

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 30
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ALPHA

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°58'
Lat.

Long. 117°18'40"
Long.

Mining Division Slocan
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

Western Exploration Company Limited,
38 S. Dearborn St.,
Chicago, Ill., U.S.A.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Alpha lode is a greatly sheared and fissured zone cutting across the sediments of the Slocan series. The lode is somewhat irregular in the upper levels of the workings, but is more readily followed in the lower levels. The main ore shoot outcropped in the vicinity of the portals of the upper 2 levels. It consisted chiefly of clean galena and oxidized lead ore. It is reported that no ore was encountered in the lower 2 levels, but that it appeared doubtful that the workings had been extended far enough to intercept the main orebody provided it persisted to these lower levels.

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

A large outcrop of silver-lead ore was found here about 1892 at which time the Alpha claim was located. The showing was worked energetically to the end of 1894. At about this time the claim was amalgamated with the Standard. In 1913 the Standard Silver-Lead Mining Company was formed and operated the Standard property until 1921. A little work was done on the Alpha claim in 1915 and 1916 but otherwise the work carried out was apparently all on the Standard claim.

In 1928 the claim was acquired by the Western Exploration Company Limited and has since formed part of their property. In 1932 a tunnel is reported to have been driven on the claim. The last recorded activity was in 1928 when the claim was worked by leasers. For subsequent history see: Standard; Area 82 F/14, Ref. AG 65.

Workings consist of 7 adits driven on the Alpha lode over a vertical range of about 600 feet. The highest of these adits is at an elevation of 4,800 feet and the lowest at 4,200 feet. The length of the adits vary from 170 feet to 1,000 feet, and total about 4,700 feet exclusive of crosscuts and raises. Most of the tunnels are now partially caved and inaccessible.

Silver-lead ore, Slocan series, Provenance 1892-94

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

About 2,000 tons of ore was shipped from this property in 1894 and 1895. This ore yielded 107 ounces of silver per ton and 60% lead. Some ore was obtained from the Alpha claim during the development of the Echo mine, but the amount is not separately recorded.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 136-138, Geol. Surv. of Canada, 1935.

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

Starr, C.C.; Geology of the Standard Mine; Western Miner, pp. 64-69, July 1948.

Mineral Policy Sector; Corporation Files: "Western Exploration Company Limited"; "Standard Silver-Lead Mining Co."

Annual Reports, Dept. of Mines, B.C.: 1894, p. 741; 1895, p. 677; 1896, p. 67; 1904, p. 178; 1911, p. 145; 1915, p. 124; 1932, p. 178; 1938, p. A 36.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	08-61						

BCI 82 F/NW-180