

93 N → JGS → file
Prop. Sub.

Colin Campbell,
(prospects)

Date: July 4, 1970

812315

To: Carew McFall
From: Mel Swanson

Boronda camp
Tchentlo Lake, B. C.

Subject: Investigation of Colin Campbell's Klawli Mountain Prospect

On July 3, 1970, Colin Campbell and I walked into his recently discovered prospect on the west slope of Klawli Mountain, Omineca Mining District, B. C.

The prospect lies geometrically in the center of a block of 60 claims.

Access:

A trail leads for the north shore of the extreme west tip of Chuchi Lake and goes for four miles to the showing. This trail was recently blazed by Colin and is easy to follow. An elevation change of about 1700 feet occurs along the last two miles of trail. Also, there has been recently cleared a landing site for a helicopter at the mineralized exposure.

Geology:

The country rock is Omineca Granodiorite, coarse grained, which has potassium feldspar and epidote alteration along most of the fractures in the area. Small K-spar pegmatitic replacements occur around the mineralized zone. Quartz veins, varying in width from less than one inch to 6 inches occur in the area. Some small aplite-syenite dikes also cut across the exposed outcrops.

The contact between the granodiorite and the Takla Group lies approximately 1000 to 1500 feet north of the outcrop.

The copper mineralization is primarily bornite in the quartz K-spar veins and in the northeast striking fractures. Chalcopyrites occurs as a minor constituent in these veins. In the surrounding country rock as well as the felsic dikes exposed for several hundred feet to the west chalcopyrite occurs as discrete, sparsely disseminated grains. In the upper trench a small amount of molybdenite was observed.

A fault, laterally displaced, occurs on the east side of the exposure, and is observable in two of the four trenches.

The best mineralization, estimated at 1%-2% Cu, 15 to 20 to 30 feet in width and 150 feet long. However, minor mineralization occurs over an area (all that was investigated) of 300 feet wide by 300 to 400 feet long.

Development:

Four trenches about 3 feet deep 15-25 feet long have been dug, as well as about 6 pits. Soil samples have been taken along the claim lines .

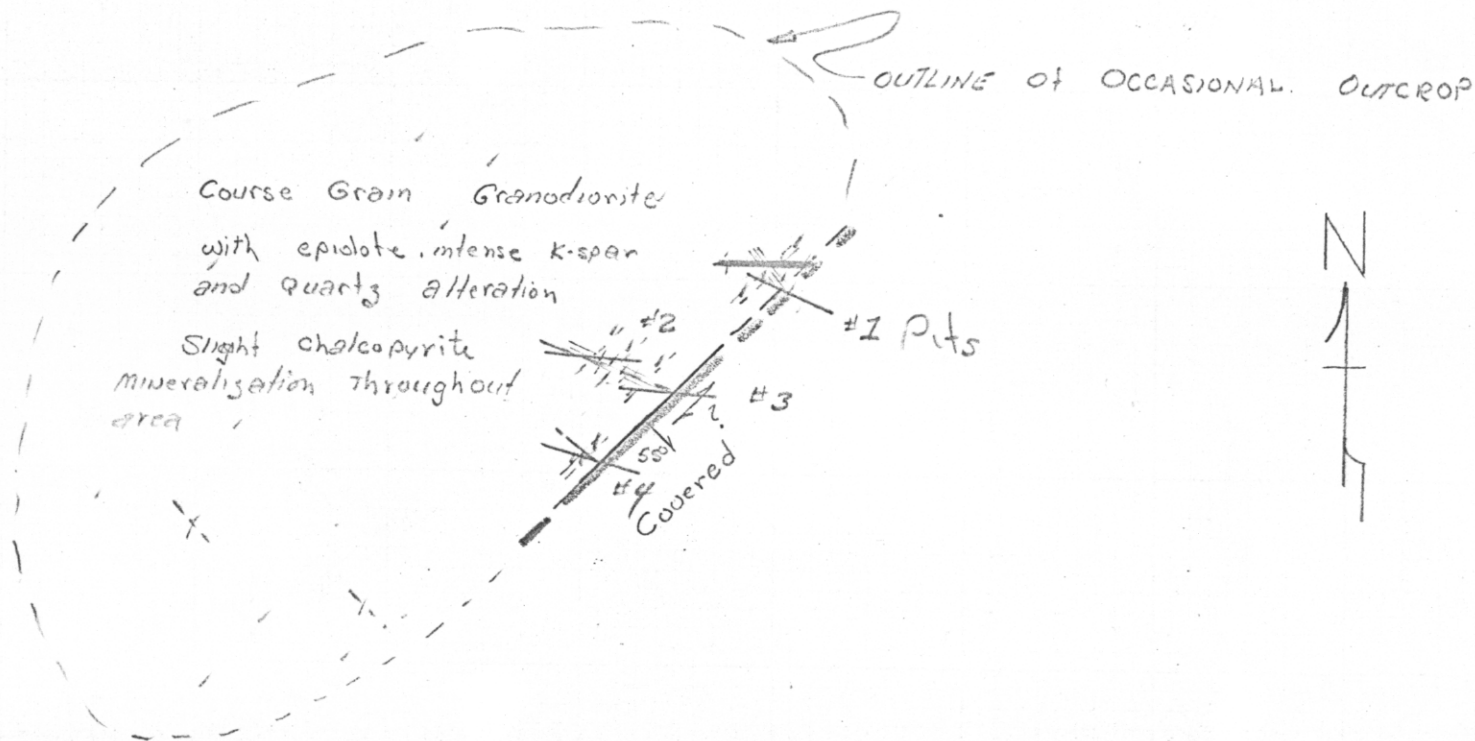
Although the soils line are far apart an anomalous area is outlined.





Conclusion:

Although the showing isn't very large, it does lie adjacent to our area of interest along the Klawli River. Since Mr. Campbell's claims come down to the Klawli River, our interest in the area should at least be more than casual. Depending on the results of our current program of geophysical surveys in that region the status of this showing with respect to us could drastically change.

M R S

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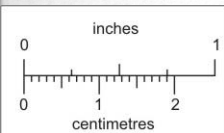


-  Quartz-K-spar veins
-  Aplite Dike
-  Fractures-Joints
-  Cu Mineralization

Colin Campbell's
Klawli Mountain Prospect
scale = 1 in. = 100 ft.

July 4, 1970 M.R.S.

Boronow Camp



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.