

ASSESSMENT REPORT

ON THE

MT. EVELYN PROPERTY

MAX 1 AND MAX 2 MINERAL CLAIMS

OMENICA MINING DIVISION

N.T.S. 93 L/14 W

BRITISH COLUMBIA

AT

54° 52' N. LATITUDE

127° 19' W. LONGITUDE

OWNER: C. DYAKOWSKI

OPERATOR: STEFAN RESOURCES INC.

AUTHOR: D.L. KURAN

OCTOBER 20, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,526

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MT. EVELYN PROJECT

11

STATEMENT OF EXPENDITURES

SEPTEMBER 29 - OCTOBER 5, 1983

SOUTH GROUP Max 1

(1) Personal			
(a) Dave Kuran, Geologist	1.5 days @	142.00	\$ 213.00
(b) Virginia Kuran, Geologist	1.5 days @	142.00	213.00
(2) Supply	3 Mandays @	40.00	120.00
(3) Travel Truck (4x4)	20% of	40.00	8.00
(4) Rock Geochemistry	19 samples @	28.00	532.00
(5) Report Dave Kuran	2 days @	131.00	<u>262.00</u>
			<u>\$ 1348.00</u>

NORTH GROUP Max 2

(1) Personal			
(a) Dave Kuran, Geologist	5.5 days @	142.00	\$ 781.00
(b) Virginia Kuran, Geologist	5.5 days @	142.00	781.00
(2) Supply	11 Mandays @	40.00	440.00
(3) Travel Truck (4x4)	20% of	120.00	24.00
(4) Rock Geochemistry	35 samples @	22.15	775.25
(5) Report Dave Kuran	5 days @	131.00	<u>655.00</u>
			<u>\$ 3456.25</u>

LIST OF FIGURES

111

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MAP FOLDER Fig. 3-7

(1.0) INTRODUCTION

Between September 29, 1983 and October 5, 1983 a geological mapping and sampling program was carried out by Stefan Resources Inc. on the Mount Evelyn lead-zinc-silver-gold prospect.

The property consists of two noncontiguous claim blocks grouped as Max 1 to the south and Max 2 to the north. These groups are comprised of located claims and re-located reverted Crown Grants.

The claims are located 12 km northwest of Smithers, B.C. on the north flank of Hudsons Bay Mt. on map sheet N.T.S. 93L/14 W.

The claims are owned by C. DYAKOWSKI and the work program was operated by Stefan Resources Inc. of Vancouver, B.C.

A total of 54 rock channel and grab samples were taken on several vein structures exposed in old trenches and underground workings on the property to confirm base metal grades and precious metal content recorded in the Ministry of Mines records. A preliminary geological map at a scale of 1:5000 was completed. One small adit was dewatered to facilitate sampling.

(2.0) LOCATION, ACCESS AND TOPOGRAPHY

The Mt. Evelyn property is located 12 km northwest of Smithers, B.C. on the north flank of Hudsons Bay Mt. at the headwaters of Toboggan Cr. around Shufer Lake.

The north claim group Max 2 is centered at $127^{\circ} 18' 30''\text{W}/54^{\circ} 53' 8''\text{N}$. The south group Max 1 is at $127^{\circ} 20' 30''\text{W}/54^{\circ} 50' 36''\text{N}$ (Fig.1).

Access is from Smithers, B.C. by a 4 wheel drive ground road on the north side of Toboggan Cr. which branches north from the Glacier Gulch/Twin Falls road at the power line west of Kathlene Lake. Helicopters are also available in Smithers.

Food, lodging and equipment are available in Smithers.

Vegetation ranges from heavy alder and balsam at lower elevations to juniper and grass above tree line. Elevations range from 1000 m to over 2000 m. The terrain is generally very steep and locally precipitous and glacier covered.

(3.0) CLAIM INFORMATION

The property, owned by C. Dyakowski, consists of two non contiguous claim groups, the Max 1 and Max 2 (Fig. 2).

<u>GROUP</u>	<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>NO. OF UNITS</u>
MAX 1	Max 1	5026	8
	Carroll	4863	6
	Cabins	4857	1
	Spondulix	4972	1
	Rico Aspen/ Big Hope Fr.	4971	1
	Little Joe	4987	1
	Iron Dollar	4988	1
	Last Hope	4989	1
	Fisher Fr.	4990	1
	Rio Grande	4991	1
	Jumbo	4992	1
MAX 2	Max 2	5027	9
	Matuss	4865	1

(4.0) PREVIOUS WORK

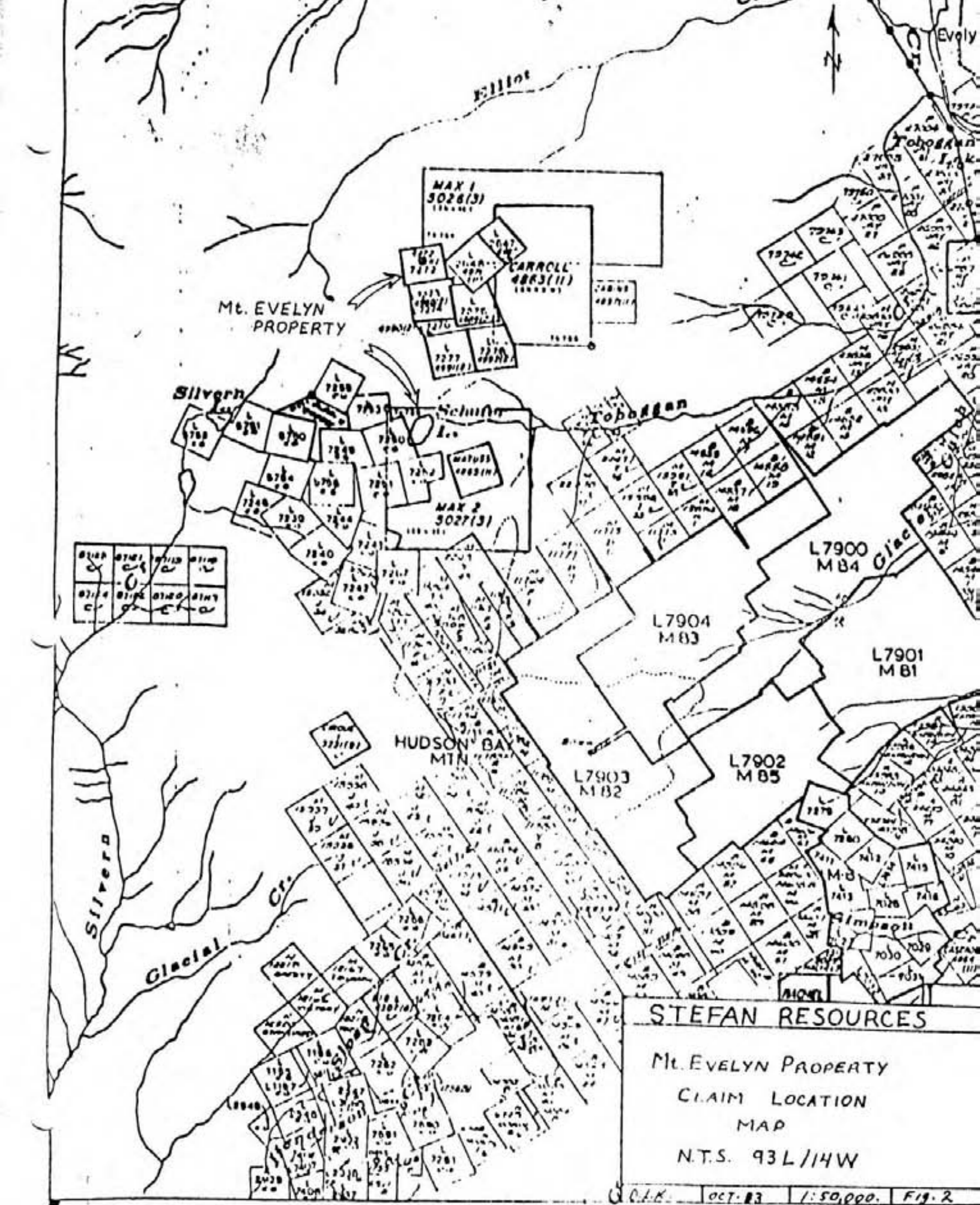
The Mt. Evelyn claims cover an area which has undergone considerable prospecting and exploration work over the past seventy years. The claims cover known surface showings and minor underground workings. The major showings are referred to by their original Crown Grant names.



STEFAN RESOURCES
 Mt. EVELYN PROPERTY
 LOCATION MAP

0 100 200 MILES
 0 100 200 400 KILOMETRES

D.K. | OCT. 1983 | FIG. 1



Mt. EVELYN PROPERTY

MAX 1
3026(3)

CARROLL
4883(11)

MAX 2
3027(3)

L7904
M83

L7903
M82

L7902
M85

L7901
M81

L7900
M84

HUDSON BAY
MTN

Silvera
Glacial Cr.

STEFAN RESOURCES

Mt. EVELYN PROPERTY

CLAIM LOCATION

MAP

N.T.S. 93L/14W

1:50,000 FIG. 2

(4.0) PREVIOUS WORK (CONT.)

The Max 2 and Matuss claims of the south group, located around Shufer Lake, envelope the Matuss mineral showing. The group of reverted Crown Grants adjoining the Carroll, Max 2 and Cabins claims to the west including Spondulix, Rico Aspen, Rio Grande, Big Hope, Iron Dollar, Last Hope, Fisher and Jumbo cover areas of known mineralized structures of the same names. Old assays from the B.C. Bureau of Mines Annual Reports indicate significant gold and silver values in the sulphide veins explored in the past. Development work consisted mainly of open cuts, short tunnels and adits with very little ore being shipped. In 1913 two tons were shipped from the Spondulix.

(5.0) GENERAL GEOLOGY

The area of Hudsons Bay Mt. is underlain mainly by metavolcanic and metasedimentary rocks of the Lower/Middle Jurassic Hazelton Group and metasedimentary rocks of the Upper Jurassic/Lower Cretaceous Bowser Group. A few small bodies of the Cretaceous Bulkley intrusive of granodiorite and quartz monzonite composition intrude the older stratigraphy. Minor quartz porphyry dykes in the area are possibly related to the Bulkley intrusive. Regional metamorphism has not exceeded lower greenschist faces.

(6.0) PROPERTY GEOLOGY

The property is underlain by acid to intermediate volcanic rocks of the Hazelton Group and sedimentary rocks of the Bowser Group. The Hazelton and Bowser Groups have been intruded by the Bulkley intrusives and quartz-feldspar porphyry dykes. The property was mapped at a scale of 1:5000 and the mapping is presented in a north sheet (Fig. 3) and south sheet (Fig.4). Individual showings were mapped at a scale of 1:1000 (Fig. 5,6,7).

(6.1) Hazelton Group (Units 1, 1a, 1b, 1c)

The base of the stratigraphy on the property consists of acid to intermediate volcanic rocks (Unit 1). Unit 1b consists of massive dacite, rhyodacite flows and tuffs which are locally autobrecciated. This unit is pale green, blocky weathering and locally cliff forming. Unit 1b contains a 10 m thick acid tuff horizon which has been bleached and shattered (Unit 1c). The top of the Group is a massive intermediate volcanic package of andersite to andedacite flows and tuffs, (Unit 1a).

(6.2) Bowser Group (Units 2, 2a, 2b)

Unconformably overlying the Hazelton volcanics is a group of sedimentary rocks (Unit 2) which is divisible into two units. The basal unit (Unit 2b) is a poorly sorted heterolithic pebble to cobble conglomerate. This unit is rusty weathering due to disseminated pyrite in the matrix. Unit 2b hosts the shear filling vein type mineralization of the Rio Grande showing. These conglomerates are overlain by a monotonous series of upwards fining grits, siltstones and black carbonaceous, pyritic, rusty weathering mudstones (Unit 2a).

(6.3) Bulkley Intrusives (Unit 3)

These intrusives are medium grained homogenous equigranular granodiorite and quartz monzonite bodies. They outcrop on the north section of the property on Mt. Evelyn. The rocks weather grey green and blocky and are locally cliff forming.

(6.4) Quartz Porphyry Dykes (Unit 4)

This unit outcrops on the south map sheet around the Matuss showing and is highly visible on the recently uncovered glaciated outcrop below the receding toe of the glacier. The dykes weather flesh white and consist of a very fine grained groundmass of quartz and feldspar containing up to 3% .5 to 1.5 cm subangular sanadine phenocrysts.

(6.5) Veins (Unit 5)

This unit is comprized of the numerous fracture or shear filling sulphide veins exposed on the property. They range in thickness from 5 cm to 3 meters and contain variable amounts of base metals and precious metals.

TABLE OF FORMATIONS

UNIT

- 5 QUARTZ/SULPHIDE VEINS - fracture and shear filling quartz/sulphide veins carrying various amounts of lead, zinc, copper, arsenic, gold, and silver.

INTRUSIVE CONTACT

- 4 QUARTZ PORPHYRY DYKES - pinkish white weathering quartz-feldspar porphyry dykes.

INTRUSIVE CONTACT

- 3 BULKLEY INTRUSIVES - massive medium grain homogenous bodies of cronodiorite and quartz monzonite composition.

INTRUSIVE CONTACT

LOWER CRETACEOUS/UPPER JURASSIC

- 2 BOWSER GROUP METASEDIMENTARY ROCKS
- 2a Undifferentiated rusy weathering well bedded gritstone, siltstone, and black graphite mudstone.
 - 2b Poorly sorted, thickly bedded heterolithic pebble to cobble conglomerate.

UNCONFORMITY

MIDDLE/LOWER JURASSIC

- 1 HAZELTON GROUP METAVOLCANIC ROCKS
- 1a Rhyolite tuff, bleached.
 - 1b Acid volcanic flows and tuffs of rhyolite and rhyodacite composition, pale green to maroon colored.
 - 1a Intermediate volcanic flows and tuffs of andersite and andedacite composition, medium to dark green colored.

(7.0) STRUCTURE

The structure on the Mt. Evelyn property consists mainly of shearing and faulting. This is especially evident at the contact between the brittle Hazelton volcanics and the ductile Bowser sediments. West plunging small scale folds are found in the Bowser group in the Tobaggan Cr. valley. Outcrop pattern and stratigraphy indicate a large scale synclinal fold axis along this topographic lineament.

(8.0) MINERALIZATION AND ROCK GEOCHEMISTRY

The mineralogy of the veins changes from south to north away from Hudsons Bay Mt. on the property. The veins on the south part as the Matuss showing (Fig. 5) contain a mineral assemblage in order of predominance of arsenopyrite, pyrite, pyrrhotite, sphalerite, galena and chalcopyrite. Moving north to the Rio Grande showing (Fig. 6) the mineralogy consists of mainly pyrite and arsenopyrite with more galena and sphalerite. The Mt. Evelyn showing at the far north (Fig. 7) consists of pyrite, galena, pyrolusite, sphalerite, arsenopyrite and chalcopyrite.

The precious metal content of these veins changes relative to the mineralogy. The Matuss showing with high arsenopyrite and low base metal content carries high gold and low silver values as sample 91271 with 0.72 oz/ton Ag and 0.758 oz/ton Au. Moving north to the Rio Grande, the silver has increased to 8.75 oz/ton with 0.42 oz/ton Au in sample 91284.

In the Mt. Evelyn vein, the silver has sharply increased with a decrease in gold as 0.009 oz/ton Au and 21.30 oz/ton Ag in sample No. 91299. The lead to silver ratio on the Mt. Evelyn vein ranges from 1:6 to 1:10 indicating an argentiferous lead content. One sample displays a lead to silver ratio of 1:51 indicating the presence of a high silver mineral, possibly ruby silver. The gangue in these veins changes from south to north as well being mostly quartz in the south to quartz and siderite to quartz-siderite pyrolusite in the north.

Rock Unit 1c, the bleached acid tuff with fine quartz and siderite vein carries 0.017 oz/ton Au.

Disseminated mineralization occurs in Unit 2a east of the Rio Grande in the form of 1mm euhedral arsenopyrite crystals.

(9.0) DISCUSSION, CONCLUSIONS AND RECOMMENDATIONS

(9.1) Discussion and Conclusions

The Mt. Evelyn lead-zinc-silver-gold prospect occurs as veins on the north flank of Hudsons Bay Mt., which is a highly mineralized and complex series of metavolcanics, metasediments and intrusives. The veins vary in width from 5 cm to 3 m and mineralization can be traced for as long as 200 m in individual veins. The mineralogy of the veins is of a base metal-precious metal type with a definite zonal distribution across the property. Not all of the veins reported in previous work on the property have been relocated and sampled. The 1983 program has returned encouraging concentrations of silver and gold from several locations on the property.

(9.2) Recommendations

- (a) Relocate and sample main Carroll workings
- (b) Further prospecting and sampling of all veins along strike to define limits of mineralization
- (c) EM-16 and grid soil sampling over the Mt. Evelyn and Rio Grande veins
- (d) Further sampling and examination of map Unit 1c - rhyolite tuff
- (e) Reopen caved trenches and workings
- (f) Trench anomalies found by EM-16 and soil sampling

APPENDIX 1

LIST OF REFERENCES

- Holland, R. (1982): Summary Report on the Carroll and Matuss mineral claim groups, Jan. 30, 1982.
(Stefan Resources Inc. File)
- Kindle, E.D. (1954) Mineral Resources, Hazelton and Smithers areas, Cassiar and coast districts, British Columbia;
6 S.C. Memoir 223
- Ministry of Mines B.C. Annual Reports: 1900-1980

APPENDIX 2

STATEMENT OF QUALIFICATIONS

I, David L. Kuran, of 52630 Bosonworth Avenue, Maple Ridge, B.C., in the Province of British Columbia, DO HEREBY CERTIFY THAT:

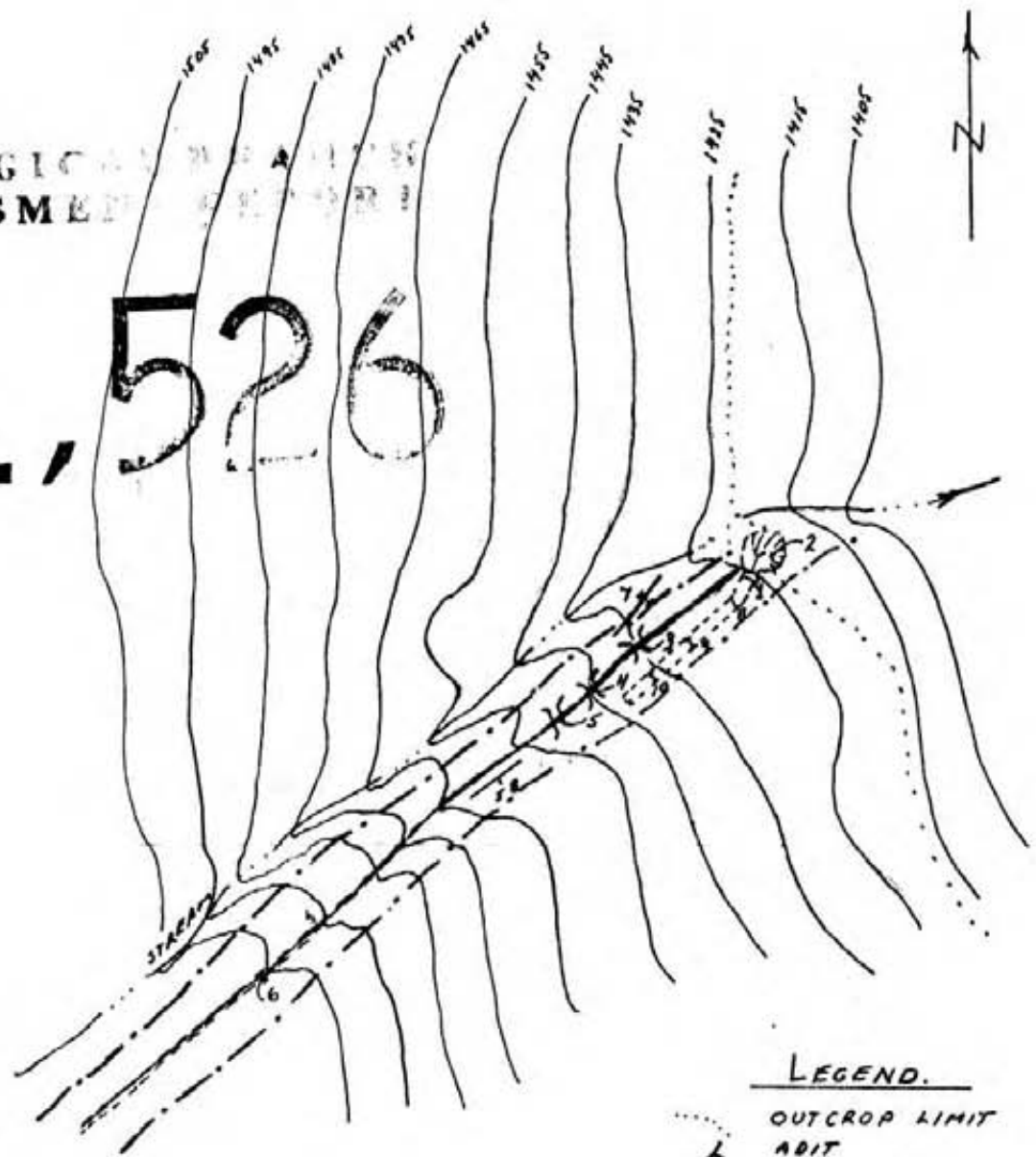
- 1) I am a geologist contracted by Stefan Resources Inc. with offices at 1020-800 West Pender Street, Vancouver, B.C.
- 2) I am a graduate of the University of Manitoba with a Bachelor of Science Degree.
- 3) My primary employment since graduating in 1978 has been in the field of mineral exploration as a field geologist.
- 4) This report is based on field work which I actively participated in between September 29 and October 5, 1983.

Dated in Vancouver, British Columbia this
20th day of October 1983.

David Kuran

GEOLOGICAL
ASSESSMENT

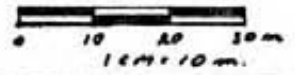
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LEGEND.

- OUTCROP LIMIT
- ADIT
- VEIN (DEFINED)
- SAMPLE LOCATION
- TRACE OF UNDEVELOPED ADIT
- LIMIT OF STRONG ALTERATION
- CONTOUR (10m INTERVAL)
- TRENCH.
- STRIKE-DIP OF VEIN

SCALE



SAMPLE LOCATION	LAGG	WIDTH	Cu	Pb	Zn	Ag	Au	As
1	91266	.20m	0.05	1.001	0.02	0.07	0.016	
	91267	.25m	0.07	1.001	0.03	0.08	0.109	
	91268	.70m	0.09	1.001	0.16	0.48	0.668	
	91269	.70m	0.07	1.001	0.11	0.08	0.024	
2	91264	CMO	0.04	1.001	0.01	0.15	0.628	
	91265	CMO	0.51	1.001	0.05	1.46	0.328	
3	91270	.80m	0.01	1.001	0.15	0.05	0.004	
	91271	.30m	0.04	1.001	0.05	0.72	0.758	
	91272	.70m	0.03	1.001	0.15	0.08	0.028	
4	91301	.70m	2.80	16.0		0.4	60	365
	91802	.70m	275	5		0.7	30	165
	91303	.70m	233	7		0.8	140	>1000
5	91274	.60m	0.34	10.01	6.10	0.27	0.120	
	91275	.55m	0.04	1.001	0.39	0.05	0.014	
6	91276	.65m	0.04	1.001	0.26	0.06	0.018	
7	91273	.10m	0.03	1.001	0.13	0.13	0.054	
8	91277	.50m	0.18	1.001	0.11	0.07	0.146	
9	91278	.70m	0.02	1.001	0.22	0.05	0.008	
10	91279	.80m	0.02	1.001	0.25	0.05	0.029	

STEFAN RESOURCES

Mc. EVELYN PROPERTY

MATUSS MINE



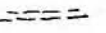

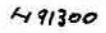
SAMPLE LOCATION MAP

D.K. OCT. 83 1cm = 10m. Fig. 5

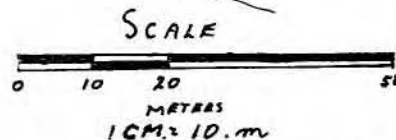
GEOLOGICAL DEPARTMENT
ASSESSMENT REPORT

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SYMBOL LIST

-  STRIKE & DIP OF VEIN
-  TRENCH
-  TRAIL
-  APPROX. ELEV. (m.)
-  SAMPLE LOCATION AND NUMBER.

SAMPLE #	m. WIDTH	Cu.	Pb	Zn	Ag	Au
91290	6.00	17 PPM	2.85 PPM	3.50 PPM	7.9 PPM	30 PPM
91291	1.2	0.01 %	0.05 %	0.15 %	0.55 m	0.006 oz.
91292	1.0	0.01 %	0.79 %	0.96 %	4.87 oz.	0.003 oz.
91293	0.7	0.03 %	0.26 %	0.21 %	13.40 oz.	0.004 oz.
91294	1.0	0.02 %	0.97 %	0.96 %	9.75 oz.	0.003 oz.
91295	1.2	0.01 %	0.48 %	1.11 %	4.78 oz.	0.003 oz.
91296	6.00	0.04 %	2.24 %	6.72 %	14.30 oz.	0.013 oz.
91297	6.00	0.03 %	1.25 %	4.52 %	7.44 oz.	0.008 oz.
91298	0.50	0.01 %	0.42 %	1.02 %	1.97 oz.	0.022 oz.
91299	1.1	0.05 %	2.08 %	1.84 %	21.30 oz.	0.009 oz.
91300	1.2	0.01 %	0.36 %	0.63 %	1.22 oz.	0.003 oz.



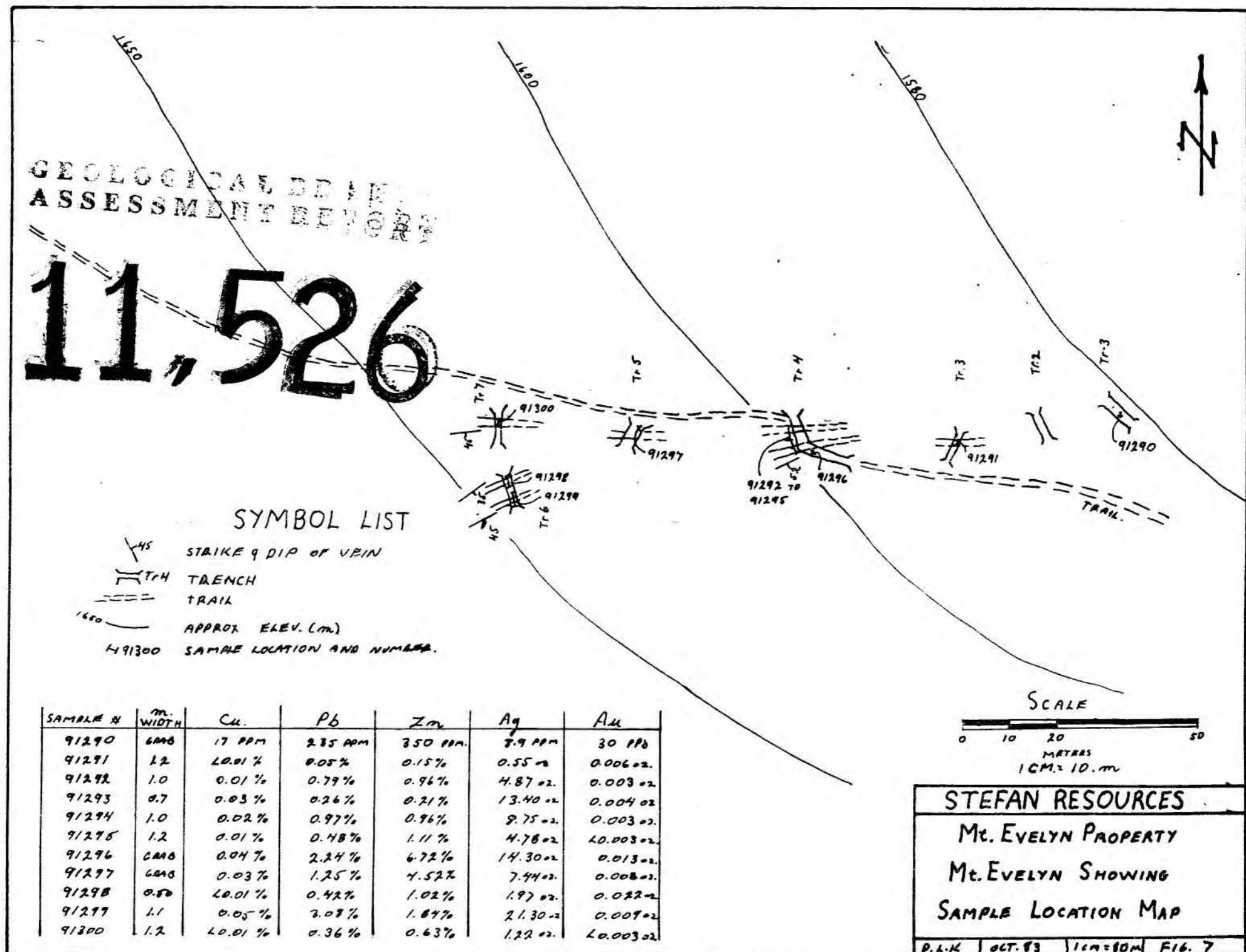
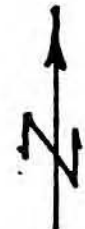
STEFAN RESOURCES

Mt. EVELYN PROPERTY

Mt. EVELYN SHOWING

SAMPLE LOCATION MAP

P.L.K. | OCT. 83 | 1cm = 10m | FIG. 7



LEGEND

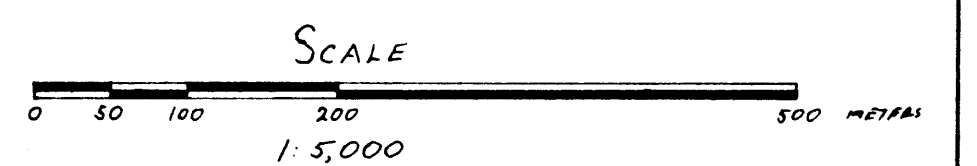
- 5 VEINS
QUARTZ-SULPHIDE VEINS, FRACTURE FILLING, SHEAR ZONES
CONTAIN P, AP, G, SA, CA, PA, CC, TET, Z, Au, Ag
- 3 GRANITIC INTRUSIVE ROCKS (BULKLEY GROUP)
UNDIFFERENTIATED QUARTZ MONZONITE AND GRANODIORITE
- INTRUSIVE CONTACT -
- 2 METASEDIMENTARY ROCKS (BOWSER GROUP)
 - 2a POORLY SORTED, THICKLY BEDDED HETEROLITHIC
PEBBLE-COBBLE CONGLOMERATE, USUALLY RUSTY
WEATHERING, PYRITIC GAIT MATRIX
 - 2b UNDIFFERENTIATED WELL BEDDED CRISTENE
SILTSTONE, BLACK GRAPHIC MUDSTONE, BUFF TO RUSTY
WEATHERING
- UNCONFORMITY -
- 1 METAVOLCANIC ROCKS (HAZELTON GROUP)
 - 1a RHYOLITE TUFF, BLEACHED, QUARTZ AND SPERITE STAININGS
 - 1b ACID VOLCANIC FLOWS AND TUFFS, PALE GREEN TO
MAROON COLORED, DACITE - ANTHOCLASITE MINERALIZATION
 - 1c INTERMEDIATE VOLCANIC FLOWS AND TUFFS,
FINE TO MEDIUM GRAINED DARK TO MEDIUM LARVA,
MASSIVE

SYMBOL LIST

- OUTCROP BOUNDARY
- GEOLOGICAL BOUNDARY
- BEDDING, STRUCTURE, STRIKE AND DIP
- JOINT
- ADIT
- TRENCH
- DUMP
- PIT
- VEIN
- CHIP SAMPLE, GRASSAMPLE, NUMBER
- CAT ROAD
- LEGAL CORNER POST
- SHOWING NAME
- MINERALIZATION
- BUILDING RUINS

ASSAY RESULTS

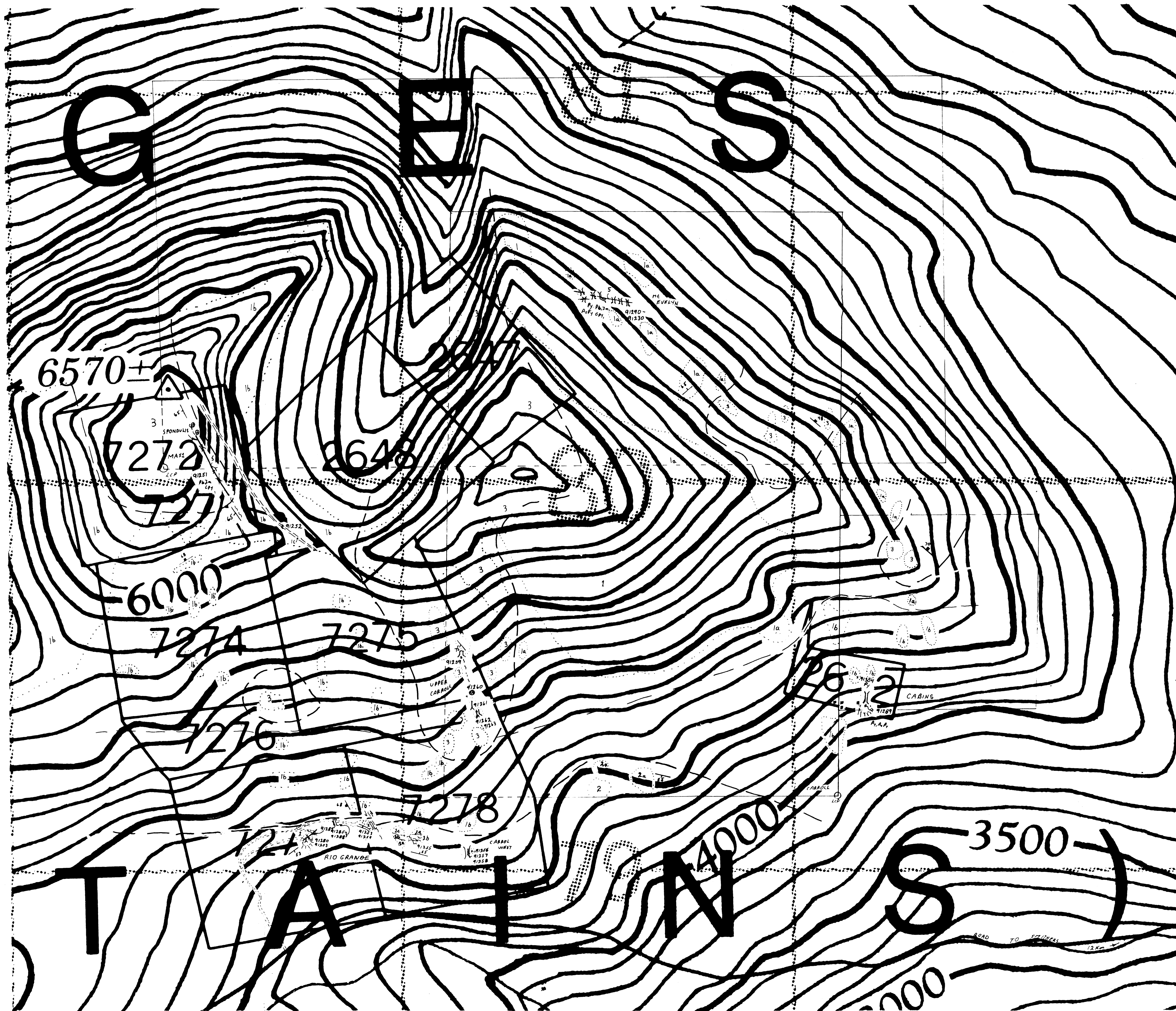
SAMPLE #	UNIT	Cu	Pb	Zn	Ag	Au
91271	1400	0.22%	0.22%		24.80 g/t	0.0002 g/t
91272	1.2				0.18 g/t	0.017 g/t
91273	1.37				0.78 g/t	10.000 g/t
91274	1.0				2.40 g/t	0.0002 g/t
91275	0.92				0.9 g/t	2.5 g/t
91276	1.46				1.1 g/t	1.5 g/t
91277	0.80	20.0%	0.0%		0.21 g/t	10.000 g/t
91278	0.90	1.00%	0.0%		0.33 g/t	10.000 g/t
91279	1.40	0.0%	0.2%		1.8 g/t	0.017 g/t
91280	1.40	2.2 g/t	0.2%		21.0 g/t	1.432 g/t
91281	1.40	162 g/t	1.800 g/t		32.0 g/t	837 g/t
91282	1.40	1.3 g/t	1.4 g/t		1.9 g/t	15.4 g/t
91283	1.0	0.01%	0.01%		10.01 g/t	0.012 g/t
91284	0.80	0.1%	0.1%	1.00%	3.82 g/t	0.378 g/t
91285	0.70	0.0%	0.0%		1.82 g/t	0.100 g/t
91286	0.35	0.07%	0.2%	1.00%	5.03 g/t	0.388 g/t
91287	0.90	1.00%	0.0%	1.00%	0.11 g/t	0.480 g/t
91288	1.40	0.0%	0.2%	1.00%	6.75 g/t	0.480 g/t
91289	1.2	2.2 g/t	1.2 g/t	1.2 g/t	15.0 g/t	15.0 g/t
91290	1.0	30.0 g/t	1.2 g/t	1.0 g/t	1.0 g/t	1.0 g/t
91291	0.7	1.00%	0.2%	0.2%	0.23 g/t	0.10 g/t
91292	0.9	3.1 g/t	0.2%	0.2%	0.2 g/t	5.0 g/t
91293	1.40	1.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91294	1.2	1.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91295	1.2	0.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91296	1.40	0.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91297	1.40	0.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91298	0.5	1.00%	0.2%	0.2%	0.2 g/t	0.022 g/t
91299	1.2	0.0%	0.2%	0.2%	0.2 g/t	0.022 g/t
91300	1.2	0.0%	0.2%	0.2%	0.2 g/t	0.022 g/t

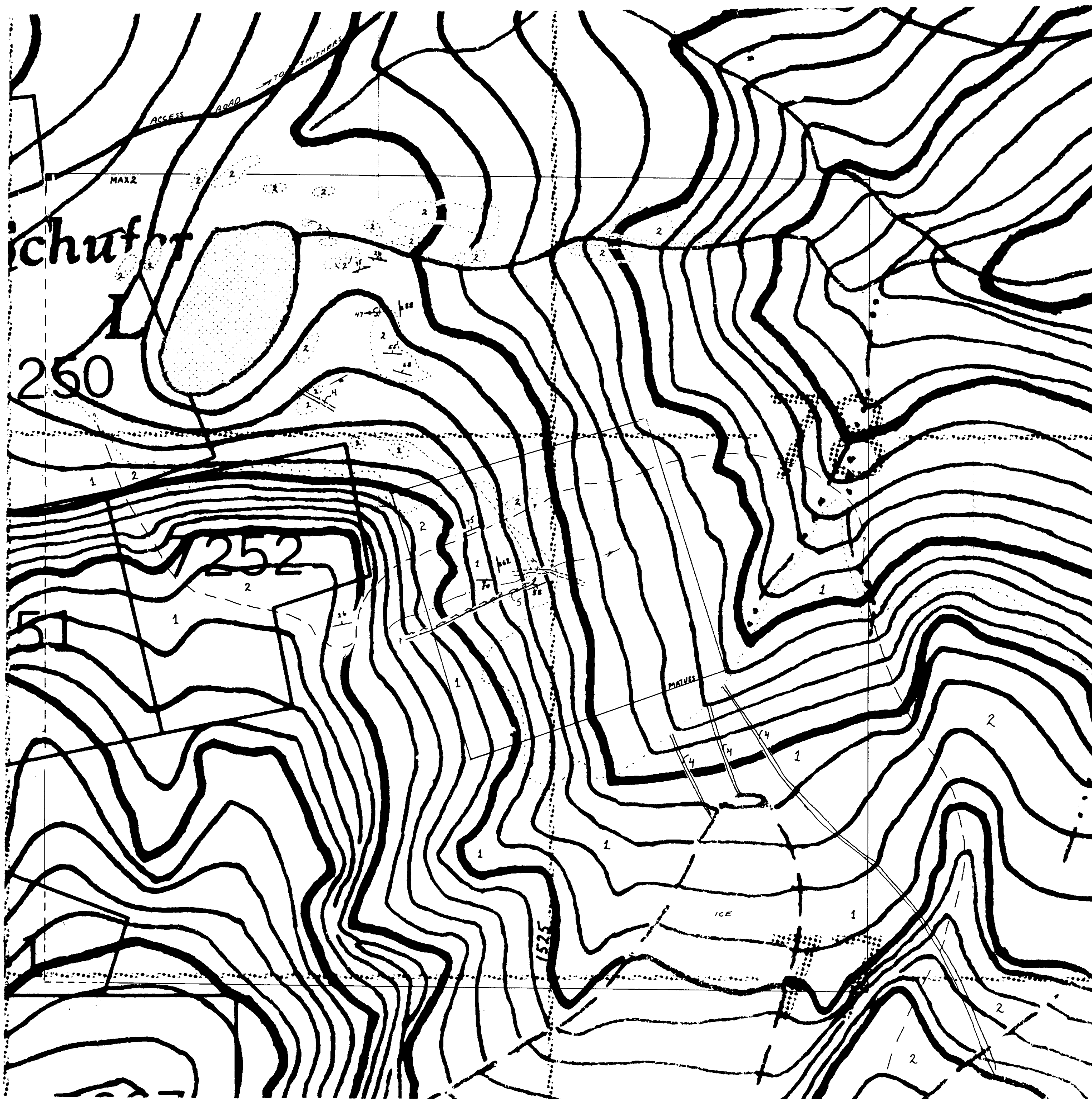


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STEFAN RESOURCES
 ME. EVELYN PROPERTY
 NORTH SHEET
 PROPERTY
 GEOLOGY AND SAMPLE LOCATION
 MAP
 D.L.K. OCT-93 1:5000 FIG 3





LEGEND

- 5 VEIN
QUARTZ-SULPHIDE (Cu, Pb, Zn, Ag, Sn, S, Pt)
- 4 DYKES
QUARTZ-FELDSPAR PORPHYRY
- INTRUSIVE CONTACT -
- 2 METASEDIMENTARY ROCKS (BOWSER GROUP)
THIN-THICKLY BEDDED, RUSTY WEATHERING
BLACK MUDSTONE, GRIT AND SILTSTONE
LOCALLY PYLITIC
- UNCONFORMITY -
- 1 METAVOLCANIC ROCKS (HAZELTON GROUP)
BLOCKY WEATHERING ACID-INTERMEDIATE
RHYOLITE, AND-DACITE, DACITE AND ANDROSITE
FLOWS AND TUFFS, LOCALLY AUTOMAGNETIC

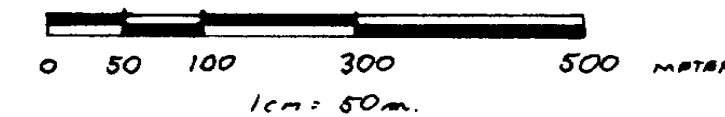
SYMBOL LIST

- BEDDING, STRIKE AND DIP
- FOLIATION
- JOINTING
- VEINS
- OUTCROP
- ADIT
- SHEAR
- GEOLOGICAL CONTACT (DEFINED, APPROX.)
- CLAIM BOUNDARY
- STREAM
- GLACIER
- TRAIL

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SCALE



STEFAN RESOURCES	
Mt. EVELYN	PROPERTY
SOUTH	SHEET
(MATUSS	AREA)
PROPERTY	GEOLOGY
D.L.K.	OCT. 83 1:5000 FIG. 4



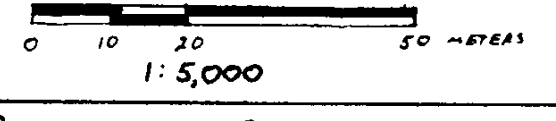
LEGEND

- 2b** POORLY SORTED COBBLE CONGLOMERATE
LOCALLY VERY PYRITIC MATRIX
- 2a** UNDIFFERENTIATED GRIT, PEBBLE CONG.,
SILTSTONE AND BLACK ARGILLITE.
- 1** UNDIFFERENTIATED ACID-INT.
VOLCANIC FLOWS AND TUFFS.

SYMBOL LIST

- OUTCROP
- BEDDING
- VEIN
- ADIT
- SHEAR
- SAMPLE LOCATION AND NUMBER
- STREAM

SCALE



SAMPLE #	DEPTH	Cu	Pb	Zn	Ag	Au
91253	1.37m				0.7	10
91254	1.0m				4.01	40.003
91280	6m	0.13	0.18	4.01	3.85	0.356
91281	.70m	0.03	0.10	0.01	1.86	0.109
91282	.35m	0.07	0.12	4.01	3.03	0.348
91283	.90m	4.01	0.01	4.01	0.11	0.008
91284	6m	0.04	0.11	4.01	8.75	0.480
91285	1.5m	33	152	410	15	25
91286	1.0m	50	123	4000	13	15
91287	0.7m	0.01	0.59	0.03	0.53	0.010
91288	0.9m	21	37	98	0.5	5
91255	0.76m				0.4	16

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STEFAN RESOURCES.

Mt. EVELYN PROPERTY
RIO GRANDE MINE AREA
SAMPLE LOCATION MAP