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**REPORT ON THE
ANGELA 1-4, LAKESIDE 1-4,
MELINDA 1-4 and WHISKEY 1 & 2
CLAIMS FOR
SNOWLINE MINERAL EXPLORATION LTD.
NTS 92E/9 92F/12**

Vancouver, B.C.

July 20, 1984

Robert Helgason, Project Geologist

OreQuest Consultants Ltd.

SUMMARY

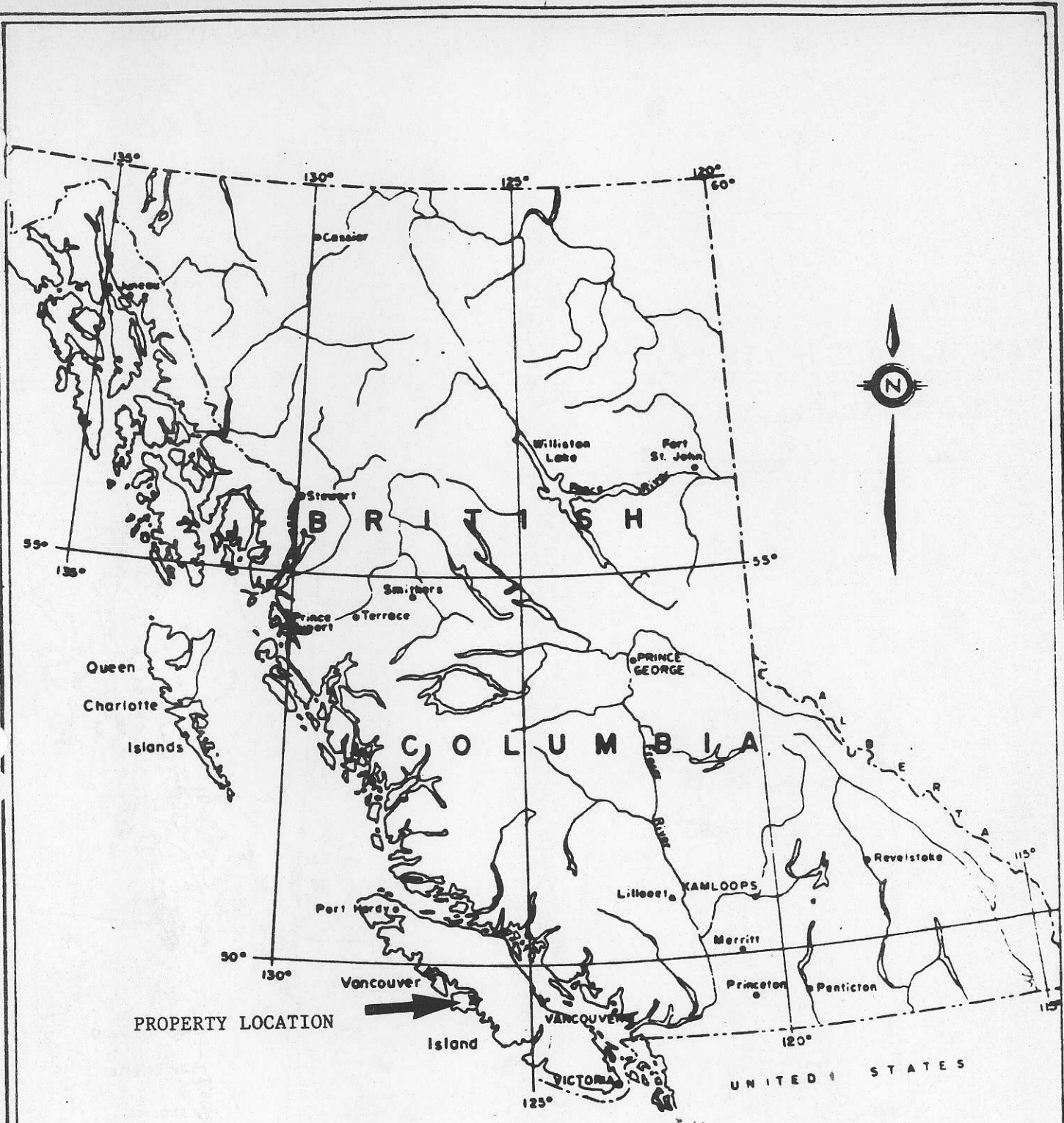
All claims are owned by Snowline Mineral Exploration Ltd. who have a 100% interest in the claim blocks.

The properties are located 100 kilometers west of Campbell River, B.C. The nearest town to the claims is Gold River which is accessible via Highway #28 from Campbell River, access is then by helicopter to the property.

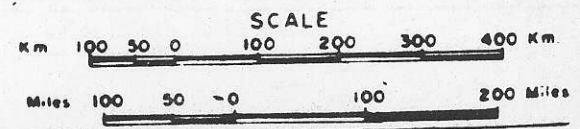
The claims appear to be underlain by predominantly two rock types; basaltic volcanics of Upper Triassic age and intrusive granodiorites of Lower Jurassic age. Block faulting is the dominant structural feature.

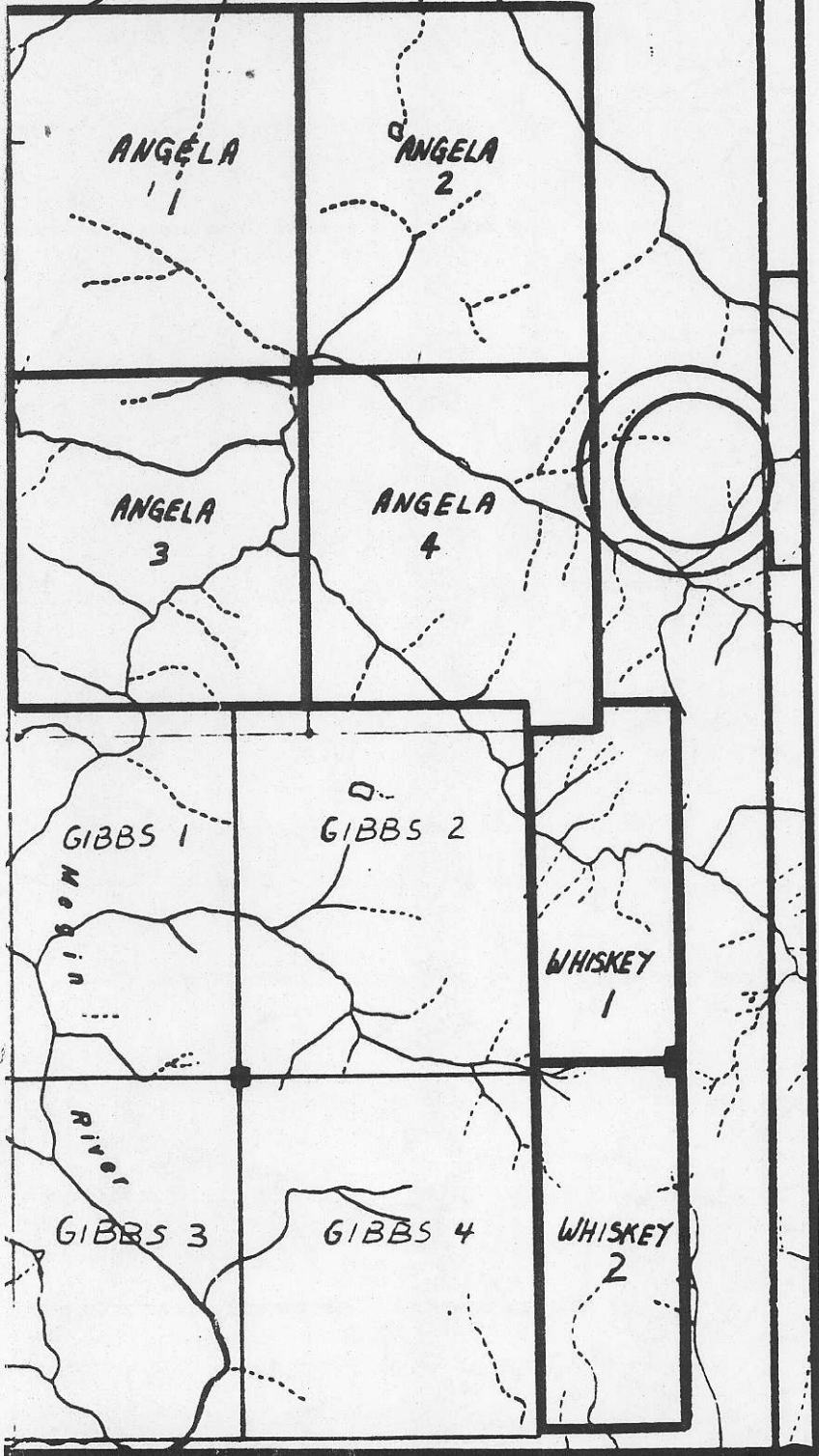
There is no record of previous exploration on any of the properties.

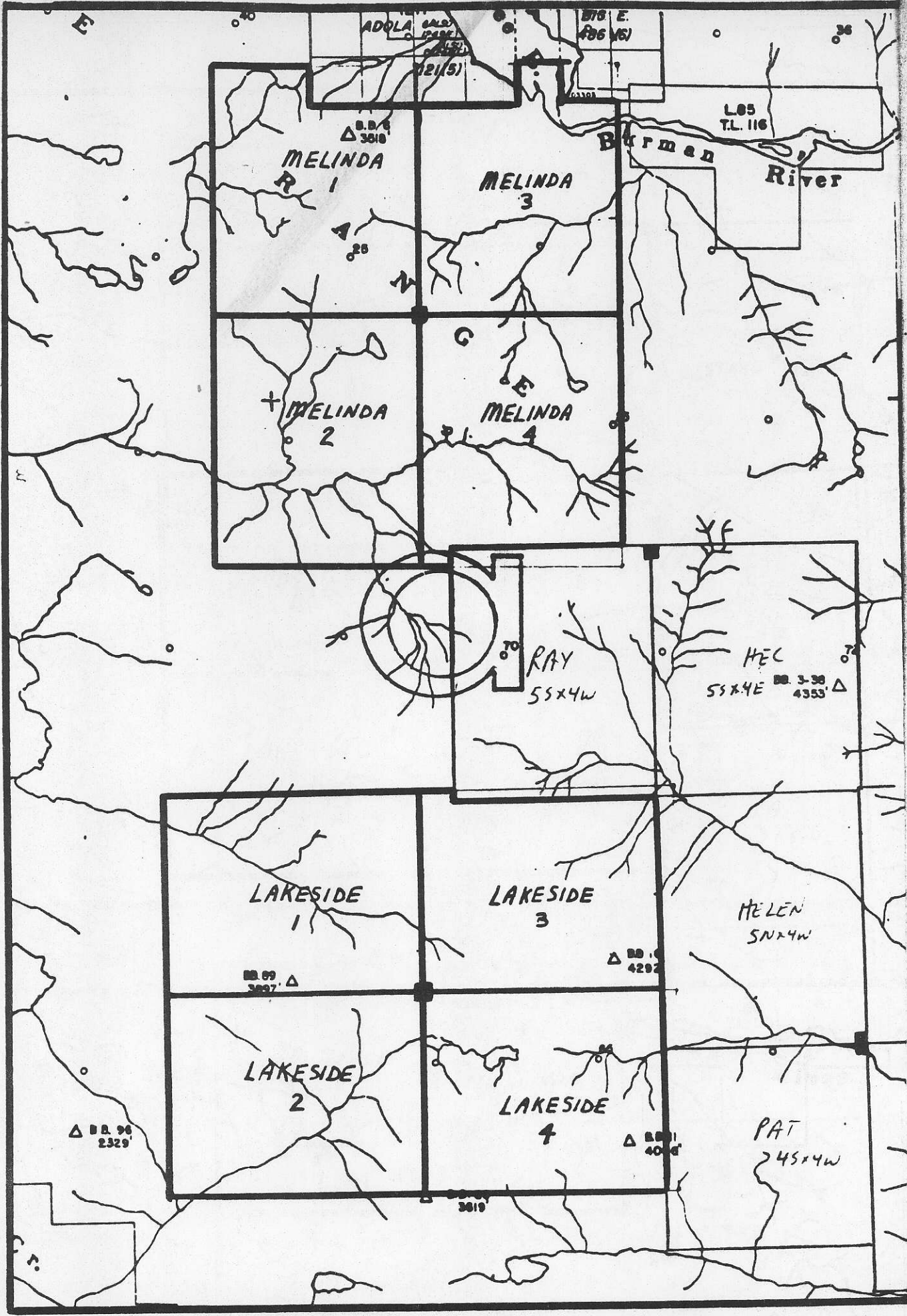
These areas has have been staked on the basis that there are several environments to host mineralization. The intrusive bodies are indicative of possible skarn and vein mineralization. A mineralized chert sample with good gold assays found in the Megin River earlier this year could also be indicative of a sedimentary stratabound gold bearing horizon.



PROPERTY LOCATION MAP







ADOLA

B78 E.
436 (6)

121(5)

L05
TL. 116

B.D. 4
3018

MELINDA
1

MELINDA
3

Burman
River

MELINDA
2

MELINDA
4

RAY
55x4W

HEC
55x4E B.D. 3-30
4353

LAKESIDE
1

LAKESIDE
3

HELEN
5N x 4W

B.D. 09
3007

B.D. 10
4292

LAKESIDE
2

LAKESIDE
4

PAT
245x4W

B.D. 96
2329

B.D. 01
4016

3018

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Robert Helgason, Project Geologist

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INTRODUCTION

Messrs. R. McLachlan and S. Nicholls of Snowline Mineral Exploration Ltd. requested the author to prepare a geological assessment of the claims as to their potential to carry a deposit of economic significance.

The Angela 1-4 claims were inspected by the author July 7 & 8, 1984, while the Lakeside 1-4, Melinda 1-4 and Whiskey 1 & 2 have not been subject to field inspection. The Gibbs claims immediately to the south of the Angela claims were also inspected by the author on June 25, 1984. The content of this report is from these property examinations and from government publications listed in the bibliography.

PROPERTY INFORMATION

The Angela 1-4 claims consist of four contiguous 20 unit blocks all with a common Legal Corner Post. The claims were staked July 6, 1984. The Lakeside 1-4 claims are also four contiguous 20 unit blocks with a common Legal Corner Post, as are the Melinda 1-4 claims. The Lakeside and Melinda claims were staked July 7, 1984. The Whiskey 1 & 2 claims are both 10 unit blocks with a common Legal Corner Post, these were staked July 8, 1984. The owners of all the above claims are Messrs. R. McLachlan and S. Nicholls. Figure 2 shows the location of the claim blocks. The claims are located in the Alberni Mining Division of British Columbia, NTS 92F/12 and 92 E/9.

LOCATION and ACCESS

All the claim blocks lie south of Gold River, B.C. near the west coast of Vancouver Island. The Melinda claims are approximately 20 kilometers and the Lakeside and Whiskey claims are about 28 kilometers from Gold River.

The area of the claims is bounded by the Burman River on the north, Megin Lake on the south and Strathcona Provincial Park on the east.

Access is best provided by helicopter from either Gold River a 15 minute flight or Tofino (45 kilometers) a 1/2 hour flight south of the claims. Boat access from the Gold River marina to the northeast corner of the Melinda claim block is also possible.

PHYSIOGRAPHY and VEGETATION

The claim blocks lie within the rugged western part of the Insular Mountains. The area consists of high mountains, steep river valleys, abundant cliffs and heavy vegetation. Some ridge tops on the claims reach barren alpine terrain where heavy snowfall lingers well into July. The lower ridges of the claims are subject to heavy amounts of rainfall.

Elevations on Lakeside 1-4 range from 200 metres to 1,480 metres. On Melinda 1-4 the range is from sea level up to 1,200 metres and on Whiskey 1 & 2 from 240 metres up to 1,400 metres.

Below treeline vegetation consists of mature forest consisting of predominantly cedar, hemlock and fir. Undergrowth is thick and in creek valleys

is often a tangle of devils club. A mat of moss often covers all ground surfaces including rock outcrops.

GEOLOGY

Two rock types underlie the claims, Karmutsen volcanics and granitoid rocks known as the Island Intrusions. The Karmutsen volcanics are a sub-division of the Vancouver group, which is the most extensive geological group found on Vancouver Island. The Karmutsen is in turn the thickest formation of this group. The formation is estimated to be between 4,500 and 6,000 metres thick east of Tahsis, B.C. Dated as Triassic in age, the Karmutsen is comprised of three parts, a lower part of pillow lavas 2,450 to 2,750 metres thick, a middle part of pillow breccias and aquagene tuffs 600 to 900 metres thick and an upper part of basaltic flows, with minor sedimentary intercalations, 2,750 to 3,050 metres thick.

Intruded into the Karmutsen are granitoid batholiths and stocks of Jurassic age termed the "Island Intrusions". The composition ranges from granodiorite to quartz diorite to granite.

Field inspection of the Angela claims showed a preponderance of granodiorite. The ridge which runs diagonally through Angela 4 appears composed entirely of granitics except in the southeastern corner where a mix of volcanic and granitic material suggestive of a contact zone occurs. A traverse up the hillside west of the Legal Corner Post also delineated another area of granodiorite. The southern half of the Angela claims are mapped by the GSC as Karmutsen volcanics, however field inspection indicates that the intrusive rocks

are more extensive than previously mapped. It is possible the contact between the two units cuts through the southern part of Angela 3 & 4.

The Whiskey 1 claim is mapped as predominately granitoid rocks while the Whiskey 2 is shown as mainly basalt, with the contact zone running through both claims.

Granitoid rocks cover most of the Melinda claims, with Karmutsen volcanics in fault contact at both the north and south edges of the claims. The north edge of the Melinda 1 & 3 claims is adjoining the Adola claims which have a history of sporadic assessment exploration back to 1939. Records indicate a quartz vein in a shear zone that reported good gold grades, but low tonnages. The Adola claims are presently owned by the Adola Mining Corporation.

Lakeside 1 & 2 claims are mapped as granitoid rocks while 3 & 4 are Karmutsen basalts. A contact between the units runs roughly north-south through the center of the claim block.

CONCLUSIONS and RECOMMENDATIONS

Potential mineralization on the properties could be of several natures. A gold bearing float sample, found south of the Angela claims in the Megin River was a bedded chert with abundant pyrite, the source of which has not yet been found. Gold deposits of this type could be syngenetic in origin and possibly stratabound in nature. Quartz veining is fairly common through the area and the possibility of mineralized veins exists. The abundance of faults and shear zones within close proximity of intrusive bodies provide a good conduit and

localizing phenomena for potential mineralized fluids. Contact zones where the younger granatoid rocks intrude the Karmutsen volcanics are possible areas of skarn mineralization.

Exploration on the properties should initially consist of detailed prospecting with particular emphasis placed on contacts and fault zones. Geological mapping would also be useful as the field inspection showed a discrepancy between GSC mapping and the units found on the ground.

A careful look at the northern part of the Melinda claims along strike from the silicified and mineralized shear zone found on the Adola claims is warranted in the hope of discovering possible extensions or similar occurrences.

QUALIFICATIONS

I, Robert Helgason, of #4-1306 Bidwell Street, Vancouver, British Columbia
hereby certify:

1. I am a graduate of the University of British Columbia (1980) and hold a BSc.
degree in geology.
2. I am presently employed as a project geologist with OreQuest Consultants
Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies for the
past five years.
4. Neither OreQuest Consultants Ltd. nor myself have direct or indirect
interest in the properties described nor in Snowline Mineral Explorations
Ltd.
5. This report may be used by Snowline Mineral Explorations Ltd. for all
corporate purposes and including any public financing.

Robert Helgason

Robert Helgason
Project Geologist

DATED at Vancouver, British Columbia, this 20th day of July, 1984.

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