

PRODUCT  
PRODUIT

GOLD

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 92 N/8  
RÉGION DU S.N.R.C.

REF. AU 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

MORRIS (TYEE) TATLAYOKO

OBJECT LOCATED - No. 1 adit.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 51°23'40"

Long. 124°25'40"

Mining Division Clinton  
Division minière

District  
District

Range 2, Coast

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

The property is underlain by Triassic sheared and folded mudstone, argillite and sandstone with interbedded andesite and basalt of the Tacla Group. Swarms of quartz feldspar porphyry dykes together with basalt dykes cut the sediments. Quartz diorite intrusives, probable offshoots from the Coast Range batholith, occur on the property and locally form the hanging-wall of No. 1 vein. Gold-bearing quartz stibnite veins strike N15°W to 20°W and dip 37° to 52° easterly. Vein filling consists of stibnite, arsenopyrite and pyrite with minor chalcopyrite, sphalerite and rare bornite in a gangue of quartz and altered crushed wall-rock. No. 1 vein, as exposed in the adit over a length of 217 metres, varies in width from 15 cm to 1.2 metres and averages about 40 cm. No. 2 vein has been traced for an adit length of 57 metres and averages about 30 cm in width. Vein No. 3 has been traced on surface for a strike length of about 30 metres and averages about 30 cm in width.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

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

The showings were discovered in 1907 by I.T. Morris and A.H. Sheppard; the interest held by Sheppard was subsequently acquired by M. Sutton. The property originally comprised 11 or 12 claims divided into two adjoining groups identified as the "Copper Camp" (see 92 N/8, CU 1) and "Gold Camp". The owners incorporated The Tatlayoko Lake Copper Company, Limited in November 1909 and The Tatlayoko 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, Tyee, Isaac T, Spokane, Copper Dyke Extension, and Copper Dyke (Lots 699-704 respectively).

Development work on the Gold Camp was confined mainly to the Tyee and Tatlico claims. When work ceased in 1911 an adit on No. 1 vein comprised about 360 feet of drift, crosscut and raise, and an adit on No. 2 vein about 258 feet of drift and crosscut. Activity on the property during the 1920-22 period was limited mainly to surface work.

No further activity was reported until 1934 when the Crown-grants were acquired from the company by Bridge Island Gold Mines, Limited. Work to July 1937 included extensive surface prospecting and trenching on No. 1 vein, reopening the old workings, and extending No. 1 adit to a total length of about 700 feet. The Bridge Island charter was surrendered in 1940.

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.

Stryker Resources Ltd. in May 1980 acquired an option to purchase the Crown-grants from Rico Copper. Sampling in No. 1 adit indicated a 95 metre length and 40 cm width averaging 0.54 oz/t Au, 7.36 oz/t Ag, 11.4% Sb (C.W. Ball, 21/08/80, in Stryker Res., Statement of Material Facts 114/81). Drill indicated and possible in No. 1 vein is estimated at 38,000 tons (George Cross News Letter, 1982, No. 166). Work by Stryker in

p.t.o. ....

Associated minerals or products - Silver, antimony.  
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa  
Secteur de la politique minière, ministère de l'Énergie, des Mines et des Ressources, Ottawa

120101

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)  
 HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

1981-82 included sampling and 1,695' of diamond drilling in 7 holes.

The company name (Rico Copper [1966]) was changed in 1981 to McNellen Resources, Inc.

REFERENCES/BIBLIOGRAPHIE

+ Dolmage, V.; Chilko Lake and Vicinity, British Columbia; Summary Report 1924, Pt. A., pp. 70-73, Geol. Surv. of Canada.

Reports of Minister of Mines, British Columbia:

1910, pp. 154-156; 1916, p. 169; 1918, p. 474; 1920, p. 214; 1921, pp. 215-217; 1922, p. 243; 1923, p. 259; 1925, p. 275; 1934, p. F 12; 1935, pp. F 29-32<sup>++</sup>; 1937, p. F 34; 1968, p. 154.

Mineral Policy Sector; Corporation Files: "Tatlayoco Lake Gold Mines, Limited"; "Rico Copper (1966) Limited"; "Rico Copper Mines, Limited"; "Stryker Resources Ltd."

+++Ball, C.W.; Geological Report, Morris Mine Property, Aug. 21, 1980 - in Stryker Res. L. Statement of Material Facts, 114/81.

Exploration in British Columbia; BCDM: 1980, p. 279.

George Cross News Letter: 1982, No. 166.

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. report by Dolmage.

#Tatlayoko gold-antimony deposits, (Geol.), Sc. 1":200 ft., Fig. 5 - accomp. report by Dolmage, p. 71 A.

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

Morris Property, surface geology, Sc. 1 cm:30 m, Fig. 4, Rept. by Ball.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	10-81	05-86					