

810046

MEMORANDUM

TO E.O. CHISHOLM
C.L. SMITH

FROM T.L. SADLIER-BROWN

RE POWELL RIVER PROSPECTING PROJECT

RESUME

For some time now P. Risby has been employed by Atlas to carry out a prospecting program in the Powell River area. He has located several interesting showings of which three have now been examined. They are the King Billiken group, the Ace and Ella Claims and the Chip Claims. The first two are situated southeast of the town of Powell River in an area which has seen considerable staking activity in past weeks. The latter claims are located on a hillside just north of Chippewa Bay on Powell Lake.

After the examination of the King Billiken Group, it was decided that on the basis of known showings of Cu and Mo, no deal should be made. However, Risby was asked to prospect this group and the surrounding area more thoroughly because interesting float was found on it. He now feels that the float may have come from an area to the north which was staked by a Bobby Mickle and optioned to Falconbridge. In any event, he failed to turn up anything of interest in the

area he was to prospect. The principals of the "syndicate" (Herb Thompson and Ed Nicholson) are aware that Atlas is probably not interested but have had no formal confirmation yet. This has been delayed because their claims tie onto the Ace and Ella groups where significant Au mineralization has been found.

Ace Group + ELLA GROUPS

Lois

The Ace group lies just west of ~~Gordon Pasha~~ Lake and is traversed by several logging roads.

Chalcopyrite occurs in a white biotite hornblende granite as fracture fillings and disseminations. A selected low grade sample in which no mineralization was seen ran Cu.07 Mo.02. A random grab sample from a trench on the showing ran Cu.28 Mo.015. Representative moderately high grade material gave assays of Cu.97 Mo TR. Mineralized material from a blast hole 20 feet west of the trench ran Cu.46 Mo.005. The mineralization occurs beneath a weathered granite which may represent a leached zone or may be a separate body of unmineralized rock. A few random striking kaolinized veins were seen on the wall above the trench but nothing was observed that would suggest a trend to the mineralization. Some of the samples from the trench, however, do have mineralization in parallel planes.

In view of the abundance of chalcopyrite in the

ACE &
ELLA
CLAIMS
POWELL
RIVER

general vicinity and the fact that good concentrations are present in the Ace showing, further work seems warranted.

The claims are held by Mr. Herb Thompson of Powell River who also owns the Chip Group and is a partner in the King Billiken Group.

Outcrop is not common in the area so geological mapping will be of limited use. Magnetic, IP, and geochem surveys might be useful, although excessive water and vegetation might hamper the latter.

Chip Group

The Chip Group at the time of writing consists of two claims on the north shore of Chippewa Bay, Powell Lake. Thompson plans to add to this group soon though. Chalcopyrite and molybdenite occur here in a light grey granite, which in places is a quartz porphyry. Samples of mineralized float ran Cu.29 and .45, Mo.082 and .828. A check from this area (#809) is presently being tested at TSL and should be done soon.

The mineralization found to date has all been in Talus which appears to be falling from a cliff face upon which green and yellow stains occur. As the face is not accessible without climbing^{gear,} no estimate of extent was possible. (see photos)

This showing merits further work if it can be done for moderate cost.

Thompson is interested in dealing all of the Claims outlined on the accompanying map. He would like an initial cash payment of "around \$5,000" for them. He seems to be a reasonable person and would probably be prepared to deal any of his properties separately as well. He is an experienced old prospector and has worked in the Timmins, Kirkland Lake and Gowganda areas in addition to the B.C. Coast.

Close up of Cliff face above talus slope showing Malachite and Ferromoly stains



Mineralized boulder of grey granite. Molybdenite occurs in hair linefractures with random orientation in 8" wide zone roughly coinciding with rust area.

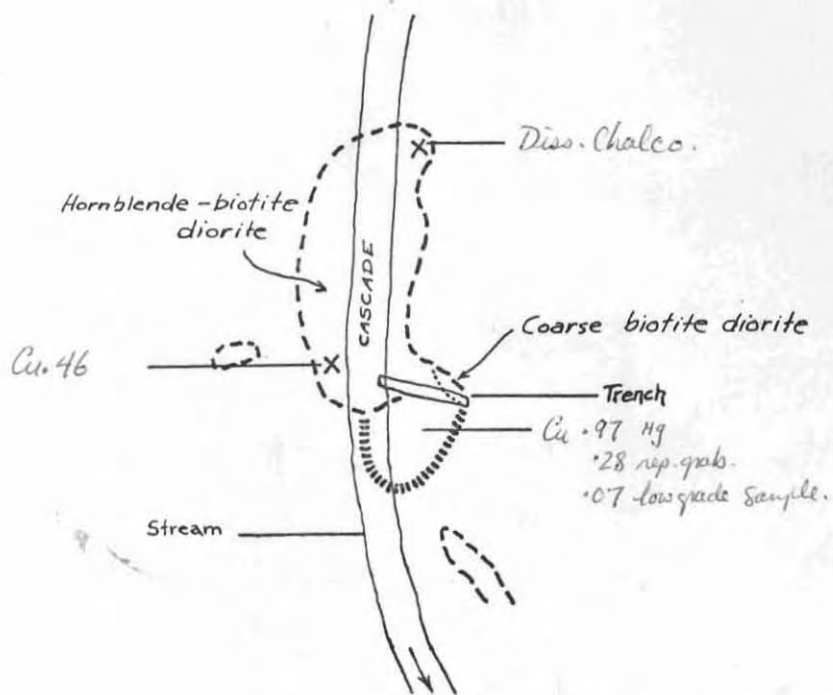
Cu Mo showing on dark
hillside just left of
centre. Powell Lake in
foreground.



light coloured granite
face from which mineraliza-
tion seems to be derived

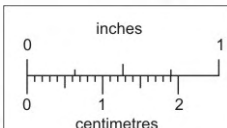
ACE GROUP COPPER PROSPECT POWELL RIVER AREA B.C.

100 ft.



LEGEND

OUTCROP AREA	
RUBBLE PILE	
TRENCH	
SHOWING	



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

T.L. SADLER-BROWN MARCH 21/67

T

S

L

Laboratories Limited

325 HOWE STREET - VANCOUVER 1, B.C.

TELEPHONE 684-1374

ASSAYERS
CHEMISTS
GEOCHEMISTS

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM ATLAS EXPLORATIONS

REPORT NO.

V 2026

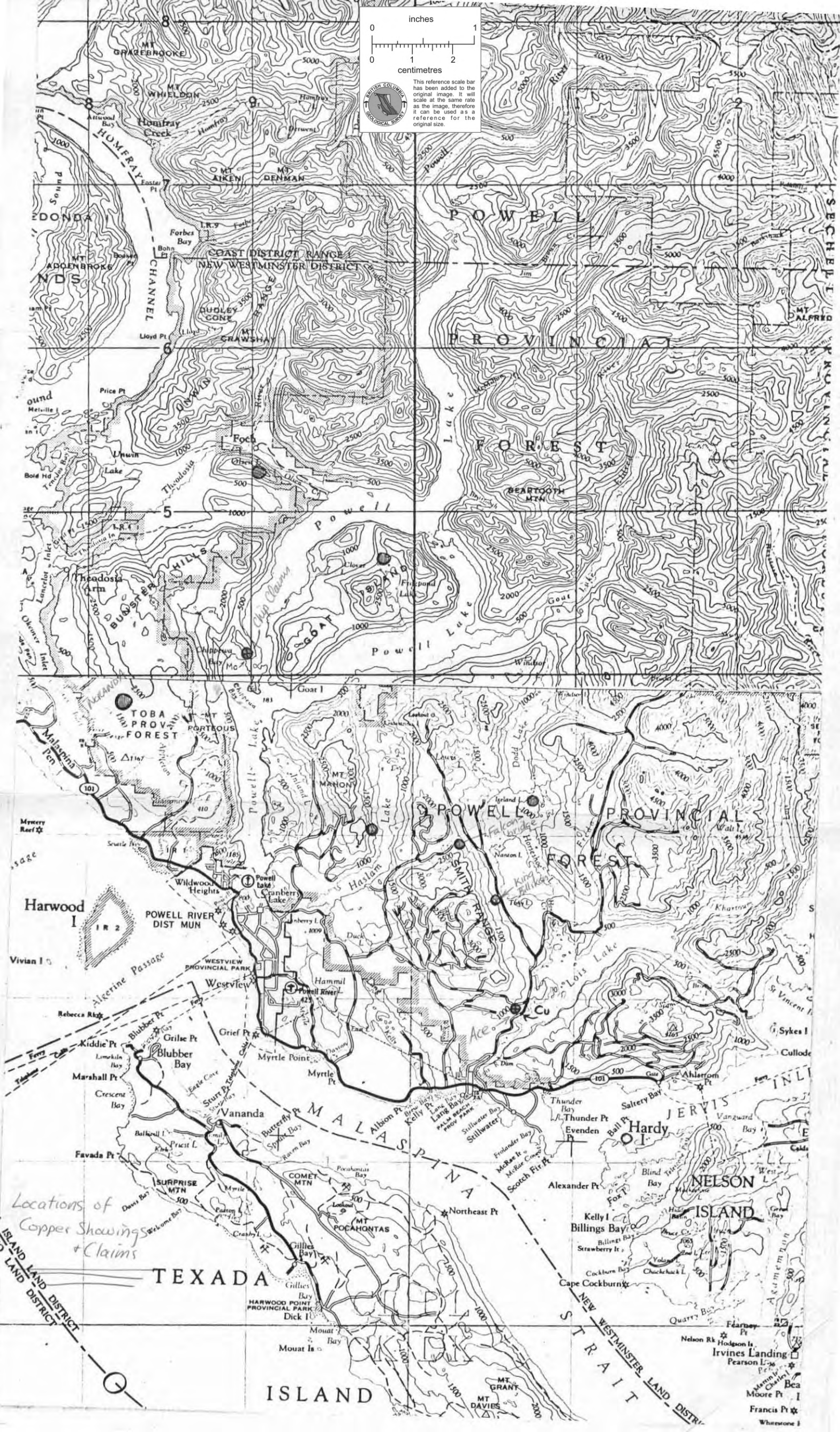
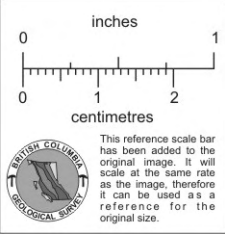
SAMPLE(S) OF ORE

	Copper (Cu) %	Molybdenum (Mo)%	Nickel (Ni) %
801	<u>0.29</u>	<u>0.082</u>	---
802	<u>0.45</u>	<u>0.828</u>	---
803	<u>0.28</u>	0.015	trace
804	0.07	0.020	trace
805	<u>0.97</u>	trace	trace
806	<u>0.46</u>	0.005	---
807	0.07	trace	---
808	0.12	trace	---

DATE March 28, 1967

SIGNED 

DIVISION OF TECHNICAL SERVICE LABORATORIES



Locations of
Copper Showings
& Claims

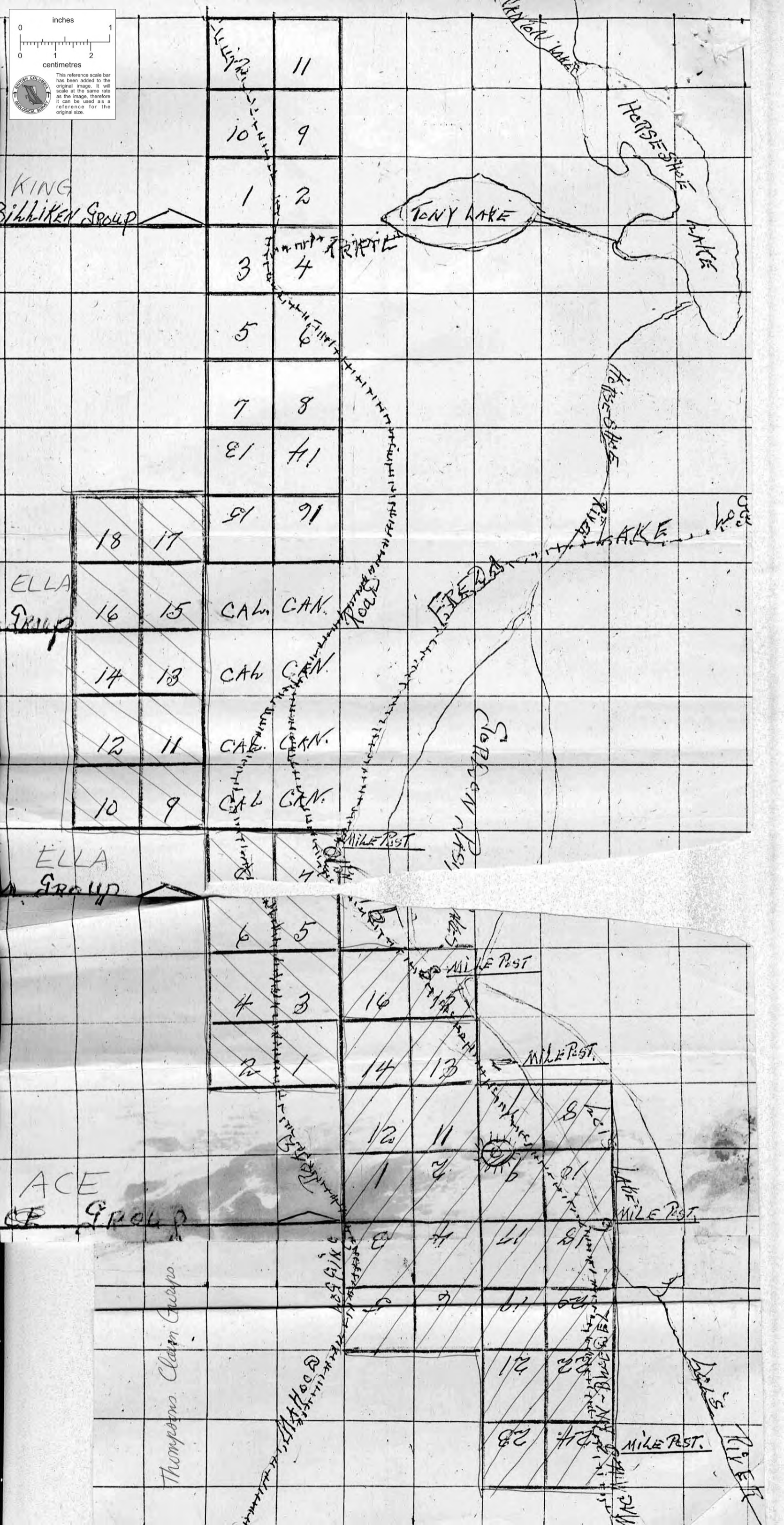
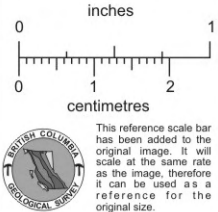
ISLAND LAND DISTRICT
NEW WESTMINSTER DISTRICT

TEXADA

ISLAND

NEW WESTMINSTER LAND DISTRICT

IRVINGSON ISLAND
PEARSON ISLAND
MOORE ISLAND
FRANCIS ISLAND
WHETSTONE ISLAND



KING
BILIKEN GROUP

ELLA
GROUP

ELLA
GROUP

ACE
GROUP

Thompson's Claim Group

TONY LAKE

HORSESHOE LAKE

HORSESHOE LAKE

SILVER LAKE

SILVER LAKE ROAD

SILVER LAKE BRIDGE

SILVER LAKE DAM

MILE POST

MILE POST

MILE POST

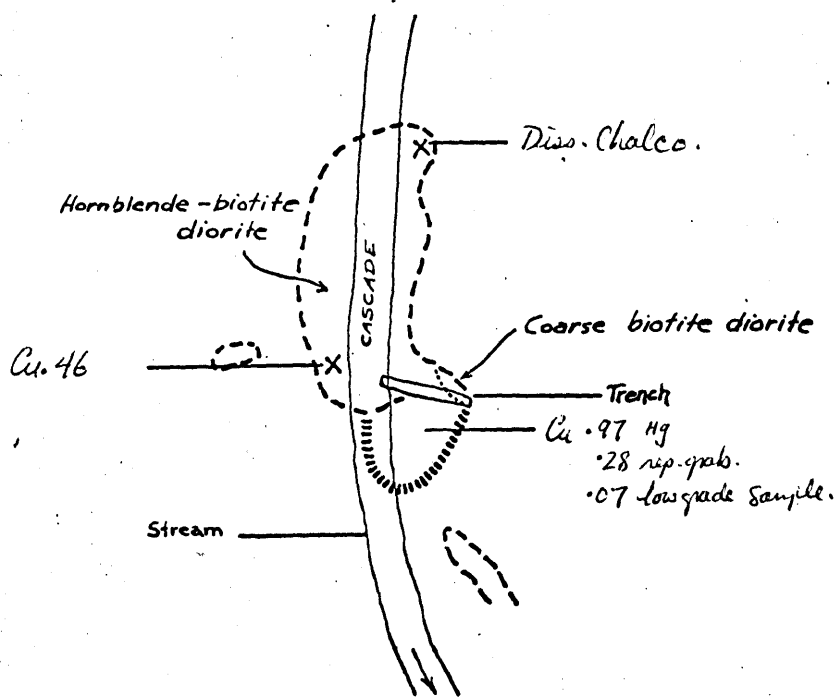
MILE POST

MILE POST

SILVER LAKE RIVER

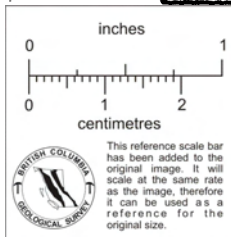
ACE GROUP COPPER PROSPECT POWELL RIVER AREA B.C.

100 ft.



LEGEND

OUTCROP AREA	
RUBBLE PILE	
TRENCH	
SHOWING	X



TL. SADLER-BROWN MARCH 21/67