

PRODUCT COPPER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 92 N/8
RÉGION DU S.N.R.C.

REF. CU 1
RÉF.

NAME OF PROPERTY SPOKANE (COPPER CAMP) (TATLAYOKO)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - showing, SE corner of Spokane claim (Lot 702).
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 51°23'50"
Lat.

Long. 124°25'15"
Long.

Mining Division
Division minière

District
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Rocks on the property include Triassic volcanics of the Tacla Group and quartz-diorite intrusives which are probable offshoots of the Coast Range batholith. At the copper showing interbedded andesite and basalt strike N20°W and dip 70°E. Several porphyry dykes intersect the andesite host rock. Copper mineralization occurs along the hanging-wall side of a bed of andesite which averages about 35 metres in thickness; the overlying basalt is barren. Chalcopyrite and bornite occur as disseminations and fracture fillings in the well jointed andesite. The width of mineralization varies from a few feet up to 50 feet along a strike length of 2,000 feet.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located 3 miles south-southeast of the south end of Tatlayoko Lake, at elevations of 5,000 to 7,000 feet.

The property covers a gold showing on the Tye claim (Lot 700) (92 N/8, Au 1), and a copper showing located 2,000' northeast of the gold showing at the southeast corner of the Spokane claim (Lot 702). Showings of copper carbonate and copper staining were discovered and staked in 1907 by I.T. Morris and A.H. Sheppard. The property originally comprised 11 or 12 claims divided into two adjoining groups identified as the "Gold Camp" and "Copper Camp". The owners incorporated The Tatlayoco Lake Copper Company Limited in November 1909 and The Tatlayoco Lake Gold Mines, Limited in February 1910. Crown-grants were issued in 1918 to the latter company on 6 of the most important claims, forming a contiguous block and including the Tatlico, Tye, Isaac T, Spokane, Copper Dyke Extension, and Copper Dyke (Lots 699-704 respectively).

Exploration work to 1910 on the Copper Camp claims included two adits driven 300 and 180 feet respectively. The upper adit was driven on a basic dyke about 4 feet wide with a seam of calcite about half an inch wide on either side of it. No indication of mineralization was exposed except a little copper stain. The lower adit, driven as a crosscut, failed to locate the vein. No further activity was reported on the Copper Camp claims.

In January 1949 Rico Copper Mines, Limited acquired the 6 Crown-grants from Panameric Mines & Resources, Limited in exchange for an allotment of Rico shares, however no work was reported and Rico was dissolved in November 1965. A new company Rico Copper (1966) Limited was incorporated in January. Work on the Crown-grants and adjacent Tat 1-9 claims in 1968 included detailed geological mapping, and sampling by R.W. Phendler; a 1,500' strike length of copper showing averaged 1.04% Cu across an average width of 20'; the middle 700' averaged 1.63% Cu across average 27' width. Inferred reserves were estimated as 335,664 tonnes at 1.2 to 1.5% Cu (BC Inventory, 92 N - 1).

Stryker Resources Ltd. in May 1980 acquired an option to purchase the Crown-grants from Rico Copper. The Tatlico 1 and 2 claims (18 units) and JB 1 & 2 (2 units) were staked over the Crown-grants. Sampling on the copper showing by C.W. Ball indicated lower values than those obtained by Phendler.

Report of Minister of Mines, British Columbia:
1910, pp. 154-156; 1968, p. 154.

*Ball, Clive W.; Geological Report, Morris Mine Property,
Aug. 21, 1980 - in Stryker Resources Ltd. Statement of
Material Facts, 114/81.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 5-1968, Mount Waddington, (Geol.), Sc. 1":2 miles - accomp.
Paper 68-33, Geol. Surv. of Canada.

Map 2063, Chilko Lake & vicinity, (Geol.), Sc. 1":4 miles -
accomp. Summary Report 1924, Pt. A, Geol. Surv. of Canada.

#Map 92 N/8 W, Stikelan Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-81						