

GEOLOGICAL REPORT

Soo #2 Mineral Claim

Record No. 119

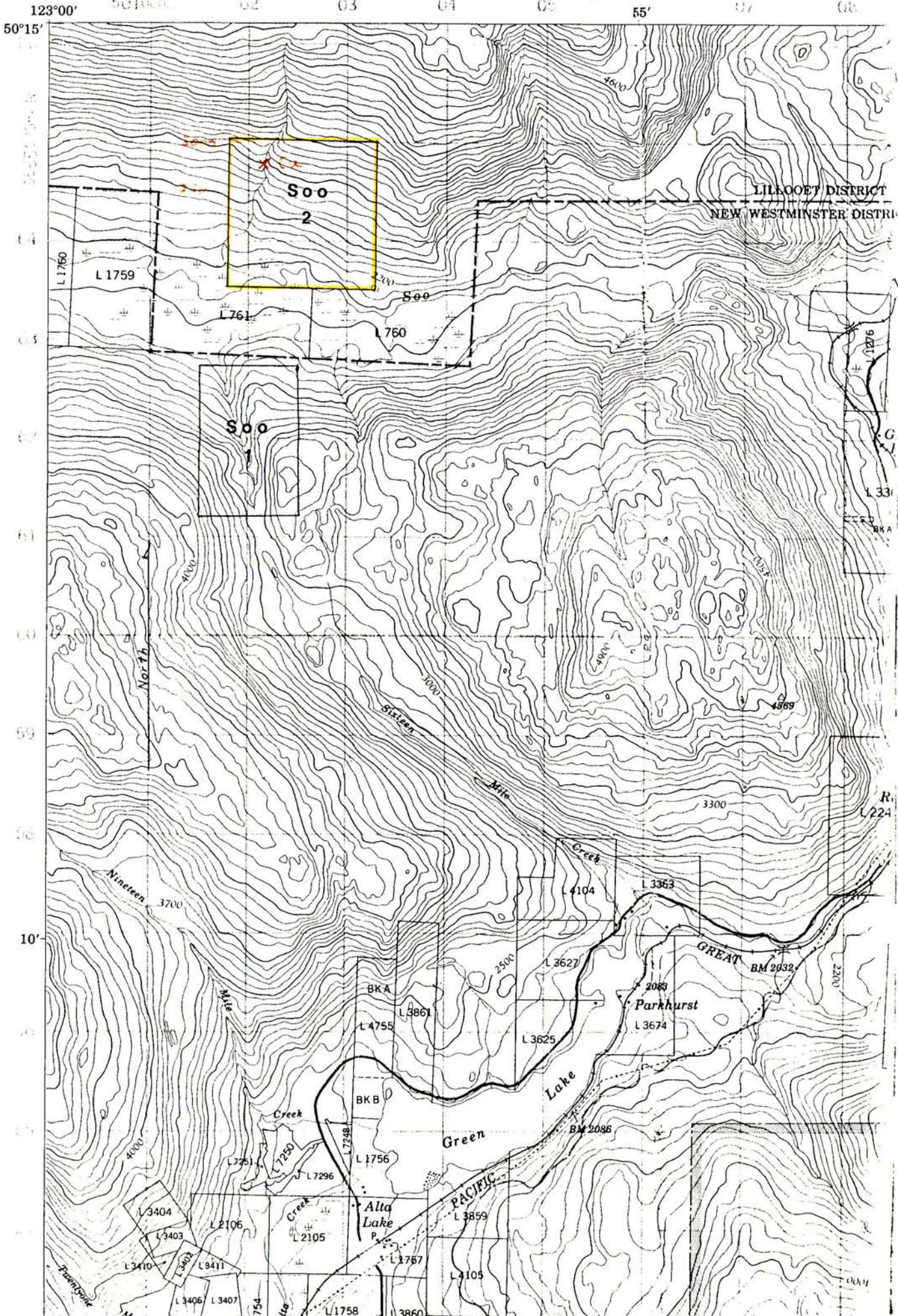
Whistler Area

Vancouver Mining Division

John McGoran, B.Sc.
December, 1977.

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Location and Access

The Soo #2 claim is 5½ km due north of Whistler Post Office, just north of the Soo River.

Access is by helicopter from Okanagan Helicopter hangar at Whistler, a distance of 8 km.

Establishing Grid and Elevations

From mid-October to the end of 1976 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 #2 claim is underlain by a roof pendant within the Coast Plutonic Complex. The rocks within this roof pendant consist largely of meta volcanic strata¹ of probable Lower Cretaceous age, which are dominantly andesitic, dacitic, and rhyolitic volcanoclastics 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 #2 claim during late October 1976 and a portion of June 1977.

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. Rhyolites were identified by high quartz content, colour index, and flow banding.

The fragments of 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.

Unmetamorphosed Rocks

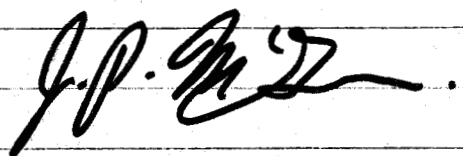
Minor basalt dykes are present which may be part of the Garibaldi Group.



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Expenditures re: Sec 2. Assessment Report

- 1 10,000 m. line cutting & topography survey
& chaining 17 days @ \$50/day
by A. White, D. Giffen, R. Giffen
(during end of Oct 1976) \$ 850⁰⁰
 - 2 Mapping geology 5 days, 2 men
at \$150/day
by J. McGoran & M. Sandford
(portions of Oct 1976 & June 1977) \$ 750⁰⁰
 - 3 Establishing tent camp, cost of
tent, lumber \$ 358⁰⁰
 - 4 food \$ 115⁰⁰
 - 5 Helicopter transportation
1.8 hr @ \$336/hr \$ 607⁰⁰
- \$ 2680⁰⁰



John McGoran

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.

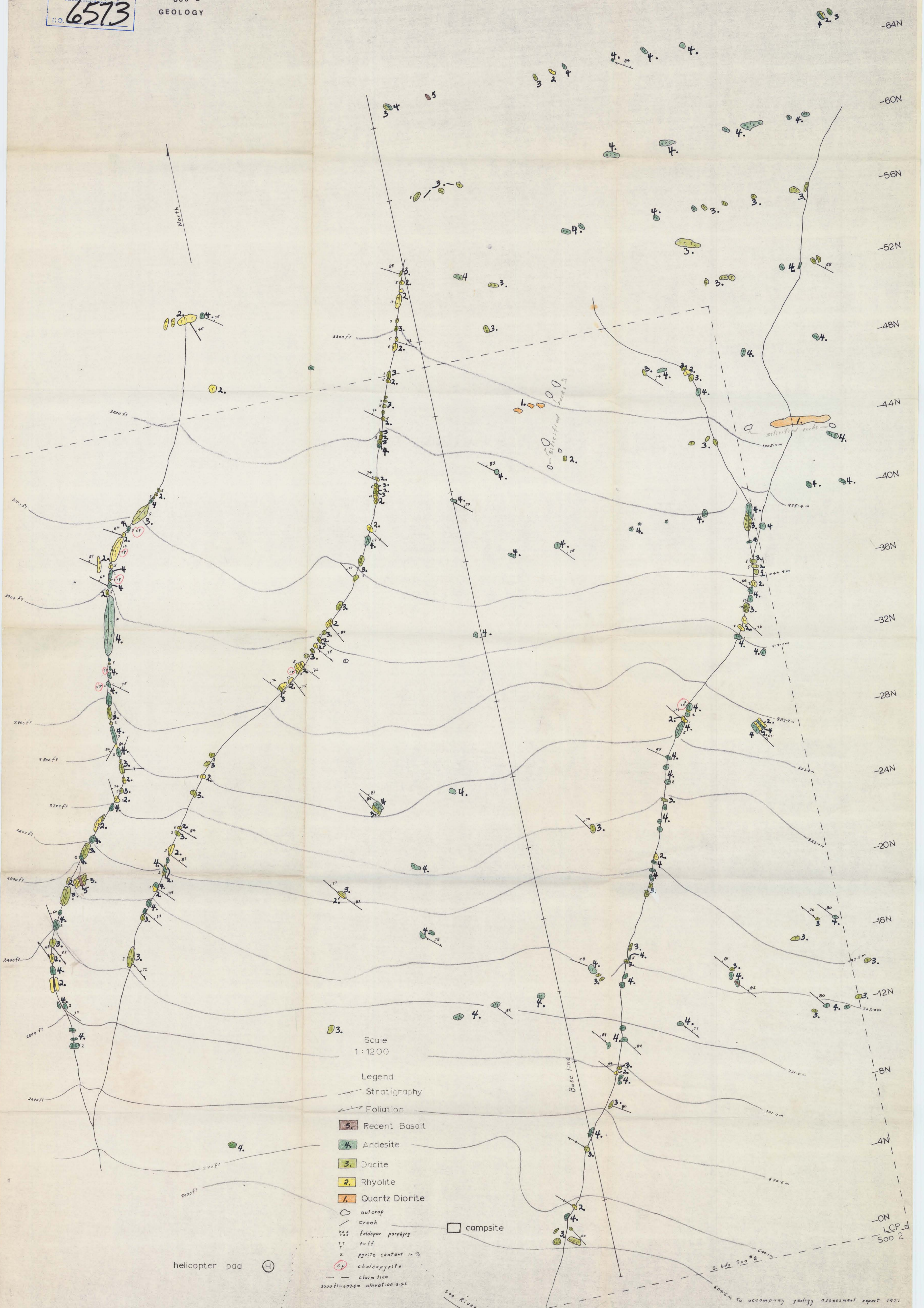


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REFERENCES

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

North



Scale
 1:1200

Legend

- Stratigraphy
- Foliation
- 5. Recent Basalt
- 4. Andesite
- 3. Dacite
- 2. Rhyolite
- 1. Quartz Diorite

- outcrop
- campsite
- ⊙ feldspar porphyry
- ⊙ talc
- ⊙ pyrite content in %
- ⊙ chalcopryite
- claim line
- 2000 ft - contour elevation a.s.l.

helicopter pad (H)

campsite

Soo River

Scale 1:1200
 To accompany geology assessment report 1977
 by J. M. Goran