

PRODUCT LEAD  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 104 A/4  
RÉGION DU S.N.R.C.

REF. PB 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

LEAD MOUNTAIN (LUCKY DATE)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Skeena  
Division minière

County  
Comté

Lot  
Lot

Sec  
Sect.

Lat. 56°04'  
Lat.

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Tp.  
Ct.

Long. 129°48'  
Long.  
Cassiar

District  
District

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claims straddle the complex contact-zone of the Bitter Creek formation of argillite, greywacke, and conglomerate, and the overlying Bear River formation, composed mainly of massive and fragmental volcanic rocks. The showings include several rather persistent shear zones and quartz veins erratically mineralized with galena, sphalerite, tetrahedrite, and some pyrite. A lenticular quartz vein, known as the I.X.L. vein, dips 40° west and contains irregular bunches and disseminations of galena, sphalerite, and tetrahedrite. The vein, exposed for a length of 50 feet in an open cut, has a width of 30 inches. A channel sample 28 inches wide across this vein in the cut assayed: gold, 0.01 oz per ton; silver, 5.4 oz per ton; copper, 0.15%; lead, 1.6%; zinc, 6.9%, cadmium, 0.13%.

A persistent quartz stringer lode, known as the Goat vein, which varies irregularly in width from 4 to 30 inches, is exposed at a number of places for a horizontal distance in excess of 800 feet. The quartz contains disseminated pyrite, galena, and sphalerite, and, in places, short lenses of massive base-metal sulphides.

Associated minerals or products - Zinc, silver, copper.  
Minéraux ou produits associés

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

This property is located at the 4,500 foot elevation at the head of the north fork of Bitter Creek some 12 miles northeast of Stewart.

The Lucky Date Nos. 1 to 8 claims were owned by Messrs. McFadden and Younkin in 1928. Part time exploration work was carried on each year for several years. In 1935 the property was owned by J. Hepson, who was continuing the development work. No further work has been reported although the claims were restaked by Messrs. McFadden and Bunn in June 1945 as the Lead Mountain group.

The showings have been explored by open cuts, stripping, a 55 foot long crosscut to the vein, and an undisclosed amount of work on the vein.

White, W.H.; Bitter Creek; Report of Minister of Mines,  
British Columbia, 1946, p. 80.

Hanson, G.; Portland Canal Area, British Columbia;  
Memoir 175, p. 128, Geol. Surv. of Canada, 1935.

Annual Reports, Department of Mines, British Columbia:  
1928, p. 104; 1930, p. 106; 1931, p. 43; 1935, p. B-26.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Mining Properties),  
Sc. 1":4 miles - accomp. Mem. 175.

Map 216 A, Bear River Sheet, B.C., (Geol.), Sc. 1":1 mile -  
accomp. Mem. 159.

Map 217 A, Bear River Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par								
Date Date	07-66							