GEOLOGICAL, GEOCHEMICAL REPORT ON THE PLUM PROPERTY ATLIN MINING DIVISION BRITISH COLUMBIA

NTS 104K/8W

58°22'N, 132°29'E

FOR

EQUITY SILVER MINES LIMITED
#13-1155 Melville Street
Vancouver, British Columbia
V6E 4C4

W.J. DYNES

November 20, 1989

19375

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST

AUTHOR(S) B. DYKES SIGNATURE(S) B. Dykes

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED ..... YEAR OF WORK ....

PROPERTY NAME(S) PLUM

COMMODITIES PRESENT AU., AG

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

MINING DIVISION ATLIN NTS

LATITUDE 58° 22' N LONGITUDE 132° 29' 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)]:

PLUM 1 (20 UNITS)., PLUM 2 (20 UNITS)., PLUM 3 (20 UNITS)
PLUM 4 (20 UNITS)

OWNER(S)

(1) EQUITY SILVER MINES LTD. (2)
#13-1155 MELVILLE ST.

MAILING ADDRESS

#13-1155 MELVILLE ST.
VANCOUVER, B.C. V6E 4C4

OPERATOR(S) (that is, Company paying for the work)

(1) (2)
AS ABOVE

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

PRE-UPPER TRIASSIC SEDIMENTS AND TUFF ARE INTRUDED BY SLOKO DACITE TO RHYOLITE DYKES. PERMIAN LIMESTONE IS EXPOSED ALONG A NNW FAULT SYSTEM. QUARTZ VEINS AND SILICIFIED ZONES ARE MINERALIZED WITH ARSENOPYRITE AND TETRAHEDRITE WITH AU VALUES TO 3000 ppb ACROSS 1.5 METRES.

REFERENCES TO PREVIOUS WORK THICKE (1984). ASS. RPT. 11,819., SOUTHER (1960) MAP 1262A., GSC OPEN FILE 1647

(over)

TABLE OF CONTENTS

		PAGE
1.0	INTRODUCTION	1
	1.1 Location and Access	1
	1.2 Physiography, Vegetation and Climate	1
	1.3 Property	2
	1.4 History	2
	1.5 1989 Exploration Program	2
	1.5.1 Geological Survey	2
	1.5.2 Geochemical Surveys	3
2.0	GEOLOGICAL SURVEY	
	2.1 Regional Geology	3
	2.2 Property Geology	3
3.0	GEOCHEMICAL SURVEYS	
	3.1 Introduction	4
	3.2 Talus/Stream Sediment Sampling	4
	3.2.1 Analytical Techniques	4
	3.2.2 Analytical Results	5
4.0	CONCLUSIONS	5
COST STATEMENT		6
REFERENCES		8
STATEMENTS OF QUALIFICATIONS		9

APPENDICES

Appendix I - Rock Chip Assay Results
Appendix II - Bulk HMC Stream / Talus Results
Appendix III - Rock Sample Descriptions

TABLES

Table 1	Property Data	2
Table 2	Rock Sample Descriptions	Appendix III

LIST OF FIGURES

Figure 1.1:	Location Map (1:1,000,000)	Following 1
Figure 1.2:	Claim Map (1:50,000)	Following 2
Figure 1.3:	Regional Geology (1:250,000)	Following 3
Figure 2.1:	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 Plum 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 Plum property is situated in the Atlin mining division, approximately 120 kilometers west of Dease Lake. The claim covers 20 square kilometers centered at latitude 58°22'N longitude 132°29'W on mapsheet 104K/8W (Fig. 1.1).

Access to the property is via helicopter from Dease Lake or Atlin. A small airstrip is located at the west end of Tatsamenie Lake, which can accomodate small aircraft up to Cessna 206 in size. The airstrip is located 7 kilometers 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 White horse to Atlin.

1.2 Physiography, Vegetation and Climate

The Plum property is located in the Chechidla range of the Coast Mountains. 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 stands of scrub fir and Engelmmann spruce. Elevations, range from 1400 meters along the main property drainage to 2200 meters on the central property ridges.

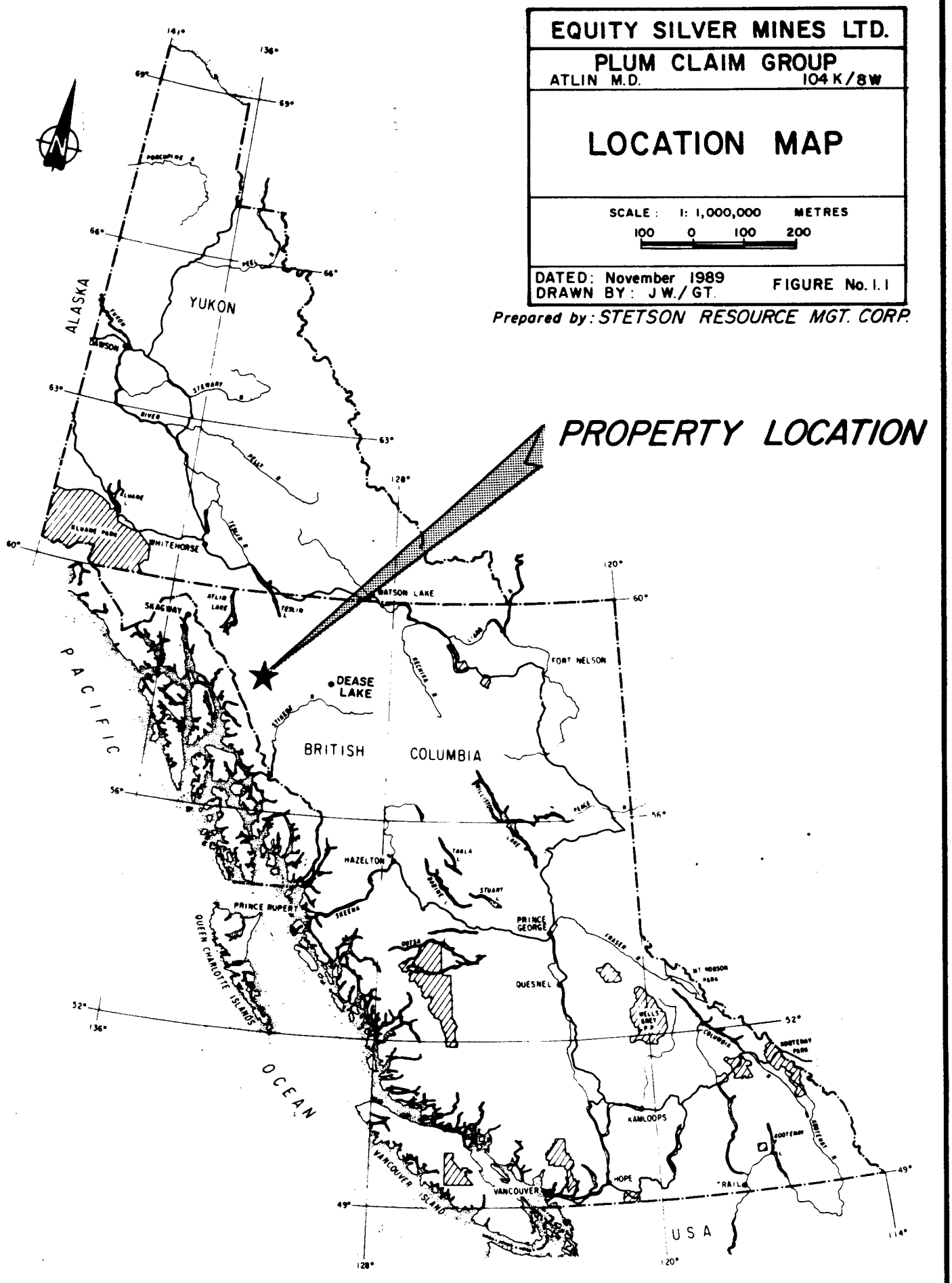

EQUITY SILVER MINES LTD.
PLUM CLAIM GROUP
ATLIN M.D. 104 K/8W
LOCATION MAP
SCALE: 1: 1,000,000 METRES
100 0 100 200
DATED: November 1989
DRAWN BY: J.W./G.T.
FIGURE No. 1.1
Prepared by: STETSON RESOURCE MGT. CORP.
PROPERTY LOCATION
ALASKA
YUKON
PACIFIC
OCEAN
BRITISH COLUMBIA
USA
WHITEHORSE
WATSON LAKE
DEASE LAKE
FORT NELSON
HAZELTON
PRINCE RUPERT
PRINCE GEORGE
QUESNEL
KAMLOOPS
VANCOUVER
HOPE
TRAIL
QUEEN CHARLOTTE ISLANDS
VANCOUVER ISLAND

Fig. No. 1.1

1.3 Property

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

TABLE 1

Claim	Units	Record No.	Expiry Date
Plum 1	20	3392	August 24, 1990
Plum 2	20	3393	August 24, 1990
Plum 3	20	3394	August 24, 1990
Plum 4	20	3395	August 24, 1990

1.4 History

The area now covered by the Plum 1 claim was previously covered by the Rod Claim, where Chevron did reconnaissance work in 1983. This consisted of rock and soil sampling and geological mapping. Although further work was recommended, the claims were allowed to lapse. The surrounding area covered by the Plum 3-4 mineral claims is unexplored.

In 1987, the B.C. Department of Mines' Regional Geochemical Survey in the area returned a stream sediment containing 494 ppb gold, the second highest in the survey. This sample was taken from the main drainage of the claims. These results were released July 29, 1988 and precipitated a staking rush to cover the source of the anomalous sample.

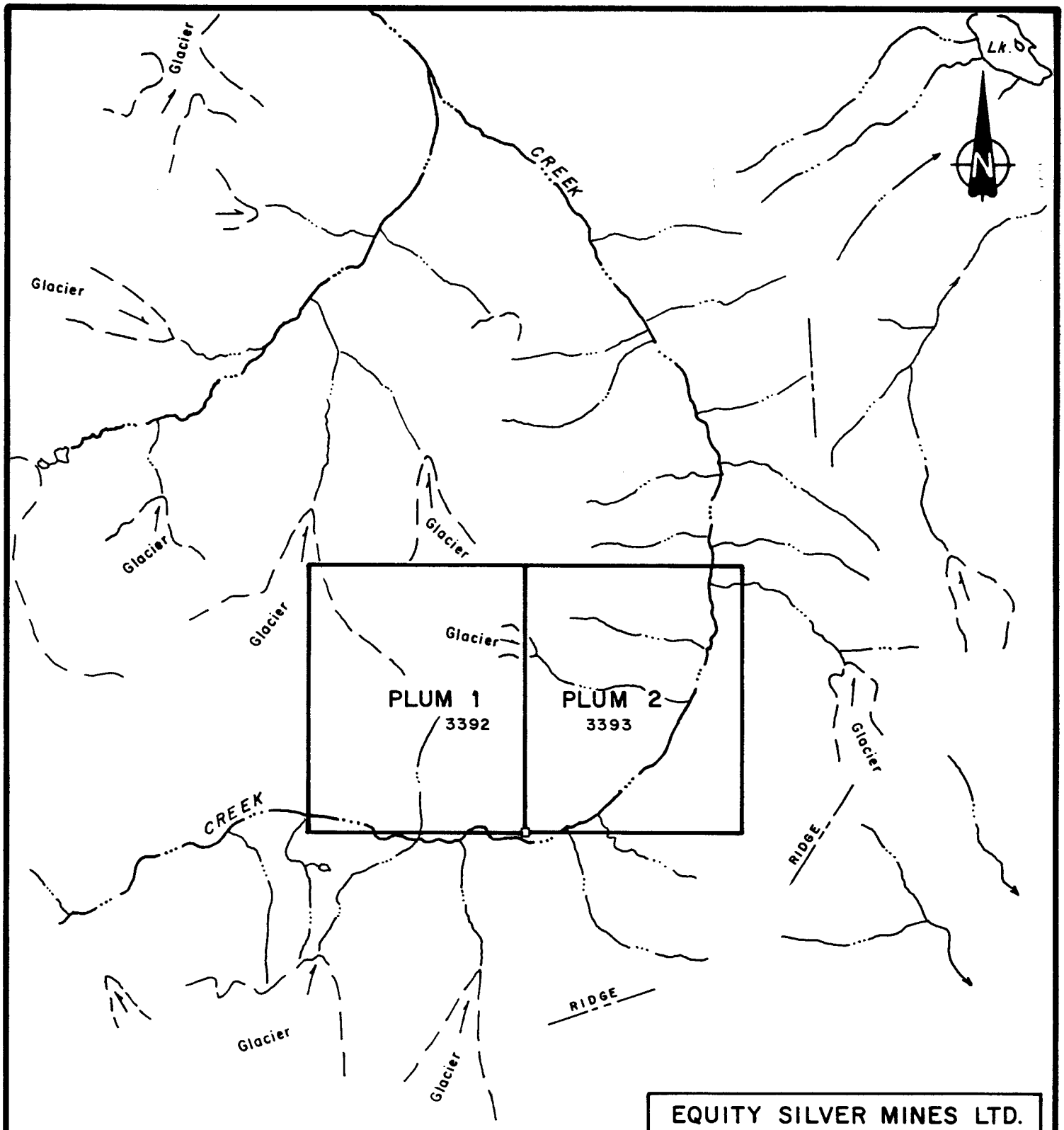
1.5 1989 EXPLORATION PROGRAM

In 1989, an exploration program was undertaken by a geological field crew of 4 men employed by Stetson Resource Management Corp., under the direction of the writer. Geological and geochemical surveys were carried out August 4th, 5th, and 6th of 1989.

1.5.1 Geological Survey

The property was mapped by B. Dynes at a scale of 1:10,000. Geological area 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.



EQUITY SILVER MINES LTD.	
PLUM CLAIM GROUP	
ATLIN M.D.	104 K/8W
CLAIM MAP	
SCALE 1:50,000 0 500 1000 2000 M.	
DATED: November 1989 DRAWN BY: JW / GT	FIGURE No. 1.2

Prepared by: STETSON RESOURCE MGT. CORP.

1.5.2. Geochemical Surveys

A total of 6 stream sediment, and 6 talus bulk heavy mineral concentrate samples were collected from major property drainages. The samples were analyzed for Au and 32 elements by neutron activation geochemical techniques.

2.0 GEOLOGICAL SURVEYS

2.1 Regional Geology

Souther (1972) shows a large part of the claims to be underlain by Pre-Upper Triassic sediments and tuffs. A window of older Permian limestone is exposed on the Plum 1 and 2 claim near a NNW striking fault that brings early Tertiary Sloko felsites in contact with the Pre-Upper Triassic sediments and tuffs. More detailed mapping by Chevron found Sloko dacite to rhyolite dykes intruding the older sediment unit. (Ass. Rpt. #11819).

Sloko volcanic flows and tuffs, located on the claim, and to the south and west, indicates the area was a volcanic center during early Tertiary time.

2.2 Property Geology

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

Locally, silicification and quartz veining are documented on the Plum 1 claim. Two types of mineralization are described; quartz veins and silicified zones, and massive arsenopyrite - tetrahedrite with values to 3000 ppb Au across 1.5 metres. Other mineralization is described but locations are not clear.

Geological mapping carried out in 1989 is plotted on figure 2.1 at a scale of 1:10,000.

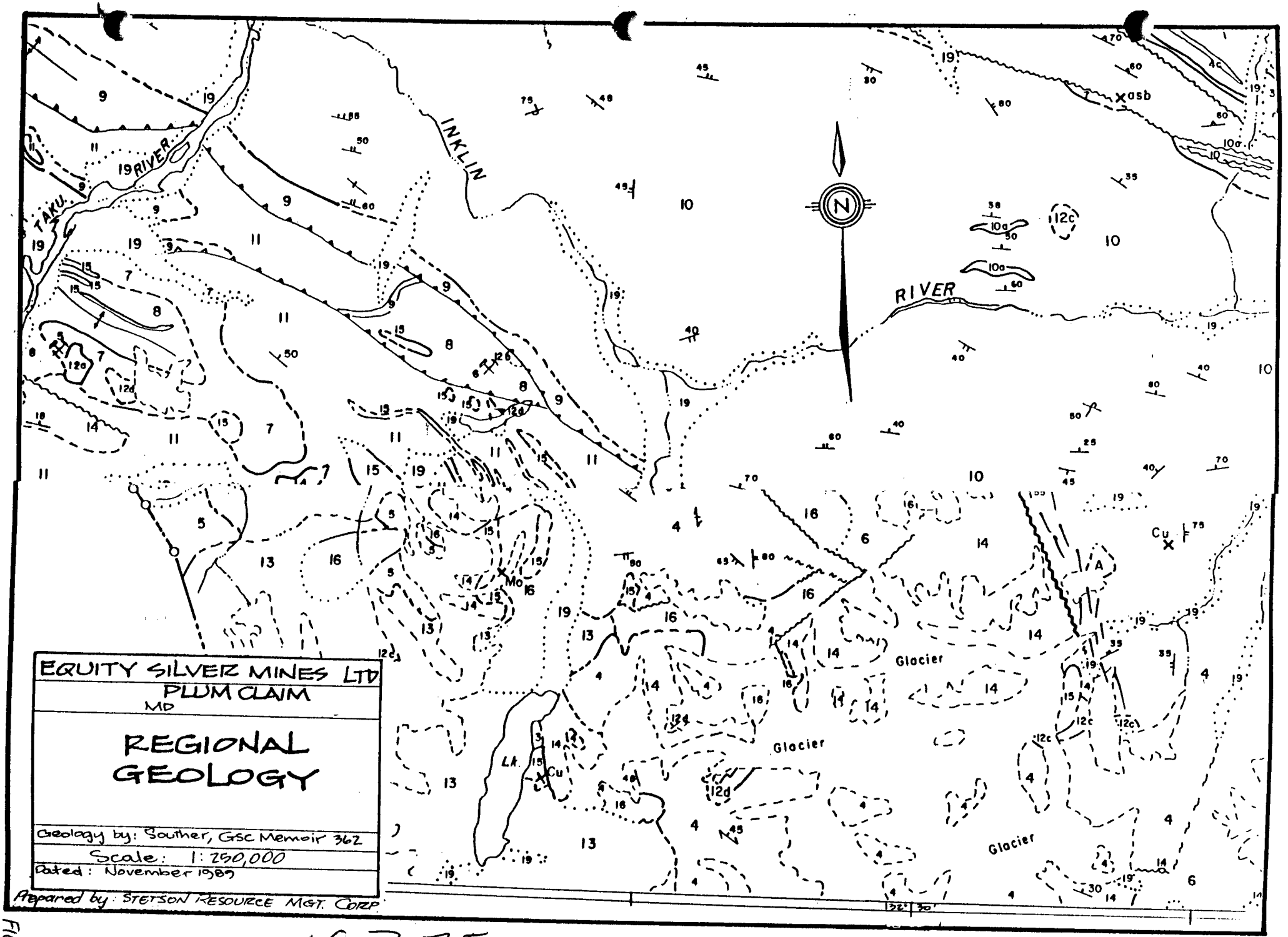

INKLIN
RIVER
TAKU
RIVER
N
Glacier
Glacier
Glacier
Cu
Mo
Cu
Lk.
EQUITY SILVER MINES LTD
PLUM CLAIM
MD
REGIONAL GEOLOGY
Geology by: Souther, GSC Memoir 362
Scale: 1:250,000
Dated: November 1989
Prepared by: STETSON RESOURCE MGT. CORP.

FIG 1.3

1975.

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

A traverse was made down a large drainage in the eastern part of the Plum property. Rocks encountered were volcanic in origin and varied from volcanic agglomerates to coarse pyroclastics to minor fine grained tuffs. The volcanics are visually andesitic in composition. Near the bottom of the slope a large north west trending felsic dyke exhibits a breccia along it's northeast contact. The breccia is believed to be hydrothermal in origin. Extensive bleaching and silicification of surrounding host rock substantiates this. The breccia consists of felsic (or altered andesite?) clasts suspended in a fine grained silicified matrix. A large piece of pyritized vuggy chalcedonic quartz float was found in the drainage.

3.0 GEOCHEMICAL SURVEYS

3.1 Introduction

Geochemical sampling was carried out to test the economic potential of the property. 6 bulk heavy mineral concentrate stream sediment samples were collected from major property drainages, and 6 bulk heavy mineral concentrate talus/soil samples were collected along contour lines on the north and south grids.

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

1. to verify anomalies delineated by a B-horizon soil sampling program on the north slope of the main property drainage.

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 Talus/Stream Sediment Heavy Mineral Concentrate (HMC) Sampling

3.2.1 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 60 gm concentrate. The concentrates were then analysed by neutron activation for 33 elements and gold.

3.2.2 Analytical Results

Bulk heavy mineral concentrate sampling yielded only a few results slightly anomalous in gold (to 1220 ppb). Antimony values are slightly but consistently anomalous (to 33 ppm). These results indicate that a long broad, Au-Sb anomaly does not project to the east in area covered by the present survey.

4.0 CONCLUSIONS AND RECOMMENDATIONS

A geochemical talus/soil survey indicates that a large gold and antimony anomaly located by Chevron in 1983 does not extend to the east. Further work should concentrate on the western anomaly and include prospecting, mapping, and sampling to delineate the source of the gold-antimony anomalies.

COST STATEMENT

Project Preparation

Printing		$ 16.80
Maps		$ 24.70
Drafting		$ 63.00
B. Dynes	1 day @ $225/ day	$ 225.00
		$ 329.50

Field Personnel

PROSPECTOR		
B. Dynes (Aug 5-6)	2 days @ $225/day	$ 450.00
FIELD TECHNICIANS		
R. Herzig (Aug 5-6)	2 days @ $175/day	$ 350.00
B. Granberg (Aug 5-6)	2 days @ $175/day	$ 350.00
S. Phillips (Aug 5-6)	2 days @ $175/day	$ 350.00
		$ 1,500.00

Support

Mobilization/Demobilization:		
Helicopter	2.3 hours @ $750/hr	$ 1,725.00
Camp:		
Room	5 mandays @ $25/manday	$ 125.00
Board	5 mandays @ $18/manday	$ 90.00
Gasoline		$ 18.00
Propane		$ 11.00
General Supplies		$ 21.50
Communication (BC Tel)		$ 8.80
Shipping		$ 145.80
		$ 2,145.10

Equipment Rental

Generator :	2 days @ $25/day	$ 50.00
Computor :	2 days @ $25/day	$ 50.00
Radios :	4X2 days @ $20/day	$ 80.00
Field Equipment :	2 days @ $15/day	$ 30.00
		$ 210.00

Assays

Rock	
29 ICP, Fire Assay Au, and Prep	
25 rocks @ $25/sample	$ 625.00
H.M.C. Talus/Soil	
30 NA, and Prep	
6 HMC Talus @ $100/sample	$ 600.00
H.M.C. Stream	
32 NA, and Prep	
6 HMC Stream @ $100/sample	$ 600.00
	$ 1,825.00

Report Writing

Geologist 2 days @ $250/day	$ 500.00
Draftsman 2 days @ $200/day	$ 400.00
Supplies	$ 92.60
Typing, Copying	$ 75.00
	$ 1,067.60
Subtotal	$ 7,077.20
12% Administrative Overhead	$ 849.26
TOTAL	**$ 7,926.46**

REFERENCES

Thicke:
Chevron Resources Ltd., B.C.D.M Assess. Report #11,819.

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 Management Corp. Field Supervisor for exploration programs involving 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 exploration 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, geochemistry, 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
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : STETSON RESOURCE MANAGEMENT CORP.

13 - 1155 MELVILLE ST.
VANCOUVER, BC
V6E 4C4

Project : NONE GIVEN
Comments:

Plum?

* Page No. : 1-A
Tot. Pages: 1
Date : 20-NOV-89
Invoice # : I-8930281
P.O. # :

CERTIFICATE OF ANALYSIS A8930281

SAMPLE DESCRIPTION	PREP CODE		Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
DY10-2K	255	238	< 5	0.28	0.4	10	20	< 0.5	< 2	0.04	< 0.5	< 1	29	< 1	0.60	< 10	1	0.27	20	0.01	20
DY10-2M	255	238	45	0.21	4.2	335	20	< 0.5	< 2	0.05	< 0.5	2	215	26	1.75	< 10	< 1	0.08	< 10	0.02	55
DY10-2I	255	238	25	0.54	1.0	635	100	< 0.5	< 2	0.05	< 0.5	28	258	37	5.44	< 10	< 1	0.03	< 10	0.26	250
DY10-2O	255	238	< 5	1.68	< 0.2	405	50	< 0.5	< 2	0.24	< 0.5	22	54	39	4.56	< 10	< 1	0.16	< 10	0.37	300

CERTIFICATION : _____

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

STETSON RESOURCE MANAGEMENT CORP.

J3 - 1155 MELVILLE ST.
VANCOUVER, BC
V6E 4C4

Project : NONE GIVEN
Comments:

Page : 1-B
Tot. Pages: 1
Date : 20-NOV-89
Invoice # : I-8930281
P.O. # :

CERTIFICATE OF ANALYSIS A8930281

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	So ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
DY10-2K	255	238	2	< 0.01	< 1	90	10	< 5	< 1	9	< 0.01	< 10	< 10	< 1	< 10	< 2
DY10-2M	255	238	33	< 0.01	8	230	56	10	3	16	< 0.01	< 10	< 10	11	< 10	20
DY10-2I	255	238	13	< 0.01	195	440	12	5	7	16	< 0.01	< 10	< 10	60	< 10	52
DY10-2O	255	238	2	0.01	69	1030	8	5	5	101	< 0.01	< 10	< 10	55	< 10	82

CERTIFICATION : _____

APPENDIX II

Bulk HMC Stream / Talus Results

PLUM PROJECT

OREX Laboratories Ltd.
APPLIED MINERALOGY
656 - 510 W Hastings St, Vancouver B.C. Canada V6B 1L8
Telephone (604) 681 8999
Fax (604) 681 9775

SILT SEDIMENT DATA

	SAMPLE Nº	Weight (Kg)	GRAVITY CONCENTRATE Weight (g)	MINERALS	%	PARTICLE SIZE ANALYSIS FOR ..... Nº OF PARTICLES/ FLATTENING (In different size ranges – microns) ↓1600 ↓800 ↓400 ↓200 ↓100 ↓50 ↓25	OBSERVATIONS
6001	PLUM R02	6.50	A53.6 B55.9				
6002	PLUM R03	9.50	A50.8 B53.3				
6003	PLUM R06	12.85 13.10	A49.9 B49.3				SCREENED
6004	PLUM R04	11.55 9.55	A49.4 B54.2				SCREENED
6005	PLUM 05 BG	11.90 14.20	A51.3 B48.1				
6006	PLUM 06 BG	12.50 12.50	A46.3 B50.1				
6007	PLUM 04 BG	14.15 16.70	A47.8 B53.3				
6008	PLUM 01 BG	12.00 11.75	A49.8 B46.8				
6009	PLUM 03 BG	10.25 8.10	A47.6 B50.3				
6010	PLUM R-05	5.70 6.35	A40.5 B41.7				

OREX Laboratories Ltd.
APPLIED MINERALOGY
626 - 510 W. Hastings St., Vancouver, B.C. Canada V6B 1L8
Telephone: (604) 681 8999
Fax: (604) 681 8775

PLUM PROJECT

SILT SEDIMENT DATA

SAMPLE Nº	Weight (Kg)	GRAVITY CONCENTRATE: Weight (g)	MINERALS	%	PARTICLE SIZE ANALYSIS FOR ..... Nº OF PARTICLES/ FLATTENING (In different size ranges – microns) ↓1600 ↓800 ↓400 ↓200 ↓100 ↓50 ↓25	OBSERVATIONS
6011 PLUM BG-02 A.	10.50	A. 41.2				
B.	10.00	B. 45.1				
6012 PLUM G-01		A. 41.7				
		B. 45.2				

Activation Laboratories Ltd. Work Order: 1424 Report: 1421

Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %
6001A RO2	23	<5	170	<200	<5	2	39	1500	2	5.40	1	<5	<40	<20	7740	<200	<50	9.5	21	<20	<0.2
6001B	26	<5	170	<200	<5	2	39	1400	2	5.45	<1	<5	<40	<20	7350	<200	<50	9.1	22	<20	<0.2
6002A RO3	20	<5	390	300	<5	<1	22	230	5	6.49	4	<5	<40	<20	5710	<200	54	25	12	<20	<0.2
6002B	27	<5	400	240	<5	<1	22	210	4	6.55	4	<5	<40	<20	5320	<200	<50	25	12	<20	<0.2
6003A RO6	1220	<5	200	540	<5	<1	73	960	3	8.91	3	<5	<40	<20	9020	<200	<50	11	17	<20	<0.2
6003B	720	<5	200	460	<5	<1	76	1000	2	9.23	2	<5	<40	<20	9020	<200	<50	10	16	<20	<0.2
6004A RO4	62	<5	160	<200	<5	2	57	33	3	7.99	2	<5	<40	<20	7030	<200	<50	18	11	<20	<0.2
6004B	182	<5	190	350	<5	2	69	43	3	9.39	2	<5	<40	<20	7250	<200	<50	20	12	<20	<0.2
6005A BG05	161	<5	280	370	<5	<1	28	270	4	9.52	3	<5	<40	26	4760	<200	<50	33	9.3	<20	<0.2
6005B	233	<5	260	340	<5	2	23	200	3	8.16	3	<5	<40	<20	5060	<200	<50	34	9.5	<20	<0.2
6006A	96	<5	140	350	<5	<1	42	130	3	6.50	3	<5	<40	<20	9030	<200	<50	11	14	<20	<0.2
6006B BG06	120	<5	140	380	<5	<1	43	130	3	6.33	3	<5	<40	<20	8770	<200	<50	11	14	<20	<0.2
6007A	113	<5	210	290	<5	1	30	83	3	8.40	2	<5	<40	<20	9660	<200	<50	21	15	<20	<0.2
6007B BG04	50	<5	210	320	<5	<1	34	78	4	9.28	2	<5	<40	<20	9250	<200	<50	18	15	<20	<0.2
6008A	107	<5	360	380	<5	<1	22	420	3	6.72	4	<5	<40	<20	8460	<200	58	13	6.9	<20	<0.2
6008B BG01	119	<5	360	570	<5	<1	21	560	4	7.00	4	<5	<40	<20	8160	<200	51	13	6.8	<20	<0.2
6009A	110	<5	510	440	<5	<1	23	80	3	5.72	4	<5	<40	<20	12000	<200	<50	27	9.3	<20	<0.2
6009B BG03	19	<5	530	440	<5	<1	20	110	4	5.41	4	<5	<40	<20	11300	<200	<50	27	9.2	<20	<0.2
6010A RO5	26	<5	230	<200	<5	<1	44	46	3	9.66	2	<5	<40	<20	10500	<200	<50	22	14	<20	<0.2
6010B	21	<5	230	200	<5	<1	41	46	3	9.55	3	<5	<40	<20	11400	<200	<50	23	15	<20	<0.2
6011A BG02	32	<5	470	500	<5	<1	16	52	3	4.76	3	<5	<40	<20	15100	<200	<50	23	9.5	<20	<0.2
6011B	42	<5	530	460	<5	<1	19	100	2	5.45	6	<5	<40	<20	14800	<200	62	26	9.7	<20	<0.2
6012A KO1	535	17	270	490	<5	1	29	820	5	8.95	7	<5	<40	<20	7910	<200	<50	12	10	<20	<0.2
6012B	177	<5	190	310	<5	<1	23	410	3	6.34	4	<5	<40	<20	6420	<200	<50	10	8.6	<20	<0.2

Plum.

Activation Laboratories Ltd. Work Order: 1424 Report: 1421

Sample description	TA PPM	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
6001A	<1	1.2	1.2	12	<200	7	9	<10	1.2	0.3	<2	0.8	0.05	53.60
6001B	<1	1.1	<0.5	4	<200	6	11	10	1.2	0.4	<2	1.0	0.06	55.90
6002A	<1	4.5	2.1	4	<200	17	23	<10	2.4	0.5	<2	1.9	0.42	52.80
6002B	<1	4.6	1.9	4	<200	16	21	13	2.5	0.7	<2	1.9	0.34	43.30
6003A	<1	1.3	0.7	<4	<200	7	10	<10	1.5	0.4	<2	1.2	0.15	49.90
6003B	<1	1.8	0.9	<4	<200	7	12	<10	1.5	0.5	<2	1.3	0.16	49.30
6004A	<1	1.1	0.9	<4	<200	6	8	<10	1.4	0.5	<2	1.1	0.10	49.40
6004B	<1	0.9	<0.5	<4	<200	6	11	14	1.5	0.5	<2	1.2	0.11	54.20
6005A	<1	2.4	0.9	19	<200	10	19	<10	1.7	0.4	<2	1.4	0.15	51.30
6005B	<1	3.1	<0.5	17	<200	10	19	<10	1.8	0.6	<2	1.5	0.13	42.10
6006A	<1	1.3	1.1	<4	<200	8	12	<10	1.9	0.7	<2	1.7	0.17	46.30
6006B	<1	1.5	<0.5	<4	<200	8	16	11	1.9	0.6	<2	1.3	0.18	50.10
6007A	<1	1.3	1.4	<4	<200	8	13	<10	1.7	0.7	<2	1.3	0.15	47.80
6007B	<1	1.0	<0.5	<4	<200	7	12	<10	1.6	0.6	<2	1.3	0.14	53.30
6008A	<1	6.2	2.0	65	<200	21	26	17	2.1	0.5	<2	1.5	0.14	49.80
6008B	<1	6.3	2.5	100	<200	21	27	16	2.2	0.6	<2	1.4	0.23	46.80
6009A	<1	6.1	2.4	9	<200	21	27	11	2.2	0.5	<2	1.5	0.24	47.60
6009B	<1	6.2	2.3	<4	<200	21	24	13	2.3	0.5	<2	1.4	0.20	50.30
6010A	<1	1.7	0.9	<4	<200	9	14	14	2.0	0.6	<2	1.5	0.10	40.50
6010B	<1	2.1	1.3	<4	<200	10	15	<10	2.2	<0.2	<2	1.7	0.28	44.70
6011A	<1	7.3	2.3	<4	<200	24	29	11	2.6	0.7	<2	1.8	0.32	44.20
6011B	<1	7.7	2.9	<4	<200	26	31	14	2.5	<0.2	<2	2.0	0.30	51.10
6012A	<1	9.3	3.3	150	<200	31	41	<10	3.0	0.9	<2	2.2	0.27	41.70
6012B	<1	7.1	2.8	54	<200	26	30	19	2.4	0.5	<2	1.4	0.17	45.20

APPENDIX III

Rock Sample Descriptions

ROCK SAMPLE DESCRIPTIONS

TABLE III

SAMPLE #	ATTITUDE	WIDTH	FIGURE	DESCRIPTION
DY10-2I	SUBCROP	SELECT	2.1	Dark grey silicified volcanics, very pyritic.
DY10-25		SELECT	2.1	Rusty dacitic volcanics with faint parting fabric.
DY10-2K		SELECT	2.1	Altered pyroclastics with some replacement of reuct clasts by fuchsite.
DY10-2L	130 degree	SELECT	2.1	Pyritic Breccia, Silicic (Rhyolite?)
DY10-2M		FLOATF	2.1	Coarse Crystaline to Amorphous quartz, finely divided Sulphids, Drusty to Botriodal in Vugs.
DY10-20		SELECT	2.1	Massive volcanics, rusty Pyritic zones Chevron Trench?

PLUM 1

PLUM 2

Agglomerate
Dy 10-2I
Rhy. scree
Pyroclastics
Dacite
Dy 10-2J
ves. Rhy.-Dacite
Locgl Ank't Alteration
MNR Fuchsite
Dy 10-2K
Dy10-2L
Brx Zone Bleached Sl'd.
Dy10-2M Qtz. Float
DY10-20

R01 536 ppb Au / 177 ppb Au
R02 < 23 ppb Au / 26 ppb Au
R03 20 ppb Au / 27 ppb Au
BG01 107 ppb Au / 119 ppb Au
BG02 32 ppb Au / 42 ppb Au
BG03 110 ppb Au / 19 ppb Au
BG04 113 ppb Au / 50 ppb Au
R04 62 ppb Au / 182 ppb Au
R05 26 ppb Au / 21 ppb Au
BG05 < 161 ppb Au / 235 ppb Au
R06 < 1220 ppb Au / 720 ppb Au
BG06 < 96 ppb Au / 120 ppb Au

SH01
SH02
SH03
SH04
SH05

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Sb ppm
DY 10.21	25	1.0	635	100	5
10.2K	<5	0.4	10	20	<1
10.2M	45	4.2	335	20	10
10.20	<5	<0.2	405	50	5

1800
1600
2000
1400
2200

LEGEND

Ves. – Vesicular
Rhy. – Rhyolite
Ank – Ankeritic
△ – Rock Sample – Hand Specimen Location
⊗ – Bulk H.M.C. Silt Sample
○ – Bulk H.M.C. Talus Sample
< 1220 ppb Au / 720 ppb Au – Split Sample

19375

METRES
0 100 200 300 400 500
1: 10,000

EQUITY SILVER MINES LTD.

PLUM CLAIMS

DETAILED GEOLOGY & SAMPLE LOCATION

STETSON RESOURCE MANAGEMENT CORP.

DATE: Oct. 1989 N.T.S.: 104 K8

Figure: 2.1