



TYPE OF REPORT/SURVEY(S)	TOTAL COST
--------------------------	------------

AUTHOR(S) B. DYNES SIGNATURE(S) [Signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED AUGUST 24, 1989 YEAR OF WORK 89

PROPERTY NAME(S) NETH

COMMODITIES PRESENT PU

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION ATLUN NTS 104K/5E

LATITUDE 58° 56' N LONGITUDE 132° 45' E

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

NETH (20 UNITS) RECORD # 3388

OWNER(S)  
(1) TALHAN HOLDINGS LTD (2)

MAILING ADDRESS  
#13-1150 MELVILLE STREET  
VANCOUVER, B.C.

OPERATOR(S) (that is, Company paying for the work)  
(1) SAME AS ABOVE (2)

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):  
A MAJOR FAULT CUTS JURASSIC SEDIMENTS AND IS  
INTRUDED BY EARLY TERTIARY - LATE CRETACEOUS FELSITES.  
LOCALLY ARGILLIC TO ADVANCED ARGILLIC ALTERATION  
IS ANCHALOUS IN AL AND SD.

REFERENCES TO PREVIOUS WORK

LOG NO:	1205	RD.
ACTION:		
FILE NO:		

GEOLOGICAL, GEOCHEMICAL

REPORT

ON THE

YETH PROPERTY

ATLIN MINING DIVISION

BRITISH COLUMBIA

NTS 104K/15W

58°56'N, 132°45'E

FOR

TAHLTAN HOLDINGS LTD.

#13-1155 Melville Street

Vancouver, British Columbia

V6E 4C4

LOG NO:	0322	RD. 3
ACTION:	Date received back from amendment	
FILE NO:	32 p.	

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

19,376

W.J. DYNES

November 20, 1989

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## 1.0 INTRODUCTION

This report presents the results of an exploration program carried out on the Yeth property owned by Tahltan Holdings Ltd. The program was completed by Stetson Resource Management Corp., under the direction of the writer and supervised by J.Wetherill during July 1989, and consisted of geological and geochemical surveys.

### 1.1 Location and Access

The Yeth property is situated in the Atlin mining division, approximately 180 kilometers northwest of Dease Lake, and 75 kilometers south of Atlin. The claim covers 5 square kilometers centered at latitude 58°56'N longitude 132°45'W on mapsheet 104K/15W (Fig. 1.1).

Access to the property is via helicopter from Dease Lake or Atlin. Groceries, fuel, lumber and general supplies are available to a limited extent in Dease Lake or Atlin. The remainder may be trucked from Smithers to Dease Lake, or from Whitehorse to Atlin.

### 1.2 Physiography, Vegetation and Climate

The Yeth property is located on the Taku Plateau, south of Peridotite Peak. The region has a relatively dry climate, and snow cover in winter is moderate. The property covers alpine, and sub-alpine terrain. Treeline is at 1100 to 1200 metres, below which are small stands of scrub fir and Engelmann spruce. Elevations, range from 600 meters along Yeth Creek to 1200 meters on the northern portion of the property.

EQUITY SILVER MINES LTD.

YETH CLAIM

ATLIN M.D.

104 K/15E

# LOCATION MAP

SCALE : 1: 1,000,000 METRES

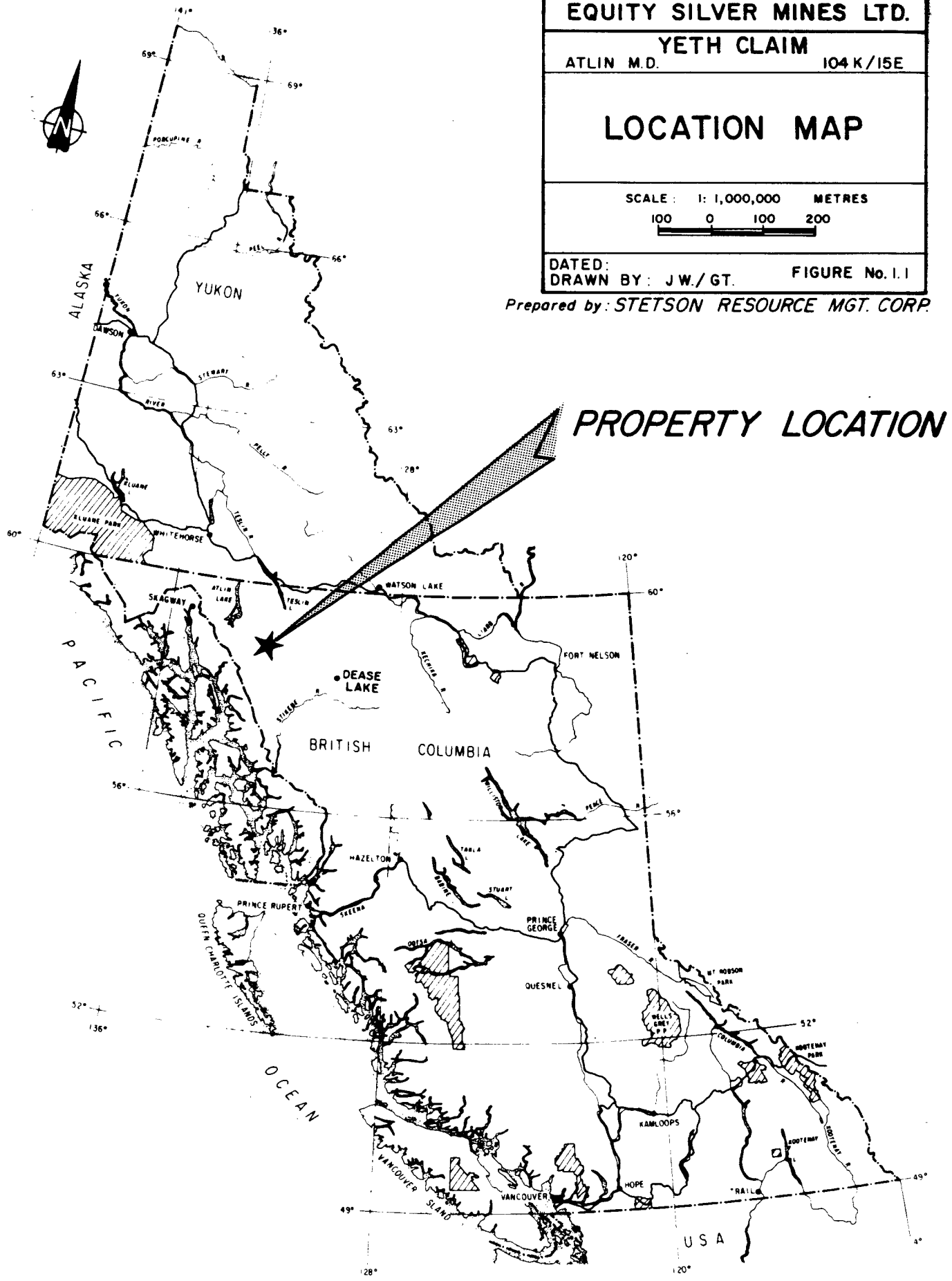
100 0 100 200

DATED:

DRAWN BY: J.W./GT.

FIGURE No. 1.1

Prepared by: STETSON RESOURCE MGT. CORP.



**PROPERTY LOCATION**

Figure : 1.1

1.3 Property

TABLE 1

The property is covered by 1 "Modified Grid" mineral claims, as per Table 1.

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Yeth 2	20	3388	August 24, 1990

1.4 History

Erikson-Ashby originally explored the area in the 1920's and discovered zones of quartz stringers, mineralized with galena, sphalerite and pyrite. Chevron Minerals Ltd. staked the Goat claims in 1981 to cover a GSC nickel showing. Geological mapping and sampling lead to the discovery of a massive sulphide vein and Au-Ag bearing argillic zones in the intrusives containing up to 30 ppm Ag and 270 ppb Au.

1.5 1989 EXPLORATION PROGRAM

In 1989, an exploration program was undertaken by a geological field crew of 2 men employed by Stetson Resource Management Corp., under the direction of the writer. Geological and geochemical surveys were carried out August 10 and 11, 1989.

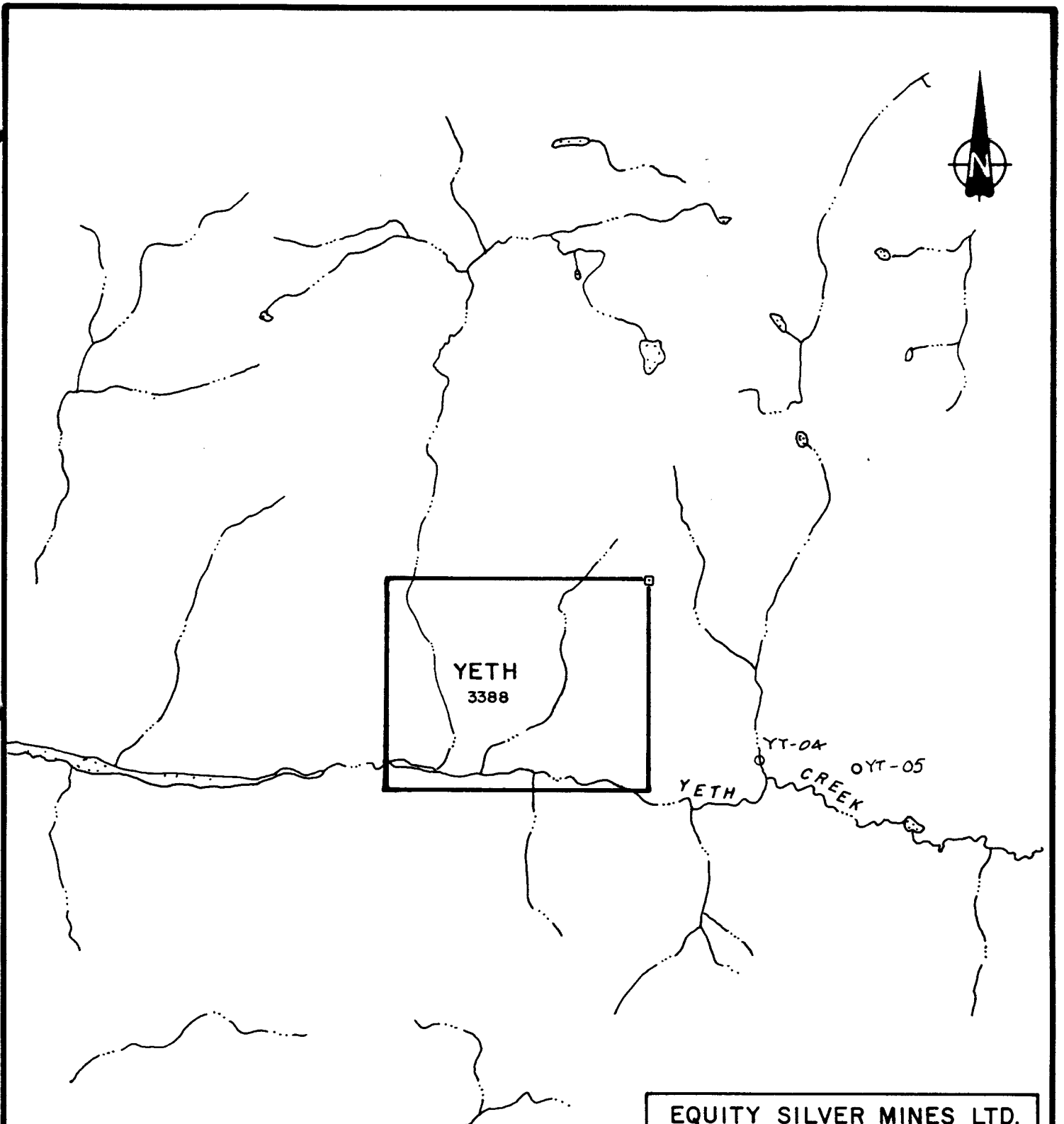
1.5.1 Geological Survey

The property was mapped by B. Dynes at a scale of 1:10,000. Geological areas of interest defined by this mapping were then rock chip sampled.

The main property drainage and its tributaries were traversed and mapped, with outcrop locations tied into the drainage confluences.

1.5.2. Geochemical Surveys

A total of 3 stream sediment and 7 talus bulk heavy mineral concentrates, as well as 2 conventional silt samples were collected from property drainages, and slopes. The silt samples were analyzed for Au and



<b>EQUITY SILVER MINES LTD.</b>	
<b>YETH CLAIM</b>	
ATLIN M.D.	104 K/15E
<b>CLAIM MAP</b>	
SCALE 1: 50,000	
0 500 1000 2000 M.	
DATED: November 1989	
DRAWN BY: JW/GT.	FIGURE No.1.2



29 elements by fire assay and geochemical techniques. The remaining bulk heavy mineral samples were analyzed for Au and 30 elements by neutron activation.

22 rock chip samples were also collected and analyzed for Au and 29 elements.

All analyses are appendixed.

## 2.0 GEOLOGICAL SURVEYS

### 2.1 Regional Geology

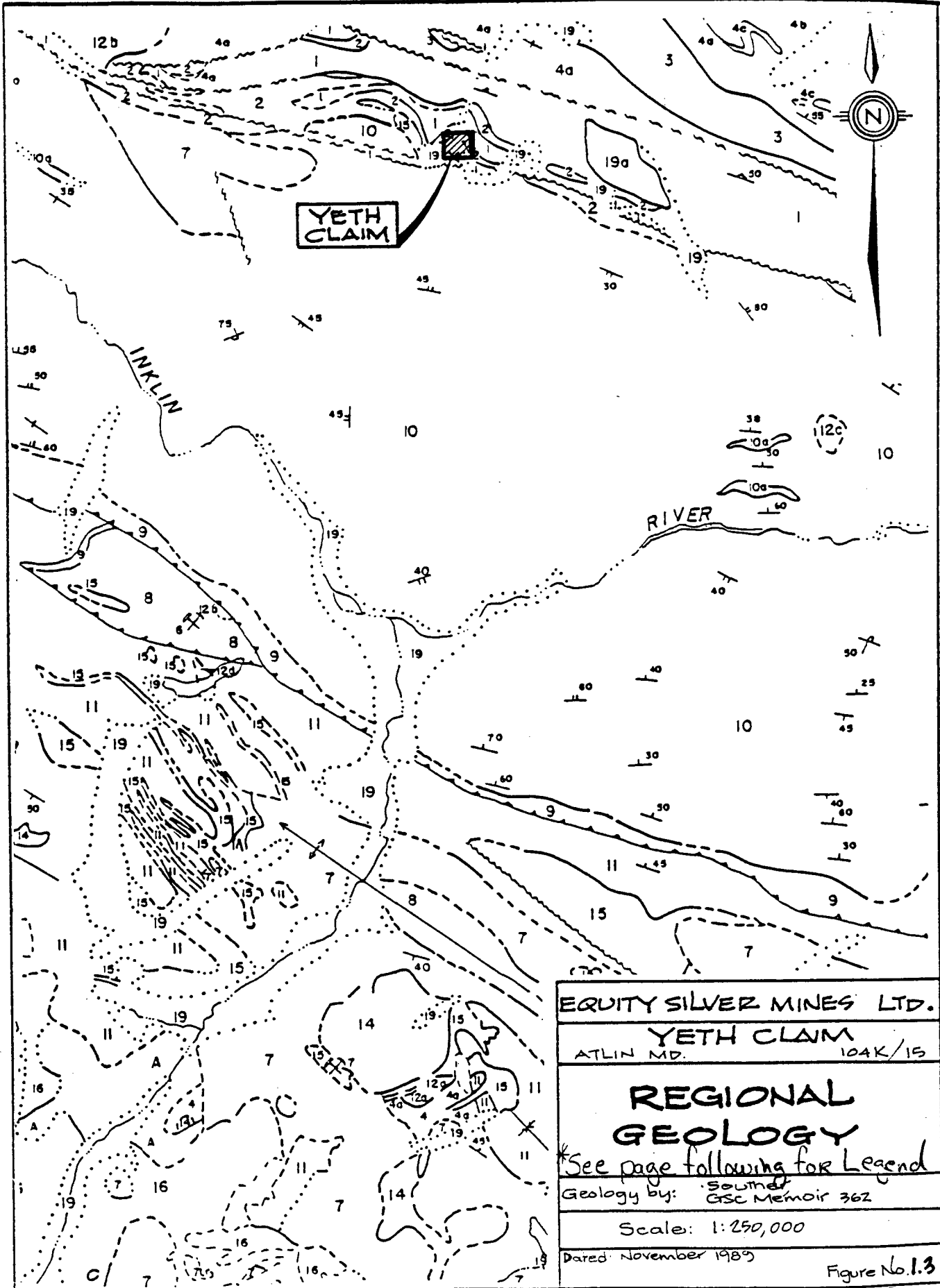
The Yeth claim is situated along the Nahlin fault zone, a major east-west trending, deep seated fault, which separates Cache Creek Terraine to the north from Stikine Terraine to the south. A large, ophiolite sliver is exposed along this structural contact. The Yeth claims are located on the southern edge of a wide fault zone which disrupts greywackes of the Jurassic Inklin group. Within the immediate area of the property, small felsic hypabyssal intrusives occur as dykes and sills intruding the Inklin Group.

### 2.2 Property Geology

Outcrop exposure on the Yeth property is generally good, but the steep topography at higher elevations and along ridges makes access difficult or impossible. Lower elevations are covered by thin, uniform glacial till, with good outcrop exposures in deeper cut creek channels.

The results of geological mapping carried out in 1989, are plotted on figure 2.1 at a scale of 1:10,000. A detailed map (fig 2.1.1) is keyed to figure 2.1.

The southern portion of the property is underlain by a sequence of black, medium grained greywackes. An isolated quartz porphyritic rhyolite dyke intrudes these greywackes. The northern portion of the property is underlain by highly deformed and faulted, interbedded greywacke-argillites that have been intruded by a complicated system of diorite and quartz-feldspar porphyry dykes and sills.



**YETH CLAIM**

INKLIN RIVER

RIVER

EQUITY SILVER MINES LTD.	
<b>YETH CLAIM</b>	
ATLIN MD.	104K/15
<b>REGIONAL GEOLOGY</b>	
*See page following for Legend	
Geology by: <sup>Southern</sup> GSC Memoir 362	
Scale: 1:250,000	
Dated: November 1989	
Figure No. 1.3	

Prepared by STETSON RESOURCE MGT. CORP.

## LEGEND

### LATE TERTIARY

### PLEISTOCENE AND RECENT

18 LEVEL MOUNTAIN GROUP - Basalt

17 HEART PEAKS FM  
Trachyte, rhyolite

### CRETACEOUS and TERTIARY

SLOKO GROUP - Felsic volcanic flows  
intrusives and pyroclastic

16 Quartz monzonite

15 Felsite

14 Rhyolite

### UPPER JURASSIC

12 Diorite granodiorite

### JURASSIC

#### LABERGE GROUP

11 TAKWAHONI FORMATION - Conglomerate, sandstone

10 INKLIN FORMATION - Clastic sediments, limestone

### UPPER TRIASSIC

9 SINWA FORMATION - Limestone, clastics, chert

7&8 STUHINI GROUP - Volcanic and sedimentary rocks

### TRIASSIC

6 Granodiorite, quartz diorite, foliated diorite

### PRE - UPPER - TRIASSIC

4 Sedimentary and volcanic rocks

### PERMIAN

3 Limestone, dolomitic limestone, chert

1&2 1) Serpentinite, peridotite 2) Gabbro

A Diorite gneiss, age unknown

Flow banding textures are exhibited in the diorite as mineral alignments of hornblende phenocrysts. Locally the diorite is mildly to intensely ankeritic. The diorite (Unit 12c) is tentatively correlated with hornblende diorites mapped by Souther (1971), 2kms to the south east which are of Post-Middle Jurassic and/or Cretaceous age. The diorite is medium to fine grained and occurs as closely spaced, irregularly shaped dykes.

A quartz-feldspar porphyry sill (Unit 15) is exposed in a cliff face on Nickel Creek and was examined in talus. The porphyry is gossanous, extensively clay altered, and contains up to 10% disseminated pyrite. Locally clay alteration is overprinted with quartz flooding. Descriptions of this unit correlate with Souther's (1971) Early Tertiary-Late Cretaceous age rocks. Large angular breccia float in Nickel Creek suggests a local outcrop upstream. Angular to subangular multilithic clasts range from 1 to 30 cm., and are suspended in a fine grained light felsic matrix.

### 3.0 GEOCHEMICAL SURVEYS

#### 3.1 Introduction

Extensive geochemical sampling was carried out to test the economic potential of the property. 22 rock chip samples were collected from various lithologies, and alteration zones, shear zones, and quartz veins. 3 bulk heavy mineral concentrate stream sediment samples were collected from major property drainages, and 7 bulk heavy mineral concentrate talus/soil samples were collected along a tributary draining into Yeth Creek .

The purpose of the bulk heavy mineral talus/soil sampling survey was:

1. to verify anomalies delineated by the Regional Geochemical survey released in 1988.
2. to locate possible dispersion trains from upslope mineralization.
3. to minimize the "nugget effect" inherent in conventional soil sampling methods.
4. To locate previously undetected mineralization on the property.

### 3.2 Litho geochemistry

#### 3.2.1 Analytical Techniques

In the field, 5-6 kilogram rock chip samples were collected, tagged, and stored in plastic bags. These samples were sent to Bondar-Clegg Laboratories in Vancouver for 29 element ICP geochemical and Fire Assay atomic absorption gold analyses. In the laboratory, samples were put through primary and secondary crushers. A sub sample of approximately 250 grams was then screened to -100, or -150 mesh and the pulp fire assayed for gold, and analyzed by 29 element ICP.

#### 3.2.2 Analytical Results

Rock samples: Most of the samples are weakly to moderately anomalous in gold (28 ppb to 100 ppb range). One sample of a quartz vein yielded 677 ppb Au across 25 cm. Another mineralized quartz veinlet returned > 1000 ppm Sb, 3135 ppm Pb, and > 20,000 ppm Zn.

### 3.3 Talus/Stream Sediment Heavy Mineral Concentrate (HMC) Sampling

#### 3.3.1 Analytical Techniques

For HMC stream sediment samples, 50 to 100 kilograms of sediment were screened through a 20 mesh sieve to obtain a 10 to 15 kilogram sample. For HMC talus or soil samples, a 10 mesh or 6 mesh sieve was used, with mesh size dependant on moisture or clay content of the medium.

The samples were placed in 11" x 17" plastic bags and sent to Vancouver for processing. The samples were mechanically panned down to obtain a 100 gm concentrate. Each sample was then weighed, vialled and sent to Activation Laboratories, Branford, Ontario for neutron activation analysis. (See Appendix III). The concentrates were then analysed for Au and 32 elements.

3.3.2. Analytical Results

H.M.C. samples: Low gold concentrations were detected in most of the bulk HMC samples. Sample YT 1530, a talus sample collected from the east bank of Nickel Creek, returned a split sample assay of 2750/1650 ppb gold.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The Nahlin fault cuts highly fractured and disrupted Inklin group sediments in the area of the Yeth claim. These zones of weakness may be conduits for hypabyssal intrusives and associated hydrothermal fluids. A large area of the property exhibits argillic to advanced argillic alteration. This alteration is geochemically anomalous in gold, antimony, arsenic, zinc, lead and copper. Further mapping and sampling of these zones is warranted.

COST STATEMENT

Project Preparation

Printing		\$	14.80
Maps		\$	28.70
Drafting		\$	82.50
B. Dynes	1 day @ \$225/ day	\$	225.00
		=====	
		\$	351.00

Field Personnel

PROSPECTOR			
B. Dynes (Aug 10-11)	2 days @ \$225/day	\$	450.00
FIELD TECHNICIANS			
R. Herzig (Aug 10-11)	2 days @ \$175/day	\$	350.00
		=====	
		\$	800.00

Support

Mobilization/Demobilization:			
Helicopter	3.2 hours @ \$750/hr	\$	2,400.00
Camp:			
Room	4 mandays @ \$35/manday	\$	140.00
Board	4 mandays @ \$25/manday	\$	100.00
Gasoline		\$	13.00
Propane		\$	8.50
General Supplies		\$	37.50
Communication (BC Tel)		\$	10.70
Shipping		\$	245.50
		=====	
		\$	2,955.20

Equipment Rental

Generator : 2 days @ \$25/day	\$	50.00
Computer : 2 days @ \$25/day	\$	50.00
Radios : 2X2 days @ \$20/day	\$	80.00
Field Equipment : 2 days @ \$15/day	\$	30.00
	=====	
	\$	210.00

Assays

Rock

29 ICP, Fire Assay Au, and Prep	
22 rocks @ \$25/sample	\$ 550.00
H.M.C. Talus/Soil	
32 element NA, and Prep	
7 HMC Talus @ \$100/sample	\$ 700.00
H.M.C. Stream Sediment	
32 element NA, and Prep	
3 HMC Stream sediments @ \$100/sample	\$ 300.00
	=====
	\$ 1,550.00

Report Writing

Geologist 2 days @ \$250/day	\$ 500.00
Draftsman 2 days @ \$200/day	\$ 400.00
Supplies	\$ 112.80
Typing, Copying	\$ 140.00
	=====
	\$ 1,152.80

Subtotal \$ 7,019.00

12% Administrative Overhead \$ 842.28  
=====

TOTAL \$ 7,861.28



- -

**STATEMENT OF QUALIFICATIONS**

**NAME:** Dynes, W.J.

**PROFESSION:** Prospector

**TRAINING:** 1985 Exploration Geochemistry  
U.B.C.

1983 B.C.D.M. Mineral  
Exploration Course

**PROFESSIONAL  
ASSOCIATIONS:** Member of the Geological  
Association of Canada -  
Cordilleran Division

**EXPERIENCE:** 1987 - Present: Prospector  
with Stetson Resource Manage-  
ment Corp. Field Supervisor  
for exploration programs in-  
volving geology, geochemistry,  
and geophysics in B.C. and  
Yukon.

1984 - 1987: Prospector and  
Manager of Geo P.C. Services  
Inc. Prospector involved with  
geological, geochemical and  
geophysical aspects of ex-  
ploration programs in B.C.

1975 - 1978: Analytical  
Chemist with Noranda Mines Ltd.  
Boss Mountain Division.

**STATEMENT OF QUALIFICATIONS**

**NAME:** Wetherill, J.F.

**PROFESSION:** Geologist - Engineer in Training

**EDUCATION:** 1987 B.A.Sc. Geology -  
University of British Columbia

**EXPERIENCE:** 1987 - Present: Geologist with  
Stetson Resource Management Corp.  
Field Supervisor for exploration  
programs involving geology, geo-  
chemistry, and geophysics in B.C.  
and Yukon.

1986, June - August: Field Assistant  
-Geologist involved with geological,  
geochemical and geophysical aspects  
of exploration programs in B.C.

## REFERENCES

Souther, J.G.

- 1971: Geology and Mineral Deposits of Tulsequah Map Area, British Columbia, Geological Survey Canada, Mem. 362

Brown, Shannon, K.

- 1982: Geological and Geochemical Surveys, Goat Claims, B.C.D.M. Assess. Report #12,797.

Walton, G.

- 1984: Geological, Geochemical Surveys, Ho, Hum Mineral Claims, B.C.D.M. Assess. Report #10,701

Hulbert, L.J. et al

- 1988: Geological Environments of the Platinum Group Elements, Geol, Sur. of Cda., Coveat Lector

Galloway, J.D.

- 1930: Annual Report of the Minister of Mines; B.C.D.M, 1929

**APPENDIX I**

**Rock Chip Assay Results**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE RECEIVED: 11-19-83

REPORT: V89-95266.0

PROJECT: YETH-REACTY

PAGE 14

SAMPLE NUMBER	ELEMENT UNITS	Au ppm	Ag ppm	As ppm	Ba ppm	Ca ppm	Cl ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Ni ppm	Zn ppm
R2 22951		25	<0.2	<5	240	4.2	<2	<1	27	2	80	5	
R2 22952		181	<0.2	<5	225	4.2	<2	<1	29	2	82	7	
R2 22953		23	1.7	122	576	5.3	4	<1	13	1	132	1	
R2 22954		37	1.0	122	292	11.3	2	39	32	8	50	11	
R2 22955 ✓		16	1.6	597	153	11.3	2	<1	19	4	67	56	
R2 22956 ✓		40	<0.2	260	162	16.2	9	3	16	16	119	25	
R2 22957 ✓		28	0.9	253	171	11.6	5	1	26	6	50	32	
R2 22958 ✓		100	11.2	>2000	132	22.5	9	31	10	11	51	30	
R2 22959 ✓		71	<0.2	43	138	6.9	<2	3	24	6	73	41	
R2 22960 ✓		29	<0.2	66	223	21.3	<2	2	24	17	77	162	
R2 22961 ✓		63	5.9	>2000	105	27.1	25	>10	41	40	15	423	
R2 22962 ✓		53	0.9	59	222	6.2	<2	1	13	3	30	3	
R2 22963 ✓		15	<0.2	100	306	3.1	<2	3	13	5	67	25	
R2 22964 ✓		25	0.3	30	162	10.1	<2	16	39	17	30	105	
R2 22965 ✓		404	5.6	137	113	6.4	16	<1	35	<1	124	42	
R2 22966 ✓		198	5.2	<5	124	3.1	<2	<1	45	3	100	7	
R2 22967 ✓		14	<0.2	52	66	10.7	<2	2	15	23	120	34	
R2 22968 ✓		11	2.4	>2000	91	13.6	<2	<1	19	14	51	37	
R2 22969 ✓		30	<0.2	9	99	6.4	<2	<1	19	7	125	114	
R2 22970 ✓		677	2.3	>2000	43	60.3	51	2	45	112	20	364	
R2 22974 ✓		11	<0.2	35	133	11.3	<2	<1	7	20	110	56	
R2 22980		11	<0.2	37	51	3.2	3	<1	780	2	13	17	

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 11/20/80

REPORT: V89-35066.7

PROJECT: METH-EGGITY

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SAMPLE NUMBER	ELEMENT UNITS	Ca PPM	La PPM	Li PPM	Mo PPM	Nb PPM	Pr PPM	Pb PPM	Sr PPM	Tb PPM	Ti PPM	Zn PPM
R2 22951		3	16	3	2	4	13	7	180	45	1	<20
R2 22952		4	16	4	3	4	13	7	52	45	1	<20
R2 22953		<2	9	3	38	<1	15	198	112	45	2	<20
R2 22954		4	24	6	3	6	3	213	55	5	3	<20
R2 22955		4	13	<1	1	2	13	33	38	28	2	<20
R2 22956		2	18	11	24	7	183	63	94	19	6	<20
R2 22957		3	15	<1	3	<1	16	24	22	11	2	<20
R2 22958		3	17	2	4	6	12	765	91	934	2	<20
R2 22959		3	18	9	2	7	18	22	55	7	4	<20
R2 22960		<2	26	7	50	9	126	38	37	52	9	<20
R2 22961		7	23	2	3	12	36	3105	55	>1000	3	<20
R2 22962		3	13	2	15	5	16	16	62	16	3	<20
R2 22963		3	27	4	4	6	18	133	27	15	2	<20
R2 22964		5	25	6	17	4	61	33	33	7	4	<20
R2 22965		<2	3	<1	23	<1	5	584	<20	12	<1	<20
R2 22966		<2	3	<1	13	<1	6	167	<20	17	<1	<20
R2 22967		4	12	5	2	6	32	18	67	45	17	<20
R2 22968		4	13	2	5	7	31	146	29	237	4	<20
R2 22969		3	3	3	14	3	9	11	43	45	7	<20
R2 22970		7	36	1	9	8	99	47	165	99	3	<20
R2 22974		3	12	5	2	6	113	27	59	7	16	<20
R2 80500		346	<1	4	<1	<1	15	19	21	45	2	<20

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V89-05066.D

DATE PRINTED: 14 FEB 80

PROJECT: YETH-EQUITY

PAGE 10

SAMPLE NUMBER	ELEMENT UNITS	Cr ppm	Fe ppm	Pb ppm	V ppm	Zn ppm	Y ppm	Br ppm	Sr ppm
R2 22951		143	<10	<10	4	<10	10	23	3
R2 22952		153	<10	<10	4	<10	10	22	9
R2 22953		32	<10	<10	19	<10	6	59	4
R2 22954		123	<10	<10	25	<10	10	4034	3
R2 22955		40	<10	<10	10	<10	5	143	2
R2 22956		215	<10	<10	68	<10	10	519	3
R2 22957		17	<10	<10	12	<10	6	513	2
R2 22958		105	10	<10	9	10	3	5193	<1
R2 22959		103	<10	<10	54	<10	14	410	2
R2 22960		153	<10	<10	353	<10	22	693	9
R2 22961		210	14	<10	4	302	20	>20000	<1
R2 22962		56	<10	<10	21	<10	9	170	6
R2 22963		152	<10	<10	21	<10	10	903	3
R2 22964		66	<10	<10	88	<10	16	1524	5
R2 22965		76	<10	<10	15	<10	1	52	4
R2 22966		14	<10	<10	8	<10	<1	20	3
R2 22967		93	<10	<10	113	<10	15	200	1
R2 22968		105	<10	<10	31	<10	9	529	2
R2 22969		21	<10	<10	20	<10	15	51	1
R2 22970		30	20	52	11	13	7	52	<1
R2 22974		40	<10	<10	114	<10	12	98	<1
R2 30500		1227	<10	<10	6	<10	4	95	<1

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



Geochemical  
 Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 2-207-89

REPORT: V89-06169.0

PROJECT: NONE GIVEN

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Al PPM	As PPM	Ba PPM	Be PPM	Bi PPM	Br PPM	Ca PPM	Co PPM	Cu PPM	Zn PPM
T1 NA01		<5	<0.2	<5	44	<0.5	23	<1	<5	78	534	28
T1 NA02		<5	<0.2	<5	13	<0.5	319	18	179	89	531	<1
T1 NA04		<5	<0.2	<5	33	<0.5	49	<1	9	88	463	11
T1 NA06		9	<0.2	<5	33	<0.5	58	<1	9	96	496	11
T1 YT01		38	1.7	168	90	<0.5	13	5	19	80	206	87
T1 YT04		<5	<0.2	<5	158	<0.5	6	1	34	11	43	40





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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Sa PPM	Sb PPM	Li PPM	Mo PPM	Nb PPM	Ni PPM	Pb PPM	Rb PPM	Sr PPM	Zn PPM	Sn PPM
T1 NA01		7	3	10	<1	<1	1492	<3	<20	<5	7	75
T1 NA02		741	5	122	<1	454	2008	769	<20	376	5	<20
T1 NA04		99	<1	17	<1	75	2174	45	<20	14	5	57
T1 NA06		33	<1	18	<1	71	1082	53	<20	29	5	47
T1 YT01		32	5	4	12	15	325	107	<20	9	5	<20
T1 YT04		19	15	13	4	13	50	13	<20	<5	5	<20

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12



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DATE PRINTED: 3-20-89

REPORT: W89-06169.0

PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Br PPM	Ta PPM	Ta PPM	U PPM	U PPM	V PPM	Zn PPM	Zn PPM
T1 NA01		12	<10	70	46	<10	4	54	7
T1 NA02		6	100	505	<1	200	4	55	<1
T1 NA04		8	<10	140	24	<10	1	42	<1
T1 NA06		11	<10	136	29	<10	3	39	<1
T1 YT01		104	<10	11	62	<10	11	799	4
T1 YT04		169	<10	<10	74	<10	10	202	6



Activation Laboratories Ltd. Work Order: 1421 Report: 1420

Sample description	AU PPB	AG PPM	AS PPH	BA PPM	BR PPH	CA %	CO PPH	CR PPM	CS PPH	FE %	HF PPH	HG PPM	IR PPB	MO PPH	NA PPM	NI PPM	RB PPM	SE PPH	SC PPM	SI PPH	Sr %
4001A	<5	<5	<2	<200	<5	<1	65	8900	<2	7.71	<1	<5	<40	<20	927	870	<50	<0.2	6.3	<20	<0.2
4001A Y102	<5	<5	20	1900	<5	3	47	19000	<2	6.25	3	<5	<40	<20	10000	<200	<50	2.1	12	<20	<0.2
4001B	<5	<5	14	1300	<5	3	40	14000	3	5.82	2	<5	<40	<20	10400	270	<50	1.7	13	<20	<0.2
4002A	125	<5	200	1600	<5	2	26	2200	<2	5.25	5	<5	<40	<20	9770	<200	<50	6.4	8.3	<20	<0.2
4002B Y103	19	<5	150	1300	<5	3	22	2100	<2	4.84	4	<5	<40	<20	9760	200	<50	4.6	8.3	<20	<0.2
4003A	16	<5	330	1800	<5	3	26	1400	<2	7.83	3	<5	<40	<20	12000	<200	<50	14	9.2	<20	<0.2
4003B Y106	31	<5	320	2200	<5	4	28	1500	<2	8.21	2	<5	<40	<20	12300	<200	<50	16	9.2	<20	<0.2
4004A	2750	<5	1500	2500	<5	<1	35	1600	<2	9.73	2	<5	<40	<20	8400	270	<50	12	9.9	<20	<0.2
4004B Y1530	1650	<5	1500	2200	<5	<1	35	1300	<2	9.11	2	<5	<40	<20	7900	<200	<50	10	9.4	<20	<0.2
4005A Y1575	283	<5	110	1700	<5	<1	27	2300	<2	7.97	2	<5	<40	<20	7500	350	<50	4.1	8.3	<20	<0.2
4005B	169	<5	160	2200	<5	<1	29	2300	<2	9.17	2	<5	<40	<20	6730	250	<50	5.6	7.2	<20	<0.2
4005A Y1721	58	<5	2200	1700	<5	2	27	79	<2	8.41	3	<5	<40	<20	1960	<200	<50	76	9.5	<20	<0.2
4006B Y1721	58	<5	2200	1800	<5	<1	28	86	<2	9.04	<1	<5	<40	23	2200	<200	<50	76	10	<20	<0.2
4007A Y1772E	122	<5	2300	3300	<5	2	33	1000	<2	8.95	5	<5	<40	<20	2740	200	<50	50	9.9	<20	<0.2
4007B Y1772E	75	<5	2300	2900	<5	<1	36	1100	<2	9.31	4	<5	<40	<20	2320	<200	64	49	8.6	<20	<0.2
4008A Y1704	50	<5	45	17000	<5	<1	16	61	9	7.34	6	<5	<40	<20	4630	<200	<50	45	15	<20	<0.2
4008B Y1704	<5	<5	43	19000	<5	<1	16	73	8	7.44	5	<5	<40	<20	4570	<200	56	49	15	<20	<0.2
4009A Y1747	52	<5	1500	3500	<5	<1	25	1300	<2	7.80	3	<5	<40	<20	7430	<200	<50	39	8.5	<20	<0.2
4009B Y1747	156	<5	1800	4400	<5	<1	31	1800	2	8.92	5	<5	<40	<20	7880	<200	62	45	9.3	<20	<0.2
4010A Y1802	267	<5	350	3100	<5	<1	40	1700	<2	10.0	2	<5	<40	<20	4990	320	<50	11	7.9	<20	<0.2
4010B Y1802	272	<5	230	2300	<5	<1	34	1200	<2	7.87	2	<5	<40	<20	6200	340	<50	10	8.8	<20	<0.2

NOV-22-89

WED

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Activation Laboratories Ltd.

Work Order: 1421 Report: 1420

Sample description	TA PPH	TH PPH	U PPH	V PPH	ZN PPH	LA PPH	CE PPH	NO PPH	SH PPH	EU PPH	TB PPH	YB PPH	LU PPH	Mass g
4001A	<1	<0.5	0.9	<4	<200	<1	<3	<10	<0.1	<0.2	<2	<0.2	<0.01	53.20
4001B	<1	1.4	<0.5	<4	210	8	<3	<10	1.2	<0.2	<2	0.7	0.16	53.20
4001B	<1	1.4	0.9	<4	<200	8	16	11	1.2	<0.2	<2	0.6	0.05	51.65
4002A	<1	1.9	1.3	<4	330	12	17	<10	1.7	0.6	<2	1.2	0.10	46.70
4002B	<1	1.8	<0.5	<4	310	11	16	<10	1.6	0.4	<2	1.2	0.11	51.10
4003A	<1	2.0	2.0	<4	450	14	19	<10	2.1	0.5	<2	1.6	0.14	42.67
4003B	<1	2.3	2.2	<4	450	15	20	<10	2.1	0.6	<2	1.2	0.22	39.84
4004A	<1	1.4	<0.5	<4	290	16	17	<10	1.8	<0.2	<2	1.2	0.19	50.07
4004B	<1	1.6	<0.5	<4	260	14	19	<10	1.7	0.5	<2	1.3	0.08	51.65
4005A	<1	1.4	1.5	<4	<200	14	17	<10	1.6	0.5	<2	1.0	0.07	50.04
4005B	1	1.3	0.7	<4	<200	12	18	<10	1.4	0.5	<2	0.9	0.15	52.60
4005A	<1	1.7	<0.5	<4	1100	16	28	<10	2.4	0.6	<2	1.7	0.05	48.80
4006B	<1	2.5	<0.5	<4	1100	16	19	<10	2.5	<0.2	<2	2.3	0.37	45.75
4007A	<1	2.8	3.5	<4	810	20	23	<10	2.4	0.9	<2	1.7	0.41	47.40
4007B	<1	2.0	<0.5	<4	700	17	26	<10	2.3	<0.2	<2	1.6	0.30	47.90
4008A	<1	1.9	1.4	5	<200	11	15	<10	1.7	0.6	<2	1.3	0.22	50.01
4008B	<1	1.1	<0.5	7	<200	11	17	<10	1.8	0.8	<2	1.5	0.10	51.20
4009A	<1	2.9	2.3	<4	630	18	22	15	2.3	0.9	<2	1.5	0.17	50.01
4009B	<1	3.8	3.5	<4	630	20	27	<10	2.3	<0.2	<2	1.6	0.24	47.50
4010A	<1	1.4	<0.5	<4	<200	11	16	<10	1.6	0.6	<2	1.2	0.14	54.05
4010B	<1	1.8	<0.5	<4	<200	13	17	<10	2.0	0.6	<2	1.3	0.13	51.20

NOV-22-89 MED

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**APPENDIX II**

**Rock Sample Descriptions**

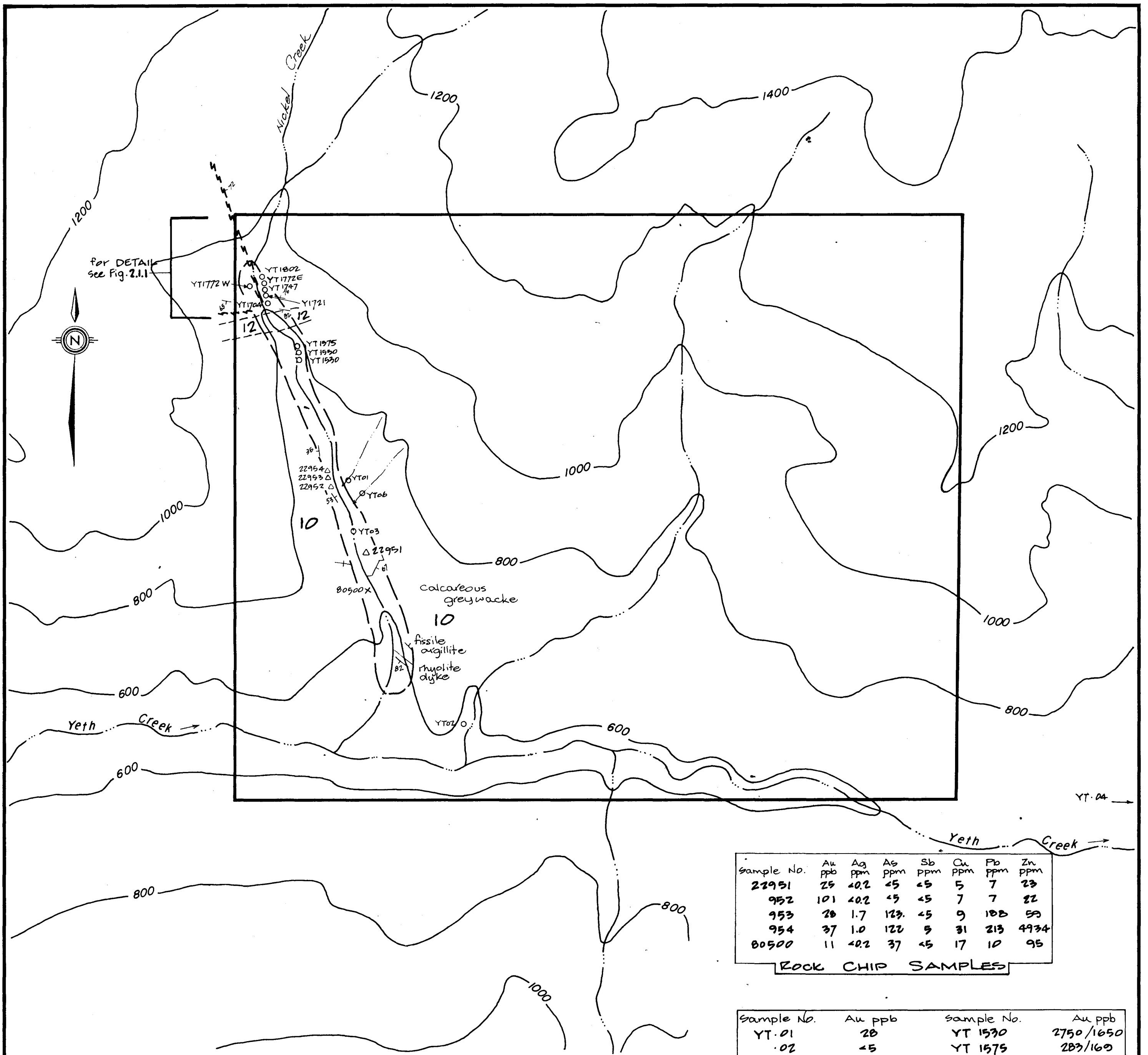
TABLE 2  
YETH SAMPLE DESCRIPTIONS

SAMPLE NO.	LOCATION	DESCRIPTION	STRIKE & DIP	WIDTH
80500		Large float in creek. Polymictic breccia (subangular) in banded calcite matrix	-	select
22951		Quartz, porphyritic, rhyolite local rust-green tinged patch in dyke	-	select
22952		Float. 'Bleached' felsic tuff with 3 parallel bands of quartz or beds of chert	-	select
22953		Float. White quartz-carbonate, carbonate in circular crystalline masses	-	select
22954		Float. Felsic rock (ankeritized) with quartz eyes and pyrite on fractures	-	select
22955		Deep weathered and bleached in ankeritic felsite	09/78E	10cm
22956		Polymictic breccia (rounded clasts) with weathered, soft matrix	174/80E	20cm
22957		Gouge zone; clay rich, rust buff colored	-	select
22958		Mineralized shear, sphalerite, galena. Pyrite in quartz, rich groundmass. Ankeritized.	173/72E	.4m
22959		Greywacke, hornfelsed and pyritized.	-	select
22961		Veinlet of massive ankerite with galena	12/70E	4.5cm
22962		Float (scree). Example of advanced argillic alteration from above.	-	select
22963		Intensely kaolinized, bleached to clay felsite	-	select
22964		Black graphitic argillite locally very soft.		.7m
22965		Scree. Example of advanced argillic alteration from above.	-	select
22966		Float. Example of advanced argillic alteration from above. Pyrite, silica and bleached matrix	-	select
22967		Talus. Intensely ankeritized. Felsite with blotches to veins of black pyrite	-	select
22974		Large polymictic breccia zone with ankerized matrix, clasts make up only 10% of rock, minor pyrite	-	select
22969		Large float in creek. Rhyolite	-	select

TABLE 2  
YETH SAMPLE DESCRIPTIONS

SAMPLE NO.	LOCATION	DESCRIPTION	STRIKE & DIP	WIDTH
		with pyrite blotches to disseminate along fractures. Grey, fine grain		
22970		Quartz with massive pyrite	156/82E	25cm
22960		Weathered, rusty and small gouge in black argillite at contact with ankeritized felsite	-	select
22968		Ankerite breccia, soft pyritic, kaolinized.	129/72SW	40cm





**LEGEND ~**

**LITHOLOGY**

LATE CRETACEOUS - EARLY TERTIARY  
SLOKO GROUP

19 Felsite, quartz feldspar porphyry

JURASSIC and/or CRETACEOUS

12 Hornblende diorite

LOWER and MIDDLE JURASSIC

10 INKLIN FORMATION: Greywacke  
graded siltstone, pebbly  
mudstone, limy pebble  
conglomerate.

**SYMBOLS**

Δ · Float sample

X · Rock sample

O · HMC sample

— · Jointing

— · Bedding

⊖ · Limit of outcrop

YT 1590 2750/1650 · Split sample

Sample No.	Au ppb	Ag ppm	As ppm	Sb ppm	Cu ppm	Pb ppm	Zn ppm
22951	25	40.2	45	45	5	7	23
952	101	40.2	45	45	7	7	22
953	28	1.7	123	45	9	100	53
954	37	1.0	122	9	31	213	4934
80500	11	40.2	37	45	17	10	95

**ROCK CHIP SAMPLES**

Sample No.	Au ppb	Sample No.	Au ppb
YT-01	28	YT 1590	2750/1650
.02	45	YT 1575	283/169
.03	125/19	YT 1721	58/58
.04	45	YT 1772E	122/75
.06	16/31	YT 1704	50/45
		YT 1747	52/156
		YT 1802	267/272

**PULK HMC SAMPLES**

**19376**

**EQUITY SILVER MINES LTD.**

**YETH CLAIM**

ATLIN MD. 104K/15E

**DETAILED  
GEOLOGY and SAMPLE  
LOCATION MAP**

Scale 1:10000  
0 100 200 400 M

Dated: November 1989  
Drawn by: Figure No. 2.1

Prepared by: STETSON RESOURCE MGT. CORP

