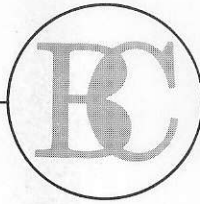


REPORT on the 673531
SGL CLAIMS
KAMLOOPS MINING DIVISION, B.C.
for
GEO-DYNE RESOURCES LTD.
by: W.R. Bacon, Ph.D, P.Eng.
May 5, 1972.



BACON & CROWHURST LTD.

1720-1055 West Hastings Street
Vancouver 1, B.C.

REPORT

on the

SGL CLAIMS

KAMLOOPS MINING DIVISION, B.C.

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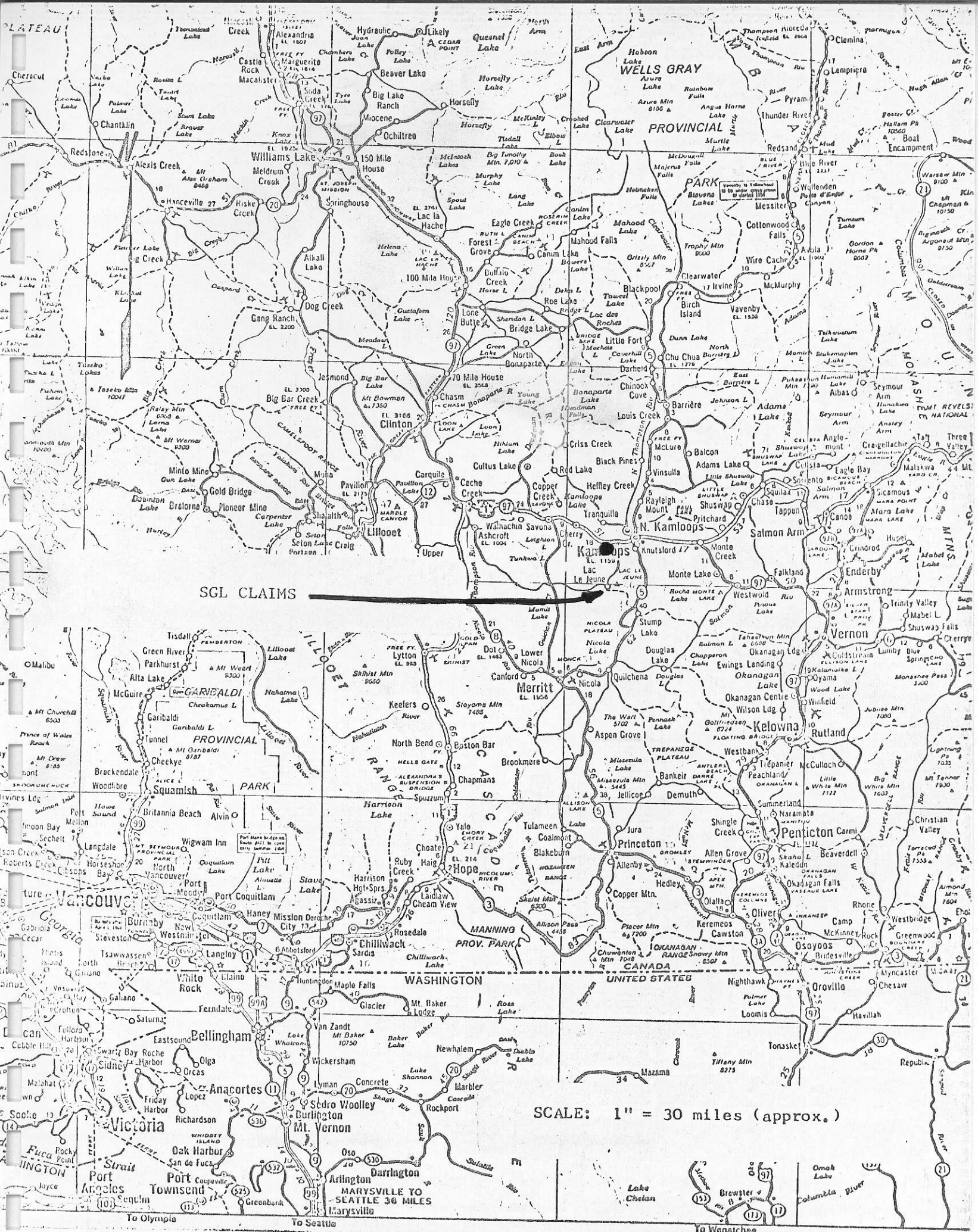
GEO-DYNE RESOURCES LTD.

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W.R. BACON, Ph.D, P.Eng.

Vancouver, B.C.

May 5th, 1972



SGL CLAIMS

SCALE: 1" = 30 miles (approx.)

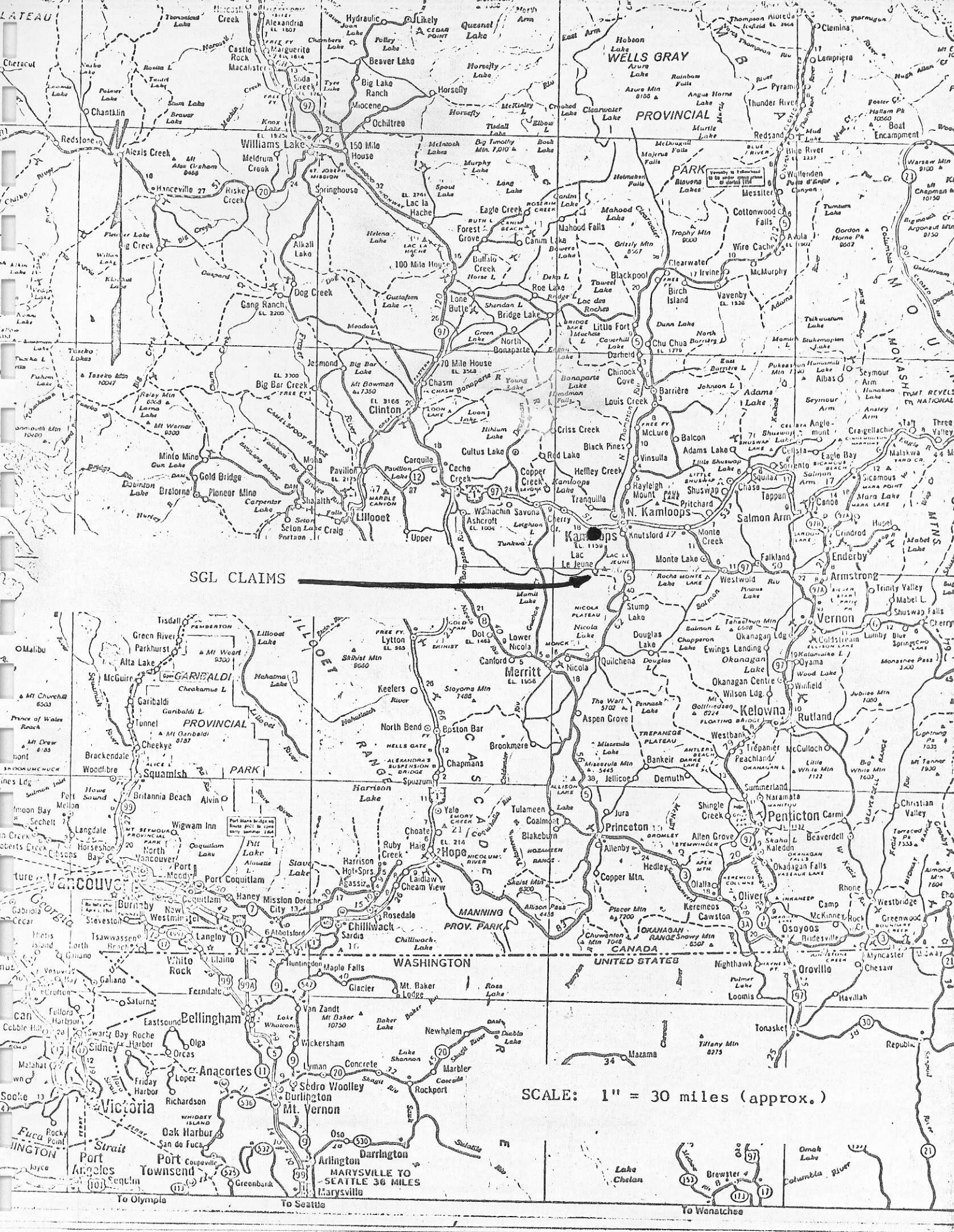


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ILLUSTRATION

Location Map - SGL Claims -
Scale: 1" = 30 miles (approx.)

Frontispiece

INTRODUCTION

The location of the SGL claims is 18 miles South 30 degrees West of Kamloops. They are about 3 miles southwest of the west end of Lake Le Jeune.

The writer visited the claims on May 3rd, 1972. It was his intention to approach the claims on foot from the northeast, from the west end of Lake Le Jeune, but this was thwarted by the management of the lodge located there. Consequently, the writer drove about 4 miles south of the Lake Le Jeune cut-off, on the Logan Lake road, and then headed east on foot to the SGL claims. Mr. D. Gibbons, the staker, served as guide.

The claims form an L-shaped group, 36 in number; 18 lie on either side of an E-W location line and the other 18 project south in an irregular group from the east end of the aforementioned location line.

At the west end of the claim group, the writer examined a post on which were affixed 2 tags with the following information:

328671M
I.P. SGL #1
Staked April 29, 1972
By D. Gibbons
Agent for W.G. Kanke

323042M
I.P. SGL #2
Staked April 29, 1972
By D. Gibbons
Agent for W.G. Kanke

The claims are just southeast of Meadow Creek on the west slope of Ridge Mountain - at a general elevation of 4000 to 4500 feet. The forest in the vicinity is composed of rather dense jackpine and spruce but much of the claims area has been burned over, leaving an awful mess of down timber.

GEOLOGY

Very little outcrop was seen on the property, particularly at the west end. About 100 feet east of the Initial Posts for SGL 1 and 2 is a large float of Nicola greenstone and it is probable that much of the western section of the property is underlain by this rock.

The Nicola group is of Triassic age, is predominantly volcanic, but also contains rocks of sedimentary origin.

All the Nicola floats seen on the property are of volcanic type. Characteristically they vary from place to place but basalt and andesite are the most common rocks. They are red, green or gray in colour, are commonly chloritized and contain epidote, either as disseminations or veinlets.

In the vicinity under consideration the Nicola rocks occupy a large area between the Guichon and Nicola batholiths. Near Merritt, these rocks contain the Craigmont copper deposit and, near Princeton, they contain the new Similkameen Copper deposit.

The eastern part of the SGL claim group is underlain by rocks of the Nicola batholith. This body of rock consists essentially of granodiorite and quartz diorite. In places the batholithic rocks have a pronounced gneissic aspect along their outer margin and this would appear to be so on the eastern part of the SGL property.

With regard to mineralization, none is known on the property but, then, no concerted search has been undertaken. The Nicola rocks should be regarded as favourable, as they are elsewhere in this part of B.C., at least pending an exploration program.

A perusal of Aeromagnetic Map 5212G, Mamit Lake, indicates a magnetic anomaly in the northeastern corner, south of the west end of Lac Le Jeune. This 'high' trends S.30°W and is 2 miles long. Some part of it would appear to cross the SGL property. Its significance, particularly with respect to possible mineralization, is unknown at present.

RECOMMENDATION

In a situation such as the SGL property, there are certain standard exploration procedures that should be carried out to ascertain whether a more extensive program is warranted. These procedures consist of linecutting, a ground magnetometer survey, and soil sampling.

COST ESTIMATE

Linecutting, 35 miles at \$150/line mile	\$5250
Magnetometer survey	1500
Soil survey	2500
Supervision, geology, engineering	1500
Vehicle rental	<u>500</u>
	\$11,250
Contingencies, say 10%	<u>1,125</u>
	<u>\$12,375</u>

Respectfully submitted,

BACON & CROWHURST LTD.



W.R. Bacon, Ph.D, P.Eng.



CERTIFICATE

I, William R. Bacon, with business address at
1720 - 1055 W. Hastings St., Vancouver, 1, British Columbia,
DO HEREBY CERTIFY THAT:

1. I am a consulting geological engineer.
2. I am a graduate of the University of British Columbia with B.A.Sc. (1939) and M.A.Sc. (1942) degrees in Geological Engineering.
3. I am a graduate of the University of Toronto with a Ph.D (1952) degree in Economic Geology.
4. I have practised my profession for thirty years in Canada, South America and Australia. During the past twenty years, the majority of my time has been spent in British Columbia; it includes seven years (1949-56) as geologist with the B.C. Department of Mines.
5. I have personally examined the SGL claims in the Kamloops area of British Columbia.
6. I have no interest, direct or indirect, in the property nor do I expect to acquire any such interest.



W.R. Bacon, Ph.D, P.Eng.

Vancouver, Canada.
May 5th, 1972.