

PROSPECTING REPORT ON THE SUMMIT #1 AND SUMMIT #2 MINERAL CLAIMS

The Summit #1 and Summit #2 Mineral Claims were located in October 1974 as a result of a program conducted under the Prospector's Assistance Act.

In September 1974 ten claims were located on Arbutus Summit, between Sproat Lake and Cous Creek, west of Port Alberni. A program of geochemical work and geological mapping was carried out. This work was inconclusive but one soil sample that was taken just south of the boundary of the claim group assayed exceptionally high in copper. This indicated the possibility of an anomaly that had not been covered in the previous grid. As it was found that this was on open ground between the claims worked on and claims held by others, it was decided to stake two additional claims and investigate this possibility.

Traverses were run along the north boundary of the Summit claims, on a grid in the area of the high soil assay, and along logging roads that cut through the claims.

The following observations were made as a result of this prospecting:-

GEOLOGY

Mapping by Muller and Carson (GSC 68-50) show the area covered by the claims as being underlain by Bonanza Volcanics and Quatsino limestone. Observations made in the field indicate a narrow belt of limestone that is not shown in the mapping. This is in the westerly part of the area traversed. The intrusive contact was observed 1200 feet north-east of the claim post that marks the north-west corner of the Summit #1 claim. The area between the intrusive and limestone was observed to be volcanics of various textures cut by some intrusive dikes.

MINERALIZATION

At the point where the logging road crosses Fossali Creek, south of the Summit claims, there is an outcrop of a brown volcanic rock which is common in this area. On closer observation it is found to be a ^{mystic} soft brown rock and quartz, stained to some extent by pyrite, and is probably a breccia. At this point this rock is mineralized in a narrow zone with malachite and azurite. Float of a similar rock containing malachite and chalcopryrite was found on the Summit #2 claim. There is considerable float mineralized with pyrite and minor chalcopryrite on a turn-out off the logging road where it cuts through this claim. This is 500 feet south of the point where the high soil assay was obtained. About 100 feet east of the high soil assay mineralized volcanic is found in place and there are many fragments in uprooted tree stumps. A sample of this material assayed .02% copper. Some zones of alteration were found in the limestone but they contained little mineralization.

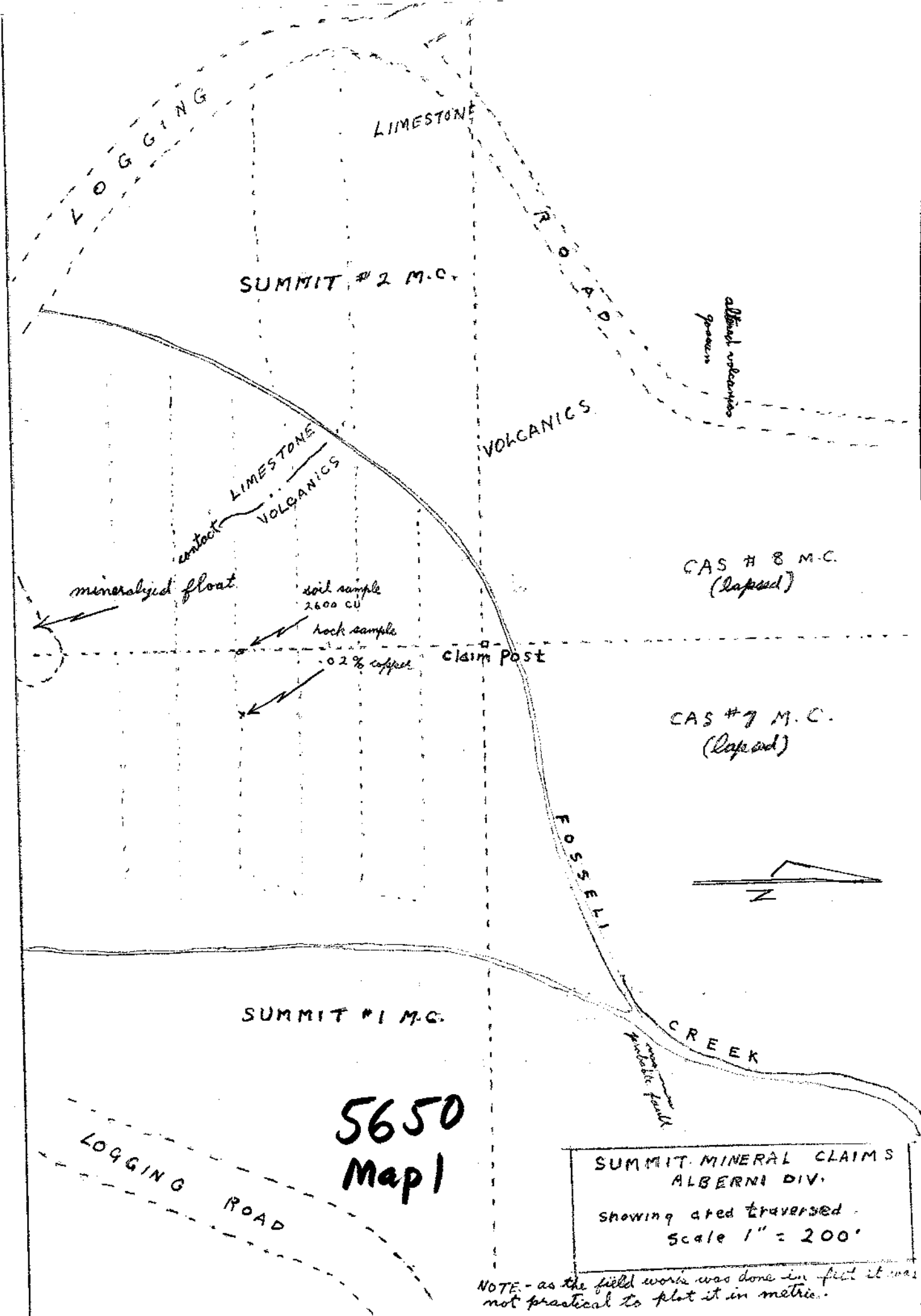
A breakdown of the cost of this program is as follows:-

4 days field work (Including living expenses)	\$ 320.00
Transportaion from Tofino, Milage (4x170) x .15	102.00
Report preparation, assays and miscel.	100.00
	<u>522.00</u>

Maps.

1. Prospecting
2. Prop. Loc.
3. Claims loc.

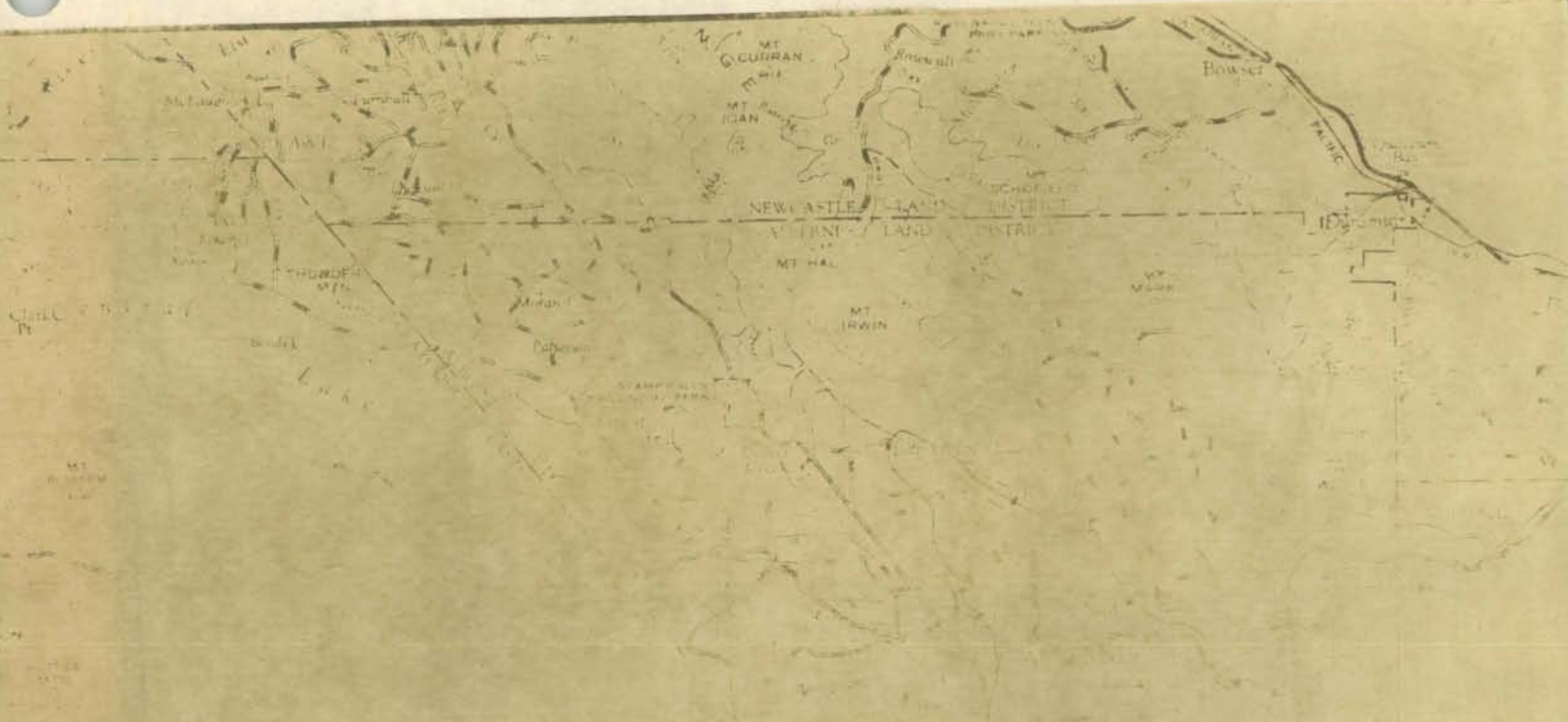
Walter Guppy



**5650
Map 1**

SUMMIT MINERAL CLAIMS
ALBERNI DIV.
showing area traversed
Scale 1" = 200'

NOTE - as the field work was done in feet it was not practical to plot it in metric.



I S L A N D

FOREST



5650
Map 2

LOCATION . 41

SUMMIT GROUP CLAIMS, ALBERNI M.D.

Scale 1" = 4 miles

October 1975

Various small text labels and numbers at the bottom of the map, including 'Vernon', 'Dodge', and 'Sullivan'.



FOSSLI PARK
Sproat Lake

Stirling Arm

Two Rivers Arm

St. Dennis Cr.

St. Andrew Cr.

ARBUTUS SUMMIT

actual location summit #1 + 2 1/2 mi

final post C-74 C-8

Creek Land

20657 COO	20655 COO	20631 COO	20630 COO
20636 COO	20658 COO	20662 COO	20653 COO

COUS

12127 REX	12128 REX
11 L	12 L

12115 REX	12120 REX
3 C	4 L
12121 REX	12122 REX
5 U	6 U
12123 REX	12124 REX
7 C	8 K
12125 REX	12126 REX
9 C	10 C

5650
Map 3

Wahmint Lake