

PRODUCT  
PRODUIT

SILVER

PROVINCE OR  
TERRITORY PROVINCE OU  
TERRITOIRE

British Columbia

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

REF. AG 76  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ALAMO

OBJECT LOCATED - No. 2 adit.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 49°58'40"  
Lat.

Long. 117°17'40"  
Long.

Mining Division Slokan  
Division minière

District  
District

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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks in the mine area are Triassic argillites of the Slokan Series with a general low dip and minor warps and crumples. Those on the north or footwall side of the Alamo lode are overturned and those on the south side are right side up, representing displaced limbs of a large dragfold with nearly horizontal axial plane. In this vicinity the lode is deflected from its normal west-southwest strike to a northwest strike following the bedding in a panel of strata of anomalous attitude. The ore shoot formed in the upper part of this buckle or flexure. The shoot extended from surface to 50' below No. 4 level and had a maximum length between Nos. 1 and 2 levels of about 500'. The lode varies in width from a few inches to over 9' and comprises galena, tetrahedrite, and minor sphalerite in a gangue of quartz, siderite, calcite, and crushed country rock.

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

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

The property is located at elevations of 6,000 to 6,500' on a ridge on the west side of Howson Creek basin, some 3½ miles southeast of New Denver.

The showings were discovered and staked in June 1892. The Alamo (Lot 737) and Ivy Leaf (Lot 738) claims were Crown-granted in 1895 to N.D. Moore and R. McFerran respectively. The Twin Lakes claim (Lot 747) was Crown-granted in 1896 to the Alamo Mining Company, of Spokane, which was incorporated to acquire the property. A 7,100' tramline was built in 1894 to connect with a 50 ton-per-day mill, the first mill in the Slokan area, built in 1894 near the mouth of Howson Creek by Slokan Milling Company Ltd. In 1897 The Scottish Colonial Gold Fields, Limited acquired the Alamo and adjacent Idaho (82 F/14, Ag 77) properties; these were transferred to The Idaho-Alamo Consolidated Mines, Limited in 1903. By 1904 most of the ore had been removed from the Alamo upper 4 levels which total about 1,000' of drifts; a 5th level comprising about 1,000' of crosscut and drift was driven in later years. The five adits developed the lode over a vertical range of about 700'. No. 1 adit has two portals, one of which was driven from the Idaho claim adjoining to west, probably by Idaho Gold Mining & Smelting Company, of Butte, in 1895.

Clarence Cunningham acquired the Alamo and Idaho properties in 1916 and Cunningham Mines, Limited was incorporated in 1924. No further activity was reported on the Alamo until 1926 when lessees shipped 64 tons of ore from No. 2 level; a further shipment of 114 tons was reported in 1928. Consolidated Queen Bess Mines, Limited was incorporated in November 1928 by Cunningham & associates to amalgamate the Alamo, Idaho, and Queen Bess properties.

In 1947 H. Hemsworth & associates of Vancouver acquired the property after clearing the legal tangle which followed Cunningham's death. Alamo Silver-Lead Mining Company Ltd. was incorporated in Ontario in 1948 to acquire the property but no work was reported.

Bess Mines, Limited was incorporated in July 1949 under an agreement between Cunningham Mines, Limited, Bralorne Mines, Limited, and Kelowna Exploration Company, Limited, to acquire an option on the Alamo, Idaho and Queen Bess properties; work was apparently confined to the latter.

**HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION**

Production data is incomplete as it has in part been grouped with the Idaho property (82 F/14, Ag 77); the Idaho claim contains two lodes about 1,000' apart: the Idaho lode, and the westerly extension of the Alamo lode.

Production listed under Alamo for the period 1920-28 totals 393 tons. From this ore 4 ounces gold, 30,226 ozs silver, 114,828 pounds lead, and 92,236 pounds zinc were recovered.

**REFERENCES/BIBLIOGRAPHIE**

Reports of Minister of Mines, British Columbia:  
 1893, p. 1057; 1894, p. 740; 1895, p. 678;  
 1896, pp. 54, 561; 1897, p. 534; 1898, p. 1159;  
 1903, p. 136; 1904, p. 182; 1926, p. 251;  
 1948, p. 145; 1950, p. 147.

+Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Memoir 184, p. 59, Geol. Surv. of Canada, 1935.

++Hedley, M.S.; Geology and Ore Deposits of the Sandon Area, British Columbia; Bulletin 29, pp. 77, 79-81, British Columbia Dept. of Mines, 1952.

Mineral Policy Sector; Corporation Files: "Alamo Mining Company"; "Alamo Silver-Lead Mining Company Ltd."

**MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES**

Map 273 A, Sandon, (Geol.), Sc. 1":4,000' - accomp. Memoir 173, Geol. Surv. of Canada, 1934.  
 Areal Geology of the Sandon Area, Sc. 1":800', Fig. 2 - accomp. Bulletin No. 29, B.C. Dept. of Mines, 1952.  
 Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Memoir 308, Geol. Surv. of Canada, 1960.  
 #Howson creek area, (claims & lodes), Sc. 1":800', Fig. 8 - accomp. Memoir 184.  
 Map 8482 G, Slocan, (Aeromag.), Sc. 1":1 mile.  
 \*Map 82 F/14, Slocan, (Topo.), Sc. 1:50,000.

**REMARKS/REMARQUES**

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-81						