

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

WHITE HOPE

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division <i>Division minière</i>	Slocan	District <i>District</i>	Kootenay
County <i>Comté</i>		Township or Parish <i>Canton ou paroisse</i>	
Lot <i>Lot</i>		Concession or Range <i>Concession ou rang</i>	
Sec <i>Sect.</i>	Tp. <i>Ct.</i>	R. <i>R.</i>	

Lat. 49°49'20"      Long. 117°27'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are porphyritic granites of the Nelson batholith, augen gneiss, hornblende, biotite-feldspar gneiss, minor silicified limestone and skarn. Near Slocan lake the vein conforms to the bedding of the limestone which strikes N65 to 75°W and dips from 26 to 30°NE. A short distance to the east a gulch marks a change in attitude of the beds. On its southern side the attitude of the beds differs from that of the surrounding strata. This section has evidently been undermined at its northwest extremity and subsided into its present attitude. On the north side of the gulch the beds conform with those of the surrounding area. The ore consists of galena, sphalerite, and pyrite, in a gangue of silicified limestone.

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

This property is located astride the Slocan-Silverton highway at Memphis creek, about 5 miles north of Slocan.

The history of the property prior to 1928 is obscure. Cairnes (Mem. 184) reports that it was formerly known as the Paystreak, however the only Paystreak mentioned in the Annual Reports of the Minister of Mines (1897 and 1902) is reported to be on Twelvemile Creek. Maps of the area show Twelvemile and Tenmile creeks as tributaries of Kaslo creek. However, according to the 1906 zinc commission report on the Enterprise mine, Tenmile creek empties into Slocan Lake about 10 miles south of New Denver. On maps of the area this creek is called Enterprise creek. The 1897 report listed the Paystreak property on Twelvemile creek under the heading of "Tenmile creek". Due to these changes in names, the location of the Paystreak property is not clear.

In 1928 the White Hope group, consisting of 6 claims and a fraction, was owned by Messrs. Strand and Tipping of Slocan. During the year a 150 foot tunnel was driven in limestone by leasers C. Hansen and associates of Idaho. The mine was closed in 1929 and remained so except in 1935 and 1942 when it was operated by C.W. Tipping.

In 1947 the property was acquired by M.L. Craig of Nelson. Some of the workings were reopened and a small amount of ore shipped.

In 1948 the Spokane Slocan Co. acquired the White Hope group along with the Homestake, Senator, Get-There-Eli, and V & M claims. During 1950 and 1951 leaser J.J. McDonnell worked the property.

In 1957 the Dolores-Dorothy Exploration & Mining Co. Ltd. of Nelson acquired the White Hope, White Hope No. 1, Homestake and Senator Crown-granted claims and 6 recorded claims.

The main workings are on the White Hope and Homestake claims. On the White Hope a narrow vein has been explored by two adits, 25 feet apart vertically. In the upper adit, which is about 80 feet long with a raise to the surface, from 2 to 6 inches of zinc mineralization was found. The lower adit is 50 feet long and exposes a wider vein section with minor mineralization. Another adit, at the same elevation as the upper, was driven 140 feet as a crosscut to intersect a parallel vein exposed in an open cut above but the vein was not encountered. In 1957 a new adit was begun to explore the veins at a horizon about 50

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1935 to 1951, 71 tons of ore were shipped from this property. From this ore 5 ounces of gold, 663 ounces of silver, 25,112 pounds of lead, and 24,330 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, p. 190. Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1928, p. 296; 1935, p. E 32; 1948, p. 148; 1950, p. 150; 1957, p. 57.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles.

Map 272 A, Slocan, (Geol.), Sc. 1":1 mile.

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

feet below the lowest workings. The crosscut was driven 200 feet but no worthwhile mineralization was encountered.

On the Homestake claim the veins have been prospected by open pits and short adits. In 1957 the lower adit was extended 200 feet but very little mineralization was found.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par								
Date Date	09-62							

BCI 82F/NW-165.