

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

LAVINA

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Division minière	Slocan	District District	Kootenay	Lat. 50°15' Lat.	Long. 116°53'30" Long.
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

Embassy Petroleums Ltd.,  
Suite 1180,  
707 7th Ave. S.W.,  
Calgary, Alberta.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of limestone and dolomite of the Badshot Formation of Late Precambrian age. These rocks, lying on the eastern limb of the Duncan anticline, dip between 35 and 60° to the east. The mineralization, consisting of cubic and fine grained galena, occurs in a network of small veins, some parallel to and others crossing the formation. The veins vary from a few inches to 4 ft. in width. The gangue in some of the veins is white milky quartz; in others, calcite. The ore is found most commonly as lenses and bunches in veins in the limestone below a narrow band of dark grey biotite schist.

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

The Lavina group, consisting of the Lavina, Iron Cap, Ruthie Bell, St. Joseph, Butte Fraction, and Giant mineral claims, lies on both sides of the summit of Mount Lavina. The property is located about 2 miles east of the Duncan River and about 4½ miles north of the north end of Kootenay Lake.

The showing was discovered in 1897 and exploration and development work was begun at that time. The property was described in the 1899 B.C. Annual Report under the names "Lavenah" and "Otto's Midget". In 1900 the Lavina claim (Lot 3784) was Crown-granted to A.R. Macdonald and F. Viets. The Lavina Butte Mining Co. was formed in about 1901 and apparently operated the mine until it closed in 1903. The mine remained closed from 1904 to 1924 except for a period during 1918 in which leasers mined and shipped a small quantity of ore.

In 1924 the mine was reopened by E. Nordman & associates who obtained the property under lease and bond from the Bank of Montreal. Mining operations continued into 1926 and the last shipment of ore was made the following year.

The workings consist of many hundred feet of tunnels, raises, and open-cuts on both the Hamill and Glacier creek slopes of Mount Lavina. The main workings consist of two interconnected adits on the north slope of the mountain, one at 7,215 and the other at 7,380 ft. elevation.

The property was held for many years by B.T. O'Grady who in turn sold it to Embassy Petroleums Ltd. in 1959. The company engaged an engineering firm to prepare a report on the property.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1901 to 1927, 232 tons of ore were shipped from this property. From this ore 8,678 ounces of silver and 269,508 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Fyles, J.T.; Geology of the Duncan Lake Area, Lardeau District, B.C.; Bulletin No. 49, p. 75, B.C. Dept. of Mines & Petroleum Resources, 1964.

Gunning, H.C.; Lardeau Map-Area, B.C.; Memoir 161, pp. 105-108, Geol. Surv. of Canada, 1930.

Mineral Policy Sector; Corporation Files: "Embassy Petroleum Ltd."

Annual Reports, Dept. of Mines & Petroleum Resources, B.C.: 1897, p. 528; 1899, p. 694; 1904, p. 161; 1925, p. 235.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Duncan Lake Area, Sc. 1":1 mile - accomp. B.C. Dept. of Mines & Petroleum Resources Bulletin 49.

Map 235 A, Lardeau Area, B.C., (Geol.), Sc. 1":4 miles - accomp. Mem. 161.

Map 82 K/7 W, Duncan Lake, B.C., (Topo.), Sc. 1:50,000.

Map 82 K/2 W, Lardeau, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	08-65						