

LOG NO:	0322	RE 1
ACTION:	Date received back from amendment.	
FILE NO:		

GEOLOGICAL, GEOCHEMICAL

REPORT

ON THE

LAW PROPERTY

ATLIN MINING DIVISION

BRITISH COLUMBIA

NTS 104K/7W & 10W

58°30'N, 132°41'E

FOR

TAHLTAN HOLDINGS LTD.

#13-1155 Melville Street

Vancouver, British Columbia

V6E 4C4

W.J. DYNES
J. Wetherill B.A.Sc.

November 20, 1989



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

19377

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) GEOLOGICAL, GEOCHEMICAL	TOTAL COST 6648.43
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AUTHOR(S) J. WETHERILL SIGNATURE(S) *J. Wetherill*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED YEAR OF WORK
PROPERTY NAME(S) LAW

COMMODITIES PRESENT Au, Hg
B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION ATLIN NTS OAK/EW, OAK/OW
LATITUDE 38°30'N LONGITUDE 132°41'W

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)]:
LAW 7 (20 UNITS) RECORD # 3382
LAW 2 (20 UNITS) RECORD # 3379

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

MAILING ADDRESS
#13-1155 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):
STUHMN GROUP PIROCLASTICS ARE OVERLAIN BY EARLY
TERTIARY-LATE CRETACEOUS VOLCANIC FLOWS. LOCALLY
ALTERATION OCCURS AS QUARTZ FLOODING AND CLAY
ALTERATION

REFERENCES TO PREVIOUS WORK

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Figure 2.1a:	Geology and Sample Map (1:10,000)	In Pocket /

1.0 INTRODUCTION

This report presents the results of an exploration program carried out on the Law property. 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 Law property is situated in the Atlin mining division, approximately 160 kilometers west of Dease Lake, and 95 kilometers south of Atlin. The claim covers 20 square kilometers centered at latitude 58°30'N and longitude 132°41'W on mapsheet 104K/7W & 10W (Fig. 1.1).

Access to the property is via helicopter from Dease Lake or Atlin. Trapper Lake can also accommodate float planes up to single engine Otter in size. Trapper Lake is located immediately south of the property.

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 Law property is located along the northern boundary of the Tahltan Highland region of the Stikine Plateau. The region has a relatively dry climate, and snow cover in winter is moderate. The property covers alpine terrain. Treeline is at 1200 metres, below which are small stands of scrub fir and Engelmann spruce. Elevations, range from 800 meters along Trapper Lake to 2200 meters on the central property ridges.

EQUITY SILVER MINES LTD.

LAW CLAIM GROUP

ATLIN M.D.

104K/7,10E

LOCATION MAP

SCALE: 1:1,000,000 METRES

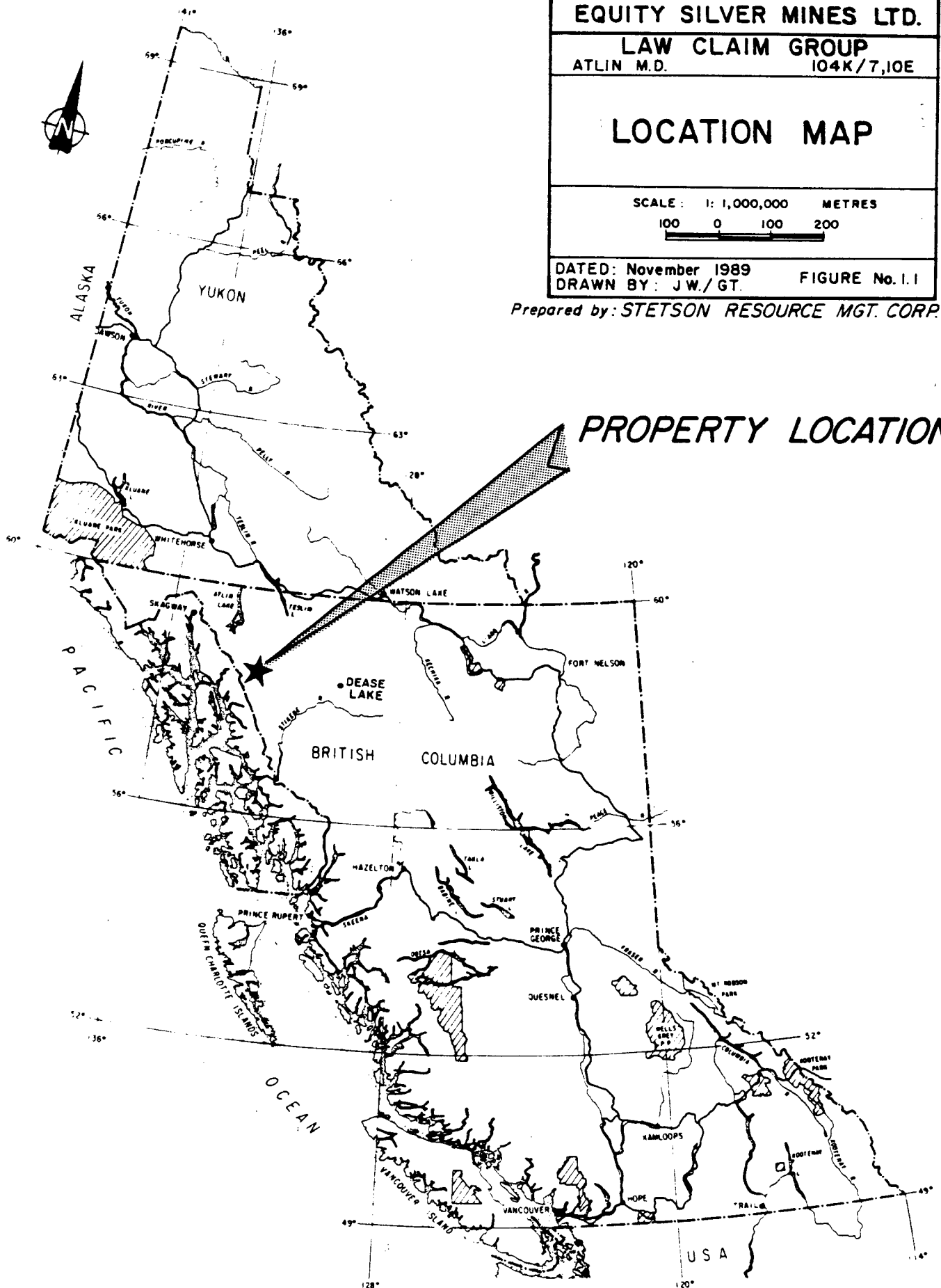
100 0 100 200

DATED: November 1989

FIGURE No.1.1

DRAWN BY: J.W./GT.

Prepared by: STETSON RESOURCE MGT. CORP.



PROPERTY LOCATION

1.3 Property

TABLE 1

The property is covered by 4 "Modified Grid" mineral claims, as per Table 1.

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Law 1	20	3382	August 24, 1990
Law 2	20	3379	August 24, 1990
Law 3	18	3380	August 24, 1990
Law 4	20	3381	August 24, 1990

1.4 History

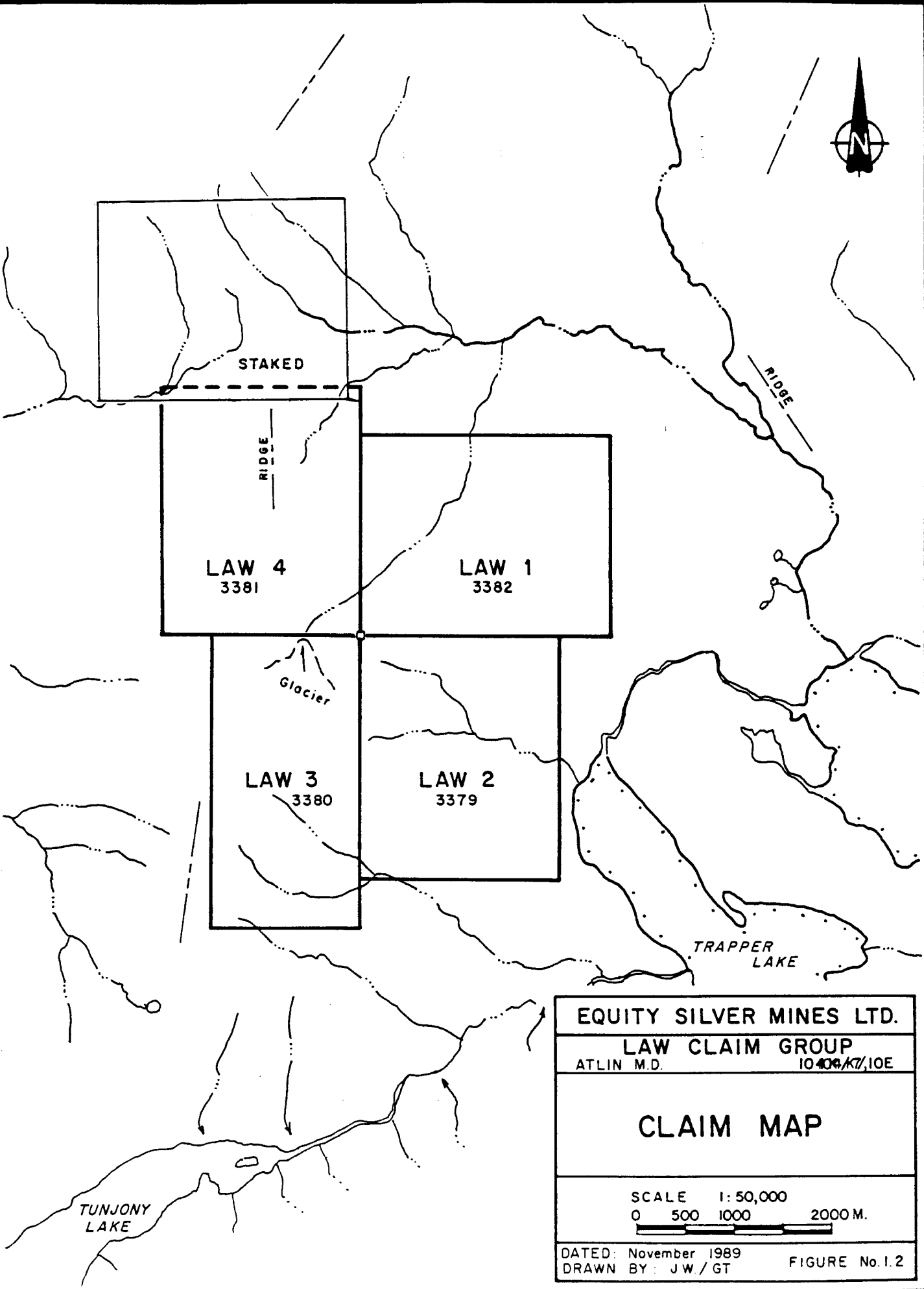
There is no record of previous work on the Law claims. In the immediate area of the claims, both the Inlaw and Outlaw Claims have received considerable attention from Chevron Minerals Ltd. and it's joint venture partners. Gold mineralization is associated with Sloko rhyolite dykes, drusy quartz veins and stockworks, and clay alteration zones.

On the Outlaw claims, mineralization is associated with areas of intense clay alteration hosted by silicified tuffs which are cut by a series of east - west fractures (Ass. Rpt. #10532).

On the Inlaw claims, Chevron Minerals conducted geological mapping, soil sampling and trenching in 1983 (Ass. Rpt. #13107). Values to 33 gm/tonne Au are reported from areas of quartz flooding and veining related to Sloko rhyolite dykes cutting Stuhini volcanics. A soil survey delineated a large zone of auriferous veining. Visible gold was panned from the soils in at least two localities.

1.5 1989 EXPLORATION PROGRAM

An exploration program was undertaken by a geological field crew of 3 men employed by Stetson Resource Management Corp., under the direction of the writer. Geological and geochemical surveys were carried out August 7 and 8, 1989.



EQUITY SILVER MINES LTD.	
LAW CLAIM GROUP	
ATLIN M.D.	10409/K7,10E
CLAIM MAP	
SCALE 1: 50,000	
0 500 1000 2000 M.	
DATED: November 1989	FIGURE No.1.2
DRAWN BY: J.W./GT	

1.5.1 Geological Survey

The property was mapped by B. Dynes, and J. Wetherill 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 pace and compass surveyed into the drainage confluences.

1.5.2. Geochemical Surveys

A total of 2 stream sediment, and 3 talus bulk heavy mineral concentrate samples were collected from major property drainages, and slopes. The samples were analyzed for Au and 29 elements by fire assay and spectrographic techniques.

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

All rock samples were analyzed for gold by fire assay and 29 element ICP. All analyses are appended.

2.0

GEOLOGICAL SURVEYS

2.1 Regional Geology

The youngest rock units on the claims belong to the Tertiary Sloko group. The Sloko group is genetically related to several gold deposits (e.g. Mount Skukum, 150 kt of 24g/t, Au). The Group is represented by rocks ranging from subvolcanic (high level intrusions) to extrusive flows and tuffs. The Sloko group intrudes and overlies Triassic Stuhini group volcanics composed of mainly andesite to basalt flows and agglomerates.

Locally, intermediate to advanced argillic alteration was observed in the Sloko pyroclastics. In several areas abundant quartz vein material was observed in the talus and felsenmeer.

From the air, several gossans were noted on a ridge in the northeast quadrant of the claim. Three streams draining this ridge returned highly anomalous values (99th percentile) in Hg and Sb, plus trace gold values (GSC 1988).

In the south western corner of the claims an intensely carbonatized zone, strikes northwest.

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

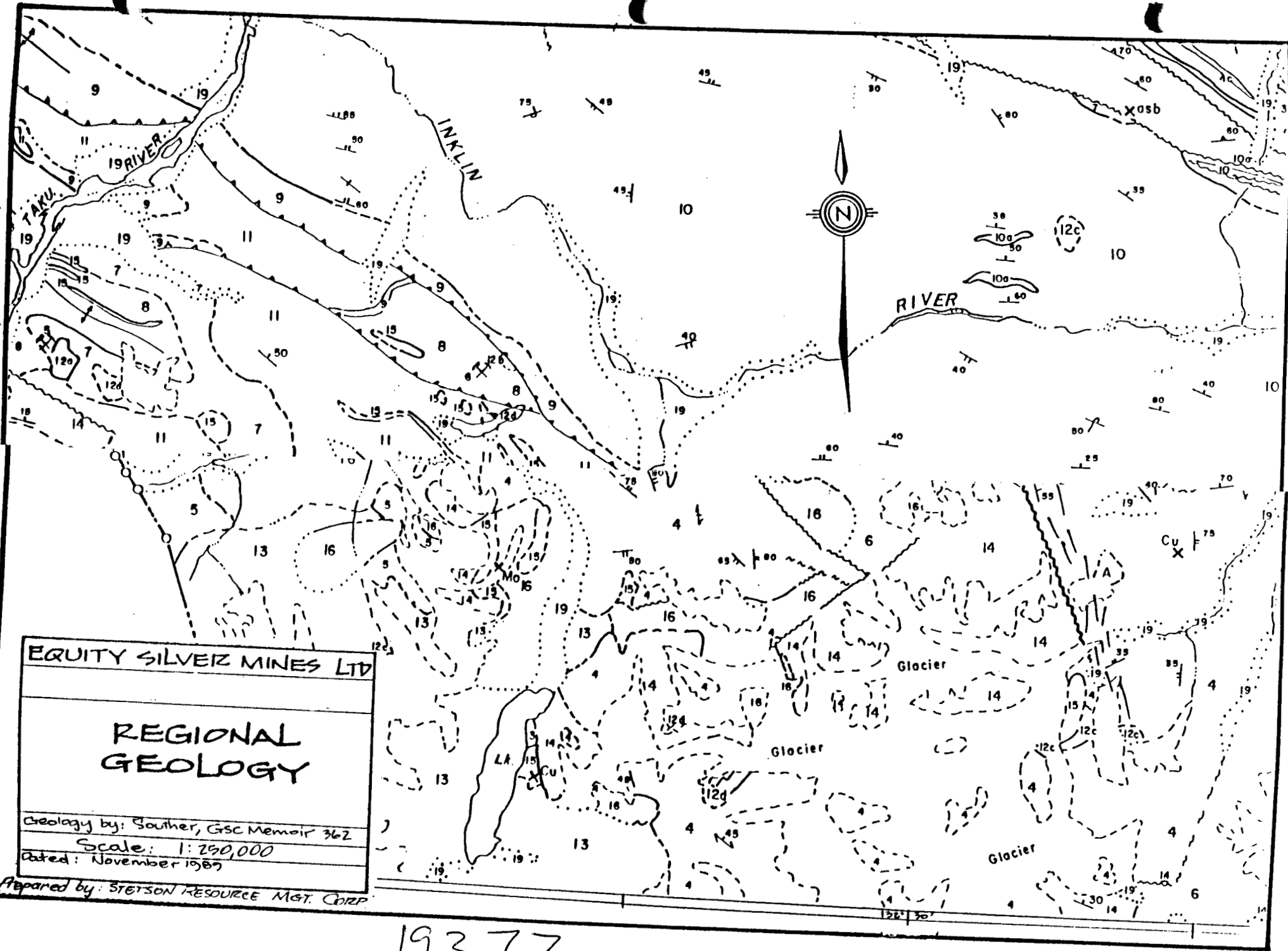


Fig. 13

19377

2.2 Property Geology

Outcrop exposure on the Law property is generally good at higher elevations and along ridges, however relationships between various lithological units are ambiguous due to masking carbonate alteration and alteration scree covering most slopes. Lower elevations are covered by thick outwash till, with sparse outcrop exposures in deeper cut creek channels.

Geological mapping carried out in 1989 is plotted on figures 2.1 and 2.1a at scales of 1:10,000. Descriptions of the rock units mapped on the property are listed below in Appendix II.

The Law 1 is predominately underlain by pyroclastics of the Upper Triassic Stuhini group. The unit here consists mainly of a light to dark colored lapilli tuff apparently variably silicified. Locally a light purple tinge gives the silicified rock a jasperoid look. To the south on Law 2, Early Tertiary-Late Cretaceous volcanics overlie the Stuhini group and occur as a flat lying series of dark colored beds and flows. A small creek on Law 1 exposes a bleached argillically and locally ankeritically altered rock (presumably Stuhini group), that is perhaps controlled by a northeast trending fault. To the north of this small creek a long dispersion train of quartz breccia occurs in talus slopes.

3.0 GEOCHEMICAL SURVEYS

3.1 Introduction

Geochemical sampling was carried out to test the economic potential of the property. 20 rock chip samples were collected from silicic and argillic alteration zones, shear zones, and quartz veins. 2 bulk heavy mineral concentrate stream sediment samples were collected from major property drainages, and 3 bulk heavy mineral concentrate talus/soil samples were collected along a western drainage into Trapper Lake.

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 and fire assay gold analyses. In the laboratory, samples were put through primary and secondary crushers. A sub sample is then pulverized and screened to -150 mesh. 10 grams of this pulp as well as 0.5gm is fire assayed for gold, analyzed by 10 grams of an ICP for 29 elements.

3.2.2 Analytical Results

Rock Samples:

Two samples of quartz breccia from talus slopes were anomalous in gold (495 ppb and 360ppb).
All

except one rock sample is anomalous in arsenic (to 2220 ppm). Although not a total assay for barite elevated values (to 3530 ppm) suggest barium in many of the samples. Two samples from Law 2 are anomalous in mercury (to 30,000 ppb). Also, many of the rocks from Law 2 are anomalous in antimony. Anomalous Au, Ba, Hg, Sb suggest a low temperature epithermal environment and explain two 1988 R.G.S. silt anomalies draining this area.

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 approximately 100 gm of 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 spectrographically analysed for Au and 30 elements.

3.3.2 Analytical Results

H.M.C. Results:

A talus sample taken just north of the small creek on Law 1 near the quartz talus dispersion train gave a 3790 ppb Au result. Two other samples from the property gave moderately anomalous (778 ppb and 137 ppb) results in gold.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Geochemical and geological results indicate the presence of an epithermal system anomalous in gold. Further work is recommended and should include further reconnaissance as well as locating the source of auriferous quartz breccia in talus.

COST STATEMENT

Project Preparation

Printing		\$	26.50
Maps		\$	14.80
Drafting		\$	87.00
B. Dynes	1 day @ \$225/ day	\$	225.00
J. Wetherill	1 day @ \$250/day	\$	250.00
		=====	
		\$	329.50

Field Personnel

PROSPECTOR			
B. Dynes (Aug 5-6)	2 days @ \$225/day	\$	450.00
J. Wetherill (Aug 7-8)	2 days @ \$250/day	\$	500.00
FIELD TECHNICIANS			
M. Pym (Aug 5-6)	2 days @ \$175/day	\$	350.00
		=====	
		\$	1,300.00

Support

Mobilization/Demobilization:			
Helicopter	1.4 hours @ \$750/hr	\$	1,050.00
Camp:			
Room	8 mandays @ \$35/manday	\$	280.00
Board	8 mandays @ \$25/manday	\$	200.00
Gasoline		\$	21.00
Propane		\$	16.00
General Supplies		\$	35.50
Communication (BC Tel)		\$	11.80
Shipping		\$	180.80
		=====	
		\$	1,795.10

Equipment Rental

Generator : 3 days @ \$25/day	\$	75.00
Computer : 3 days @ \$25/day	\$	75.00
Radios : 4X3 days @ \$20/day	\$	240.00
Field Equipment : 3 days @ \$15/day	\$	45.00
	=====	
	\$	435.00

Assays

Rock

29 ICP, Fire Assay Au, and Prep 20 rocks @ \$25/sample	\$ 500.00
H.M.C. Talus/Soil 30 element NA, and Prep 3 HMC Talus @ \$100/sample	\$ 300.00
H.M.C. Stream Sediment 30 element NA, and Prep 2 HMC Stream sediments @ \$100/sample	\$ 200.00 =====
	\$ 1,000.00

Report Writing

Geologist 2 days @ \$250/day	\$ 500.00
Draftsman 2 days @ \$200/day	\$ 400.00
Supplies	\$ 86.50
Typing, Copying	\$ 90.00
	=====
	\$ 1,076.50
Subtotal	\$ 5,936.10
12% Administrative Overhead	\$ 712.33 =====
TOTAL	\$ 6,648.43

REFERENCES

- Brown, D., et al:
Geological and Geochemical Survey, Outlaw Claims;
BCDM Ass. Rpt. # 10532
- Walton, G.:
Geological and Geochemical Survey, Inlaw 1 Claim;
BCDM Ass. Rpt. # 13107
- Geological Survey of Canada
Regional Geochemical Survey #20, G.S.C. Openfile
1647.
- Souther, J.G.:
Tulsequah and Juneau Geology; G.S.C. Map 1262A.
(1960)

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.- 14 -

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.

APPENDIX I
Rock Chip Assay Results



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers
 213 BROOKSBANK AVH., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-1C1
 PHONE (604) 984-9211

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13 - 1155 MBLVILLE ST.
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Project: LAW
 Comments:

* Page No. : 1-A
 Tot. Pages: 1
 Date : 20-NOV-89
 Invoice #: 1-8930280
 P.O. # :

CERTIFICATE OF ANALYSIS A8930280

SAMPLE DESCRIPTION	PRHP CODE		Au	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb RUSH	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
L-05	255	238	< 5	1.10	< 0.2	135	390	< 0.5	< 2	0.60	< 0.5	28	21	169	6.06	< 10	3	0.43	< 10	0.14	1830
L-06	255	238	< 5	9.82	< 0.2	< 5	220	< 0.5	< 2	6.52	< 0.5	3	18	1	0.91	< 10	< 1	0.10	< 10	0.14	115
L-10	255	238	< 5	0.16	< 0.2	60	430	< 0.5	< 2	0.57	< 0.5	5	277	15	1.33	< 10	1	< 0.01	< 10	0.03	180
L-12	255	238	< 5	0.13	< 0.2	530	1290	< 0.5	< 2	0.33	< 0.5	6	228	5	7.73	< 10	< 1	< 0.01	< 10	0.04	5790
L-13	255	238	< 5	0.12	< 0.2	730	280	< 0.5	< 2	0.24	< 0.5	3	266	3	2.61	< 10	30	0.01	< 10	0.03	295
L-14	255	238	< 5	0.15	< 0.2	315	360	< 0.5	< 2	0.62	< 0.5	14	194	10	7.00	< 10	1	0.01	< 10	0.14	5070
L-15	255	238	< 5	0.83	< 0.2	2220	200	< 0.5	< 2	0.13	< 0.5	17	21	67	8.71	< 10	30	0.38	< 10	0.04	345
L-16	255	238	35	0.85	< 0.2	130	190	< 0.5	< 2	0.46	< 0.5	1	46	21	0.99	< 10	< 1	0.36	< 10	0.04	43
L-17	255	238	< 5	0.09	< 0.2	335	660	< 0.5	< 2	0.36	< 0.5	4	207	3	2.67	< 10	< 1	< 0.01	< 10	0.09	1215
L-18	255	238	< 5	0.52	0.8	25	80	< 0.5	< 2	9.69	28.0	8	31	81	3.93	< 10	< 1	0.03	< 10	3.65	2580
DX9-28 B	255	238	< 5	2.37	< 0.2	445	200	< 0.5	< 2	8.45	< 0.5	18	27	55	4.41	< 10	< 1	0.37	< 10	1.24	2630
DX9-28 C	255	238	< 5	0.43	< 0.2	35	1820	< 0.5	< 2	0.26	< 0.5	12	73	52	3.99	< 10	< 1	0.03	< 10	0.24	820
DX9-28 D	255	238	30	0.26	< 0.8	295	180	< 0.5	< 2	0.05	< 0.5	4	85	19	3.45	< 10	3	0.04	< 10	0.02	60
DX9-28 E	255	238	495	0.29	< 0.2	3520	100	< 0.5	< 2	0.67	< 0.5	36	36	12	> 15.00	< 10	< 1	< 0.01	10	1.08	> 10000
DX9-28 F	255	238	< 5	0.37	< 0.2	35	2570	< 0.5	< 2	0.20	< 0.5	6	90	2	2.72	< 10	< 1	0.03	< 10	0.03	685
DX9-28 O	255	238	360	0.24	0.4	75	3530	< 0.5	< 2	0.02	< 0.5	7	79	11	2.64	< 10	< 1	0.03	< 10	0.02	460
DX9-28 H	255	238	55	0.39	0.4	105	2600	< 0.5	< 2	0.05	< 0.5	4	137	32	1.25	< 10	< 1	0.07	< 10	0.03	260
DX9-28 I	255	238	< 5	0.31	< 0.2	145	40	< 0.5	< 2	1.98	< 0.5	8	133	31	2.06	< 10	< 1	0.16	< 10	0.17	680
DX9-28 J	255	238	< 5	0.75	< 0.2	50	1590	< 0.5	< 2	1.01	< 0.5	32	23	91	9.38	< 10	< 1	0.48	< 10	1.05	3470

CERTIFICATION : _____

NOV-21-89 TUE 12:41
 604 984 9218



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

313 BROOKSBANK AVE., NORTH VANCOUVER,
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Project: LAW
Comments:

Page No.: 1-B
Tot. Pages: 1
Date: 20-NOV-89
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P.O. #:

CERTIFICATE OF ANALYSIS A8930280

SAMPLE DESCRIPTION	PREP CODE		Mb	Na	Ni	P	Pb	Sb	Se	Sc	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L-05	255	238	< 1	< 0.01	18	1200	6	25	13	20	< 0.01	< 10	< 10	105	< 10	104
L-06	255	238	< 1	0.37	2	200	< 2	< 5	2	247	< 0.01	< 10	< 10	18	< 10	20
L-10	255	238	< 1	< 0.01	8	2160	8	20	1	25	< 0.01	< 10	< 10	17	< 10	76
L-12	255	238	< 1	< 0.01	4	2340	2	40	6	42	< 0.01	< 10	< 10	51	< 10	132
L-13	255	238	< 1	< 0.01	7	1150	4	195	1	17	< 0.01	10	< 10	10	< 10	44
L-14	255	238	< 1	< 0.01	6	1800	2	30	4	24	< 0.01	< 10	< 10	43	< 10	118
L-15	255	238	< 1	0.02	4	3120	< 2	185	11	12	< 0.01	< 10	< 10	80	10	74
L-16	255	238	< 1	0.03	3	2960	< 2	15	5	15	< 0.01	< 10	< 10	22	< 10	14
L-17	255	238	< 1	< 0.01	8	1110	4	20	3	25	< 0.01	< 10	< 10	36	< 10	68
L-18	255	238	< 1	< 0.01	32	200	30	10	8	228	< 0.01	< 10	< 10	58	20	2270
DX9-28 B	255	238	< 1	< 0.01	13	490	16	20	9	402	< 0.01	< 10	< 10	82	< 10	124
DX9-28 C	255	238	< 1	< 0.01	7	430	12	10	8	31	< 0.01	< 10	< 10	54	< 10	86
DX9-28 D	255	238	< 1	< 0.01	4	30	16	10	1	12	< 0.01	< 10	< 10	8	< 10	12
DX9-28 E	255	238	< 1	< 0.01	10	320	36	5	23	11	< 0.01	< 10	< 10	80	50	206
DX9-28 F	255	238	< 1	< 0.01	9	860	6	5	7	62	< 0.01	< 10	< 10	20	< 10	36
DX9-28 G	255	238	< 1	< 0.01	3	110	26	< 5	5	142	< 0.01	< 10	< 10	14	< 10	72
DX9-28 H	255	238	< 1	< 0.01	3	90	20	5	2	51	< 0.01	< 10	< 10	28	< 10	22
DX9-28 I	255	238	< 2	< 0.01	9	690	30	< 5	2	55	< 0.01	< 10	< 10	10	< 10	30
DX9-28 J	255	238	< 1	< 0.01	18	400	36	15	13	45	< 0.01	< 10	< 10	70	20	184

CERTIFICATION : _____

NOV-21-89 TUE 12:42 604 984 0218



OREX Laboratories Ltd.

APPLIED MINERALOGY

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Telephone: (604) 681-8993

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LAW PROJECT

SILT SEDIMENT DATA

SAMPLE N ^o	Weight (Kg)	Weight (g)	MINERALS	%	GRAVITY CONCENTRATE								OBSERVATIONS	
					PARTICLE SIZE ANALYSIS FOR									
					N ^o OF PARTICLES/ FLATTENING (In different size ranges - microns)									
					↓ 1600	↓ 800	↓ 400	↓ 200	↓ 100	↓ 50	↓ 25	↓		
1001 JOHNS LAW	8.80	A 48.80 B 48.60												
2002 LAW MP-04	10.90	A 43.40 B 46.30												
LAW MP-05	8.70													
2003 LAW MP 7+20	8.05	A 47.85 B 48.25												
1004 LAW MP- 6+10		A 50.08 B 51.20												

Activation Laboratories Ltd.

Work Order: 1425 Report: 1424

Sample description	AU PPB	AG PPH	AS PPH	BA PPM	BR PPH	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPH	HG PPH	IR PPB	MO PPM	NA PPH	NI PPH	RB PPH	SB PPH	SC PPH	SE PPH	SR %
2001A	45	<5	29	530	<5	<1	19	200	7	5.71	3	<5	<40	<20	7970	<200	<50	17	20	<20	<0.2
2001B	34	<5	30	470	<5	<1	21	210	8	6.41	3	<5	<40	<20	9210	<200	<50	20	23	<20	<0.2
2002A	24	<5	86	1700	<5	<1	19	69	25	10.3	3	10	<40	<20	2040	<200	<50	99	22	<20	<0.2
2002B	62	<5	77	1100	<5	<1	17	60	27	9.46	<1	7	<40	<20	2130	<200	57	86	22	<20	<0.2
2003A	3790	<5	95	3300	<5	<1	19	17	19	7.09	3	<5	<40	<20	1020	<200	<50	48	18	<20	<0.2
2003B	778	<5	84	2000	<5	<1	18	16	19	6.63	3	<5	<40	<20	1060	<200	<50	47	18	<20	<0.2
2004A	19	6	280	19000	<5	<1	20	24	5	6.39	4	<5	<40	<20	558	<200	<50	52	18	<20	<0.2
2004B	137	6	300	19000	<5	<1	20	21	6	6.40	4	<5	<40	<20	524	<200	<50	57	18	<20	<0.2

NU-20-89 MET

11.50

519 750 0752

0 1 3

Sample description	TA PPM	TH PPM	U PPM	V PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SH PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
2001A	<1	0.8	<0.5	<4	<200	6	9	<10	1.1	0.4	<2	1.2	0.18	48.80
2001B	<1	1.0	<0.5	<4	<200	5	9	<10	1.1	0.6	<2	1.3	0.15	48.60
2002A	<1	1.7	<0.5	7	<200	9	12	13	1.9	0.7	<2	1.9	0.20	43.40
2002B	<1	1.8	<0.5	5	<200	9	15	<10	1.9	0.7	<2	1.8	0.22	46.30
2003A	<1	1.1	<0.5	<4	490	9	15	<10	2.3	1.0	<2	2.7	0.28	47.85
2003B	<1	1.2	1.4	<4	460	8	14	<10	2.1	0.9	<2	2.5	0.39	48.25
2004A	<1	<0.5	<0.5	<4	220	8	11	<10	1.6	0.8	<2	1.8	0.25	50.00
2004B	<1	0.9	<0.5	<4	<200	8	12	<10	1.6	0.6	<2	1.9	0.22	51.20

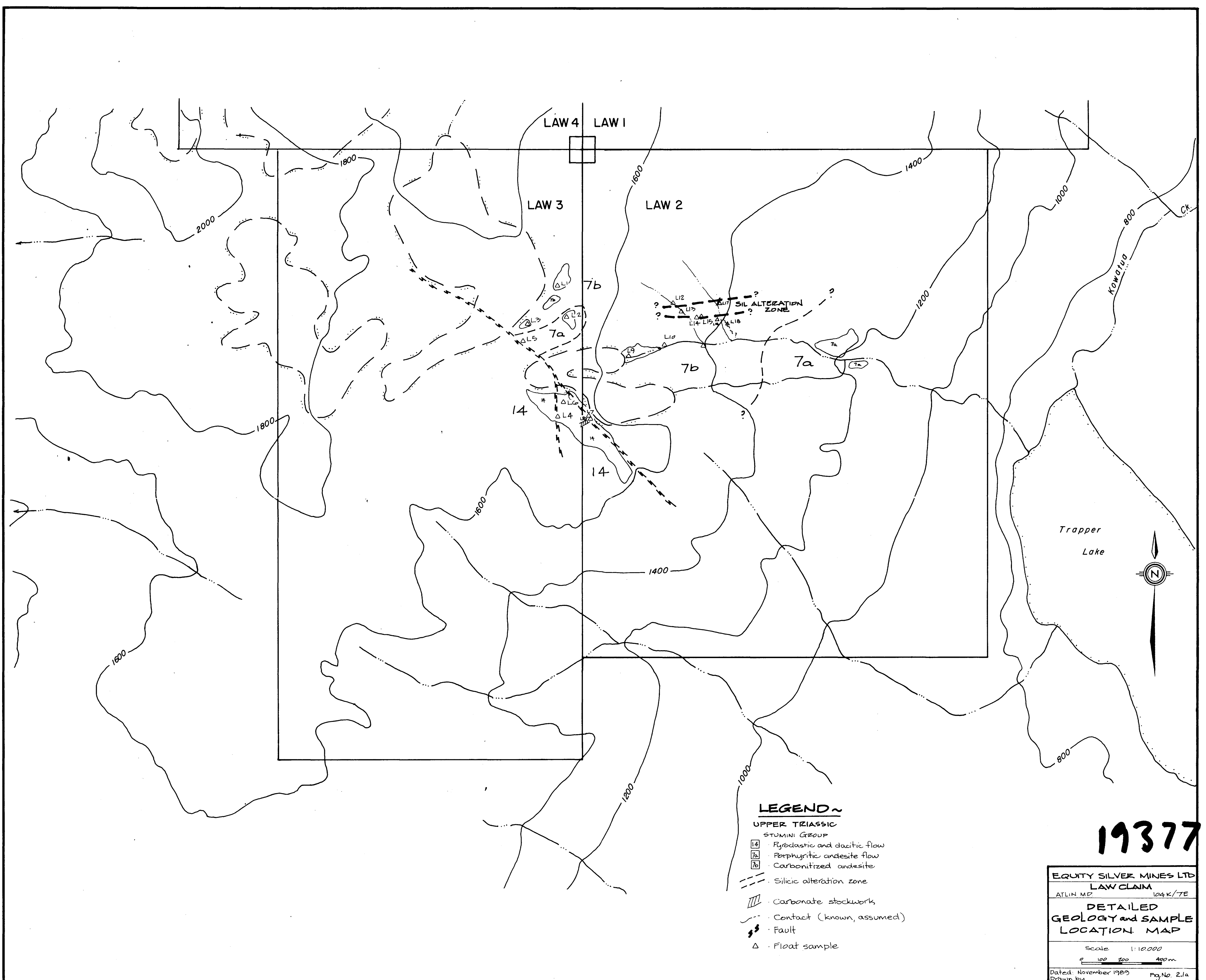
APPENDIX II
Rock Sample Descriptions

TABLE 2
LAW SAMPLE DESCRIPTIONS

SAMPLE NO.	LOCATION	DESCRIPTION	STRIKE & DIP	WIDTH
DY9-28A		Silicified tuff, purplish, pink, very hard	-	Select
DY9-28B		Silicified Tuff, light grey, very hard with dark quartz veinlets in hairline fractures, jasper		
DY 9-28C		Composite of quartz in talus, cockscomb to amorphous	-	Select
DY 9-28D		Quartz breccia, Ankerite matrix, clasts rounded to angular. Very strong black MnO ₂ staining	-	Select
DY 9-28E		Volcanic, fine grained, hard, black, with blotches of Pyrrhotite, local breccia w black quartz matr	-	Select
DY9-28F		Composite i) Quartz, amorphous with drusy surface ii) Volcanic breccia with hematite ankerite matrix	-	select
DY 9-28G		Quartz breccia with open vugs, scree	-	select
DY9-28 H		Clay zone mottled blue and brown, dark grey blotches (fine divided sulfides)	-	select
DY9-28I		Quartz, banded	-	select
DY 9-28J		Clay zone, mottled blue and black	-	select

<u>Sample#</u>	<u>Attitude</u>	<u>Width</u>	<u>Figure</u>	<u>Description</u>
L-1	-----	Select	2.1a	Tan - green altered basalt with ankerite stockwork.
L-2	-----	Select	2.1a	Purple basalts, vuggy with kaolinized phenocrysts.
L-3	-----	Select	2.1a	Argillic alteration.
L-4	-----	Select	2.1a	Feldspar - hornblende porphyritic andesite with minor hornblende megacrysts.
L-5	-----	Select	2.1a	Clay gouge from small fault.
L-6	?	20cm	2.1a	Carbonate breccia, no visible sulphides.
L-7	005/70W	10cm	2.1a	Dolomite vein, crystal lined vugs, no visible sulphides.
L-8	-----	Select	2.1a	Feldspar - hornblende andesite.
L-9	-----	Select	2.1a	Pyritic andesite, pyroxene phenocrysts.
L-10	Float	-----	2.1a	Red and dark grey banded quartz vein?
L-11	Float	-----	2.1a	As L-10 but local.
L-12	Float	-----	2.1a	Limonitic, siliceous float, dark purple weathering, arsenic odor.
L-13	100/40N	Select	2.1a	Red and dark grey banded silicic subcrop, cinnabar spots.
L-14	~100/40N	1m	2.1a	Banded quartz vein/flooding?
L-15	-----	Grab	2.1a	Altered and highly weathered zone overlying vein?, no visible su.

<u>Sample#</u>	<u>Attitude</u>	<u>Width</u>	<u>Figure</u>	<u>Description</u>
L-16	-----	Select	2.1a	Limonitic purple weathered andesite with minor silicification, no visible sulphides.
L-17	-----	Grab	2.1a	Siliceous subcrop, no visible sulphides, but limonitic vugs.
L-18	~140°Trend	Grab	2.1a	Grab of clay gouge from 5m wide chloritic shear zone, no visible sulphides.

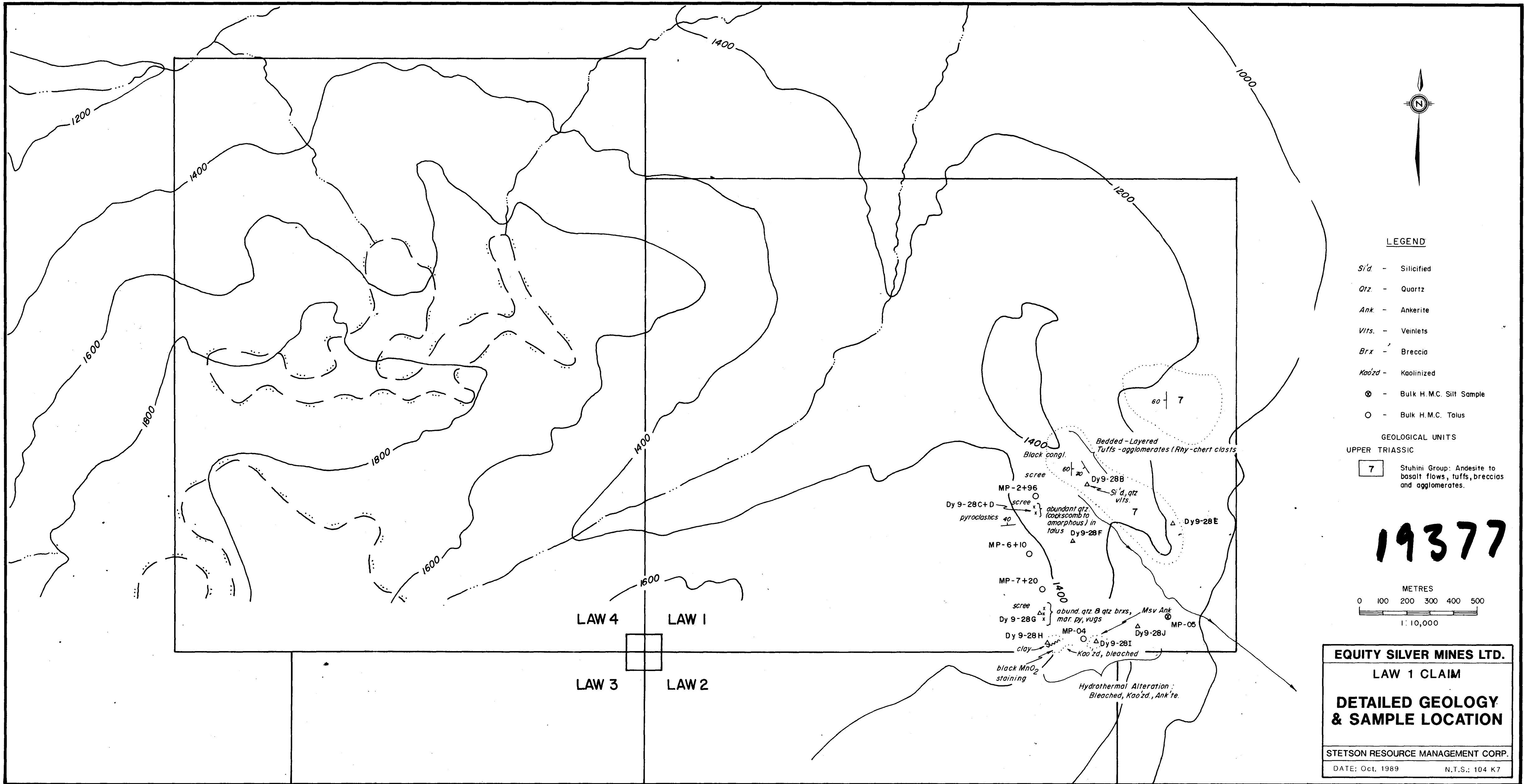


LEGEND ~

- UPPER TRIASSIC**
STUMINI GROUP
- 14 Pyroclastic and dacitic flow
 - 7a Porphyritic andesite flow
 - 7b Carbonitized andesite
 - - - Silicic alteration zone
 - Carbonate stockwork
 - - - Contact (known, assumed)
 - - - Fault
 - Δ Float sample

19377

EQUITY SILVER MINES LTD	
LAW CLAIM	
ATLIN M.P.	104K/7E
DETAILED GEOLOGY and SAMPLE LOCATION MAP	
Scale 1:10,000	
0 100 200 400 m	
Dated: November 1985	
Drawn by: _____ Fig. No. 2.1a	



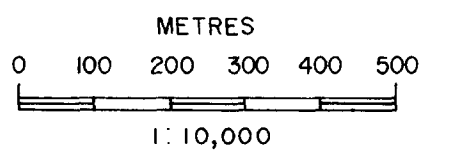
LEGEND

- Si'd* - Silicified
- Qtz* - Quartz
- Ank* - Ankerite
- Vlts.* - Veinlets
- Brx* - Breccia
- Kao'zd* - Kaolinized
- ⊗ - Bulk H.M.C. Silt Sample
- - Bulk H.M.C. Talus

GEOLOGICAL UNITS

- UPPER TRIASSIC
- 7 Stuhini Group: Andesite to basalt flows, tuffs, breccias and agglomerates.

19377



EQUITY SILVER MINES LTD.

LAW 1 CLAIM

DETAILED GEOLOGY & SAMPLE LOCATION

STETSON RESOURCE MANAGEMENT CORP.

DATE: Oct. 1989 N.T.S.: 104 K7

Fig. No. 2.1