

PRODUCT MERCURY  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 93 N/6  
RÉGION DU S.N.R.C.

REF. HG 2  
RÉF.

NAME OF PROPERTY NEAL (SUNRISE, INDATA)  
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 55°19' Long. 125°14'  
Lat. Long.

Mining Division Omineca  
Division minière

District Cassiar  
District

County Comté  
Township or Parish  
Canton ou paroisse

Lot  
Concession or Range  
Concession ou rang

Sec. Tp. R.  
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Ajax Mercury Mines Limited,  
625, 925 W. Georgia St.,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Outcrops indicate that the lakeshore claims are underlain almost entirely by Cache Creek Permian limestone. Several small dykes and sills of serpentine cut the limestone. A major branch of the Pinchi fault zone extends in a northwesterly direction about 2,000 feet from, and parallel to, the lake-shore. East of the fault are several small outcrops of argillite and chert of either the Cache Creek or Takla groups. A second fault lies about another 800 feet to the east. Both faults are marked by carbonatized and brecciated zones carrying specks of cinnabar.

The main cinnabar showing occurs in a brecciated fault zone, 10 to 20 feet wide, on the Sunrise claim on the east shore of the lake. The fault dips west at about 70 degrees and has been traced for 1,000 feet. Along the fault zone the limestone has been changed to a buff colour across a width of 30 feet. At its north end the fault zone follows the contact of a serpentine dyke with limestone for 175 feet. The dyke has been altered across its entire width of 15 feet to a reddish buff, ankeritic carbonate with minor amounts of cherty material and green mica. The cherty material occurs in

p.t.o. ....

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

The property is located on the east side of Indata Lake, about 1 mile from the south end, some 31 miles southeast of Takla Landing.

Nine claims, including the Sunrise, were staked in 1940 by Messrs. D. and M. Rottacker and associates. Cominco Ltd. optioned the property in the fall of 1940 and staked the Indata Nos. 1-5 claims along the northeast side of the original group. Some exploration work was done on the optioned claims before the option was relinquished in the fall of 1941. Stripping, trenching, and diamond drilling was done on the Indata group during 1941.

Ajax Mercury Mines Limited, which was organized in January 1966, optioned the property (Neal, Pam and Omac groups).

During the field seasons of 1967 and 1968, exploration work included bulk geochemical sampling and trenching.

The company changed its name to Ajax Resources Limited in 1971, and to Pan-Ajax Resources Limited in 1973.

## DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

irregular nodules a few inches in diameter. Most of the cinnabar occurs as scattered grains, either in the cherty fragments in the serpentine dyke or in similar fragments in the fault breccia.

## REFERENCES/BIBLIOGRAPHIE

Armstrong, J.E.; Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, pp. 164-166, Geol. Surv. of Canada, 1949.

Mineral Policy Sector; Corporation Files: "Ajax Mercury Mines Limited".

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 844 A, Takla, (Geol.), Sc. 1":4 miles (1946).

Map 907 A, Fort St. James, (Geol.), Sc. 1":6 miles - accomp. Memoir 252.

Map 93 N, Manson River, (Topo.), Sc. 1:250,000.

## REMARKS/REMARQUES

Comp./Rev. By  
Comp./rév. par

Date  
Date

09-68

08-74

BCI 93 N - 20, 66, 80