

LOG NO:	09-20	RD.
ACTION:		
FILE NO:		

1990 PROSPECTING REPORT

on the

SCUD NORTH PROPERTY

GRAN 9, GRAN 10, and CANYON 17 Claims

Liard Mining Division

NTS: 104G/6

Lat: 57° 17' N

Long: 131° 18' W

For: Equity Silver Mines Ltd.
Suite 13 - 1155 Melville Street
Vancouver, B.C.

By: Canamera Geological Ltd.
Suite 14 - 1155 Melville Street
Vancouver, B.C.

V6E 4C4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,283

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VANCOUVER, B.C.

September 11, 1990

James Wetherill, B.A.Sc.

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SUMMARY

The Scud North property is located in the Stikine region of British Columbia. The property consists of three claims (GRAN 9, GRAN 10, CANYON 17) totalling 56 units and is owned by Equity Silver Mines Limited.

Work on the property was carried out on and June 12, 1989 and involved prospecting as well as the collection of 35 rock samples, 3 silt samples and 4 heavy mineral samples.

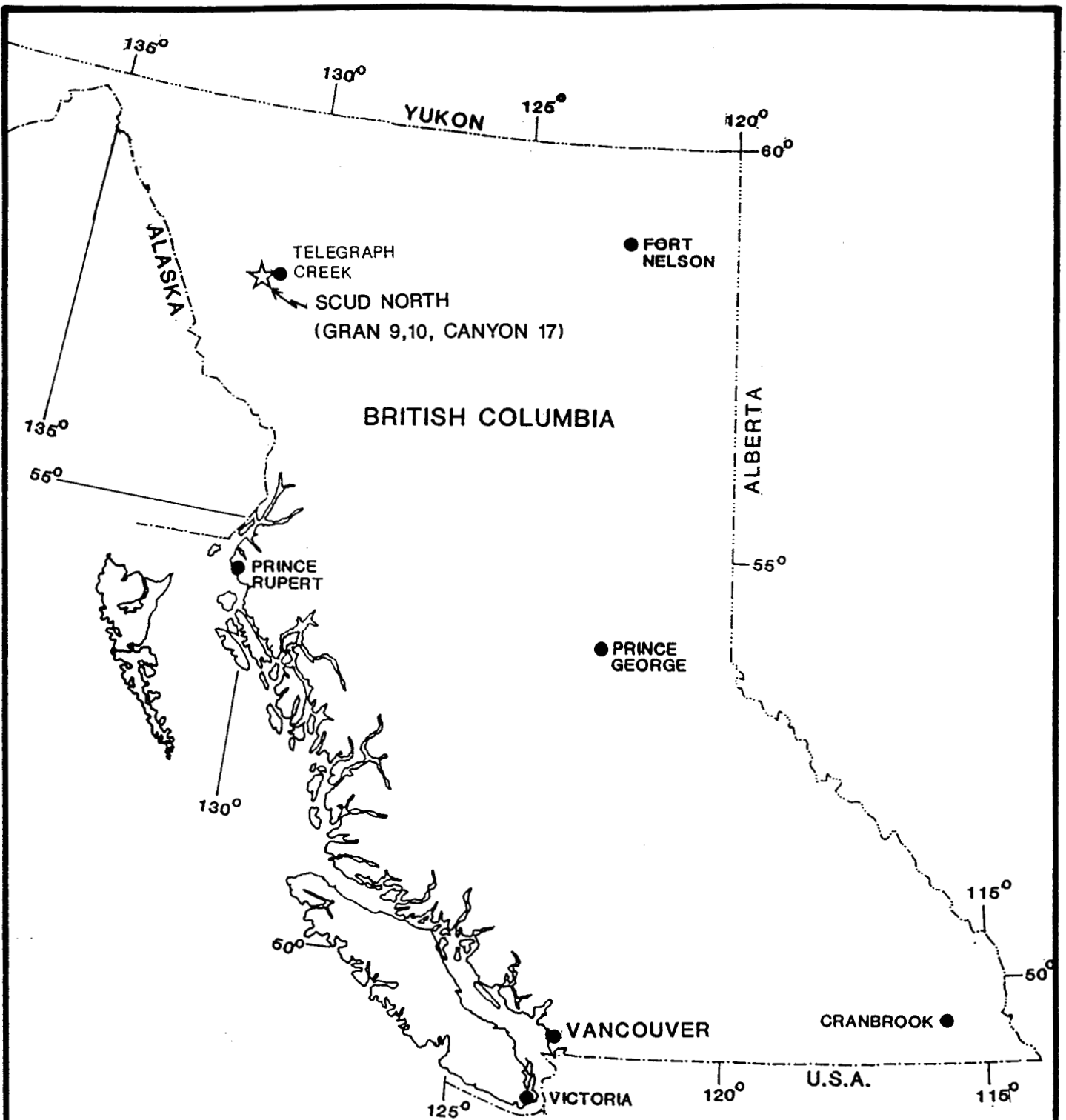
The geology of the claim group is well summarized on the 1:50,000 scale geology map by Brown and Gunning (BCDM Open File 1989-7) and was found to be accurate. Prospecting and sampling was confined to major drainages of the property.

Based on the results of this work program, no further work is recommended on the Scud North claim group.

1.0 INTRODUCTION

1.1 Location and Access

The Scud North property is located in the Stikine region of northwestern British Columbia approximately 70km south-southwest of the village of Telegraph Creek (Figure



EQUITY SILVER MINES LTD.			
GRAND CANYON PROJECT, B.C.			
SCUD NORTH			
(GRAN 9,10, CANYON 17)			
LOCATION MAP			
<i>Drawn</i>	<i>Date</i>	<i>N.T.S.</i>	<i>Figure</i>
	Aug.'90	104 G	1
<i>Canamera Geological Ltd.</i>			

1.1). The claims are centred at 57° 17' N latitude and 131° 19' W longitude on NTS map sheet 104G/6.

Access to the property is via helicopter from Telegraph Creek, which is connected to Dease Lake by an all weather road and serviced by fixed-wing flights from Smithers B.C. The Stikine River provides navigable water access from Wrangell, Alaska north to Telegraph Creek.

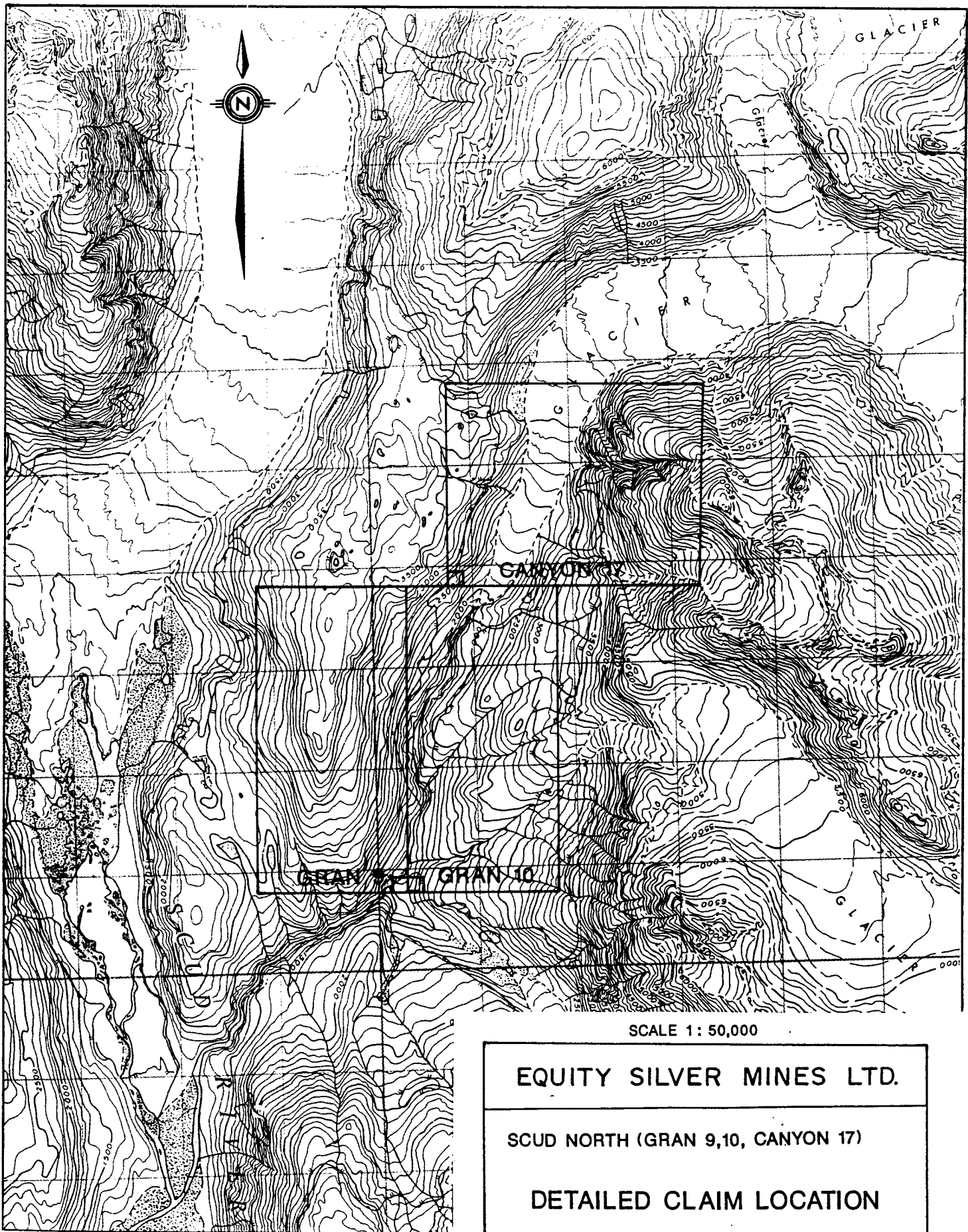
1.2 Claim Status

The Scud North Group consists of three claims totalling 56 units. The claims were recorded on June 14, 1988 and are owned by Equity Silver Mines Limited. Assuming acceptance of this assessment work, claim data will be as follows:

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD#</u>	<u>RECORDING DATE</u>	<u>EXPIRY DATE</u>
GRAN 9	18	4666	June 14, 1988	June 14, 1991
GRAN 10	18	4667	June 14, 1988	June 14, 1991
CANYON 17	20	4673	June 14, 1988	June 14, 1991

1.3 Physiography

The Scud North property is characterized by extremely rugged topography and is partially covered by glaciers. A deep, narrow canyon bisects the property. On the CANYON 17 claim, central area is covered by a glacier and the western portion



SCALE 1: 50,000

EQUITY SILVER MINES LTD.

SCUD NORTH (GRAN 9,10, CANYON 17)

DETAILED CLAIM LOCATION

Drawn DY	Date Aug.'90	N.T.S. 104 G/3,6	Figure 2
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Canamera Geological Ltd.

is inaccessible. A long, level ridge with very steep slopes runs down the middle of GRAN 9. The ridge was snow covered during the program. GRAN 10 is largely inaccessible due to large cliffs. Elevations on the property vary from 390m to 1700m, and vegetation, where present, is mainly slide alder with some spruce and basalm forest.

1.4 Exploration History

Previous work was recorded by Homestake on the Scud North property during 1989. A reconnaissance exploration program was carried out which involved prospecting, mapping rock chip and stream sediment sampling. No significant mineralization was discovered during this program.

1.5 1990 Exploration

The 1990 exploration program carried out during June on the Scud North property involved prospecting, rock chip sampling, and stream sediment sampling. Wet drainages on the property were sampled by bulk heavy mineral techniques and dry drainages were sampled by regular silt sampling methods. Regular silt samples were also collected from wet drainages but several were discarded due to contamination during shipping.

Prospecting and rock chip sampling were concentrated along the unexplored drainages of the property, however, some follow up sampling was also carried out in areas of interest outlined by Homestake's 1989 exploration program.

The 1990 exploration program was carried out by a crew of four, comprising one geologist and three prospectors. A total of 35 rock, 4 heavy mineral, and 5 silt samples were collected. Two of these silt samples were destroyed during shipping.

2.0 REGIONAL GEOLOGY

The property lies on the boundary between the Coast and Intermontane tectonic belts. This area is underlain by rocks of the Stikine Terrane (Stikinia) consisting of Paleozoic schists, phyllites and greenstones of the Stikine Assemblage, Mid to Upper Triassic sedimentary and volcanic rocks of the Stuhini Group (Kerr, 1948), and Late Cretaceous to Tertiary continental volcanic arc assemblages of the Sloko Group (Logan and Koyangi, 1989).

Three stages of plutonism are recognized in the area. The Hickman Batholith is composed of Early to Middle Triassic quartz diorites and Middle Jurassic quartz monzonites. The third series of intrusive rocks are alkalic, generally



syenitic, rocks of Early Jurassic age. These Early Jurassic rocks are associated with mineralization in the area, including the Galore creek and Schaft Creek porphyry deposits.

These rocks have undergone multiple stages of deformation, forming a complex structural pattern which is complicated by large differences in the competence of the different units. North- and northwesterly-trending normal faults are dominant with narrow west-trending extensional fault zones post dating them (Souther, 1972).

The most economically important exploration targets are porphyry copper-gold-silver deposits and peripheral mesothermal and shear zone - hosted precious metal veins (Logan et al, 1989).

3.0 PROPERTY GEOLOGY

The Scud North property is underlain by light to medium grey limestone (calcarenite) of Permian age, Jurassic or older mafic moderately foliated metavolcanics, and quartz monzonitic to syenitic phases of the Middle to Late Triassic Hickman pluton.

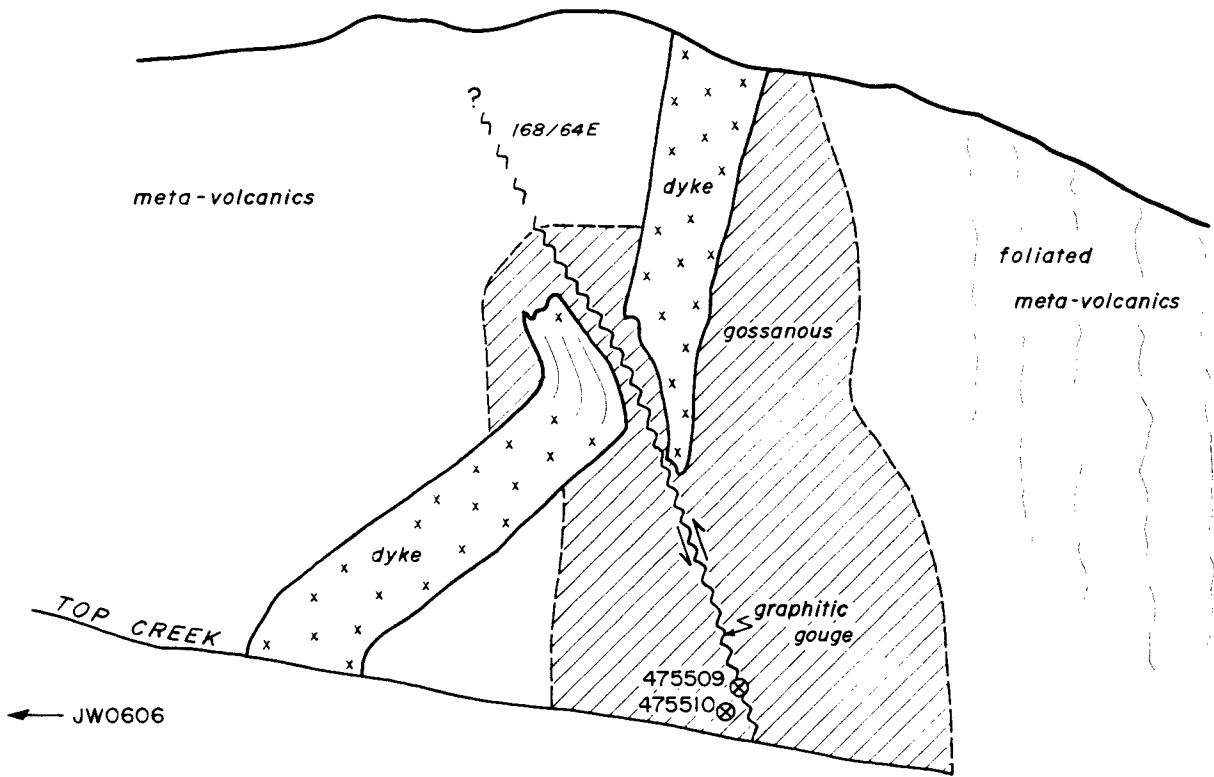
Permian limestones on the property are massive, weather light grey and are generally barren. A strong fault contact between the limestone and the quartz monzonite intrusive phase is traced by Straight Creek on the western portion of the Canyon 17 claim. A good contact between quartz monzonite and gossanous mafic metavolcanics was traced to the north of Straight Creek.

The area of the Canyon 17 claim east of Scud Glacier is underlain predominantly by well foliated metavolcanics which are intruded by dykes and sills of a syenitic phase of the Hickman Pluton near the eastern boundary of the claim. A strong zone of bright orange iron-carbonate alteration and subparallel quartz dyke sets mark the contact area. The alteration zone contains fuchsitic bands and coarse pyrite disseminations.

The central portion of the Canyon 17 claim was prospected in some detail. A strong north trending silicification zone hosted by mafic metavolcanics was discovered in Top Creek, during the 1990 exploration program. The zone is well mineralized with 5 to 10 % pyrite and minor but continuous chalcopyrite disseminations. The zone can be traced for 100 metres to the north to a quartz-carbonate breccia zone mineralized with coarse pyrite, chalcopyrite and fine black sulphide disseminations.

VIEW ACROSS TOP CREEK LOOKING SOUTH

← SE



LEGEND

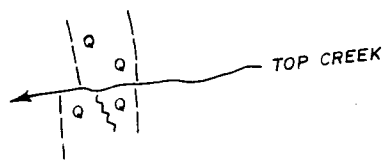
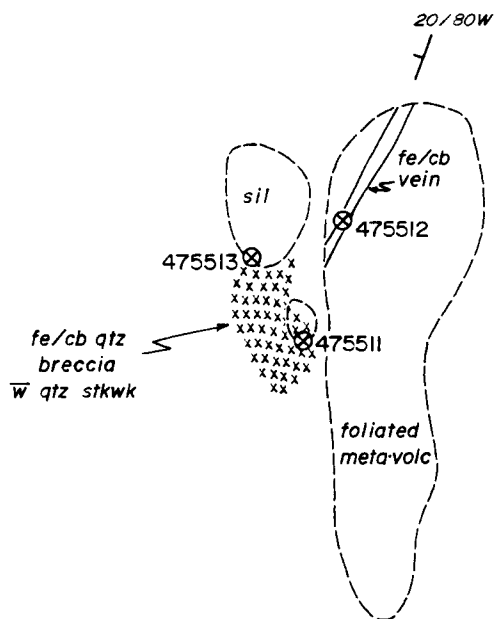
- ⊗ rock sample
- - - geological contact
- ~~~~~ fault



EQUITY SILVER MINES LTD.
 SCUD NORTH PROJECT
 LIARD M.D., B.C.

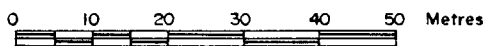
*Top Creek
 Cross Section Sketch*

Scale 1: 200	Date June 1990	N.T.S. 104 G / 6
By Canamera Geological Ltd. (JW)		Figure A



LEGEND

- ⊗ rock sample
- geological contact
- xxxxx Fe/Cb alteration
- (q) silicified zone
- ~~~~~ fault
- Y bedding



EQUITY SILVER MINES LTD.		
SCUD NORTH PROJECT		
LIARD M.D., B.C.		
<i>Top Creek Breccia Zone</i>		
Scale 1:1000	Date June 1990	N.T.S. 104 G/6
By <i>Canamera Geological Ltd. (JW)</i>		Figure B

A fault contact between mafic volcanics and the Permian limestone was prospected up Fault Creek on the Gran 10 claim. The fault trace was determined to be roughly 18 degrees. No visible mineralization was found along the zone.

The intrusive - limestone fault contact is marked along Straight Creek by intense ankeritic alteration with fuchsite and weak silicification and quartz veining. The limestone is commonly cut by small vuggy quartz veinlets, highly weathered moderately pyritic and stained with malachite.

4.0 GEOCHEMISTRY

Three types of geochemical samples (heavy mineral, rock and silt) were collected during the work program. Sample locations and results are plotted on Figure 4.

4.1 Analytical Methods

Thirty-five rock samples were collected from the property and shipped to Loring Laboratories Ltd. Thirty element ICP and gold by fire assay was done on each sample, and sample locations were marked in the field by pink flagging tape.

Five silt samples were collected placed in kraft paper bags and air dried. They were then shipped to International Plasma Laboratories Ltd. where 30 element ICP and gold by fire assay was done on three samples. As with other samples, locations were marked in the field with pink flagging tape.

Four heavy mineral samples were taken from the major drainages on the property. Stream sediment was sieved through a 20 mesh screen and collected in large plastic sample bags. A standard sample weight of 8kg was used. The heavy mineral concentrates were then shipped to International Plasma Labs. Ltd. of Vancouver B.C. for analysis by 30-element ICP and gold by fire assay.

4.2 Results

Thirty-five rock samples were collected from the Scud North property. Gold values from all samples collected were generally low, or below detection limits.

Sample 475510 from the Top Creek silicified zone returned 15 ppb Au, 5 ppm Ag and 4493 ppm Cu. Sample 475514 from the Top creek quartz-carbonate breccia, returned no Au, 9.8 ppm Ag and 4486 ppm Cu. Sample 475571, select sample from vuggy quartz veinlets along Straight Creek returned 5 ppb Au, 1.1

ppm Ag, 37 ppm Sb and 16,364 ppm Cu.

A select sample from the top of Top creek (#475504) was collected from the quartz dyke sets and returned 25 ppb Au. None of the heavy mineral or silt samples returned significant results.

5.0 CONCLUSIONS

The geology underlying the Gran 9, 10 and Canyon 17 claims consists of Permian limestone, quartz monzonitic, syenitic and hornblende gabbroic phases of the Hickman Pluton of Middle to Late Jurassic age, and Triassic or Older well foliated mafic metavolcanics.

Both 1989 and 1990 exploration surveys indicate the property shows little potential for hosting significant precious metal mineralization.

6.0 REFERENCES

Brown, D.A. and Gunning, M. (1989): "Geology of the Stikine River Area, Northwestern B.C.", B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Field Work, 1988, Paper 1989-1, pp. 251-267.

Holbek, P.M. (1988): "Geology and Mineralization of the Stikine Assemblage, Mess Creek Area, Northwestern British Columbia.", University of British Columbia MSc thesis.

Kerr, F.A. (1948): "Lower Stikine and Western Iskut River Areas, B.C.", GSC Memoir 246.

Logan, J.M. and Koyanagi, V.M. (1989): "Geology and Mineral Deposits of the Galore Creek Area, Northwestern B.C.", B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Field Work, 1988, Paper 1989-1, pp.269-284.

Souther, J.G. (1972): "Telegraph Creek Map Area, B.C.", GSC Paper 71-44.

Carmichael, R.G. and Marud D.E. (1989): "1989 Prospecting Report on the Scud North Property, Gran 9, Gran 10 and Canyon 17 Claims", Homestake Mineral Development Company, June 30, 1989.

7.0 STATEMENT OF COSTS

Personnel:

Engineer in Training 1 day @ \$275/day	\$ 275.00
2 GeoTech. 1st Class 1 day @ \$250/day	\$ 500.00
Geotech. 2nd Class 1 day @ \$225/day	\$ 225.00
Cook 1 day @ \$250/day	\$ 250.00

	\$1,250.00

Analytical:

35 rocks @ \$13/sample	\$ 455.00
3 silts @ \$11/sample	\$ 33.00
soils @ \$11/sample	\$
4 HMC's @ \$125/sample	\$ 500.00

	\$ 988.00

Support:

Helicopter 3.5hrs @ \$635	\$2,222.50
Fuel	\$ 285.25
Room & Board @ \$40/manday	\$ 160.00
Communicaton	\$ 35.65

Support con't:

Freight	\$ 19.90
Mob-Demob	\$ 500.00

	\$3,223.90

Equipment Rental:

Computer 1 day @ \$25/day	\$ 25.00
Trucks 1 day @ \$70/day	\$ 70.00
2 Walkie - Talkies 1 day @ \$25/each	\$ 50.00
Field Gear \$15/manday	\$ 60.00

	\$ 205.00

Report Preparation:

Includes typing, drafting and binding	\$ 500.00
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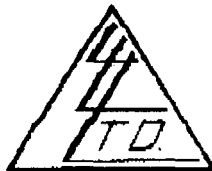
Subtotal	\$6166.305
10% Admin.Overhead	\$ 924.94

Grand Total	\$7091.248

APPENDIX I
Analytical Results

To: EQUITY SILVER MINES LIMITED,
Ste. 13, 1155 Melville Street,
Vancouver, B.C. V6E 4C4

ATTN: J. Wetherill



File No. 33462-SM

Date June 27, 1990

Samples Rock

Project: GRAN 9 + 10:

CANYON 17

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
AU

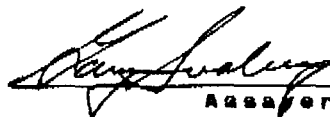
PPM
Ag

Geochemical Analysis

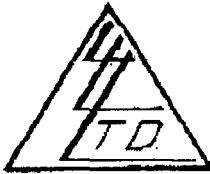
475501 H	20	NIL
475502 H	NIL	NIL
475503 H	5	NIL
475504 H	25	NIL
475505 H	NIL	NIL
475506 H	NIL	0.2
475507 H	NIL	0.2
475508 H	NIL	0.3
475509 H	NIL	0.1
475510 H	15	5.0
475511 H	NIL	NIL
475512 H	NIL	NIL
475513 H	NIL	NIL
475514 H	NIL	9.8
475561 H	NIL	NIL
475562 H	NIL	NIL
475563 H	NIL	NIL
475564 H	NIL	NIL
475565 H	NIL	NIL
475566 H	NIL	NIL
475567 H	NIL	NIL
475568 H	NIL	NIL
475569 H	NIL	NIL
475570 H	NIL	NIL
475571 H	5	1.1
475584 H	NIL	0.2
475585 H	NIL	0.1
475586 H	NIL	NIL
475587 H	NIL	0.2
475588 H	NIL	NIL

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Samples retained one month.
Unless specific arrangements
are made in advance.


Assayer

o: EQUITY SILVER MINES LIMITED,
te. 13, 1155 Melville Street,
ancouver, B.C. V6E 4C4
TT J. Wetherill



File No. 33462-SM
Date June 27, 1990
Samples Rock
Project: GRAN 9 + 10:
CANYON 17

Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB Au	PPM Ag
475589 H	NIL	0.1
475590 H	NIL	0.3
475591 H	NIL	0.3
475592 H	NIL	0.3
475593 H	NIL	0.3

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

repts retained one month.
pulp retained one month
unless specific arrangements
are made in advance.

Gary Swales
Assayer

Loring Laboratories Ltd. PROJECT 33462 File # 90-2106 Page 1
 829 Beaverdam Road N.E., Calgary AB T2K 4V7

SAMPLE#	Mo	Cu	Pb	Zn	Mg	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%
475501	1	56	2	42	1	495	40	705	4.56	17	5	ND	1	67	9	2	2	68	3.01	.011	2	489	10.66	65	.01	10	.42	.01	.01
475502	1	47	2	35	1	482	34	790	4.22	13	5	ND	1	180	1.4	2	2	66	7.94	.016	2	619	6.64	114	.01	6	.92	.01	.03
475503	1	72	2	40	1	573	32	830	4.46	18	5	ND	1	163	1.4	2	3	81	8.61	.021	2	531	5.67	70	.01	9	.90	.01	.03
475504	3	8	24	34	1	6	3	273	1.47	5	5	ND	10	17	1.8	2	3	15	.79	.019	20	107	.23	42	.01	10	.31	.05	.09
475505	1	248	2	79	2	21	22	1317	6.17	62	5	ND	1	78	.9	2	2	183	5.93	.087	2	56	1.62	44	.01	7	1.88	.02	.06
475506	22	199	13	187	15	42	11	377	4.36	11	5	ND	2	12	1.7	3	2	166	.28	.105	12	153	.87	45	.05	5	1.24	.07	.10
475507	4	297	8	52	14	42	6	399	1.48	32	5	ND	1	13	.2	2	2	18	.95	.025	7	210	.29	80	.01	7	.40	.01	.11
475508	6	329	6	372	13	25	3	474	1.27	118	5	ND	1	17	3.3	2	2	5	1.23	.022	3	221	.25	205	.01	8	.26	.01	.06
475509	25	154	7	59	15	46	17	744	3.63	117	6	ND	1	252	.2	5	2	69	3.36	.218	6	167	1.10	128	.01	28	.62	.02	.12
475510	37	4493	4	33	5.3	93	6	145	1.35	211	5	ND	1	4	.2	4	2	8	.17	.021	5	261	.06	96	.01	16	.22	.01	.07
475511	2	21	2	5	.2	16	7	461	1.31	23	5	ND	1	22	.2	2	5	5	2.06	.016	2	225	.53	41	.01	6	.14	.01	.06
475512	13	178	7	15	.4	51	16	295	1.87	81	5	ND	1	13	.2	2	2	17	1.58	.053	4	211	.37	52	.01	14	.23	.01	.09
475513	1	9	2	14	.3	47	11	1186	3.79	70	5	ND	2	71	.8	4	4	10	8.76	.029	4	86	2.75	32	.01	7	.30	.01	.13
475514	2	4486	2	84	10.1	29	3	2528	6.75	95	5	ND	1	159	2.8	10	6	6	12.17	.001	4	73	3.94	97	.01	4	.06	.01	.02
475515	17	84	6	52	1.3	33	10	74	3.00	13	5	ND	1	164	.7	2	2	49	2.14	.033	7	128	.88	63	.01	4	3.22	.28	.21
475516	12	311	5	65	.5	32	7	88	1.64	7	5	ND	2	445	.3	4	5	30	3.95	.051	11	115	.11	4	.20	12	3.74	.21	.05
475517	2	14	9	24	.4	16	3	92	1.07	8	5	ND	1	482	.3	4	2	26	4.26	.025	4	174	.03	13	.02	12	2.58	.06	.03
475518	3	16	8	15	.4	8	4	68	1.04	2	5	ND	1	94	.7	3	2	20	2.62	.041	6	163	.11	9	.13	14	1.50	.84	.03
475519	3	24	6	28	.6	17	4	209	1.68	4	5	ND	1	94	.3	2	2	19	5.98	.050	6	141	.04	15	.14	16	.53	.02	.02
475520	3	43	2	384	.6	112	18	819	5.29	14	5	ND	2	27	.6	2	2	32	.06	.016	7	99	1.13	34	.01	4	1.84	.04	.08
475521	2	34	2	75	.3	41	8	540	3.38	4	5	ND	2	174	.2	3	2	39	.81	.017	6	142	.72	48	.07	8	2.83	.16	.10
475522	5	13	2	30	.1	14	2	223	1.43	2	5	ND	1	39	.2	2	2	18	.28	.039	2	310	.11	14	.02	11	.48	.04	.03
475523	1	3	12	17	.1	1	1	245	.57	2	9	ND	25	16	.2	2	3	1	.58	.001	11	95	.01	8	.01	6	.43	.05	.08
475524	7	42	11	397	.8	126	16	267	4.45	4	5	ND	1	145	1.3	2	2	107	.84	.026	7	140	.80	51	.06	2	2.36	.14	.15
475525	2	14	9	90	.5	18	8	168	2.66	2	5	ND	1	11	.2	2	2	67	.24	.020	2	224	.65	124	.07	2	.91	.08	.34
475526	1	17	2	35	.1	158	19	809	4.55	8	5	ND	1	94	.2	2	2	32	15.91	.089	2	105	6.89	6	.01	2	.26	.01	.01
475527	1	48	2	22	.2	642	43	305	5.13	4	5	ND	1	58	.3	2	2	66	1.27	.025	2	443	11.48	141	.01	14	2.30	.01	.01
475528	1	19	2	19	.2	366	35	639	2.79	8	5	ND	1	146	1.3	2	2	27	12.42	.019	2	143	5.50	61	.01	3	.19	.01	.05
475529	1	33	4	17	.1	286	48	889	2.68	27	5	ND	1	102	.2	2	2	33	12.11	.021	2	143	5.50	18	.01	2	.23	.01	.05
475530	1	221	6	40	.2	454	33	918	3.80	9	5	ND	1	109	1.1	2	2	65	9.59	.028	2	446	6.89	294	.01	4	1.97	.01	.01
475531	29	205	5	93	.2	45	24	685	5.79	8	5	ND	1	89	2.1	2	2	143	2.66	.135	4	108	4.28	258	.10	9	3.91	.02	.04
475532	1	3	4	103	.2	9	14	933	5.94	2	6	ND	1	29	.2	2	2	45	.65	.043	2	35	.69	64	.08	6	1.27	.12	.04
475533	29	11	31	11	.5	7	1	89	.59	7	10	ND	1	2	.2	7	2	17	.02	.002	4	242	.02	56	.01	2	.15	.01	.05
475534	9	32	53	190	.1	24	4	1803	1.20	9	16	ND	1	8	1.1	2	2	6	.89	.016	7	268	.02	439	.01	11	.14	.03	.02
475535	7	105	6	78	.2	6	11	612	7.43	12	5	ND	1	3	.3	2	2	102	.87	.086	2	33	2.40	153	.01	12	2.58	.02	.12
STANDARD C	17	59	40	133	2.2	68	28	1022	4.01	68	17	6	37	48	18.7	15	19	56	.51	.091	35	56	.91	176	.02	35	1.92	.05	.13

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: Pulp

SAMPLE#	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	M
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	X	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	X	%	ppm	ppm	X	ppm	%	ppm	X	X	X	ppm
475551	1	5	9	118	3	14	5	225	1.78	8	5	ND	1	55	1.8	2	2	21	23.20	.044	15	12	.21	45	.01	2	.75	.81	.03	1
475552	1	18	19	59	1	1	1	429	.12	6	5	ND	1	27	1.7	4	2	2	30.10	.003	2	9	.08	57	.01	2	.02	.81	.01	1
475553	1	1	7	7	1	2	1	57	.11	2	5	ND	1	181	4	2	2	3	26.38	.002	2	43	2.09	1	.01	4	.03	.01	.01	1
475554	1	7	6	24	1	77	9	436	1.50	3	5	ND	1	157	8	2	2	33	9.69	.056	2	264	1.75	18	.09	3	1.24	.06	.05	1
475555	1	3	4	56	1	15	8	449	2.38	3	5	ND	1	36	2	2	2	20	4.36	.050	6	39	.18	56	.01	10	.64	.01	.08	1
475556	1	17	6	143	1	10	19	423	10.66	2	5	ND	2	14	7	2	2	106	.14	.006	2	16	1.19	19	.01	2	5.29	.06	.82	2
475557	1	7	7	55	1	2	6	932	2.81	3	5	ND	1	134	4	2	4	24	4.98	.107	4	84	.97	65	.09	18	1.92	.05	.85	1
475558	1	2	21	93	1	3	16	410	7.09	4	5	ND	1	25	1.2	2	2	79	3.89	.082	6	25	.83	37	.01	2	2.85	.05	.04	1
475559	2	42	12	97	1	5	13	238	8.59	2	6	ND	2	11	2	4	2	50	.03	.012	4	73	.59	14	.01	4	2.77	.07	.02	1
475560	1	7	2	62	2	6	4	937	6.10	12	5	ND	1	19	8	3	3	258	3.49	.051	4	83	3.12	7	.01	8	3.61	.01	.01	2
475561	1	40	2	26	1	6	3	484	1.25	16	5	ND	1	143	9	2	2	13	33.33	.009	8	12	.59	46	.01	8	.31	.01	.01	1
475562	1	70	7	42	1	450	32	842	3.09	4	5	ND	1	178	1.1	2	2	53	8.80	.031	4	955	5.65	11	.11	5	2.80	.01	.01	1
475563	1	186	8	26	1	141	18	375	2.67	12	5	ND	1	37	13	2	2	61	2.29	.085	3	294	3.01	181	.13	10	2.05	.30	.22	1
475564	1	8	3	25	1	8	9	1218	2.23	5	5	ND	1	291	14.2	2	2	15	20.23	.009	8	30	3.88	51	.01	9	.32	.01	.08	1
475565	1	151	6	58	1	7	19	625	4.94	16	5	ND	1	49	1.8	2	2	157	3.04	.077	2	28	1.47	46	.26	11	3.10	.18	.11	1
475566	1	36	8	100	2	70	35	1508	7.59	9	5	ND	1	80	2.1	2	2	158	3.67	.108	4	179	3.38	114	.01	9	2.53	.82	.10	1
475567	1	4	6	38	2	70	10	1595	5.22	21	5	ND	2	253	2.8	2	2	26	14.21	.028	2	111	5.47	34	.01	7	.16	.01	.06	2
475568	1	2	7	14	2	84	9	2490	6.85	14	5	ND	1	80	2.6	2	2	7	13.87	.011	2	37	4.48	26	.01	2	.08	.01	.03	1
475569	1	7	3	39	2	98	16	1213	3.46	16	5	ND	2	93	4	2	2	21	6.79	.038	3	182	2.60	48	.01	6	.24	.01	.10	1
475570	1	52	2	39	2	141	15	1471	4.34	75	5	ND	2	210	15.6	5	2	30	12.11	.027	2	118	5.06	41	.01	9	.18	.01	.07	1
475571	1	16364	3	13	1.2	31	1	1110	4.35	71	5	ND	1	81	1.5	37	5	2	7.87	.017	2	179	1.90	23	.01	2	.06	.01	.82	1
475572	3	73	9	277	16	143	16	473	4.18	2	5	ND	2	35	6	3	2	47	.15	.019	8	111	1.00	70	.14	14	1.82	.06	.28	1
475573	1	142	5	183	5	4	10	328	3.99	3	5	ND	3	141	1.3	3	2	86	3.85	.169	19	61	.82	84	.17	19	2.33	.10	.35	1
475574	2	40	9	13	4	36	16	83	4.96	2	5	ND	1	236	1.1	2	5	26	2.81	.041	3	89	.22	11	.26	4	3.30	.13	.07	1
475575	2	96	18	81	1	71	24	402	4.60	33	5	ND	1	378	8	2	2	144	2.21	.080	5	194	2.54	202	.24	10	5.17	.23	1.45	1
475576	2	141	9	14	5	73	26	87	4.05	5	5	ND	1	150	1.8	4	2	48	3.34	.158	4	99	.78	29	.32	6	3.99	.10	.12	1
475577	7	12	5	20	2	12	4	165	2.01	2	5	ND	6	59	1.2	3	2	44	.62	.057	3	30	.75	34	.07	4	1.58	.11	.56	1
475578	2	60	8	55	4	46	16	73	3.16	2	5	ND	1	132	1.5	2	2	31	2.12	.052	4	79	.62	26	.18	10	2.35	.24	.22	1
475579	1	4	16	18	3	1	3	566	1.36	2	5	ND	3	268	1.2	2	2	7	2.83	.038	11	77	.14	122	.02	8	.49	.07	.17	1
475580	3	17	7	102	13	28	5	152	3.95	2	5	ND	1	60	1.7	2	2	49	1.49	.023	2	144	1.68	159	.11	2	3.16	.21	.47	1
475581	1	12	13	68	1	17	5	154	2.06	2	5	ND	1	14	2	2	2	8	.26	.058	6	147	1.19	33	.01	7	1.50	.82	.09	1
475582	4	15	7	109	1	23	8	206	3.07	2	5	ND	1	9	2	2	2	10	.24	.025	3	135	1.86	33	.01	2	1.98	.02	.11	1
475583	1	15	9	50	2	7	5	202	1.86	2	5	ND	2	62	2	2	2	5	.63	.018	6	223	.07	86	.01	12	.29	.06	.11	1
475584	1	50	14	86	2	500	35	1463	5.95	11	5	ND	1	87	2.2	2	2	84	5.17	.042	3	761	8.17	25	.02	6	4.39	.01	.83	1
475585	1	145	2	31	2	343	37	224	4.28	2	5	ND	1	62	1.2	3	2	56	1.52	.094	3	617	2.46	35	.16	12	2.33	.16	.41	1
475586	1	83	3	34	1	414	28	348	2.51	2	5	ND	1	43	1.3	2	2	40	2.53	.075	2	574	2.81	30	.14	11	1.77	.05	.06	1
STANDARD C	18	63	39	133	7.2	68	29	1036	4.05	40	18	7	37	48	18.4	16	21	58	.52	.097	35	57	.92	183	.97	38	1.95	.06	.14	12

SAMPLE#	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	M
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
475587	2	193	8	32	2	647	59	241	4.82	2	5	ND	1	19	1.4	6	2	42	.84	.037	2	439	3.73	102	.11	6	2.12	.07	.71	1
475588	2	49	10	68	2	76	16	222	3.82	2	5	ND	1	118	1.6	2	5	49	2.90	.048	8	125	.35	35	.19	15	3.05	.16	.11	1
475589	1	20	10	91	1	11	13	833	4.21	28	6	ND	1	47	1.0	3	2	50	5.93	.126	11	47	.67	26	.01	7	1.82	.83	.13	1
475590	3	53	17	90	3	47	14	421	3.49	6	5	ND	2	24	1.1	2	2	72	.50	.059	11	137	.63	68	.07	9	1.50	.85	.17	1
475591	2	50	13	96	3	72	13	570	3.64	7	6	ND	1	35	1.0	3	3	60	5.39	.053	9	181	.55	14	.12	12	3.95	.01	.02	1
475592	2	50	15	106	3	121	18	664	5.95	10	5	ND	3	9	1.2	3	4	87	.84	.025	5	108	.89	63	.27	7	2.37	.06	.09	1
475593	2	5	10	27	6	79	39	2674	9.48	149	5	ND	1	263	1.2	10	2	5	20.92	.012	6	42	1.94	151	.01	7	.19	.01	.09	1
475651	1	10	12	72	1	9	5	459	1.58	25	5	ND	1	26	2.6	5	3	11	38.32	.035	8	10	.06	94	.01	8	.30	.01	.02	1
475652	1	5	18	48	2	5	3	358	.79	13	5	ND	1	27	2.7	3	2	6	39.98	.023	7	5	.06	75	.01	2	.17	.01	.01	1
475653	1	5	12	38	2	3	4	445	.50	9	5	ND	1	25	1.6	3	2	3	42.71	.010	7	4	.06	82	.01	3	.07	.01	.01	2
475654	1	8	22	87	1	9	4	464	1.10	21	5	ND	1	27	3.9	4	2	7	40.32	.026	8	16	.06	103	.01	12	.19	.01	.02	2
475655	1	9	11	77	1	8	4	477	.65	17	5	ND	1	28	2.5	4	2	5	40.76	.024	7	6	.06	97	.01	6	.13	.01	.02	1
475656	1	10	14	110	2	11	5	686	1.52	27	5	ND	1	26	1.9	4	2	11	37.90	.047	9	8	.07	141	.01	6	.27	.01	.02	1
475657	1	6	9	59	2	5	4	344	1.14	27	5	ND	1	29	2.7	3	2	8	35.95	.028	8	7	.07	78	.01	2	.27	.01	.04	1
475658	1	14	10	84	2	13	6	269	3.02	43	5	ND	1	23	1.6	5	2	18	27.30	.036	7	14	.07	54	.02	5	.56	.01	.04	1
475659	1	25	18	297	1	21	18	768	6.68	30	6	ND	1	33	1.8	6	2	106	9.35	.144	25	41	.77	228	.02	2	3.14	.01	.13	1
475660	44	37	12	69	1	23	9	53	4.47	34	5	ND	1	125	1.4	8	2	76	1.38	.019	2	84	1.20	40	.04	3	3.89	.22	.12	1
475661	2	6	2	11	1	10	2	75	.42	5	5	ND	1	6	1.2	2	2	4	.21	.005	2	264	.17	94	.01	2	.20	.01	.01	1
STANDARD C	19	64	35	134	7.9	72	31	1020	4.06	41	17	7	36	51	10.4	16	23	58	.50	.095	37	59	.81	178	.07	37	1.91	.05	.14	11

Sample Name	Type	Wt g	Au mg	Au ppm
C30 MP-03	Pan Conc	8.35	0.006	780
C30 MP-04	Pan Conc	10.60	0.005	455
C30 MP-05	Pan Conc	13.50	0.152	>10000
CAN MP-01	Pan Conc	12.90	0.001	60
CAN MP-02	Pan Conc	21.00	0.034	1620
CAN MP-03	Pan Conc	15.20	0.003	170
DACN -05	Pan Conc	19.05	0.059	3090
DY 6-12A	Pan Conc	13.45	0.051	3815
KIRK -000115	Pan Conc	17.50	0.007	380
NC MP-02	Pan Conc	10.20	<0.001	20
NC MP-04	Pan Conc	18.10	0.007	410
SCUD MP-01	Pan Conc	23.45	0.005	205
SCUD MP-02	Pan Conc	19.65	0.056	2850
SCUD MP-03	Pan Conc	26.70	0.007	275
SCUD MP-05	Pan Conc	18.35	0.001	65
STRAT RP-01	Pan Conc	16.00	0.014	880

Sample Name	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	V ppm	W ppm	Zn ppm	Zr ppm
SCUD MP-02	2	0.01	25	0.09	5	<5	2	40	<10	0.07	127	<5	33	1
C30 MP-03	7	0.01	22	0.06	22	<5	2	149	<10	0.01	30	<5	147	1
NC MP-03	2	0.05	10	0.06	4	<5	1	53	<10	0.05	57	<5	28	<1
SCUD MP-04	2	0.01	32	0.16	2	<5	3	26	<10	0.07	246	<5	51	<1
SCUD MP-05	2	0.01	39	0.16	5	<5	4	29	<10	0.08	179	<5	66	<1
NC MP-01	1	0.04	11	0.05	2	<5	2	77	<10	0.06	48	<5	35	<1
NC MP-02	2	0.06	9	0.06	2	<5	1	40	<10	0.05	88	<5	19	1

Minimum Detection 1 0.01 1 0.01 2 5 1 1 10 0.01 5 5 1 1
 Maximum Detection 1000 5.00 10000 5.00 20000 1000 10000 10000 1000 1.00 10000 1000 20000 10000
 Method ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP
 -- = Not Analysed unr = Not Requested ins = insufficient Sample

Sample Name	Type	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm
SCUD MP-02	Silt	0.1	0.81	<5	59	<2	1.50	0.4	12	61	56	3.77	<3	0.05	5	0.83	320
C30 MP-03	Silt	0.6	0.87	13	113	<2	>10.00	0.7	7	15	22	1.62	<3	0.04	3	2.24	388
NC MP-03	Silt	<0.1	0.68	<5	46	<2	2.19	0.3	7	9	10	2.78	<3	0.08	32	0.72	286
SCUD MP-04	Silt	0.1	0.92	5	35	<2	0.72	0.9	15	57	59	>5.00	<3	0.04	8	0.99	324
SCUD MP-05	Silt	0.1	1.18	12	87	<2	0.91	0.7	19	49	86	4.84	<3	0.05	9	1.24	685
NC MP-01	Silt	<0.1	0.64	<5	50	<2	3.75	0.1	7	7	13	2.65	<3	0.09	28	0.43	253
NC MP-02	Silt	0.1	0.67	<5	57	<2	1.31	0.3	9	10	11	3.20	<3	0.08	17	0.29	181

Minimum Detection 0.1 0.01 5 2 2 0.01 0.1 1 1 1 0.01 3 0.01 2 0.01 1
 Maximum Detection 100.0 5.00 10000 10000 10000 10.00 10000.0 10000 10000 20000 5.00 10000 10.00 10000 10.00 10000
 Method ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP
 -- = Not Analysed unr = Not Requested ins = Insufficient Sample

APPENDIX II
Sample Summary

SCUD NORTH PROJECT
GRAN 9, 10, CANYON 17

SAMPLE #	LOCATION	ROCK TYPE WITH MINERALIZATION	ALT	WIDTH	ATTD.	<u>ppb</u>	<u>ppm</u>	CU	PB	ZN	SB	AS
						AU	AG					
475501	TOP CK.	GREEN/WHITE FE-CB ALTN w/ coarse diss PY & BLACK FINE SU'S SUBPARALLELIZING FUCHSITIC BANDS		GRAB	-	20	-	56	<2	42	<2	7
475502	TOP CK	FUCHSITIC FE-CB ALTN ZONE 10 M WIDE		5 METRE SKIP CHIP	150° TRENCH	-	-	47	<2	35	<2	13
475503	"	"	"	"	"	5	-	72	<2	40	<2	18
475504	TOP CK.	QZ DYKE SETS XCUT BY HEMIC STWK FRACTURES CUTS INTRUSIVE (SYENITIC!)		SELECT	150/30N	25	-	8	24	34	<2	5
475505	TOP CK.	PYRITIC FE-CB ALT'D FOOTWALL TO QZ DYKE SET		SELECT	150/30N	-	-	248	<2	79	<2	62
475506	TOP CK.	RUSTY VOLC'S, PYRITIC		GRAB	-	-	0.2	199	13	187	3	11
475507	TOP CK.	QZ VEIN/SIL ZONE MASSIVE + DISS PY		1.5	20/48E	-	0.2	297	8	52	<2	32
475508	"	> 20M WIDTH		SELECT	-	-	0.3	329	6	372	<2	18
475509	TOP CK.	SHEAR ZONE w/ GRAPHITIC GOUGE (FW + HW) HEMIC w/ PY - 80cm SHEAR		1m	168/64E	-	0.1	154	7	59	5	117
475510	TOP CK.	GRABS FROM SIL ZONE IN FW TO SHEAR 475509		GRAB	-	15	5.0	4493	4	33	4	211

SCUD NORTH PROJECT
GRAB 9, 10, CANYON 17

SAMPLE #	LOCATION	ROCK TYPE WITH MINERALIZATION	ALT WIDTH	ATTD.	AU	AG	CU	PB	ZN	SB	AS
475511	BRECCIA ZONE	FE-CB QZ BRXX + STOCKWORK ZONE OF OUTCROP - FLINT - LARGE SHOULDERS	GRAB	-	-	-	21	<2	5	<2	23
475512	BRXX ZONE	SIL ZONE, PY'C W MINOR CHALCOPYRITE (CPY) + QZ SKEWETS, BANNED, RUSTY	GRAB	-	-	-	178	7	15	<2	81
475513	BRXX ZONE	FE-CB VEIN IN MATH VOLCS V. LIMONITIC BUT NO VIS SU'S	0.5m	67/80w	-	-	9	<2	14	4	70
475514	BRXX ZONE	FE-CB QZ BRXX, COARSE PY, MINOR CPY, V. LIMONITIC	GRAB	-	-	9.8	4486	<2	84	10	95
475561	FAULT CK	LIGHT GREY LST CUT BY QZ VEINETS, LIMONITIC	SELECT	-	-	-	40	<2	26	<2	16
475562	FAULT CK	PHYLLITIC BLACK SUGAR? CB, NO VIS SU'S	SELECT	-	-	-	70	7	42	<2	4
475563	FAULT CK	SERP'D VOLCS, NO VIS SU'S	SELECT	-	-	-	106	8	26	<2	<2

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SCUD NORTH PROJECT
GRAND, 10, CANYON 17

SAMPLE #	LOCATION	ROCK TYPE WITH MINERALIZATION	ALT	WIDTH	ATTD.	AU	AG	CU	PB	ZN	SB	MS
475564	FAULT CK.	QZ-CB VEIN CUTTING MAFIC VOLCS		SELECT	-	-	-	8	3	25	<2	5
475565	FAULT CK	PYRITIC ANDES STOCK? OR PENDANT IN LST		SELECT	-	-	-	151	6	58	<2	6
475566	STRAIGHT CREEK	RUSTY, WEARLY SIL'D CB W MINOR QZ VEINLETS, NO VIS SÜS		SELECT	-	-	-	36	8	100	<2	9
475567	STRAIGHT CK	FUCHSITIC, ANKERITIC CB W FINE MAFIC DISSÄS		SELECT	-	-	-	4	6	38	<2	21
475568	STRAIGHT CK	ANKERITIC ALTN W MINOR QZ VEINLETS		SELECT	-	-	-	<2	7	14	<2	14
475569	STRAIGHT CK.	FUCHSITIC CB (LISTWAITE?) W FINE BLACK MAFIC DISSÄS (CHROM TESTS?)		SELECT	-	-	-	7	3	39	<2	16
475570	STRAIGHT CK	PALE GREEN FUCHSITIC CB W BLACK GRANULAR DISSÄS. (CHR?)		SELECT	-	-	-	52	<2	39	5	95
475571	STRAIGHT CK	UGLY QZ VEINLET 4CM WIDE, PY'C, W FAINT MALACHITE, HIGHLY WEATH'D		4cm	-	5	1.1	16364	3	13	37	11

SCUD NORTH PROJECT
GRAN 9, 10, CANYON 17

SAMPLE #	LOCATION	ROCK TYPE WITH MINERALIZATION	ALT	WIDTH	ATTD.	AU	AG	CU	PB	ZN	SB	AS
475584	CANYON 17 CL.	SERP'D CHLORITIC MAFIC VOLC'S		SELECT	-	-	0.2	50	14	86	<2	11
475585	CANYON 17 CL.	WEAKLY FOU'D, D. GREEN VOLC'S W RUSTY WEATH'G NO VIS SU'S		SELECT	-	-	0.1	145	<2	31	3	<2
475586	CANYON 17 CL.	QZ STWK (PY'C) CUTTING CHLORITIC D. GREEN VOLC'S		SELECT	-	-	-	83	3	34	<2	<2
475587	CANYON 17 CL.	PORPH'C MAFIC VOLC'S. COARSE AMPHIBOLE X'TALS WEAKLY SERP'D.		SELECT	-	-	0.2	193	8	32	6	<2
475588	CANYON 17 CL.	BLACK ARGILLITE, PY'C XCUT BY PY'C CLEAR QZ VEINLETS		SELECT	-	-	-	49	10	68	<2	<2
475589	CANYON 17 CL.	CB ALTN ZONE, RUSTY PROTOLITH?		SELECT	-	-	0.1	20	10	91	3	28
475590	CANYON 17 CL.	RUSTY, PY'C QZ VEIN		SELECT	-	-	0.3	53	17	90	<2	4
475591	CANYON 17 CL.	WHITE QZ W DISS PY RUSTY.		SELECT	-	-	0.3	50	13	96	3	7

APPENDIX III

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

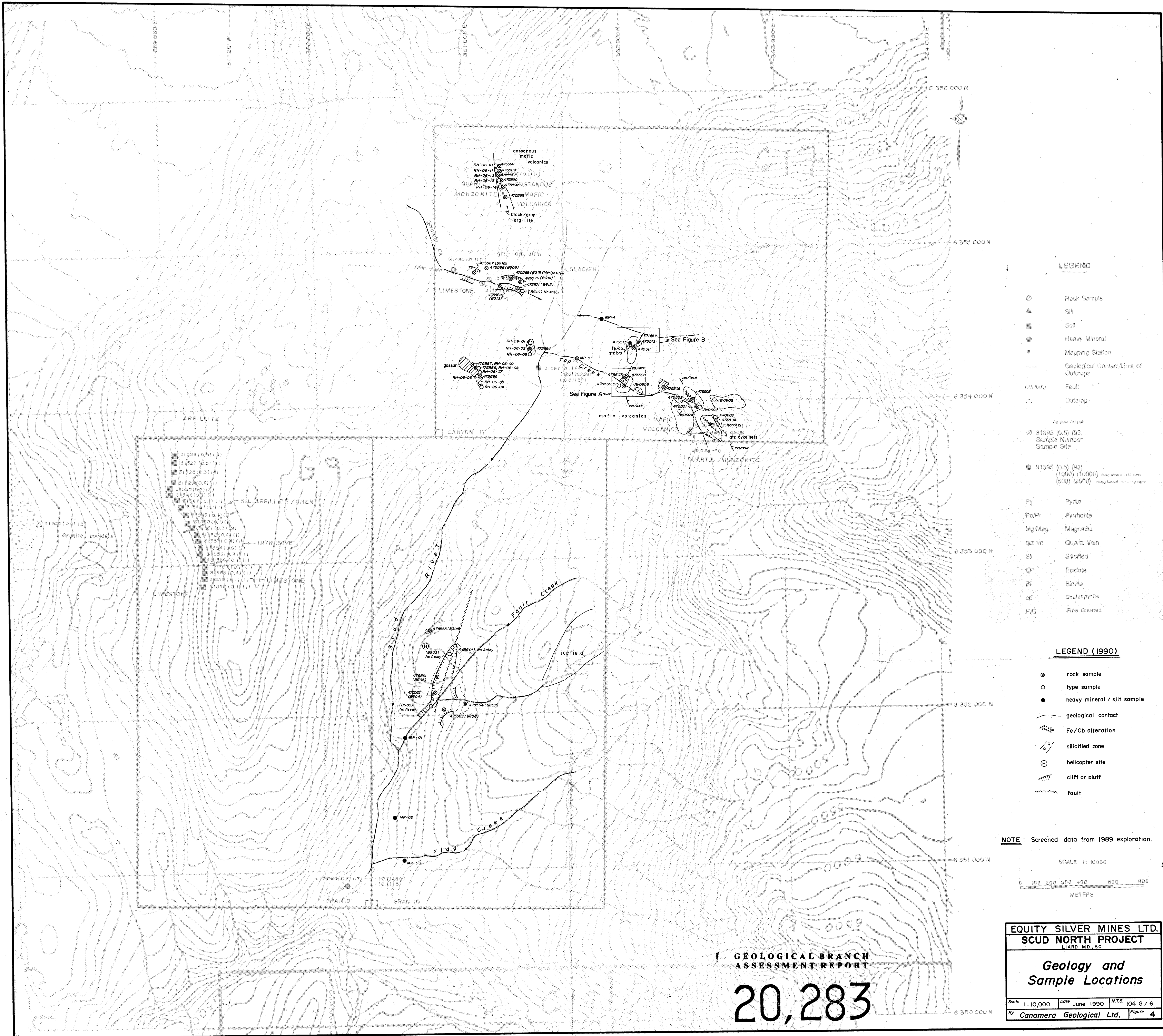
NAME: Wetherill, J.F.

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.



LEGEND

- ⊗ Rock Sample
- ▲ Silt
- Soil
- Heavy Mineral
- Mapping Station
- Geological Contact/Limit of Outcrops
- Fault
- ⊕ Outcrop

Ag ppm Au/ppb
 ⊗ 31395 (0.5) (93)
 Sample Number
 Sample Site

● 31395 (0.5) (93)
 (1000) (10000) Heavy Mineral - 150 mesh
 (500) (2000) Heavy Mineral - 90 - 150 mesh

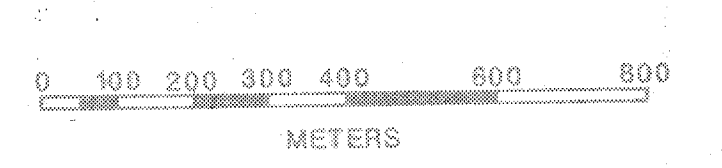
- Py Pyrite
- Pa/Pr Pyrrhotite
- Mg/Mag Magnetite
- qtz vn Quartz Vein
- Sil Silicified
- EP Epidote
- Bl Biotite
- cp Chalcopyrite
- F.G Fine Grained

LEGEND (1990)

- ⊗ rock sample
- type sample
- heavy mineral / silt sample
- geological contact
- Fe/Cb alteration
- silicified zone
- ⊕ helicopter site
- cliff or bluff
- fault

NOTE: Screened data from 1989 exploration.

SCALE 1:10000



**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

20,283

EQUITY SILVER MINES LTD.
SCUD NORTH PROJECT
 LIARD M.D., B.C.

**Geology and
 Sample Locations**

Scale 1:10,000 Date June 1990 N.T.S. 104 G / 6
 By Canamera Geological Ltd. Figure 4