

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

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

REF. AG 23
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

LEADSMITH (NOONDAY)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°57'
Lat.

Long. 117°11'
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

1954: Noonday Mines, Limited,
415 Baker St.,
Nelson, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

This property is underlain by sediments of the Slokan series. The Noonday lode, as developed in the workings, is a strongly sheared mineralized zone. In the upper levels the lode averages 2 to 3 feet in width, and on the lowest, No. 4, it averages about 5 feet. The zone is largely filled with crushed wall-rock, but in the productive parts, carried lens-like masses and wide ribs of gangue and ore minerals. Mineralization consists primarily of argentiferous galena, with smaller amounts of sphalerite, and a trace of pyrite, in a gangue of calcite and siderite.

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

The property was operated in 1893 by G.J. Atkins and Company, but was acquired by the White interests of Spokane, Washington, prior to 1898. Bruce White, along with his brother, Oscar, carried out development work as funds were available during the next several years until 1915 when Noonday Mines Company was formed to bring the property into production. However, shortly after this time, and before any amount of work had been done, Bruce White died, and the property remained more or less idle until 1925. In that year Leadsmith Mines, Limited, was incorporated and during the next few years, until 1930, carried out extensive development work. Nothing further was done on the property until 1951 when Noonday Mines Limited a wholly owned subsidiary, incorporated in 1947 - of Alpine Mining Company of Spokane, Washington, reopened and examined No. 4 adit. In 1954 the property was under lease, and a small amount of ore was taken out.

Mine workings include 4 adits over a vertical range of between 500 and 600 feet. Production has been entirely from the upper 3 levels, most of it coming from above No. 2 level, which contains about 800 feet of drifts. The drift on No. 3 level is 700 feet in length. Some stoping was done above this level. The No. 4 level, examined in 1951, contains over 3,000 feet of workings, but work on this level was disappointing. According to Cairnes (1935, p. 65), room exists between No. 3 and No. 4 levels for important mineral deposition.

Associated minerals or products - Lead, zinc, gold.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production from 1894 to 1931 amounted to 379 tons, from which were recovered 1 ounce of gold, 17,491 ounces of silver, 321,814 pounds of lead, and 10,296 pounds of zinc.

In 1954 lessees shipped 4 tons having a gross content: silver 140 ounces; lead 3,363 pounds; zinc 609 pounds.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 64, 65, Geol. Surv. of Canada, 1935.

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

Mineral Policy Sector; Corporation Files: "Noonday Mines Limited"; "Alpine Mining Company".

Annual Reports, Dept. of Mines, B.C.: 1926, p. 250; 1929, p. 306; 1951, p. 170; 1954, p. 141.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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.

REMARKS/REMARQUES

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

BCI 82F/NW-56