

PRODUCT SILVER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 82 F/14
RÉGION DU S.N.R.C.

REF. AG 11
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HINCKLEY

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°59'50" Long. 117°15'30"
Lat. Long.

Mining Division Slokan
Division minière

District
District

Kootenay

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

Syndicate composed of: W.D. Pengelly

A. Elsmore

R. Harding

R. Fairhurst

C. Uphill

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

This property is underlain by quartzites and argillaceous quartzites which dip steeply to the south. A prominent sill or dyke of porphyritic quartz diorite, 150 feet wide, which may extend to the east to connect with a prominent stock on Carpenter Creek, is exposed on Shea Creek. Workings on the claim explore fissure or fracture zones at least one of which contains small lenses of galena and sphalerite.

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

The Hinckley claim, located on Shea Creek, east of the Victor claim, is owned by W.D. Pengelly and associates of Silverton.

The history of this claim is not complete. In 1898 it was owned by the Hinckley-Black Colt Mining Company, was developed by R.A. Grimes in 1923, and by the Standard Silver-Lead Mining Company in 1924 and 1925. In 1936 and 1937 it was worked under lease and a small amount of ore produced. Some additional work was done in 1941 but following that the claim was dormant until 1954.

Workings consist of 5 adits and a shaft. A fifth adit on the Bear Paw Mineral Claim passes into the Hinckley from the north. Three short adits, one of which is caved, are located at an elevation of nearly 3,800 feet, at the edge of the creek. A short access road was made in 1954 to one of these adits, located on the east side of the stream, and between 1954 and 1957 mining operations were carried on intermittently by the owners, and the adit extended. About 250 feet northeast of this adit a series of small pits exposes an irregular mineralized fracture, and an adit a little lower in elevation explores what is presumably the same zone. The shaft is at an elevation of 3,700 feet near the north boundary of the claim and is inaccessible. A small caved adit is located close to the collar of the shaft. The adit from the Bear Paw claim is located 150 feet lower and 350 feet to the northeast, and has a length of 260 feet. This adit was driven in argillites for 180 feet where it encountered an 80-foot porphyry sill. A crosscut 60 feet to the west encountered a fissure zone, perhaps the same as that on which the shaft was sunk, which was drifted on for 190 feet. In the porphyry the zone is gougy, but in the argillite it is a quartz vein about 6 inches wide.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1936 and 1937 when the claim was worked under lease, 3 tons of ore containing 260 ounces of silver, 4,002 pounds of lead, and 30 pounds of zinc were shipped. In 1955 and 1956 a total of 113 tons of ore containing 2 ounces of gold, 2,707 ounces of silver, 31,778 pounds of lead, 18,220 pounds of zinc, and 129 pounds of cadmium was shipped.

REFERENCES/BIBLIOGRAPHIE

Hedley, M.S.; Geology and Ore Deposits of the Sandon Area, Slocan Mining Camp, British Columbia; Bull. No. 29, p. 79, Dept. of Mines, B.C., 1952.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1924, p. 197; 1937, pp. A 37, E 55; 1954, p. 141; 1955, pp. A 49, 63; 1956, pp. A 51, 95; 1957, p. 54.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Areal Geology of the Sandon Area, Sc. 1":800' - Fig. 2 - accomp. Bull. 29.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles - accomp. Mem. 308.

Map 273 A, Sandon, (Geol.), Sc. 1":4,000'.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-61						

BCT 82F/NW-13.