

NAME OF PROPERTY NOM DE LA PROPRIÉTÉ		LEAD QUEEN	
OBJECT LOCATED OBJET LOCALISÉ			
UNCERTAINTY FACTEUR D'INCERTITUDE		Lat. 50°43'30"	Long. 116°34'
		Lat.	Long.
Mining Division Division minière	Golden	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
Dempster Explorations Limited, 220 Eglinton Ave. East, Toronto, Ontario.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT
A dolomitic limestone and quartzite formation, which strikes northwesterly and dips steeply to the southwest, occupies the west side of an anticlinal fold. A persistent and well defined fault fissure that cuts the limestone apparently conforms to the strike and dip of the formation. The mineralized vein ranges in width from a few inches to about 3 feet and consists of broken and crushed quartz carrying finely crystalline galena, and usually a streak of high-grade massive galena.
A second fault zone, on the west side of the property, contains high grade ore over widths of from 4 to 9 inches, with some mild dissemination and alteration beyond.

HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR
The Lead Queen group is situated at an elevation of 7,700 feet in a basin on the north side of and near the head of Frances Creek. The Steele group is located north of and adjoining the Lead Queen group at an elevation of about 8,300 feet on what is probably the northern extension of the Lead Queen fissure.
The Lead Queen group of 9 claims was located in about 1900 by Tom Brown of Wilmer. The property was worked intermittently by Brown and associates until 1915 when J.T. Burgess optioned the property and reportedly formed a company to carry on development work. The company went into liquidation in 1916 and the property reverted to the original owners. The property was subsequently acquired by Paul Denhart of Seattle and intermittent work was carried on until about 1923. New York interests acquired the property in 1925 and intermittent work was carried on into 1929. Claims Crown-granted in 1928 were: Lead Queen (Lot 12763), Columbia, First Effort, and Big Chief to Dorothy McKay; Colum Chief Fraction to E.M. Davis; Lead King to Frances Simonds; Lucky Chief Fraction to A.F. Hyde.
The upper workings consist of some 900 feet of crosscuts and drifts in 3 adits. A long meandering crosscut, possibly 1,100 feet in length, was driven at the 6,700 foot elevation to intersect the vein but it is not known if the vein was found. A fifth adit was driven 150 feet to explore a second fault zone on the west side of the property.
The property was held by Silver Queen Mines Limited for a number of years but remained inactive. In January 1965 Lorne Dempster acquired an option to purchase the property and subsequently assigned the option to a private company Silverton Explorations Limited. During 1965 the Cable Nos. 1-31 claims were staked adjacent to the original claim group. In April 1966 Dempster Explorations Limited obtained a working option on the property.
<i>Frances Creek 7.7 miles (1972)</i>

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1916 to 1929, 429 tons of ore were shipped from this property. From this ore 1 ounce of gold, 14,120 ounces of silver, 321,582 pounds of lead, and 2,630 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1902, p. 137 ; 1903, p. 105; 1905, p. 146; 1909, p. 102; 1915, pp. 82, 98; 1916, p. 187; 1917, pp. 147, 177; 1918, pp. 151, 185; 1919, p. 113; 1920, p. 138; 1925, p. 225; 1926, p. 240; 1927, p. 265; 1929, p. 292.

Walker, J.F.; Reconnaissance in the Purcell Range West of Brisco, Kootenay District, British Columbia; Summary Report, 1925, Pt. A, p. 227, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Dempster Explorations Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 12-1957, Lardeau, B.C., (Geol.), Sc. 1":4 miles.

Map 82 K/10 E, Howser Creek, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

DMacR

Date

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