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REPORT

on

POISON CREEK SILVER SHOWING
and
PETERSON CREEK COPPER SHOWINGS
(HOGSTEAD PROPERTY)

near BARRIERE, B.C.

for

TASEKO MINES LTD.

by

M.F. COWAN, M.Sc., P.Eng.
BACON & CROWHURST LTD.

Vancouver, B.C.

November 16th, 1970.

POISON CREEK SILVER SHOWING

During the morning of November 2nd, a silver showing was examined along Poison Creek, about 6 miles southwest of Barriere, B.C. (See Figure 1). Access is by 8.9 miles of gravel road from Provincial Highway No. 5 just north of Barriere, and thence by 2 miles of tractor road which leads westerly up a steep hillside on the north side of Poison Creek and is negotiable by four wheel drive vehicle.

Chalcopyrite and galena occur in several quartz veins and lenses in a dioritic host rock which in places grades to hornblendite. The host rock is locally silicified adjacent to the quartz veins and carries some minor disseminated pyrite. Some of the diorite comprises an intrusive breccia.

The quartz veins are about 1' wide, strike N30-50W, and dip 60°-70° to the southwest. The chalcopyrite and galena occur in isolated but abundant clots along the central portions of the veins. Some carbonate, sericite, and pyrite accompanies the mineralization. The better mineralization occurs at the divergence point of two veins. The quartz lenses are poorly mineralized and are confined to the steep west-facing rock face which is a topographic expression of a north-south striking fault plane that dips 70° to the west. Several of the veins were followed for a short distance east over a prominent knoll where they are barren of mineralization.

No samples were taken. The mineralization is of very limited extent with negligible economic potential.

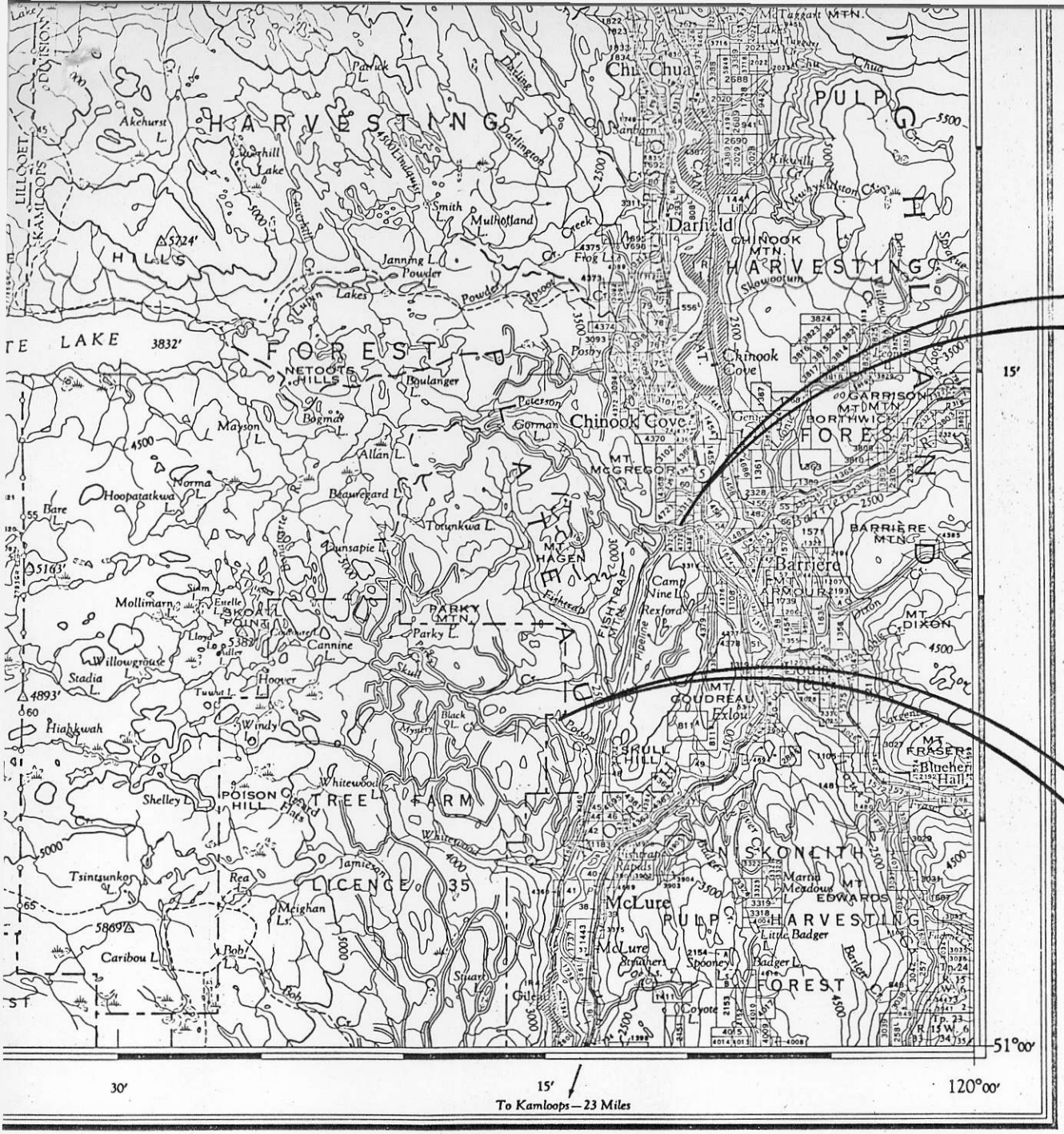
PETERSON CREEK COPPER SHOWINGS
(HOGSTEAD PROPERTY)

During the afternoon of November 2nd, two copper showings were examined just northwest of Barriere on Peterson Creek. About 0.6 miles north of the bridge crossing the North Thompson River, a tote road leads westerly for about 0.4 miles up Peterson Creek. A trail from the end of this road leads some 800' up the creek to the first showing.

Finely disseminated native copper and very minor chalcopyrite occur along a drag fold in a diorite intrusive. Some brecciation has occurred along the drag fold but the copper mineralization is mainly confined to the narrow, strongly sheared portions. Minor copper stain occurs along these. Iron staining is prominent in the immediate vicinity of the drag fold. Epidotization of the country rock is the only alteration that is evident. A silt sample taken from Peterson Creek a few hundred feet below this showing assayed 38 ppm Cu.

At the second showing some 500' farther up the creek, minor chalcopyrite associated with narrow magnetite seams occurs along a fracture striking N70W and dipping 80N.

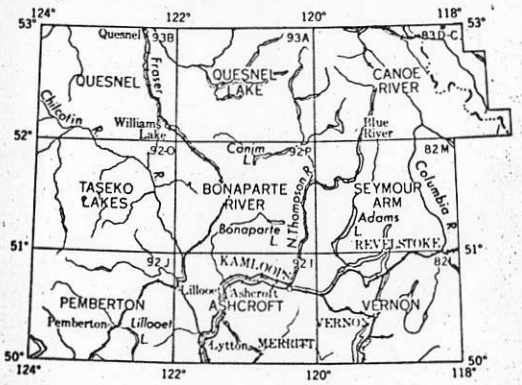
The copper mineralization is a result of local remobilization of syngenetic copper and its redeposition along the fracture and drag fold. The occurrences have no economic significance.



Universal Transverse Mercator Projection

REFERENCE

Road, Hard Surface, All Weather	Route No. (5) 2 Lanes
" Loose Surface, All Weather	2 Lanes
" Loose Surface, Less than 2 lanes	All Weather / Dry Weather
" Private (Logging, Mining etc)	
" Four Wheel Drive	
Trail	
Railway	Station / Flag Stop
Main Telephone Line	Along Road
Main Electric Power Line	Along Road / Wooden Poles / Steel Poles
Horizontal Control Station	△
Contours (Interval 500 feet)	2500
Elevation in feet above mean sea-level	·5215'
Intermittent Stream	
Intermittent Lake or Seasonal Inundation	
Swamp or Marsh	
Glacier or Icefield	
Spring	S
Dam	Dam
Customs Office	Cust.
Navigation Light	
Airport or Airstrip	
Airharbour or Seaplane Anchorage	



On the above map index the maps published are shown thus:

With District lot land status ☐

Without " " " " ☐

Land Commissioners' Offices are located in Clinton, Kamloops, and Williams Lake.

Mineral Claims are not shown on this sheet.

District land lot numbers 24 Sections within Townships 24

FIGURE 1

BONAPARTE
SHEET
THIRD STAT

BONAPARTE RIVER, B.C.

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SCALE: 1:250,000