GEOLOGICAL REPORT

Soo #1 Mineral Claim

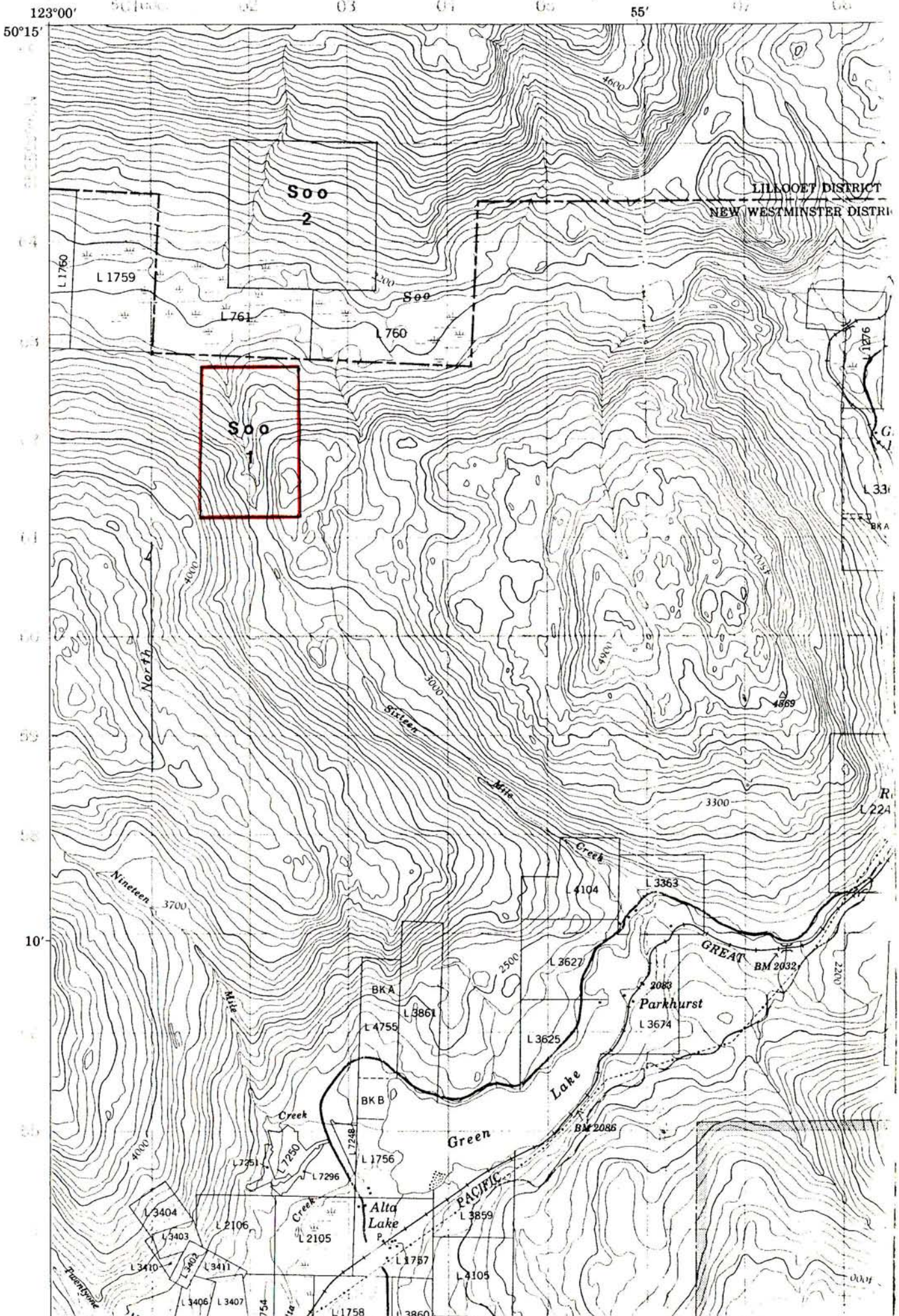
Record No. 112

Whistler Area

Vancouver Mining Division

John McGoran, B.Sc.
November, 1977.

TABLE OF CONTENTS


123°00′
55′
50°15′
10′
Soo 2
Soo 1
Soo
LILLOOET DISTRICT
NEW WESTMINSTER DISTRI
L 1759
L 1760
L 761
760
L 1279
L 336
BKA
4600
4000
3700
3300
3000
2500
2200
4869
North
Sixteen
Mile
Creek
Nineteen
L 4104
L 3363
L 3627
GREAT
BM 2032
2089
Parkhurst
L 3674
BKA
L 3861
L 4755
L 3625
BKB
Lake
Green
BM 2086
Creek
L 7248
L 7250
L 7251
L 7296
L 1756
PACIFIC
L 3859
Alta Lake
L 3404
L 3403
L 3402
L 3410
L 3411
L 2106
L 2105
L 1757
L 4105
L 3406
L 3407
L 1758
L 3860
Twentyone

Location and Access

One km east of Emerald Estates, a subdivision of Whistler, a disused logging road follows Sixteen Mile Creek to the source. From here the road traverses Soo #1 claim eight km north of Whistler Post Office.

Establishing Grid and Elevations

From mid-September to mid-October the writer was assisted at times by A. White, D. Giffen and R. Giffen in establishing a grid by cutting lines, slope chaining and establishing elevations with chain and clinometer.

Lines on the grid are spaced at 400 ft. (121.9 metres), and the intervals along the lines, as well as the elevations, are marked at 100 ft. (30.5 metres) intervals.

General Geology

Soo #1 claim is underlain by a roof pendant within the Coast Plutonic Complex. The rocks within this roof pendant consist largely of meta volcanic strata[1] of probable Lower Cretaceous age, which are dominantly andesitic and dacitic volcaniclastics which, as a result of regional metamorphism, are now greenschists.

Detailed Geology

The writer with the assistance of E. Outram and

M. Sandford mapped the geology on the Soo #1 claim.

Areas of outcrop were outlined, stratigraphy schistosity, rock type and pyrite content were noted.

Metamorphic Rocks

Equal sericite and chlorite content in the rocks was used as the colour index which divided dacite from andesite in the volcanic assemblage.

Pyroclastics in most instances were identifiable only on the weathered surface. Some tuffs are very fine grained and contain phenocrysts which gives them an appearance similar to and possibly indistinguishable from volcanic flows.

Schistosity and fragment elongation is to the north-west sub-parallel to the bedding.

Un Metamorphosed Rocks

Minor basalt dykes are present which may be part of the Garibaldi Group.

John McGoran, B.Sc.

QUALIFICATIONS

1. I graduated from Carleton University in 1972 with a B.Sc. in geology.

2. I spent twelve years prospecting for economic minerals prior to 1972.

3. I have supervised four joint ventures which were financed by major mining companies.

4. I have practised as a geologist for the past six years.

John McGoran, B.Sc.

REFERENCES

1. Woodsworth, G.J., 1977 Geology map sheet (92J) Pemberton.

COST STATEMENT

Geological and Line Cutting Report

Record No. 112.

Soo 1 Mineral Claim

11.7 km of line cut, chained and elevations established by:

A. White, D. Giffen and R. Giffen

for a total of 14 man days between mid-September and mid-October, 1976

14 man days @ $60/day	840 . 00
Geologist J. McGoran 5 days @ $100/day	500 . 00
Assistant geologist E. Outram 3 days @ $60/day	180 . 00
Assistant geologist M. Sanford 2 days @ $60/day	120 . 00
Truck rental 3/4 T. 4x4 pickup crew cab 20 days @ $25/day	500 . 00
Food and accommodation 20 days @ $12.50/day	325 . 00
Compilation of data and report preparation by E. Outram, 3 days @ $60/day	180. 00
Report preparation by J. McGoran 1 day @ $100/day	100 . 00
Typing, reproduction	15 . 38
	$2,760 . 38

J. S. McG

Soo #1 GEOLOGY Map 2

North

2000 ft

2100 ft

2200 ft

2300 ft

2400 ft

2500 ft

2600 ft

2700 ft

2800 ft

2900 ft

Swamp

road

Base line

609.6 m

670.1 m

676.6 ft

701.0 m

731.5 m.

762.6 m.

782.5 m

823.0 m

853.4 m

883.9 m

914 m

944.9 m

-0S

-4S

-8S

-12S

-16S

-20S

-24S

-28S

-32S

-36S

-40S

-44S

-48S

LCP
3001

road 8 km. to Whistler

Scale
1:1200

Legend

- Stratigraphy
- Foliation
- 4. Recent Basalt
- 3. Andesite
- 2. Dacite
- 1. Quartz
- outcrop
- creek
- feldspar porphyry
- hornblende porphyry
- tuff
- pyrite content in %
- cp chalcopyrite
- road
- legal corner post

2000ft - 609.6m elevation a.s.l.

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6581
MAP NO.

To accompany geology assessment report 1977
by J. McGoran.