

85-1091-15137

12/6

MAGNETIC SURVEY
LAKESIDE AND LAKESIDE FRACTION MINERAL CLAIMS
SLOCAN MINING DIVISION
ZINCTON, B.C.
NTS 82 K/3 E
LATITUDE 50°03'N, LONGITUDE 117°12'W

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,137

Locke B. Goldsmith, P.Eng.
Consulting Geologist

December 5, 1985

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MAGNETIC SURVEY
LAKESIDE AND LAKESIDE FRACTION MINERAL CLAIMS
SLOCAN MINING DIVISION
ZINCTON, B.C.

SUMMARY

An orientation magnetic survey which was planned to search for possible pyrrhotite-bearing structures similar to those which were mined for lead-zinc-silver on the Lucky Jim property did not locate targets. The claims should be geologically mapped and soil sampled at an estimated cost of \$7500.00.

INTRODUCTION

The Lakeside and Lakeside Fraction mineral claims are situated at Zincton summit and the northern slope of the pass on Highway 31A between New Denver and Kaslo, B.C. A dirt road departs northerly from Highway 31A near the southeastern corner of the Lakeside claim and climbs through the central part of the property. Elevations range from 1083 m (3550') to 1615 m (5800').

<i>Claim Name</i>	<i>Record Number</i>	<i>Number of Units</i>	<i>Record Date</i>
Lakeside	4558(12)	8	December 5, 1984
Lakeside Fr.	4559(12)	1	" " "

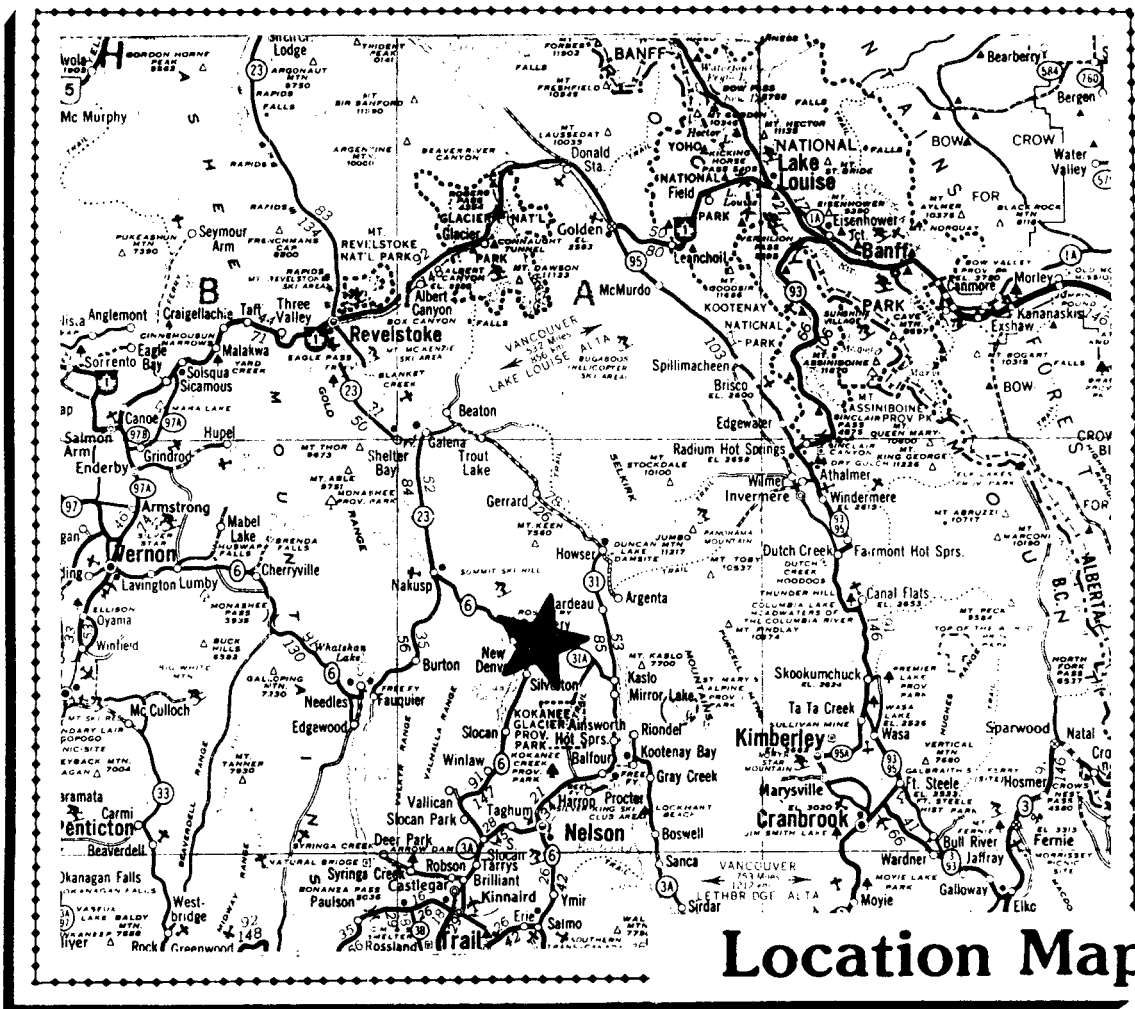
No history is available concerning previous exploration of the claims. The Lucky Jim mine, approximately 1 km to the south, was one of the larger producers in the district. MINDEP computer files of the University of British Columbia list the output as follows:

<i>Short Tons</i>	<i>Ag oz/ton</i>	<i>Pb %</i>	<i>Zn %</i>
174,190	0.508	0.34	7.83

GEOLOGY

The claims are underlain by argillite and possibly limestone of the Triassic-Jurassic Slocan Group. Thrust faulting and folding have produced diverse bedding attitudes, although the prevalent strike is northwesterly.

Productive zones at the Lucky Jim mine have been mined to widths of 50 feet or more in limestones where replacement has occurred adjacent to north-easterly trending, steeply dipping fractures. Mineralization consists of pyrite-sphalerite-galena with subordinate pyrrhotite and arsenopyrite (Cairnes, 1935, p. 73). A projection of these fractures to the northeast could pass through the eastern part of the Lakeside claim.

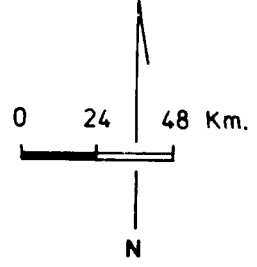


4558 (12) 4559 (12)

LAKESIDE & LAKESIDE FR. MINERAL CLAIMS

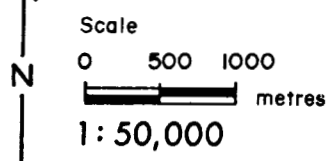
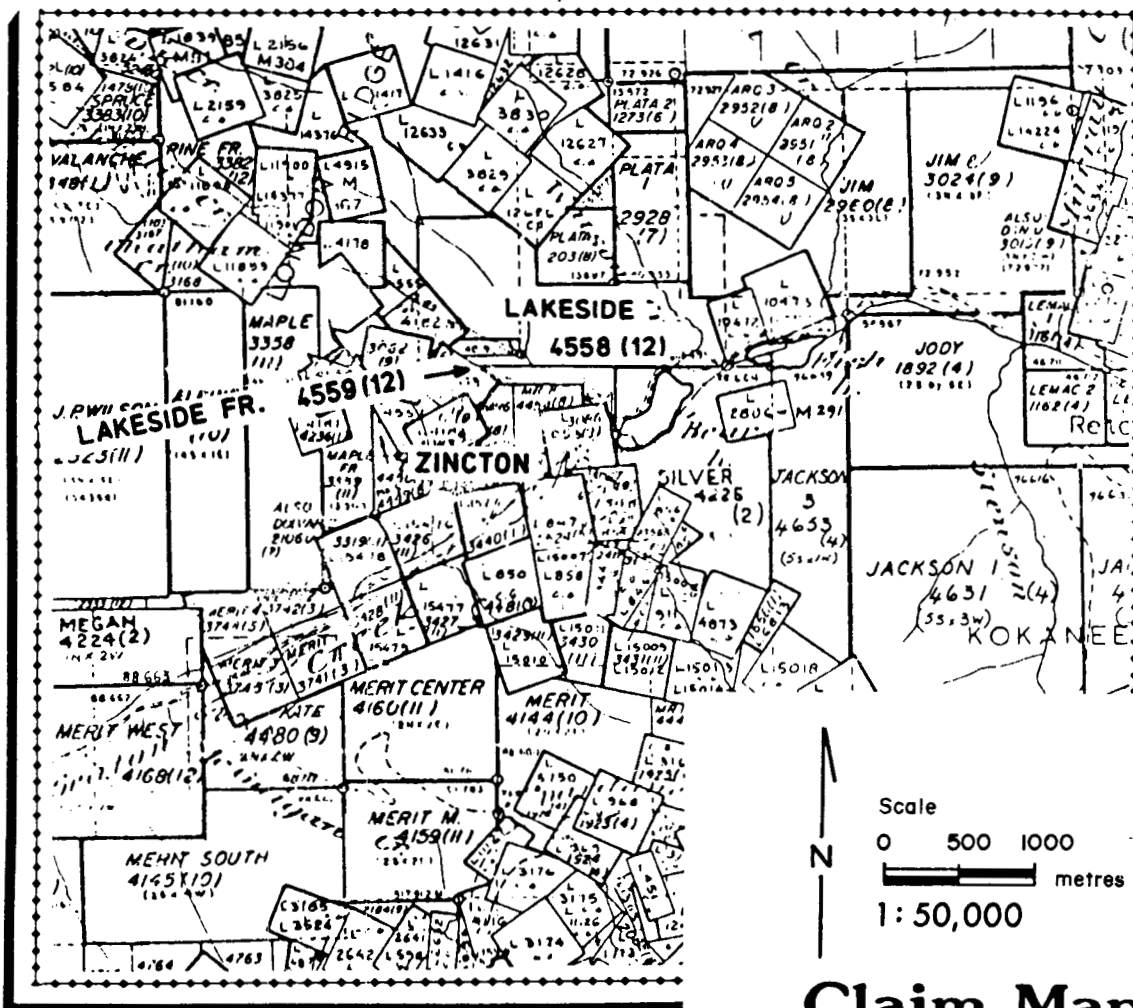
ZINTON B.C. SLOCAN MINING DIVISION N.T.S. 82K-3E

TO ACCOMPANY REPORT BY
 LOCKE B. GOLDSMITH, P.Eng., CONSULTING GEOLOGIST,



117°12'

50°03'



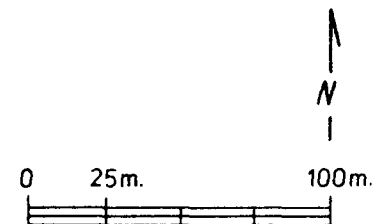
Claim Map

4558 (12) 4559 (12)

LAKESIDE & LAKESIDE FR. MINERAL CLAIMS

ZINTON B.C. SLOCAN MINING DIVISION N.T.S. 82K-3E

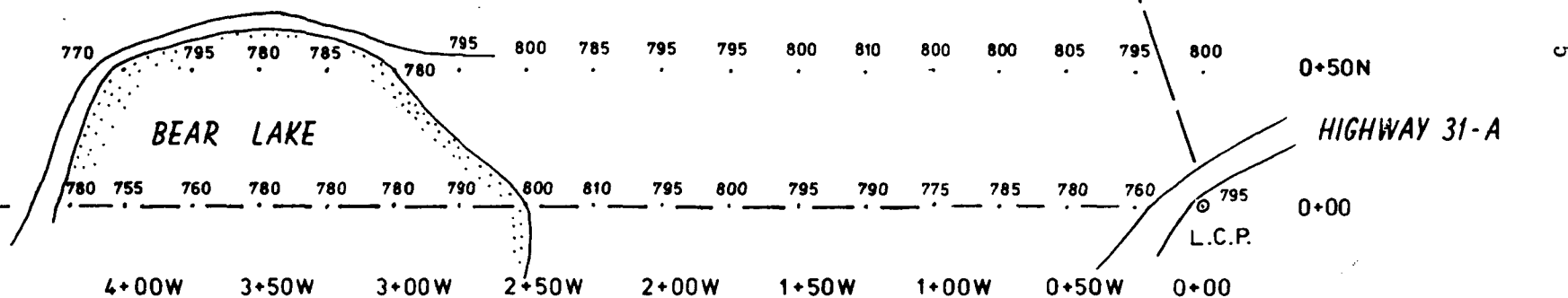
TO ACCOMPANY REPORT BY
 LOCKE B. GOLDSMITH, P.Eng., CONSULTING GEOLOGIST.



MAGNETIC SURVEY

1: 2500

OLD RAILROAD GRADE



LAKESIDE CLAIM 4558 (12)

ZINCTION B.C. SLOCAN MINING DIVISION. N.T.S. 82K-3E

L. Goldsmith

INSTRUMENT USED: SHARPE MF-1 FLUXGATE MAGNETOMETER

BASE STATION: 17,795 gammas (17000 gammas subtracted from all readings)

TO ACCOMPANY REPORT BY
 LOCKE B. GOLDSMITH, P.Eng.
 CONSULTING GEOLOGIST

DECEMBER 1985

MAGNETIC SURVEY

A grid was started at the LCP of the Lakeside claim; lines were established east-west 50 metres apart, with stations at 25-metre intervals. Approximately 1 km of grid was prepared. A Sharpe MF-1 fluxgate magnetometer was used to measure vertical field. The base station used for the survey is at 0+00N 0+00W. A reading of 17,795 gammas was obtained. All data shown on the magnetic map are reduced by 17,000 gammas. There was no measurable diurnal.

Object of the survey was to attempt to locate magnetic highs which might be related to pyrrhotite in northeasterly trending structures, and thus be suggestive of a target of the Lucky Jim type. No significant variations were measured in the area of interest and the survey was abandoned after two lines had been completed. Results were not contoured because the differences are not considered to be meaningful.

CONCLUSIONS

Possible extensions of mineralized zones were not indicated by the magnetic survey.

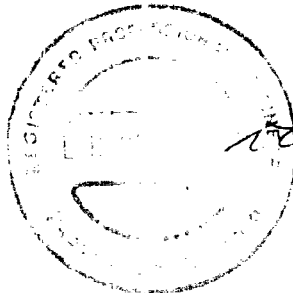
RECOMMENDATIONS

Portions of the property on the northern slopes above valley fill should be covered with a grid, mapped geologically, and soil sampled.

COST ESTIMATE

A budget of \$7500 should be available to complete the recommendations.

Respectfully submitted,



Locke B. Goldsmith

Locke B. Goldsmith, P.Eng.
Consulting Geologist

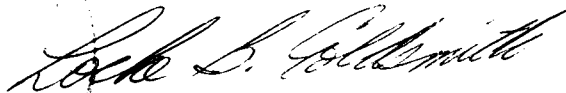
Vancouver, B.C.
December 5, 1985

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 in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. 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 27 years.
4. I have authored the report entitled, "Magnetic Survey, Lakeside and Lakeside Fraction Mineral Claims, Slocan Mining Division, Zincton, B.C.", dated December 5, 1985. The report is based upon fieldwork and research supervised by the author.
5. I own, with associates, 100% of 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.

December 5, 1985

REFERENCES

Cairnes, C.E. 1935. Description of properties, Slocan Mining Camp, B.C.
GSC-Memoir 184.

University of British Columbia. MINDEP Computer Files.

COST STATEMENT, 1985 PROGRAMME

Personnel:

L.B. Goldsmith, Nov. 30, $\frac{1}{2}$ Dec. 2, $\frac{3}{4}$ 4, $\frac{1}{4}$ 5, total $2\frac{1}{2}$ days @ \$400/day	\$1,000.00	
G. Bennett, $\frac{1}{2}$ Dec. 2 @ \$220/day	<u>110.00</u>	
	\$1,110.00	\$ 1,110.00

Food, Accommodation:

Total \$105.38 \div 3 man days = \$35.13/man/day	105.38
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Transportation:

4x4 vehicle, 2 days @ \$45/day	\$ 90.00	
1480 km @ \$0.30/km, Vancouver- property-Vancouver	444.00	
Gas	<u>114.25</u>	
	\$648.25	648.25

Magnetometer Rental:	75.00
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Report:

Drafting, prints, typing, photocopying, materials	<u>176.10</u>
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TOTAL:	\$ 2,114.73
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