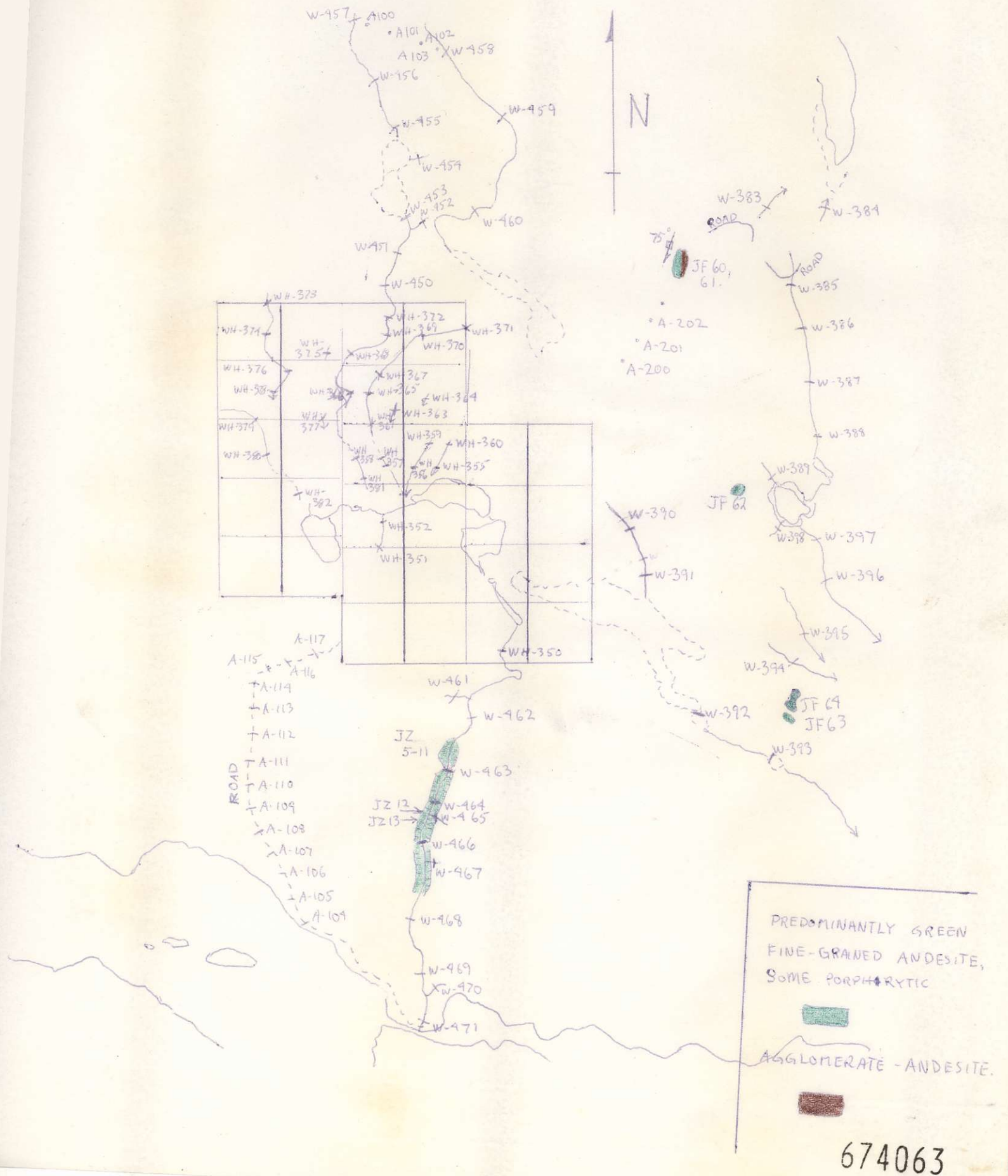


ALPHA  
CAMP #5



A hand-drawn map of a coastline with a numbered grid overlay. The grid contains numbers 1 through 30. A north arrow is at the top right. A dashed line with cross-ticks follows the coastline. A small '00' is written near the bottom right of the grid.

22	21	20	19		
24	23	18	17		
26	25	16	15	8	7
28	27	14	13	6	5
30	29	12	11	4	3
		10	9	2	1

Alpha,  
July 26, 1972.

Cam-Terry:

The central air photo of the claim area is not accurately oriented on a North-South ~~west~~ axis (BC 5300 1-65). True north is indicated on the air-photo overlay, and is reaffirmed by the boundaries of the logged section. The actual location of the HAL claim lines are most accurately indicated on the same overlay. The final post for claims 7 and 8 is in fact 200 ft. extra to the north, having placed <sup>a</sup> 400 ft. marker twice on this line. (See large claim group map.)

Silts taken within the claim group are generally labelled "WH" while those taken beyond the claimed area merely "W", corresponding to the AH-A difference used for the soils.

The area as a whole offered few striking geological differences, ~~being~~ generally

showing almost always the andesite rock-type. Occasionally the finer-grained feldspar is overlaid by a coarser feldspar-porphery andesite, or agglomerate. Monzonite is restricted to Claim # 7.

Outcrops JZ 5-13 show traces of copper (malachite exp), but silts - did not respond to rubianic testing. Most outcrops ~~float~~ revealed some pyrite under magnification. Pyrite float as indicated on map shows a faint N-E-SW lamination contrary to expectations. Little pyrite float ~~was~~ was found in the Northwest. (NW was silted by Amy, hence we ~~did~~ <sup>do</sup> not show silts in that area)

Float.

- # 1. Andesite float with pyrite.
2. Traces of pyrite; vesicular cavities filled with quartz.
3. fine-grained andesite; traces of pyrite
4. conglomerate with quartz + chert pebbles; malachite.
5. pink granite; pyrite.
6. andesite; malachite
7. pink granite (weathered); pyrite

Outcrops on claim area:

- JZ-1. conglomerate (quartz + chert pebbles); trace of malachite.
- JZ-2. andesite with quartz + epidote veins; trace of pyrite.
- JZ-3. Monzonite.
- JZ-4. Andesite (dark brown); some vesicular cavities.  
(after JZ-4, taped label-number is one greater than original felt-pen number.)
- JF-50 - Monzonite.

Outcrops off claim area:

- JZ-5 - conglomerate from top of outcrop (andesite underneath); epidote, sulfides, malachite. (spot of azurite).
- JZ-6. andesite; malachite + pyrite.
- JZ-7 - andesite; chalcopyrite. (2 pieces)
- JZ-8. andesite with calcite intrusion (vein)
- JZ-9 - andesite, quartz + calcite (HCl test affirmative) (+ epidote) intrusion.
- JZ-10 andesite with pyrite.
- JZ-11 - same as JZ 10, sample discarded.

JZ 12 - highly fractured andesite, fractures filled with calcite.

JZ-13 - porphyry andesite.

JF. 60 - fine-grained andesite, quartz intrusions; minuscule traces of pyrite.

JF. 61 - agglomerate - andesite.

JF-62 andesite. Traces of mineralization (pyrite, molybdenite?)

~~JF-63 - andesite, quartz-epidote intrusion.~~

JF-62-a - quartz-epidote intrusion in andesite.

JF-63 - andesite

JF-64 - andesite.

# field notes - JZ

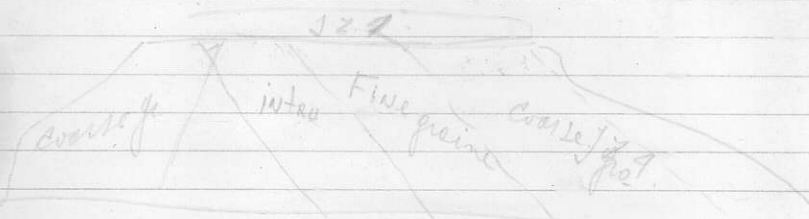
W = 450 to 600

A = 100

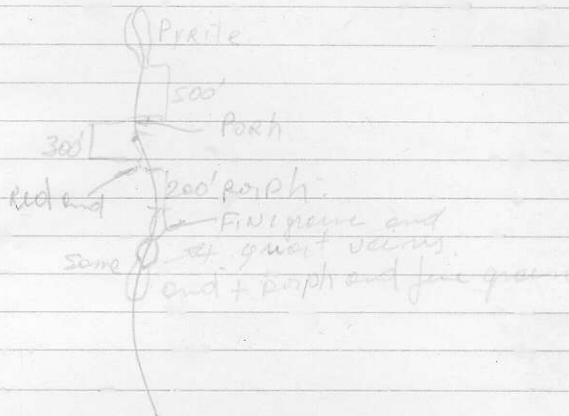
2 outcrop

cross section

Highly fracture. rocks. mostly end of different grain sizes with intercession of quartz and epidop



JZ 11. Red and  
JZ 12. Porph and





July 24/72

2100 paces @ 40°

(JF 60)

A-

1100 paces @ 70°  
from beaver dam.

JF 60 - fine-grained andesite,  
highly fractured, 1" quartz  
min with strike of 200°  
dip approx. 15° (from vertical)

highly fractured near  
conglomerate andesite.



various other quartz veins,  
different strikes & dips

JF 61 - conglomerate

1600 paces - road!

1700 - W-383

22 = 800 - lake

285° - 1500' - 2000' = young forest.

JF 62 - 170 p. west of W-389 (lake)  
~~evidence~~ - miniscule molly











ALPHA #5

- JZ-1 CONGLOMERATE  
angular green cherty pebbles in fine grained  
purple volcanic matrix
- JZ-2 <sup>ANDESITE</sup>  
- fine grained green andesite with small  
white anhedral feldspar phenocrysts  
- epidote quartz vein 2" thick cutting it  
predominating in epidote
- JZ-3 <sup>BFP</sup>  
- feldspar biotite porphyry - biotite  
hexagonal - secondary after hornblende
- JZ-4 - fine grained purple - black andesite
- JZ-5 - fine grained purple andesite with epidote  
stringers
- JZ-6 <sup>ANDESITE</sup> - same as above - malachite  
stain on patches
- JZ-7 - fine grained black andesite
- JZ-8 fine grained purple volcanic cut by  
1" calcite vein

JZ-9

med grained green andinite with 2" spid. quartz vein

JZ-10

med grained; feldspar biotite - hornblende phenocrysts in green andinitic matrix  
- several disseminated specks of chloropyrite

JZ-12

purple andinite with anhydrite filled fractures

JZ-13

purple andinite with leached feldspar holes and large rounded feldspar blebs  
- see drill core

\*\* JF-50 BFP

typical B.F.P. - finer hornblende needles in matrix not altered to secondary biotite or for larger crystals  
- perfect host rock

JF-60

- green silicious volcanic breccia daitu

JF-61

- green black fine grained matrix with silicious breccia fragments



JF-62

fine to med. grained purple green andesite  
with slightly altered <sup>small</sup> hornblende phenocrysts and  
small green feldspar phenocrysts

JF62 A

- quartz - epidote 3" rim predominant in  
qtz in med. grained hornblende feldspar  
porphyry similar to above - subvolcanic

JF-63, JF-64

feldspar porphyry with small hornblende  
phenocrysts in fine grained black vol.  
matrix

FLOAT #1

disseminated pyrite in fine grained grey  
andesite

Float #2

large qtz eyes in fine grained altered volcanic

Float #3

grey-green med. grain volcanic tuff

Float #4 fine grain purple matrix with chert or  
rhyolite fragments

- little molassic stain

Float #5

disseminated pyrite in feldspar bombards  
porphyry - saturation - not extensive equivoled  
- monzonitic composition

Float #6

black fine grained andinite with small  
feldspar phenocrysts

Float #7

rusted feldspar porphyry with some  
pyrite

JZ-2 black to green med. grained andinite