

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

FLORENCE GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Division minière	Slocan	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.	

Lat. 49°46' Long. 116°55'30"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are limestones, schists and greenstones of the upper part of the Milford group. Granites of the Nelson batholith are exposed about two miles to the west. The rocks strike approximately north and dip to the west at about 40°. Minor folds in the bedding decreases the dip to almost zero in some places. A series of parallel fissures, striking east-west and dipping about 40° south, cut the rocks in this locality. Two types of ore deposits are found here. Replacements in limestone usually occur at the contact of the limestone with the overlying schist. Fissure vein ore occurs at the contact of the quartz and the schist and in sheared greenstones. The ore is coarsely crystalline galena and sphalerite with some pyrite and chalcopyrite. The gangue is altered limestone, calcite, quartz, and fluorite.

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

This property lies along the west side of Kootenay Lake between Cedar Creek and the South Fork of Woodbury Creek. The mining operations have been confined largely to the Florence Fraction, Laura M., Twin, Hope Fraction and Illinois claims. Some of these claims were staked as early as 1899 but apparently little development was done until 1911. The Florence Mining Co. of Spokane took over the property in 1912 and operated it more or less continuously until 1923. Five levels were established, the lowest one (No. 5) was the main haulage level. Considerable stoping was done between No. 5 and No. 4 levels and above No. 2 level. Leasers operated the mine in 1923-24.

In 1926 the Kootenay-Florence Mining Co. Ltd. acquired 18 claims in the area, including those listed above. A new low level tunnel (No. 9 level) was driven for 7,985 feet to explore the downward continuation of the orebodies found in the old workings. A raise was driven from No. 9 to No. 5 level, partly for ventilation purposes. Intermediate levels were established from this raise. Most of the stoping was done between No. 9 and No. 8 levels.

The mine closed down late in 1929 and was not opened again until 1942 when it was taken over by the Wartime Metals Corporation. They continued operations until May 1944 and then operations ceased. Ainsmore Consolidated Mines Ltd. owned and operated the mine from 1945 through 1950.

Western Mines Ltd. of Vancouver obtained the property in 1951. The Consolidated Mining and Smelting Col. Ltd. obtained an option on the property and carried out a geological and geophysical survey of the surface. A diamond drilling program, totalling 23,000 feet was carried out to investigate a gentle arc in the limestone beds. Very little ore was found so the option was dropped. Leasers carried out small scale mining operations on the Lakeshore and Florence claims in 1958-1960.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1912 to 1960, 131,824 tons of ore were shipped from this property. From this ore 91 ounces of gold, 198,572 ounces of silver, 14,637,960 pounds of lead, 3,055,460 pounds of zinc and 11,925 pounds of cadmium were recovered.

REFERENCES/BIBLIOGRAPHIE

Schofield, S.J.; Geology and Ore Deposits of Ainsworth Mining Camp, British Columbia; Mem. 117, pp. 40-41, Geol. Surv. of Canada, 1920.

Rice, H.M.A.; Geology and Mineral Deposits at Ainsworth, British Columbia; Paper 44-13, Geol. Surv. of Canada.

Rice, H.M.A.; Nelson Map-Area, East Half, British Columbia; Mem. 228, Geol. Surv. of Canada, 1941.

Hedley, M.S.; Annual Report, Dept. of Mines, B.C.; 1951, pp. 156-159.

Annual Reports, Dept. of Mines, B.C.; 1928, p. 298; 1929, p. 322; 1953, p. 131; 1955, p. 58; 1956, p. 91; 1957, p. 50.

Mineral Policy Sector; Corporation Files: "Florence Mining Co."; "Kootenay-Florence Mining Co. Ltd."; "Ainsmore Consolidated Mines Ltd."; "Western Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Maps and Mine Plans - accomp. Mem. 117.

Map 603 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 228.

Map 82 F/15 W, Kaslo, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par		DMacR					
Date Date	07-62	08-87					

BCE 82F/NE-16.