

671903

REPORT
on
MOFFAT CREEK COPPER SHOWING,
near HORSEFLY, B.C.

for
TASEKO MINES LTD.

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

Vancouver, B.C.

November 16th, 1970.

MOFFAT CREEK COPPER SHOWING

On November 1st, a brief examination was made of a copper showing about 4 miles south of Horsefly, B.C., on Moffat Creek (Figure 1). Access is by 30 miles of road from 150 Mile House on Provincial Highway No. 97 to the 108 Road turnoff just west of Horsefly. About 3.7 miles south along the 108 Road, a tractor trail leads east for about 0.3 miles to the showing on Moffat Creek.

Very sparse copper mineralization occurs as fine disseminated native copper in red-weathering amygdaloidal basalt of probable Tertiary age. Quartz, calcite, and epidote are all abundant as vesicle fillings. The native copper occurs in the volcanic matrix, has no apparent association with the amygdules, and is localized along tight, steeply-dipping shears that trend nearly east-west. A 4' chip sample from an open cut along the west side of the creek assayed 0.13% Cu and 0.03 oz./ton Ag. Sparse copper stain was noted in the open cut. Two holes have been drilled along the creek. One, just a few feet south of the open cut, is reported to have ended at 30'. The other, some 800' north along the creek, is reported to have ended at 60'. No copper mineralization was seen in the basalt where this latter hole was collared.

Two silt samples taken from Moffat Creek near the first and second drill sites mentioned above assayed 12 ppm Cu and 8 ppm Cu respectively. A soil sample taken along Moffat Creek in the vicinity of the first drill site assayed 64 ppm Cu.

The native copper occurrence is minor and localized
and of no economic significance.

Respectfully submitted,
BACON & CROWHURST LTD.

M.F. Cowan, M.Sc., P.Eng.

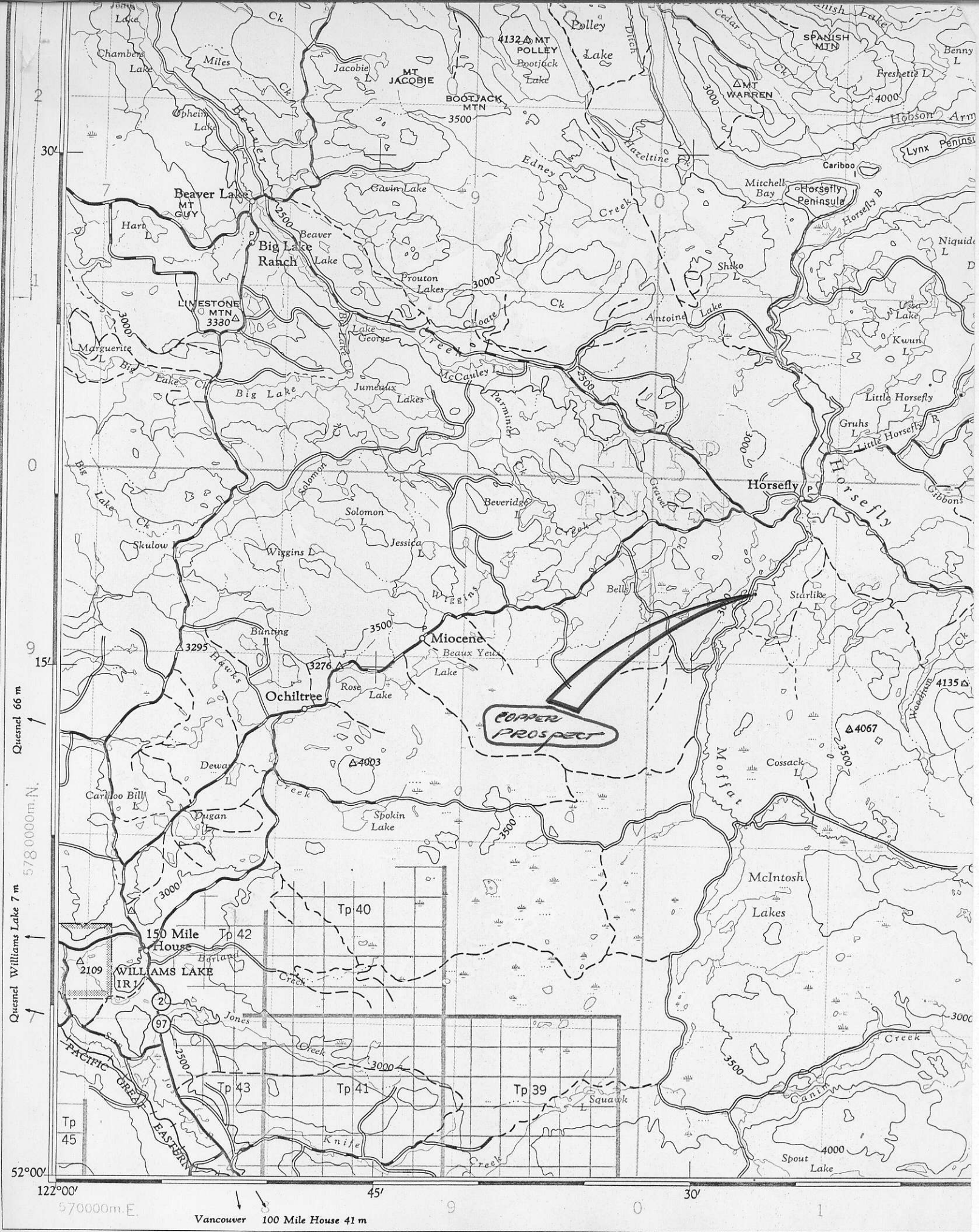


DIAGRAM - CROQUIS D'EXACTITUDE

FIGURE 1

Compiled 1959, by the SURVEYS AND MAPPING BRANCH,
 DEPARTMENT OF MINES AND TECHNICAL SURVEYS.
 Revised 1963. Printed 1964.
 Magnetic declination 1964 varies from 25°08' easterly at
 QUESNEL LAKE 93A
 SCALE - 1:250,000