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SOIL GEOCHEMISTRY  
DELORAINE, JAZMINE, AND SILVER TIP FRACTION CLAIMS  
SLOCAN MINING DIVISION  
CODY, B.C.  
NTS 82 F/14 E  
LATITUDE 49°57'N, LONGITUDE 117°15'W

Owner/operator: J. Bennett / L. B. Goldsmith

Locke B. Goldsmith, P.Eng.  
Consulting Geologist

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

August 2, 1984

12,529

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SOIL GEOCHEMISTRY MAP

(Pocket inside  
back cover) /

SOIL GEOCHEMISTRY  
DELORAINÉ, JAZMINE, AND SILVER TIP FRACTION  
MINERAL CLAIMS  
SLOCAN MINING DIVISION  
CODY, B.C.

SUMMARY

Low geochemical values of lead and silver were obtained from soil sampling on the eastern portion of the Silver Tip Fraction claim. The remainder of the property except for the bottom of the creek valley should be covered with a soil geochemical survey at an estimated cost of \$3,000.

## INTRODUCTION

The Deloraine and Silver Tip reverted crown-granted mineral claims and the Jazmine staked mineral claim are located 2 km (1.2 mi) due south of the historic mining village of Cody, B.C., on the west slope of the valley of Cody Creek. The Silver Tip Fraction extends easterly across the southwest fork of Cody Creek and is adjacent to the formerly productive Leadsmith (Noonday) mine from which 371 tons containing 42% Pb and 44 oz Ag/ton were shipped (Cairnes, 1935, p. 64). Claim particulars are listed below:

<u>Name</u>	<u>Lot Number</u>	<u>Record Number</u>	<u>Date of Record</u>
Deloraine	3156	1711(2)	Feb. 7, 1980
Jazmine		2229(10)	Oct. 8, 1980
Silver Tip Fr.	4881	3107(8)	Aug. 5, 1982

Access is via paved road eastward from New Denver for 13 km (8 mi) to Three Forks, and thence southeasterly for 5 km (3 mi) on maintained gravel roads to Sandon. An ungraded gravel road continues for 2 km (1 mi) to Cody, and thence southerly for 2 km onto the property. A logging road crosses the eastern portion of the Silver Tip Fraction, and a steep road, now sloughed, crosses the northeast corner of the Jazmine claim en route to the Colonial Mine. Elevation ranges from 1525 m (5000') to 2044 m (6700').

Nothing is known of the early history of the claims. Shallow workings were noted previously in a report filed for assessment work (Goldsmith, 1981).

A total of 14 soil samples was analysed. Sampling was supervised and performed by the author. Approximately 0.8 km of grid were established.

## GEOLOGY

The claims are underlain by argillite of the Triassic-Jurassic Slocan sediments. Granitic float, possibly from the western edge of the Mt. Carlyle stock, was noted on the eastern portion of the Silver Tip Fraction.

# DELORAIN, JAZMINE and SILVER TIP Fr. MINERAL CLAIMS

## Cody, B.C SLOCAN M.D. NTS 82F / 14



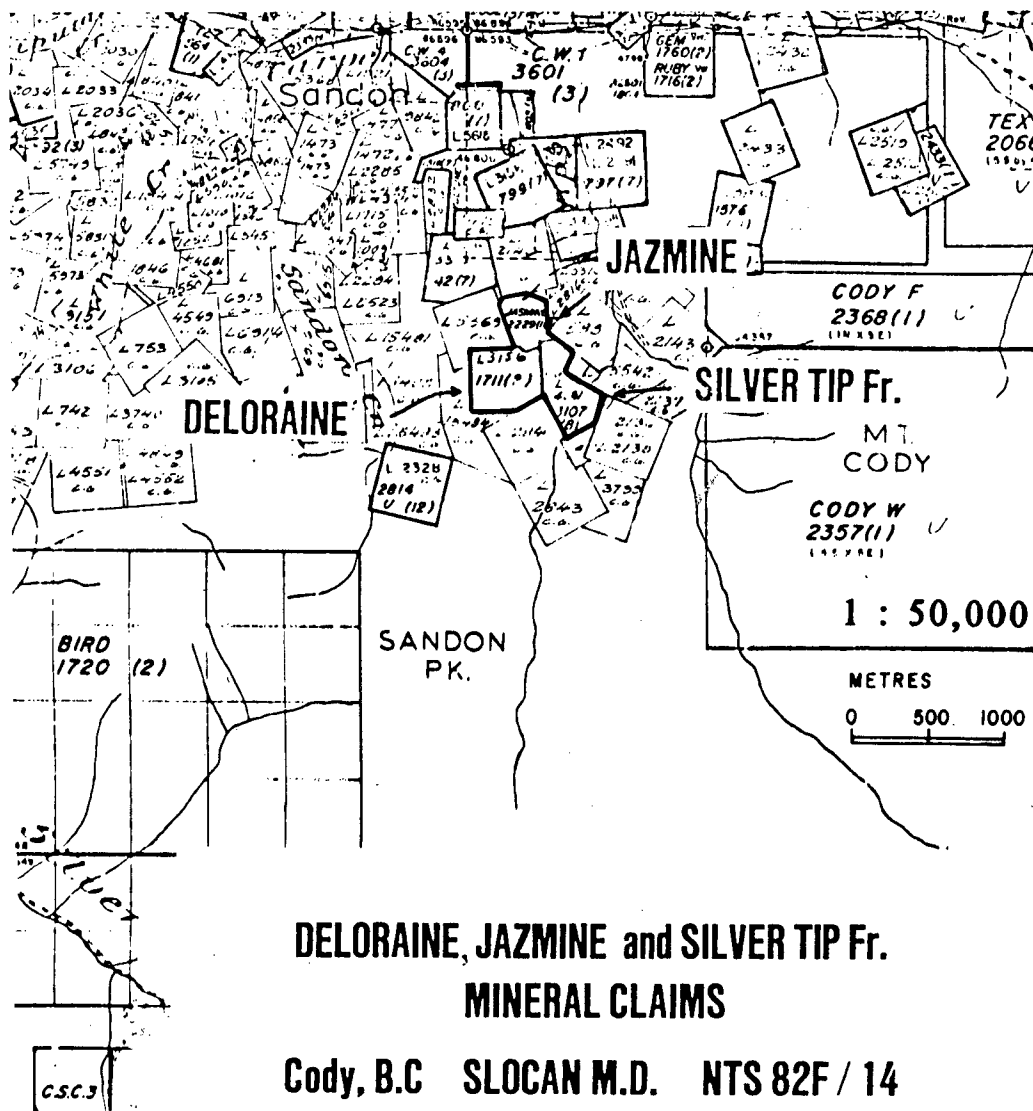
### LOCATION MAP

To accompany report by L.B. GOLDSMITH, P.Eng.

Consulting Geologist

ARCTEX ENGINEERING SERVICES August 1984

# CLAIM MAP



## DELORAINÉ, JAZMINE and SILVER TIP Fr. MINERAL CLAIMS

Cody, B.C SLOCAN M.D. NTS 82F / 14

To accompany report by L.B. GOLDSMITH, P.Eng.

Consulting Geologist

ARCTEX ENGINEERING SERVICES August 1984

## SOIL GEOCHEMISTRY

Base line for the grid was established east-west. Curvilinear crosslines, concave eastward, were established at 00 and 0+75 m W along the contour so as to stay out of the bottom of the valley where surficial material was obviously transported.

Too few samples were collected to establish statistical levels of background, threshold, and anomalous values. From experience gained during years of soil sampling in the Slocan sediments, the values obtained in the 1984 survey are background or low threshold. Samples at BL, 1+50 N (112 ppm Pb, 1.4 ppm Ag) and BL, 2+50 N (80 ppm Pb, 1.5 ppm Ag) should be checked by sampling on lines 25 m and 50 m upslope to the east. No old workings or sources of contamination were observed.

## CONCLUSIONS

Preliminary soil sampling has located only low values of lead and silver.

## RECOMMENDATIONS

Preliminary soil sampling should be continued over the balance of the claim, with a small amount of detail upslope (east) from line 00. Recommendations from the 1980 survey on the Deloraine and Jazmine claims remain valid.

## COST ESTIMATE

Approximately \$3,000 should be available to complete the soil geochemistry on the Silver Tip Fraction.

Respectfully submitted,



Locke B. Goldsmith, P.Eng.  
Consulting Geologist

Vancouver, B.C.

August 2, 1984

ENGINEER'S CERTIFICATE  
LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a Registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree from Michigan Technological University and have done postgraduate study in Geology at Michigan Tech, University of Nevada and the University of British Columbia. I am a graduate of the Haileybury School of Mines and am a Certified Mining Technician. I am a member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 25 years.
4. I have authored the report entitled "Soil Geochemistry, Deloraine, Jazmine, and Silver Tip Fraction Claims, Slocan Mining Division, Cody, B.C.", dated August 2, 1984. The report is based upon fieldwork and research supervised by the author.
5. I control, with associates, 100% interest in the property.
6. I consent to the use of this report in a prospectus or in a statement of material facts related to the raising of funds.

Respectfully submitted,



Locke B. Goldsmith, P.Eng.  
Consulting Geologist

Vancouver, B.C.

August 2, 1984



**REFERENCES**

Cairnes, C.E., 1935, Description of Properties, Slocan Mining Camp, B.C.;  
GSC Memoir 184.

Goldsmith, L.B., 1981, Soil Geochemistry, Deloraine and Jazmine Claims,  
Slocan Mining Division, Cody, B.C. Private report, filed for  
assessment work.

University of British Columbia, MINDEP Computer Files.

## ITEMIZED COST STATEMENT, 1984 PROGRAMME

## 1. Personnel

L.B. Goldsmith, July 23, 14, total 2 days @ \$360/day	\$720.00	
Gerald Bennett, July 23, total 1 day @ \$200/day	<u>200.00</u>	
	920.00	\$ 920.00

## 2. Transportation

4x4 vehicle, 1 day @ \$45/day	\$ 45.00	
56 km x \$0.30/km	16.80	
Gas	9.00	
Travel, Vancouver-Silverton, 800 km @ \$0.30/km, \$240, prorated @ $\frac{1}{4}$	<u>60.00</u>	
	130.00	130.00

## 3. Accommodation, Meals

2 man days, = \$18.85/man/day		37.70
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## 4. Analyses

14 samples, \$80.50 = \$5.75/sample		80.50
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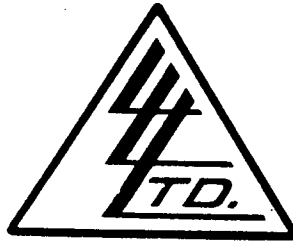
## 5. Report

Drafting, typing, prints, photo- copying, report materials		<u>375.28</u>
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TOTAL		\$1,544.28
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APPENDIX

To: L.B. GOLDSMITH  
 #301, 1855 Balsam Street  
 Vancouver, B.C., V6K 3M3  
 cc: L.B. Goldsmith - Silverton



File No. 26592  
 Date August 16, 1984  
 Samples Soil Samples  
 SERIES: ST

Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 1

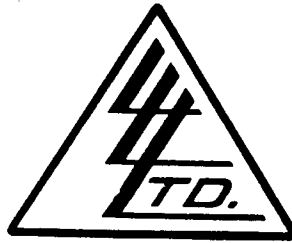
SAMPLE No.	PPB Au
ST-BL-00N	Nil
ST-BL-0+50N	Nil
ST-BL-1+00N	Nil
ST-BL-1+50N	Nil
ST-BL-2+00N	Nil
ST-BL-2+50N	25
ST-BL-3+00N	Nil
ST-0+75W-0+00N	Nil
ST-0+75W-0+50N	Nil
ST-0+75W-1+00N	Nil
ST-0+75W-1+50N	Nil
ST-0+75W-2+00N	Nil
ST-0+75W-2+50N	Nil
ST-0+75W-3+00N	Nil

**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

.....  
 Assayer

To: L.B. GOLDSMITH  
 #301, 1855 Balsam Street  
 Vancouver, B.C., V6K 3M3  
 cc: L.B. Goldsmith - Silverton



File No. 26592  
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Certificate of  
**ASSAY** of  
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Page # 2

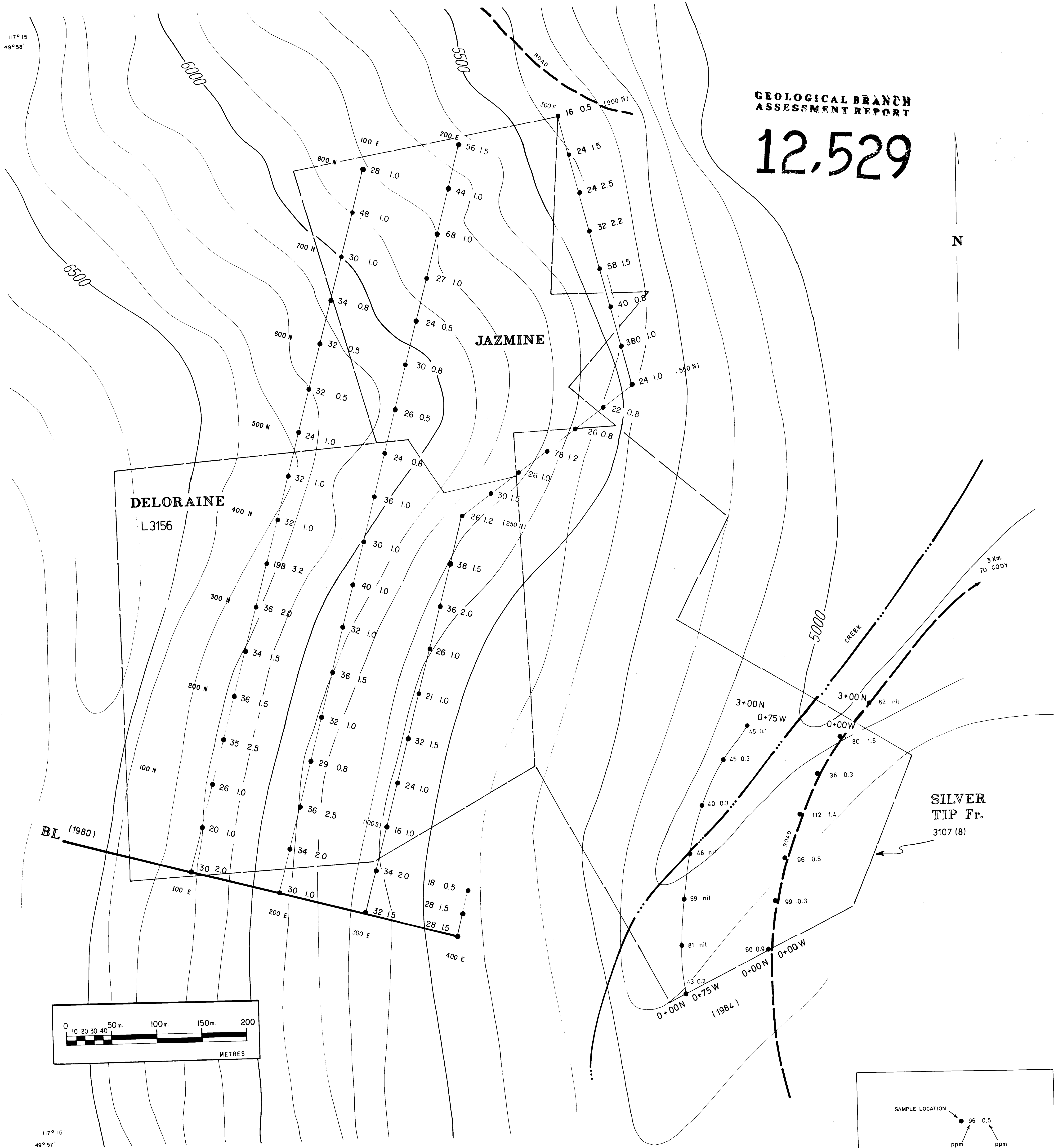
SAMPLE No.	PPM Pb	PPM Ag	PPM As
ST-BL-00N	60	.9	7
ST-BL-0+50N	99	.3	14
-1+00N	96	.5	29
-1+50N	112	1.4	22
-2+00N	38	.3	4
-2+50N	80	1.5	1
-3+00N	62	Nil	6
ST-0+75W-0+00N	43	.2	25
-0+50N	81	Nil	6
-1+00N	59	Nil	26
-1+50N	46	Nil	4
-2+00N	40	.3	5
-2+50N	45	.3	5
-3+00N	45	.1	3

**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

.....  
 Assayer

117° 15'  
49° 58'



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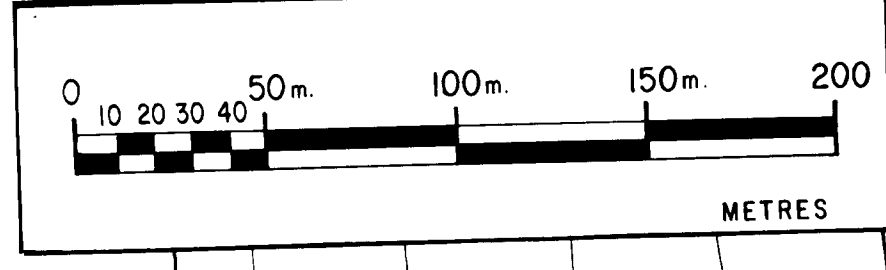
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DELORAINE  
L3156

JAZMINE

SILVER  
TIP Fr.  
3107 (8)

BL (1980)



117° 15'  
49° 57'

### GEOCHEMISTRY

of the DELORAINE, JAZMINE and SILVER TIP Fr.  
MINERAL CLAIMS

To accompany report by L.B. GOLDSMITH, P.Eng.  
Consulting Geologist

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