Are we supposed to have a diary?

CAMP CHARLIE - camp #1

rough outline

* Terry - If you send us some liquid enamel + a crow quill we will mark the numbers better. If you want any samples of rock types.

Date: May 27 - June 2nd/73

Location: North of Old Fort Mtn.
East of Babine Lake, West of Morrison Lake
Northwest of Cities Service GO group

An Area of approx. 2 miles in front of the rhyolite domes in an arc paralleling was covered.

Air photos# BC 1596: 14-19, 47-52 - No Maps

Silt Samples - Y-1 → Y35 + Y101 - Y110

674206

enclosed 28 a representative sample of Rx types.

In the western portion of the area logging operations have noticeably altered the drainage system. Some creeks have been diverted down old road beds where good samples are not possible. Much of the drainage at this time of year is being carried by runoff streams over completely organic terrain. Sample locations are plotted on the appropriate air-photo.

Mineralization - Sulphide mineralization is very limited in this area. Trace amounts of Pyrite occurs in all rock types, being most abundant in a massive leucocratic rhyolite but never exceeds ~1/4% and many outcrops are completely barren. Hematite is fairly abundant as stains, along fracture surfaces, pseudomorphic after pyrite and as primary hematite in a greenish rhyolite up to ~5% giving it a speckled appearance. None of these rocks had any noticeable magnetism. Indications of Copper mineralization were limited to one outcrop where a specimen bearing trace amounts of azurite + malachite was noted. This appeared to be the oxidation of cupriferous pyrite.

Geology: The project are is characterized by a contact relationship between rhyolites and andesite - Tuffs, which might be a favourable environment for Kuroko Type deposits. The nature of the area gave a natural division of two main rock types: (1) Rhyolites (2) Andesite - pyroclastic.

The Rhyolites are found mainly in the southern part of the area comprising a belt of SW-NE trending resistant domes. The most abundant rhyolite types are (a) a massive leucocratic cream coloured rhyolite, (b) speckled Rhyolite (from hematite blebs) (c) feldspar rhyolite porphyry (d) Quartz eyes - rhyolite porphyry. (e) the dark coloured rhyolite. All rhyolites found were massive none showed flow banding or other structures. What appeared to be the boundaries of flows were observed these were approx. horizontal.

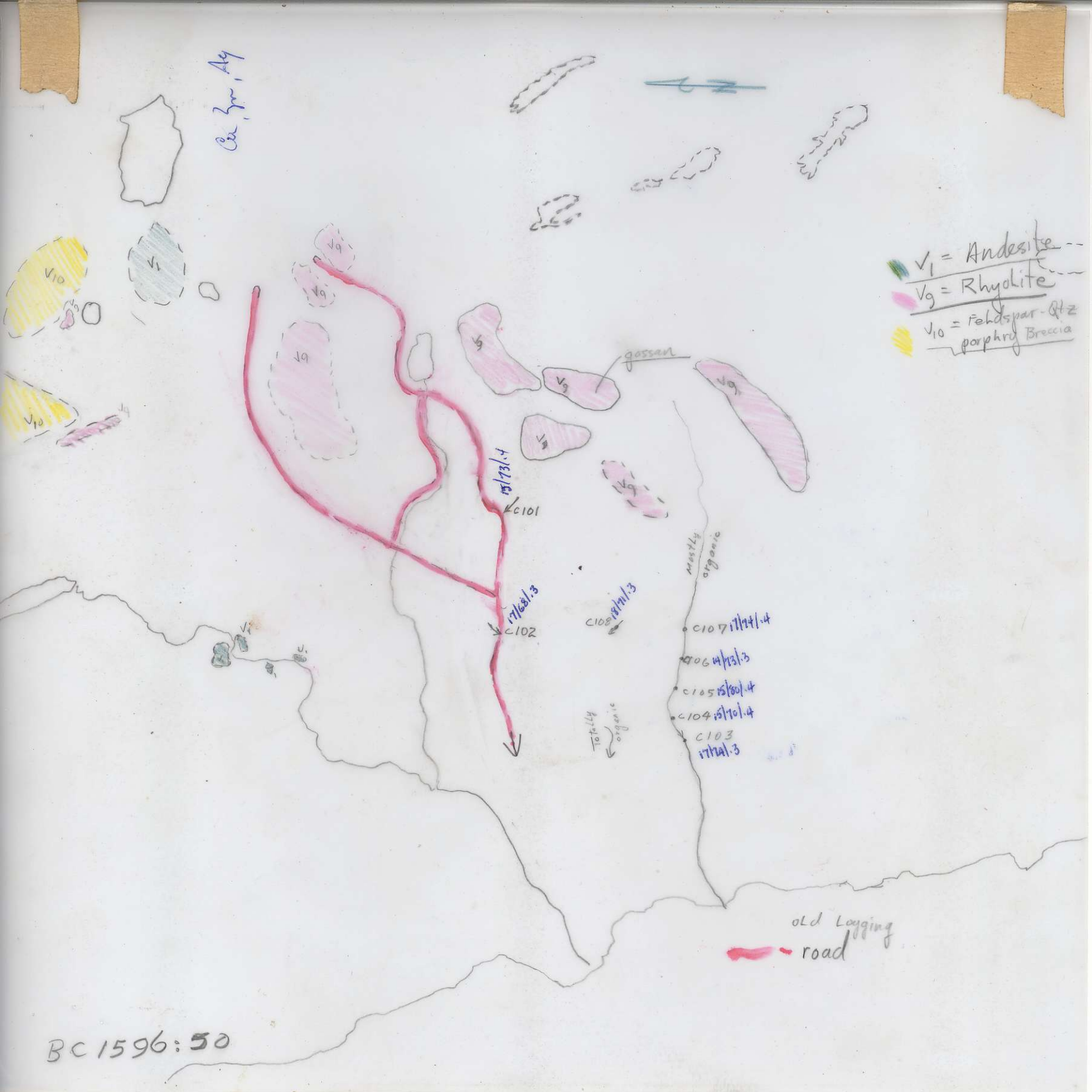
To the north of the rhyolite belt, occupying a central position is a large body of Feldspar - Quartz porphyry Breccia. This appears to be an intrusive equivalent of the more southerly rhyolites or perhaps it is much later. This FQP Breccia is surrounded by a thin light coloured rhyolite porphyry halo. (Large Quartz eyes). The fragments in the breccia appear to be a dark bluish - green rhyolite. Most fragments are slightly rounded but some are very angular. In places fragments are rare.

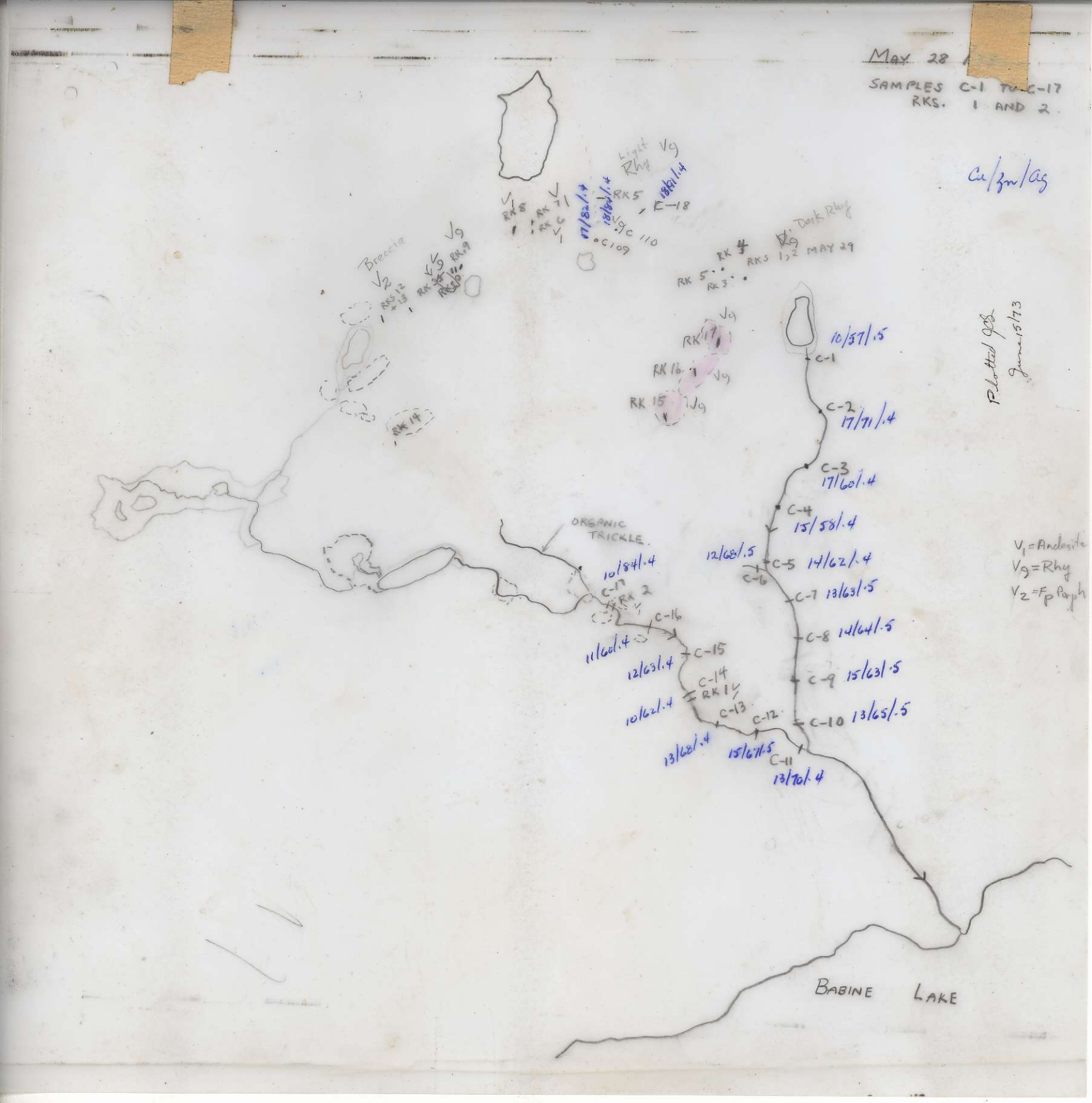
The andesite - pyroclastic rocks are found in the extreme NW, between the FQP breccia and the rhyolite, and over most of the NE portion. These rocks range from amygdaloidal andesite - basalt → andesite porphyry to obvious tuffs and volcanic breccia. In the NE region an attitude of ~~that~~ contact between apple green andesite and red tuff was 007/45W. No contacts between andesite and rhyolite were exposed. The andesite appear to underlie most of the rhyolite but the FQP breccia + Rhyolite porph. seem to be contain within the andesite - pyroclastics.

This area in comparison to Granite has gross similarities but is much more acid in FQP breccia vs P-1 P-3 phases.

Cities Service GO group - claim line located + Tied into an obvious swamp - see notes + Air photo BC 1596: 14


Vg
gossan
Vg
Vg
Vg
road
Cu Zn Ag
C108
C102
C107
C106
C105
C104
C103
Babine LK
BC 1596:51


Cu, Zn, Ag
V_1 = Andesite
V_9 = Rhyolite
V_{10} = Feldspar-Qtz porphry Breccia
gossan
C101
C102
C103
C104
C105
C106
C107
C108
mostly organic
old Logging road
BC 1596:50

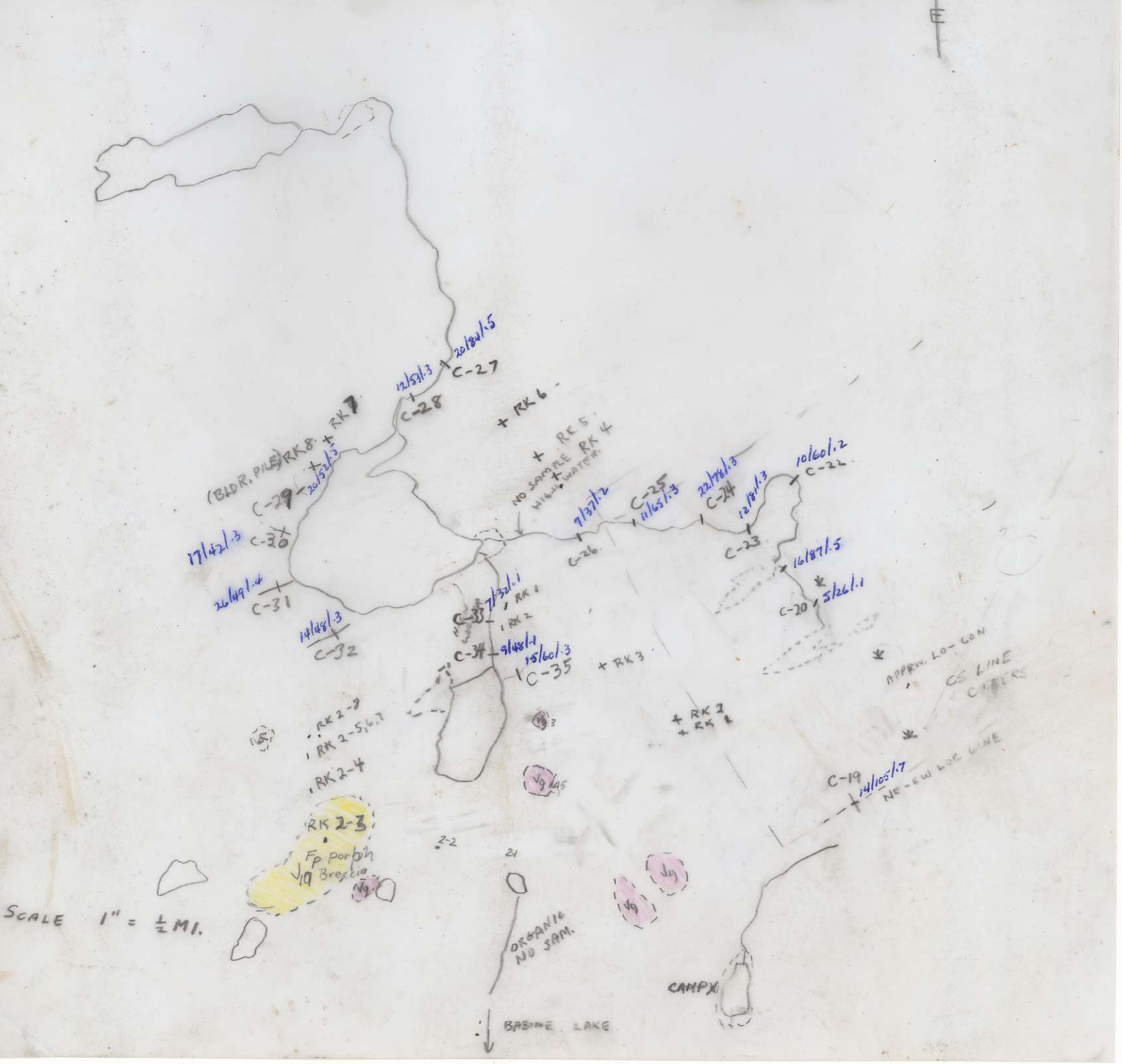

MAY 28
SAMPLES C-1 TO C-17
RKS. 1 AND 2.
Cu/Zn/Ag
Light Rhy Vg
Dark Rhy
RK 4
RKS 1,2 MAY 29
RK 5
RK 3
RK 8
RK 7
RK 6
RK 5
C-18
C 109
C 110
Breccia V2
RKS 12 + 13
RK 9
RK 14
RK 17
RK 16
RK 15
Vg
10/57/.5
C-1
C-2 17/71/.4
C-3 17/60/.4
C-4 15/58/.4
12/68/.5
C-5 14/62/.4
C-6
C-7 13/63/.5
C-8 14/64/.5
C-9 15/63/.5
C-10 13/65/.5
C-11 13/70/.4
15/67/.5
13/68/.4
C-12
C-13
C-14
RK 1
10/62/.4
C-15 12/63/.4
C-16 11/66/.4
C-17
RK 2
10/84/.4
ORGANIC TRICKLE
Plotted Q3E June 15/73
V1 = Andesite
Vg = Rhy
V2 = Fp Porph
BABINE LAKE

BC 1596:16

JUNE 1/73 (ACTUALLY MAY 30)

SILTS C-20 to C-26

RKS. 1-5



CAMP CHARLIE "I
JUNE 1973
BC 1596-48

BC 1596 : 14
May 31st / 73 S.