/91</i> RD.
ACTION:
FILE NO:

LOG NO: OCT 16 1991 RD.
ACTION: <i>DATE SENT</i> <i>APPROVED</i>
FILE NO:

1991 SUMMARY REPORT
on the
HICKMAN PROPERTY
(Hickman 1 and Hickman 2)

Liard Mining Division
British Columbia

North Latitude 57° 13' West Longitude 131° 05'

NTS 104 G/3

Prepared For

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

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Prepared By

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,194

March, 1991

Todd Faragher, B.Sc.
Geologist

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SUMMARY

The Hickman property is comprised of two modified grid mineral claims totalling 20 units within the Liard Mining Division and located approximately 68 kilometers south 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 Hickman property covers an area of biotite, hornblende, augite diorite of the Middle Triassic Hickman Batholith which is in fault contact with pyroxene flows, fragmentals, tuffs and lahar of Upper Triassic age. Numerous chlorite - epidote stringers occur throughout the diorite and tend to be concentrated in areas of intense shearing and fracturing. Chlorite alteration is pervasive to the pyroxene flows and mineralization in both the intrusive and mafic units consists of finely disseminated pyrite and chalcopyrite concentrated in areas of strong fracturing and shearing. Quartz and quartz - carbonate veins are present as fracture fillings and are also shear hosted. When mineralized these veins contain massive pyrite with lesser amounts of chalcopyrite.

Work completed on the Hickman property during the 1990 field season provided a cursory look at the area. Preliminary geochemistry results combined with property geology and structure indicate the Hickman property has the potential for hosting base

and precious metal mineralization associated with a porphyry system. Future work should include systematic silt and soil sampling, lithogeochemical sampling, prospecting and detailed geologic mapping of the property.

INTRODUCTION

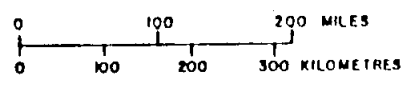
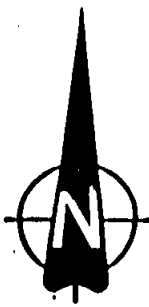
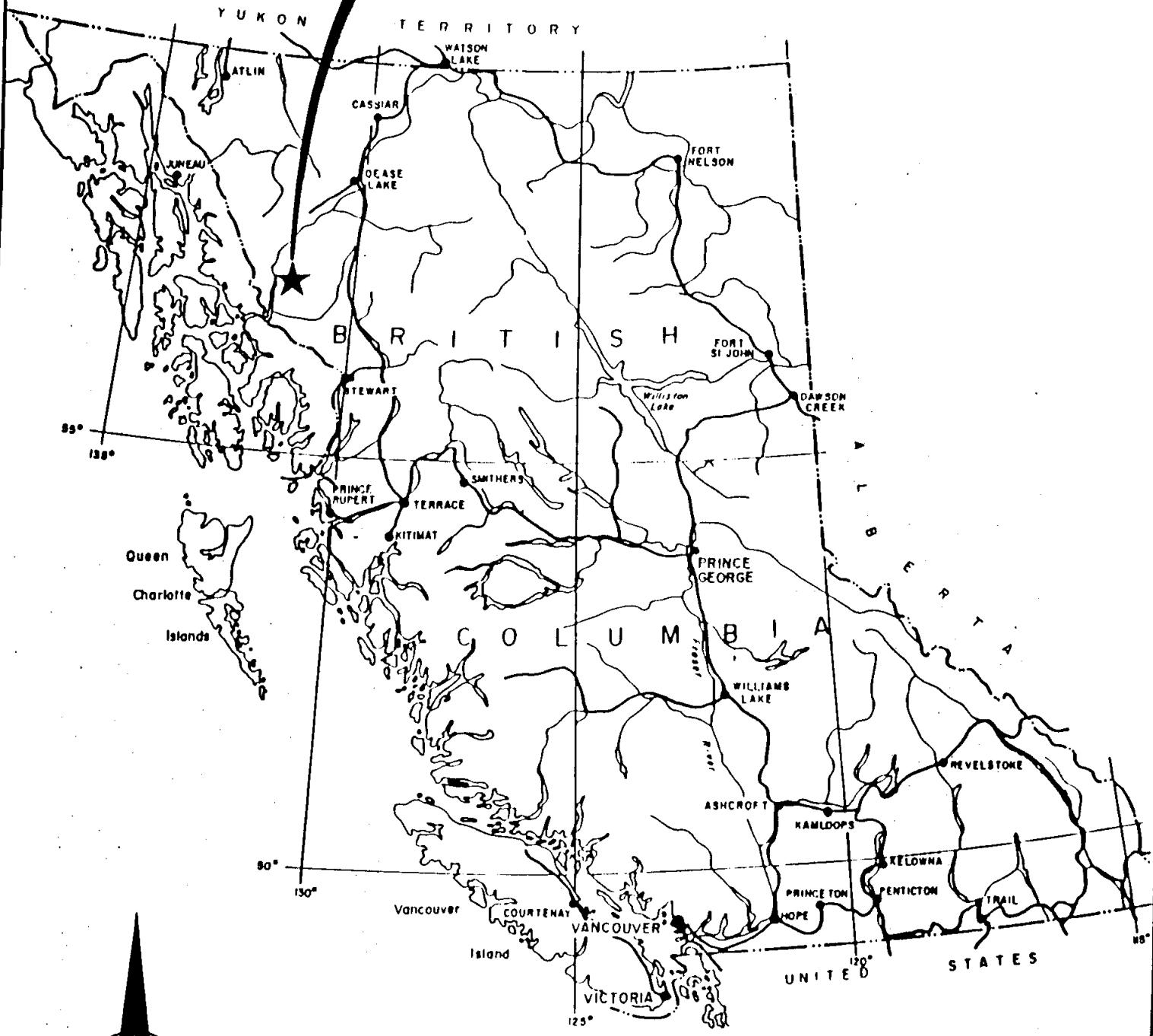
This assessment report has been prepared to describe and evaluate work completed on the Hickman property during the 1990 field season. 3 mandays of fieldwork were carried out on July 27, 1990 and consisted of prospecting and surface sampling. Work completed was to evaluate the property for potential 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 Hickman property is situated within the Coast Range Mountains and is located approximately 68 kilometers south of Telegraph Creek in the Schaft Creek area of northwestern British Columbia (Fig. 1). The property lies within the Liard Mining Division and is centered around $57^{\circ} 13'$ latitude and $131^{\circ} 05'$ longitude on NTS mapsheet 104 G/3.

Access to the property is via helicopter from the Schaft Creek camp 14 kilometers to the northeast, the Galore Creek camp 25 kilometers to the west or the Scud River airstrip 45 kilometers to the west. These airstrips are accessible to fixed wing aircraft chartered from Smithers, Dease Lake or Bronson Creek.

**PROPERTY
LOCATION**



SCHELLEX GOLD CORP.			
HICKMAN PROPERTY			
PROPERTY LOCATION MAP			
LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD.			
DRAWN BY: T.F.	NTS: 104G/3	DATE: FEBRUARY, 1991	FIGURE: 1

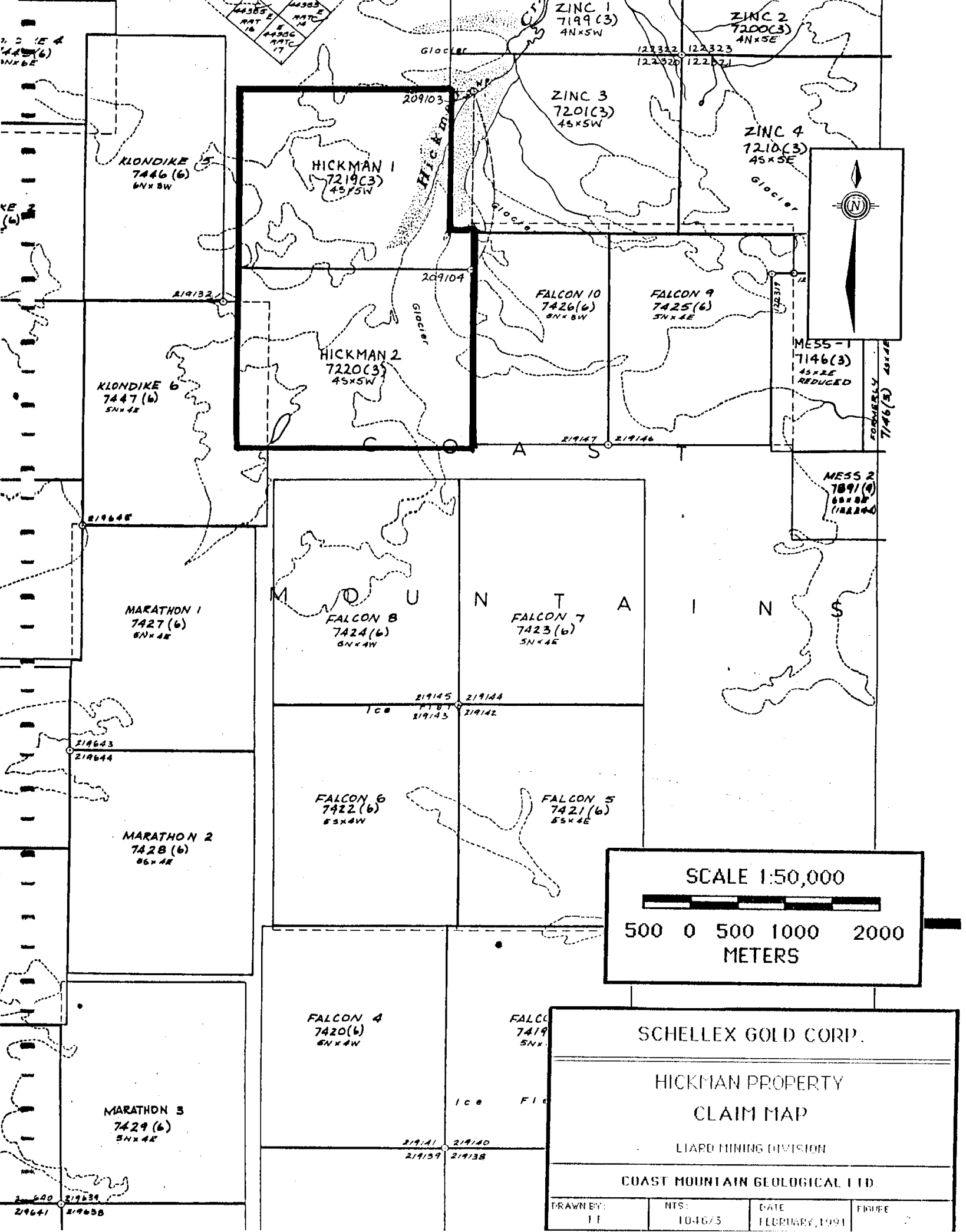
TOPOGRAPHY/PHYSIOGRAPHY

The Hickman property is located within the Schaft Creek drainage basin and covers the headwaters of Hickman Creek. Topography in this area is rugged with glacially steepened valley walls and jagged mountain peaks. Elevations on the property range from 4500 feet above sea level to 7800 feet above sea level at the peak of Hickman Mountain. The entire property is above treeline and consists of barren rock covered by small patches of alpine grasses and stunted spruce trees and glacial ice.

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

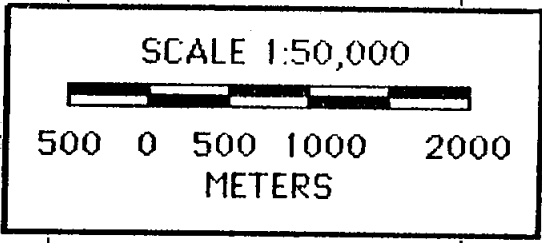
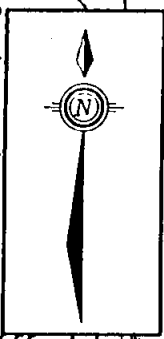
The Hickman property consists of 2 modified grid mineral claims totalling 40 units and covering 1000 hectares within the Liard Mining Division of northwestern British Columbia (Fig. 2). In March of 1990 the Hickman 1 and Hickman 2 claims were staked and in March of 1991 were grouped under the name Hickman. The property is registered in the name of Schellex Gold Corp. of Vancouver, B.C. The following table summarizes available claim information:



HICKMAN 1
7219(3)
45x5W

HICKMAN 2
7220(3)
45x5W

FALCON 10
7426(6)
5N x 6W



SHELLEX GOLD CORP.

**HICKMAN PROPERTY
CLAIM MAP**

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: TF	NTS: 10-FG/3	DATE: FEBRUARY, 1991	FIGURE: 2
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<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>	<u>Owner</u>
HICKMAN 1	7219	20	25/03/92	Schellex
HICKMAN 2	7220	20	25/03/92	Schellex

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, Copper-Canyon and Schaft Creek copper-gold deposits.

In 1987 the B.C. Geological Survey conducted a regional geochemistry survey in the area of the Hickman property. Two silt samples were collected from drainages originating on the Hickman property. Silt sample 1051 assayed greater than the 75th percentile in Cu, Co and Sb. Silt sample 1052 assayed greater than the 75th percentile in Cu, Ni, Sn, Sb and Hg and greater than the 95th percentile in Co.

In 1988 United Mineral Services Ltd. prospected and surface sampled portions of the area covered by the Hickman property.

In March of 1990 the Hickman 1 and Hickman 2 claims were staked and in March of 1991 were grouped under the name Hickman.

In July of 1990 Coast Mountain Geological performed geological work on the Hickman property proper. Work consisted of prospecting

and surface sampling.

REGIONAL GEOLOGY

The Galore and Schaft Creek areas 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).

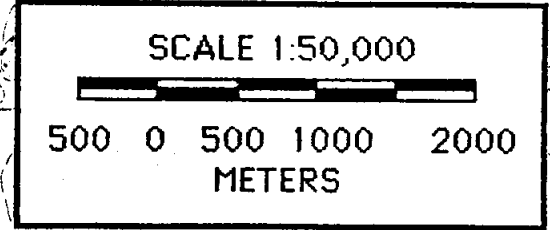
The oldest rocks in the sequence are deformed Pre-Permian to Mid-Jurassic Stikine Assemblage sediments, tuffs, intermediate volcanics and limestone. Mid-Triassic rocks consist of silty shales, argillites and limey siltstone. Upper Triassic rocks consist of augite andesite and basaltic andesite flows, 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 Hickman property covers an area of Middle Triassic biotite, hornblende, augite diorite of the Hickman Batholith. The

QUATERNARY	
	UNCONSOLIDATED GLACIAL TILL AND POORLY SORTED ALLUVIUM
UPPER TRIASSIC	
STURM GROUP (WHERE UNDIVIDED DENOTED AS UTSv)	
	SLISTONE, SANDSTONE, CONGLOMERATE, MINOR LIMESTONE CONTAINS Monroa
	WELL-BEDDED GREEN AND MAROON LAPILLASH TUFFS AND EPICLASTICS
	PHYOXENE PORPHYRY FLOWS AND FRAGMENTALS
	INTERMEDIATE TO MASSIVE FRAGMENTALS, BRECCIA, TUFF, LAHAR
MIDDLE TO UPPER TRIASSIC	
	MASSIVE ANDESITE FLOWS AND TUFFS, AMYGDALOIDAL BASALT
JURASSIC TO TERTIARY	
COAST INTRUSIONS	
	MEDIUM-GRAINED, PINK, BOTTITE GRANITE
	MEDIUM-GRAINED, BOTTITE HORNBLENDE DIORITE
	POTASSIUM FELDSPAR MEGACRYSTIC GRANITE (LI MONZONITE)
MIDDLE TRIASSIC	
HICKMAN RATHOLITH	
	COARSE TO MEDIUM-GRAINED BOTTITE, HORNBLENDE, AUGITE DIORITE TO MONZONITE

SYMBOLS	
Geological boundary (defined, approximate, assumed)	
Unconformity (assumed)	
Bedding (inclined, vertical, normal to foliation)	
Bedding laps observed (inclined, vertical, overturned)	
Bedding, estimated altitude (g = gentle, m = moderate, s = steep)	
Foliation (inclined, vertical, M = mylonitic)	
Joint (inclined, vertical)	
Dyke (inclined, vertical)	
Dyke, estimated altitude (g = gentle, m = moderate, s = steep)	
Vein (inclined, vertical, O = 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 downthrow 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, minor 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	



F.I.E.L.D.

SHELLEX GOLD CORP.

HICKMAN PROPERTY

REGIONAL GEOLOGY MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: T.F.	RTS: 104G/3	DATE: FEBRUARY, 1991	FIGURE 3
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intrusive is massive, coarse to medium grained, equigranular and locally fractured and sheared. Trending northeasterly through the central portion of the property, the intrusive is in fault contact with Upper Triassic pyroxene porphyry flows, fragmentals, tuffs and lahar. The property is located in a region of strong northerly shearing and gossanous lineaments present throughout the rock units are heavily pyritic shear zones. Numerous milky white quartz and quartz - carbonate veins occur as fracture fillings in both the intrusive rocks and mafics and are also shear hosted.

ALTERATION AND MINERALIZATION

Alteration within the intrusive unit is limited to small chlorite - epidote stringers concentrated along fracture surfaces. In areas of intense fracturing, chlorite - epidote alteration becomes pervasive to the rock matrix. Mineralization within the diorite consists of small cubes and fine disseminations of pyrite and trace amounts of visible chalcopyrite. Pervasive chlorite alteration of the pyroxene flows and fragmentals occurs in areas of strong fracturing and shearing. Fine disseminations of pyrite and chalcopyrite are present within these altered mafic rocks. Shear and fracture hosted quartz and quartz - carbonate veins consist of milky white bull quartz and when mineralized contain clots of massive pyrite with small amounts of chalcopyrite.

1990 WORK PROGRAM

On July 27, 1990, 3 mandays of fieldwork were carried out on the Hickman property. Work consisted of prospecting and surface sampling. Soil samples collected were obtained from pits dug to access B horizon material. Rock grab and float samples were collected from areas of alteration, shearing and rocks containing sulphide mineralization. A total of 12 rock and 2 soil samples were collected and sent to Acme Analytical Labs Ltd. of Vancouver for analysis. 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.

GEOCHEMISTRY

Several rock samples collected during the 1990 field season indicate the presence of copper and gold mineralization on the Hickman property. Rock sample 90G-27-W03 of a 3 cm wide malachite stained quartz vein hosted within chlorite - epidote altered

diorite assayed 1249 ppm Cu while sample 90G-27-H01 of carbonate stringers also hosted in chlorite altered diorite assayed 1058 ppm Cu and 1.9 ppm Ag. Rock grab sample 90G-27-J02 of limonitic stained diorite assayed 690 ppb Au.

CONCLUSIONS

Work completed on the Hickman property during the 1990 fieldseason provided a cursory look at the property. Preliminary information indicates the geological environment on the Hickman property to be conducive for the occurrence of porphyry associated base and precious metal mineralization. Rock samples collected from both the intrusive and mafic rock units returned assays indicating the presence of base and precious metal mineralization. In order to define and delineate the economic potential of the property, a detailed exploration program consisting of prospecting, lithogeochemical sampling, contour soil sampling and geological mapping is required.

RECOMMENDATIONS

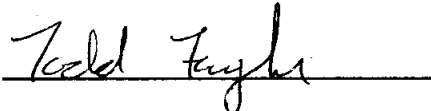
The detailed exploration program required to properly assess the economic potential of the Hickman property should consist of the following:

- silting of all drainages on the property and systematic

upstream sampling of anomalous creeks.

- contour and grid soil sampling over areas of geological interest.
- prospect and collect rock samples from areas of the property which have not previously been examined.
- geological, structural and alteration mapping of the property.
- if results warrant, trenching, sampling and detailed geological mapping of any mineralized zones.

Respectfully Submitted



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

BIBLIOGRAPHY

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

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

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:		\$ 850.00
Project Prep:		\$ 500.00
Personnel:		
Geologist	1 day @ \$340/day	\$ 340.00
Geologist	1 day @ \$320/day	\$ 320.00
Geologist	1 day @ \$300/day	\$ 300.00
Helicopter:		
	1.8 hours @ \$700/hour	\$ 1260.00
Camp Charges:		
Crew	3 day @ \$140/day	\$ 420.00
Pilot	1 day @ \$140/day	\$ 37.50
	(30% pro rata)	
Field Gear and Consumables		\$ 30.00
Geochemical Analysis:		
12 rock samples @ \$ 10.15/sample		\$ 121.80
2 soil sample @ \$ 8.20/sample		\$ 16.40
freight (Scud to Smithers) 25 lbs @ \$.98/lb		\$ 24.50
Expediting:		\$ 30.00
Subtotal:		\$ 4250.20
13.5% Management Fee:		\$ 573.78
Report, Drafting and Reproduction:		\$ 740.00
Total Cost:		\$ 5,563.98

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 employed by Coast Mountain Geological since September, 1989.

Dated at Vancouver, British Columbia, this 26 day of March, 1991.


Todd Faragher, B.Sc.

APPENDIX 1

ROCK SAMPLE SHEET

Sampler H. SMIT / J. HERRERO

Date 27 July 190

Property HICKMAN

NTS _____

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
27 H01	G	Dio	carb/chl	minor py, cp	up to .5m wide zone w/ frac. carb stringers; minor py, cp 1830m	1058	145	27	1.7	33
27 H02	G	Volc	carb	tr cp, py	carb str, brxx up to 10cm wide over 10m	589	2	28	0.3	7
27 J01	2.0m	Volc	prop.	Cp (<1%) tetrahedrite? <1%	Breccia texture. Fault zone 20m wide x 10m long striking 10° 2060m	598	3	25	0.2	8
27 J02	G	dio	prop.	<10% py f.g.	breccia texture. Pod structure up to 5m x 5m highly FeOx stained 1800m	174	21	27	1.3	690

ROCK SAMPLE SHEET

Sampler A. Wilkins
 Date 27 July 90

Property Hickman

NTS _____

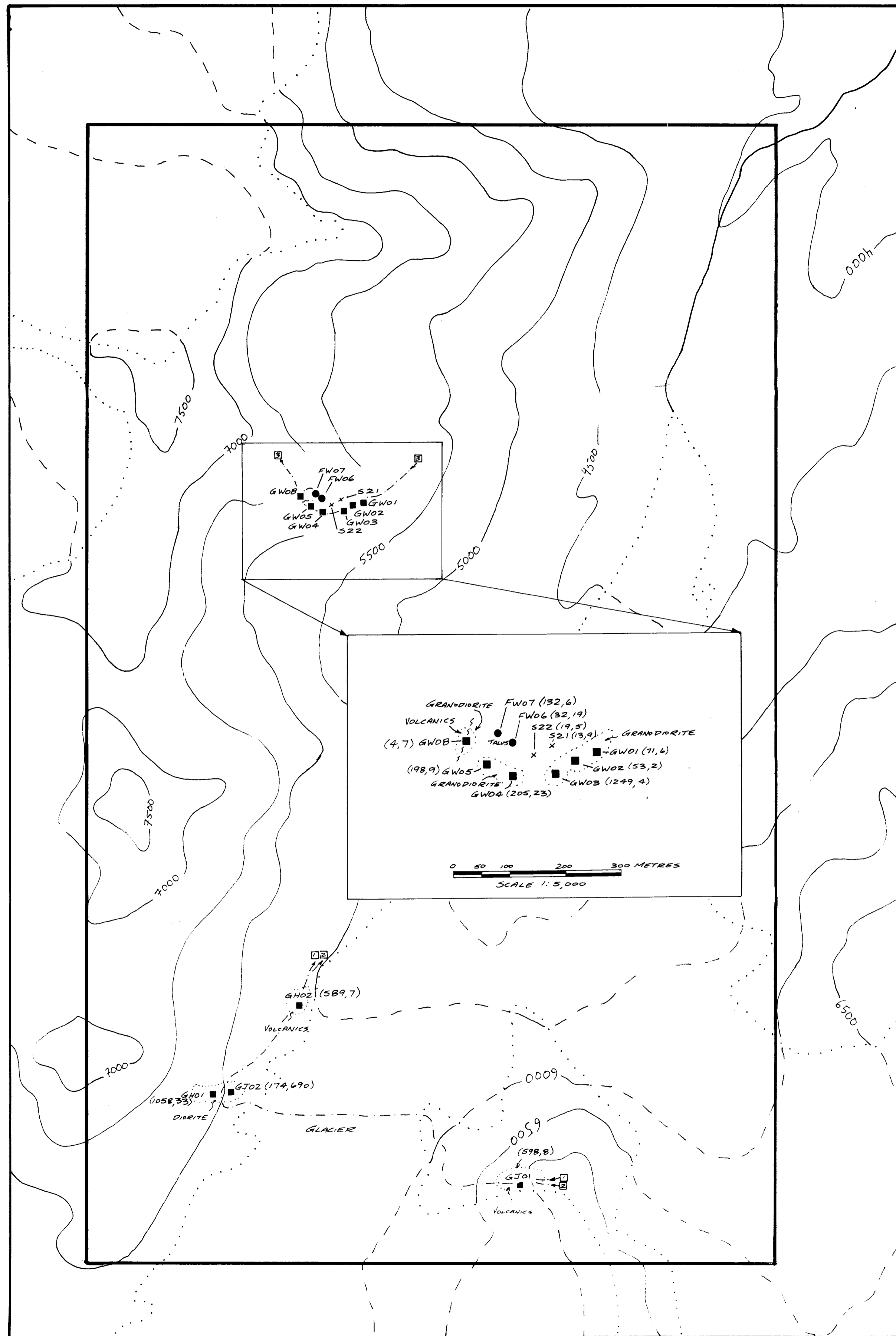
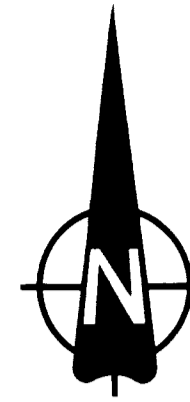
SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
90G-27-W1	G	dio/gdr	pery ch-ep mg uns-ca-sd		carb vns & alt - very gossanous 20cm wide ch-ep-mg alt'd	71	2	14	3	6
90G-27-W2	G	dio/gdr	qtz veins	ma-pr	white qtz vn stockwork, w/ minor ma/pr	53	A	41	.1	2
90G-27-W3	G	dio/gdr	qtz vein	ma-cp-pr	vuggy qz vn w/ md-cp-pr 3cm wide withr- gdr	1209	5	16	.9	A
90G-27-W4	G	dio/gdr	qtz-msv-g	py	qtz-py-ms-cp alt'n (1m) in ep-chl-mg-mn alt'd dio-gdr sheared	205	41	49	1.3	23
90G-27-W5	G	dio/gdr	qtz-carb		carb alt'n & vein w/ 30cm wide within, gdr	198	19	27	1.7	9
90F-27-W6	/	dio/gdr	qtz veins chl-mg-ep		vuggy enriched white qtz veining w/ chl & cl-ep-mg alt'd host	32	5	35	.2	19
90F-27-W7	/	brxx	hm qz-sd-ca		gossanous qz-sd-ca brx w/ sil frags & hm stains	132	2	46	.1	6
90G-27-W8	G	fault	qtz-cbvn. sd		Sid gossan zone 40m wide. Major fault w/ qz-cb veins thrt. Fault is contact b/ween east gdr & west vols	A	3	31	.2	7

APPENDIX 2

	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	ppb
17 L0+50N 2+50E	18	168	5	42	.1	14	29	725	4.84	6	5	ND	1	252	.6	2	2	132	1.04	.288	15	23	1.17	31	.15	5	2.73	.01	.16	1	9
17 L0+50S 2+50W	12	103	3	71	.5	16	9	209	4.11	6	6	ND	1	13	1.0	2	2	51	.11	.138	19	25	.30	25	.08	4	3.11	.02	.07	1	17
17 L0+50S 2+25W	8	49	8	54	.4	10	4	127	3.76	3	6	ND	1	11	.8	2	4	66	.06	.085	14	31	.16	30	.14	2	2.08	.01	.03	1	25
17 L0+50S 2+00W	12	82	18	46	.4	12	17	1209	5.33	13	5	ND	1	18	.6	2	2	56	.11	.223	11	21	.20	55	.02	2	1.49	.05	.08	2	163
17 L0+50S 1+75W	583	3713	38	229	4.4	42	82	1065	19.30	911	5	2	3	5	1.1	59	2	60	.03	.252	25	39	.60	34	.01	4	1.63	.01	.06	1	306
17 L0+50S 1+50W	21	496	3	78	.4	30	11	243	6.02	13	6	ND	1	22	.6	2	2	69	.13	.147	18	48	.54	25	.06	5	3.55	.01	.04	1	71
17 L0+50S 1+25W	7	49	5	37	.2	6	3	111	2.25	3	6	ND	1	12	.2	2	2	59	.06	.060	14	17	.11	20	.17	3	1.64	.07	.05	2	14
17 L0+50S 1+00W	3	202	10	37	.4	8	6	194	3.01	5	6	ND	1	27	.3	2	2	95	.16	.080	11	24	.37	20	.15	4	2.62	.02	.05	1	69
17 L0+50S 0+75W	25	177	2	69	.1	20	9	277	6.61	10	6	ND	1	30	.2	2	2	88	.14	.092	16	64	.48	25	.14	4	3.12	.02	.04	1	54
17 L0+50S 0+50W	2	112	6	77	.1	28	9	275	3.66	8	5	ND	1	35	.3	2	3	82	.23	.111	16	54	.82	42	.16	3	2.91	.04	.08	1	34
17 L0+50S 0+25W	2	68	6	68	.1	22	10	421	4.83	8	5	ND	1	20	.5	2	2	88	.11	.063	15	44	.53	29	.18	3	2.30	.04	.04	1	11
17 L0+50S 0+00	16	318	13	90	.2	40	11	336	3.90	9	6	ND	1	60	.2	2	2	78	.51	.112	14	75	.89	99	.16	5	3.48	.02	.07	1	53
17 L0+50S 0+25E	9	156	2	73	.1	27	10	358	5.95	15	6	ND	1	30	.5	2	2	108	.16	.087	13	50	.58	33	.16	3	2.73	.02	.04	1	32
17 L0+50S 0+50E	2	126	3	80	.1	48	12	393	4.22	15	5	ND	1	28	.2	2	2	73	.20	.075	10	73	.94	40	.15	2	3.33	.01	.04	1	15
17 L0+50S 0+75E	2	147	2	77	.4	32	8	287	3.75	11	5	ND	1	28	.2	2	2	72	.19	.088	11	59	.78	43	.12	2	3.04	.02	.06	1	17
17 L0+50S 1+00E	3	32	14	60	.2	19	6	254	3.82	6	6	ND	1	19	.3	2	2	77	.15	.079	13	47	.37	31	.15	2	2.00	.04	.06	1	19
17 L0+50S 1+25E	33	143	14	172	.2	21	21	2117	4.70	37	5	ND	1	86	.4	2	2	114	.86	.171	19	36	.92	113	.09	5	2.17	.06	.14	1	45
17 L0+50S 1+50E	5	200	24	115	.3	13	31	1902	5.47	33	5	ND	1	50	.4	2	2	112	.43	.169	16	24	.94	43	.09	5	2.49	.07	.16	1	66
17 L0+50S 1+75E	12	564	33	162	.5	27	45	1891	7.69	39	5	ND	1	82	.3	2	2	151	.57	.205	20	33	1.62	61	.13	5	2.84	.03	.31	1	97
17 L0+50S 2+00E	7	1230	3	42	.7	20	81	1280	11.73	104	5	ND	1	92	.9	9	2	238	.67	.376	24	35	1.56	40	.11	6	3.19	.01	.07	1	101
17 L0+50S 2+25E	6	463	9	91	.5	23	43	1373	7.32	28	5	ND	1	122	.5	3	2	153	.88	.230	14	37	1.66	65	.16	5	2.41	.03	.38	1	83
17 L0+50S 2+50E	5	394	4	83	.3	17	39	1305	6.83	23	5	ND	1	135	.2	4	2	147	.90	.224	14	36	1.62	71	.15	7	2.41	.03	.33	2	46
27 90S-27-21	1	13	2	61	.1	18	18	831	4.92	9	5	ND	1	33	.2	3	2	98	2.24	.113	5	21	1.11	87	.01	8	1.79	.01	.12	2	9
27 90S-27-22	1	19	2	77	.1	17	21	881	5.95	2	5	ND	1	25	.2	2	2	119	1.58	.111	4	25	1.45	93	.01	7	2.56	.01	.10	1	5
STANDARD C/AU-S	18	58	38	128	6.8	70	32	1053	3.96	38	21	6	39	52	18.6	14	21	56	.48	.099	40	61	.88	182	.08	34	1.88	.06	.14	12	51

	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	
90C-17-C75	1	19347	7	79	7.9	25	22	443	18.16	5	5	2	1	156	1.6	2	2	501	1.72	.261	12	25	.56	69	.12	40	.94	.03	.37	1	3290
90C-17-H27	2	212	6	28	.1	12	9	370	2.80	11	5	ND	1	208	.3	2	2	18	3.14	.055	6	11	1.00	290	.01	4	.55	.04	.14	1	18
90C-17-H28	12	123	2	18	.2	20	11	330	2.80	9	5	ND	2	149	.2	2	2	17	3.05	.091	8	16	1.21	48	.01	4	.34	.05	.11	1	280
90C-17-H29	1	831	2	43	.7	13	25	660	6.75	2	5	ND	1	87	.2	2	2	109	2.82	.173	3	19	1.88	56	.14	2	1.81	.03	1.08	4	80
90C-17-H30	3	695	2	10	2.6	9	4	76	1.07	2	6	3	1	14	.3	2	2	9	.32	.004	2	8	.08	9	.01	3	.09	.01	.02	1	3180
90C-17-H31	3	80	83	6	1.0	7	1	49	.52	2	5	ND	1	4	.2	2	2	2	.06	.002	2	7	.04	25	.01	5	.05	.01	.02	1	124
90C-17-H32	1	328	2	39	.2	7	17	917	9.92	2	5	ND	1	210	.2	2	2	243	8.12	.053	2	19	1.21	96	.12	2	1.07	.03	.79	1	34
90C-17-H33	4	187	2	6	4.6	12	6	70	1.79	2	5	4	1	5	.2	2	2	9	.07	.006	2	9	.08	35	.01	2	1.12	.01	.03	1	6470
90C-17-H34	1	655	8	46	1.6	10	16	599	7.10	2	5	ND	1	234	.6	3	2	150	3.06	.184	5	22	1.51	101	.17	5	1.71	.05	1.21	4	230
90C-17-H35	2	194	2	17	1.5	7	5	178	1.48	2	5	15	1	34	.2	2	18	29	.24	.038	2	12	.41	37	.02	5	.50	.01	.05	1	510
90C-17-R79	5	2200	2	90	6.3	17	7	915	3.30	8	5	ND	1	192	2.5	2	2	19	3.79	.019	3	9	.44	60	.01	6	.39	.02	.12	1	25
90C-17-R80	2	2687	77	958	4.6	9	14	772	5.05	12	5	ND	1	152	26.6	2	2	86	2.70	.127	8	11	1.01	56	.06	7	1.46	.03	.24	1	116
90C-17-R82	2	3491	7	49	3.9	16	16	815	5.01	2	5	ND	1	544	1.3	2	2	109	5.94	.122	12	20	.89	134	.08	3	1.44	.02	.35	1	97
90C-17-R83	3	2478	5	84	3.4	22	30	635	12.30	6	5	ND	1	205	1.1	2	2	114	2.76	.094	6	66	1.26	76	.02	2	3.14	.01	.18	1	135
90C-17-R84	1	35474	6	82	20.5	44	123	738	15.97	21	5	2	1	72	3.5	2	2	126	1.52	.075	2	26	.76	32	.06	2	1.28	.06	.31	1	1120
90C-17-R85	5	42692	46	367	34.4	21	26	804	7.59	79	5	ND	1	216	11.3	62	2	21	2.69	.026	2	10	.50	48	.01	6	.27	.02	.13	1	149
90C-27-J01	1	598	3	25	.2	11	7	442	1.31	3	5	ND	1	66	.4	2	2	22	2.62	.026	2	16	.62	329	.01	7	.34	.01	.11	1	8
90F-27-W6	1	32	5	35	.2	13	12	1208	2.82	2	5	ND	1	110	.2	2	2	69	9.56	.024	2	21	1.50	5	.04	2	1.53	.01	.03	1	19
90F-27-W7	1	132	2	46	.1	16	15	740	5.38	4	5	ND	1	44	.2	2	2	123	7.09	.103	5	50	.42	18	.02	7	1.08	.01	.08	1	6
90G-17-C71	6	2815	351	252	7.2	32	83	567	9.79	56	5	ND	1	13	5.6	2	2	44	.32	.053	3	14	.37	40	.01	28	.78	.01	.10	1	1490
90G-17-C72	5	1698	228	219	3.3	11	18	826	6.00	18	5	ND	1	134	5.6	2	2	39	3.24	.206	11	9	.62	77	.01	7	1.15	.01	.25	1	95
90G-17-C73	12	17584	10	145	43.1	25	41	633	11.14	68	5	ND	1	21	2.5	2	2	81	.23	.093	6	50	1.51	56	.02	33	2.29	.01	.16	1	850
90G-17-C74	3	2150	12	53	2.3	13	6	817	2.96	4	5	ND	1	407	1.4	2	2	71	4.81	.142	8	24	.77	50	.02	26	1.05	.04	.11	1	49
90G-17-H02	1	589	2	48	.3	14	17	1356	4.17	11	5	ND	1	91	.2	2	2	41	9.02	.037	2	12	3.04	116	.01	10	.35	.01	.12	1	7
90G-17-H23	3	33	2	9	.1	13	1	63	.38	22	5	ND	1	4	.2	2	2	3	.20	.004	2	12	.06	6	.01	3	.18	.01	.01	1	6
90G-17-H24	1	149	6	73	.4	51	16	890	4.84	87	5	ND	1	181	.4	2	2	34	5.39	.122	5	33	1.01	583	.01	22	.61	.05	.25	1	4
90G-17-H25	3	35	2	9	.1	12	1	54	.30	2	5	ND	1	8	.2	2	2	2	.13	.003	2	10	.03	6	.01	6	.07	.01	.01	1	2
90G-17-H26	3	70	2	21	.1	23	4	488	3.02	13	5	ND	2	57	.2	8	3	20	2.63	.095	10	14	.38	52	.01	3	.67	.06	.14	1	15
90G-17-R81	7	4216	30	325	12.0	34	39	361	18.76	150	5	2	2	14	6.3	2	2	139	.31	.183	8	16	1.10	28	.01	3	1.74	.01	.17	1	1760
90G-19-B31	6	272	6	25	.9	7	6	148	4.86	6	5	ND	1	44	.2	2	5	69	.39	.116	5	10	.71	113	.21	2	.75	.04	.19	1	70
90G-19-B32	1	740	2	42	.4	9	3	369	2.68	10	5	ND	1	235	.2	2	4	79	1.37	.170	6	11	1.47	79	.16	10	1.62	.04	.39	2	43
90G-19-B33	1	2445	2	28	1.5	6	7	335	1.91	3	5	ND	1	238	.7	2	2	57	1.80	.189	8	6	.74	44	.13	8	1.10	.03	.08	1	92
90G-19-B34	2	3239	3	37	2.0	7	13	432	2.58	3	5	ND	1	190	.4	2	2	69	1.25	.183	7	9	1.12	55	.14	4	1.28	.04	.10	1	82
90G-19-B35	5	52	3	18	.1	7	7	248	1.95	5	5	ND	1	42	.2	2	4	47	.33	.069	4	8	.50	64	.09	6	.64	.03	.15	1	45
90G-19-B36	7	4501	35	193	.1	31	375	7050	2.50	9	5	ND	1	35	2.6	2	2	19	.11	.105	10	17	.11	468	.01	7	5.00	.01	.21	1	15
90G-19-B36 A	2	288	5	5	.7	23	28	72	2.40	2	5	ND	1	47	.2	2	2	29	.39	.082	4	13	.11	63	.13	2	.19	.06	.07	1	39
STANDARD C/AU-R	18	57	38	131	6.6	70	31	1051	3.96	40	15	7	39	53	18.8	15	20	56	.48	.095	39	60	.88	181	.07	36	1.88	.06	.14	14	520

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
90G-19-B37	1	1501	7	105	.9	18	16	877	1.69	6	5	ND	2	242	1.1	2	2	50	2.16	.280	6	13	.75	27	.16	3	1.41	.03	.04	1	9
90G-19-B38	2	175	4	11	.2	5	7	225	.58	2	9	ND	11	64	.2	2	2	3	.40	.013	11	4	.06	728	.03	4	.39	.02	.15	2	7
90G-19-F17	4	39	44	35	.5	4	5	363	1.42	2	6	ND	15	6	.2	2	2	1	.02	.010	15	6	.02	134	.01	3	.32	.03	.15	2	10
90G-19-F18	1	135	15	122	.1	10	23	1597	5.91	5	5	ND	3	672	1.0	2	2	63	7.33	.256	10	9	1.80	807	.02	6	1.16	.01	.40	1	1
90G-27-H01	2	1058	145	47	1.7	24	24	1562	4.59	489	5	ND	1	224	.9	32	3	52	9.83	.067	4	20	1.03	23	.01	6	1.29	.01	.12	1	33
90G-27-J02	1	174	21	27	1.3	15	13	406	9.58	66185	5	ND	2	60	1.1	307	2	15	2.37	.081	3	2	.38	19	.01	6	.59	.01	.13	1	690
90G-27-W1	1	71	2	14	.3	14	9	3161	6.82	93	5	ND	2	101	1.3	2	2	39	27.13	.004	2	9	.28	71	.01	2	.10	.01	.02	1	6
90G-27-W2	1	53	4	41	.1	15	14	1228	3.17	80	5	ND	2	148	.5	2	2	101	18.05	.057	4	60	1.76	7	.06	2	1.44	.01	.02	1	2
90G-27-W3	1	1249	5	16	.9	4	5	2386	1.28	7	5	ND	1	297	.5	2	2	33	24.22	.023	4	32	.77	14	.04	2	.71	.01	.03	1	4
90G-27-W4	7	205	41	49	1.3	17	21	372	12.74	572	5	ND	3	14	1.0	23	2	117	.12	.120	3	38	1.92	24	.03	5	2.61	.01	.17	1	23
90G-27-W5	5	198	19	275	1.7	12	23	2766	6.34	46	5	ND	2	112	2.8	6	2	86	16.46	.027	2	22	.25	1474	.01	7	.29	.01	.06	1	9
90G-27-W8	1	4	3	31	.2	16	11	2877	3.59	14	5	ND	2	333	.5	2	2	63	16.14	.028	4	22	1.38	934	.01	2	.47	.01	.04	1	7
STANDARD C/AU-R	18	58	38	132	6.6	69	31	1046	3.96	37	18	7	39	53	18.8	15	21	56	.48	.091	37	60	.88	180	.09	34	1.88	.06	.14	11	510



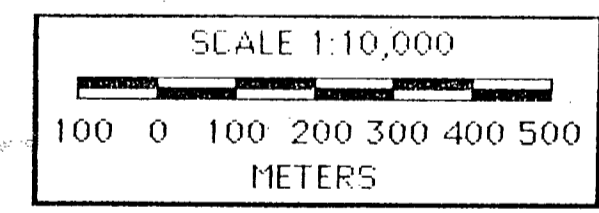
GEOCHEMISTRY

ROCK SAMPLES

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
90G-27-H01	1058	145	47	1.7	33
90G-27-H02	589	2	48	0.3	7
90C-27-J01	598	3	25	0.2	8
90G-27-J02	174	21	27	1.3	690
90G-27-W01	71	2	14	0.3	6
90G-27-W02	53	4	41	0.1	2
90G-27-W03	1249	5	16	0.9	4
90G-27-W04	205	41	49	1.3	23
90G-27-W05	198	19	275	1.7	9
90F-27-W06	32	5	35	0.2	19
90I-27-W07	132	2	46	0.1	6
90U-27-W08	4	3	31	0.2	7

SOIL SAMPLES

Sample Number	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
90S-27-21	13	2	61	0.1	9
90S-27-22	19	2	77	0.1	5



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

SHELLEX GOLD CORP.

HICKMAN PROPERTY

SAMPLE LOCATION AND GEOCHEMISTRY MAP

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY: T.F.	NTS: 1046/3	DATE: FEBRUARY, 1991	FIGURE: 4
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