

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

SILVERQUICK

OBJECT LOCATED - Mine.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 51°02'40" Long. 122°48'40"  
Lat. Long.

Mining Division Lillooet  
Division minière

District Lillooet  
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

The property is underlain mainly by Upper Jurassic (?) Lower Cretaceous conglomerate and argillaceous shale beds of the Taylor Creek Group.

Mineralization consists of cinnabar associated with quartz, calcite, limonite, and dickite. The cinnabar is present as disseminated grains, streaks, and as small lenses in brecciated conglomerate, as smears on slickenside fault surfaces, and in the mud of gouge seams.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The showings are located at the 5,100' elevation about 1 $\frac{3}{4}$  miles southwest of the junction of Tyaughton and Relay Creeks, some 18 miles north of Bralorne.

The showings were reportedly discovered and staked in 1942 by H.H. Huestis while prospecting for Pioneer Gold Mines of B.C., Limited; the company carried out trenching and stripping in 1943. No further activity was reported until 1954 when W.C. Sevrens located four claims on the same ground. He set up a retort and during 1955 recovered one flask of mercury.

Silverquick Development Co., Inc., of Washington State, optioned the property in August 1961 and staked adjacent ground. Silverquick Development Co. (B.C.) Ltd. was incorporated in British Columbia in March 1963 to acquire 84 claims in the Silverquick, Quicksilver, Dot and other groups. Development work was done in open cuts and a 36 foot adit. A 10 ton per day Gould rotary furnace was installed and operated for a short period during 1964 on ore from a small open pit.

Three companies held options on the property during 1966: about one month's work by Canex Aerial Exploration Ltd. included geochemical and mercury sniffer surveys over a 2- by 3-mile area and some 800' of bulldozer trenching; S.H. Glassmire and associates, of Santa Fe, New Mexico, report having done some 6,500' of bulldozer trenching; Pyramid Mining Co. Ltd. carried out 538' of diamond drilling.

Silverquick Development resumed work on the property during 1967 under a financing agreement with Lillooet Mercury Mines Ltd. An area 300' east of the old open pit was stripped, a 170' adit driven under this area, and diamond drilling in 2 holes totalling 110' was carried out. A bulk sample was shipped for leaching and flotation tests. A 500 ton-per-day mill and 4 ton-per-day retort were installed and the mill was test run without load in 1969. S.H. Glassmire in 1968 estimated proven reserves as 390,000 tons at 2 lb/ton Hg with larger quantities of lower grade available (Northern Miner, September 25, 1969). L.K. Requa (1971) stated there is "not enough data for proven" (Silverquick Development, Statement of Material Facts, 18/04/72). Work ceased in 1969 due to the decrease in the price of mercury. Further trenching and 1,200' of diamond drilling in 6 holes was reported in 1971 under an option agreement with a Vancouver syndicate.

The company name (Silverquick) was changed in 1978 to Quicksilver Resources Limited.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1955 one flask (76 pounds) of mercury was produced. In 1964 about 300 tons of selected ore was mined to produce 5,548 pounds of mercury.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:  
 1943, p. 77; 1955, p. 33; 1962, p. 23; 1963,  
 p. 42; 1964, pp. 81-83<sup>+</sup>; 1966, p. 137; 1967,  
 p. 129; 1968, p. 161.

Geology, Exploration and Mining; British Columbia Dept.  
 of Mines: 1969, p. 186; 1971, p. 327.

Mineral Policy Sector; Corporation Files: "Silverquick  
 Development Co. (B.C.) Ltd."; "Lillooet Mercury Mines  
 Ltd.".

Requa, L.K.; Report on the Tyaughton Creek Property;  
 Silverquick Development Co., Statement of Material  
 Facts, April 18, 1972.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Preliminary Map 43-15 A, Tyaughton Lake, (Geol.), Sc. 1":  
 2 miles, Paper 43-15, Geol. Surv. of Canada.

#Location Map, Sc. 1:50,000, Fig. 1 A - accomp. Rept. by  
 Requa, 1971.

\*Map 92 0/2, Tyaughton Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

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