

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

WAKEFIELD

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division <i>Division minière</i>	Slocan	District <i>District</i>	Kootenay
County <i>Comté</i>		Township or Parish <i>Canton ou paroisse</i>	
Lot <i>Lot</i>		Concession or Range <i>Concession ou rang</i>	
Sec <i>Sect.</i>	Tp. <i>Ct.</i>	R. <i>R.</i>	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks in the vicinity of the property are carbonaceous argillites, grey quartzites, some limestone and calcareous argillites intersected by a few acid dykes and sills. The sediments have a strike varying from N40°E to nearly east, and an average dip of 15 degrees to the southeast and south. The lode conforms closely with the bedding of the enclosing rocks and has, consequently, a low dip. Between the highest and lowest levels it has been developed on the dip for 1,000 feet. As explored the lode has an average width of about 6 feet above No. 3 level, and 4 feet below, and has a maximum breadth of 20 feet. The lode is composed of bands and lenses of coarsely crystalline calcite with films and bands of crushed gouge and in places small lenses of quartz. Mineralization consisting mainly of galena and sphalerite forms narrow bands and lenses along the hanging-wall side of the calcite bodies.

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

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

This group was owned in 1952 by Kelowna Exploration Company Limited, and is located on the steep hillside on the southwest flank of Selkirk Peak at an elevation of about 5,800 to 6,000 feet.

The Wakefield group was developed originally by Wakefield Mines Limited who began mining operations on the property in 1897, and in 1900 completed a 100-ton mill on Silverton Creek. An aerial tram line connected mine and mill. This company suspended operations in 1902 and for five years thereafter the property was worked under lease by various interests. Further work was done in 1915 and in 1918 an option on the claims was taken by Clarence Cunningham, and later by the Victoria Syndicate. In 1912 the mill burned down and was rebuilt by the owners of the Hewitt mine. In 1929 the Wakefield property was leased to A. Jarvis, who is reported to have shipped several tons of ore.

Workings at Wakefield mine comprise 7 adits over a vertical range of about 200 feet. The longest adit, No. 2, is 850 feet long, and most of the ore mined came from this adit and the No. 1 adit, both of which are now inaccessible.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

The first shipment from this property, made in 1899 amounted to more than 500 tons containing 120 ounces of silver per ton and 48% lead. About 8,000 tons of ore milled in 1900 and 1904 contained 9.5 ounces of silver per ton and 8.5% lead. The last recorded production was in 1929 when 40 tons of ore were shipped. Total recorded production amounted to 9,858 tons containing 193,930 ounces of silver, 2,449,159 pounds of lead, and 10,435 pounds of zinc.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 157-159, Geol. Surv. of Canada, 1935.

Hedley, M.S.; Geology and Ore Deposits of the Sandon Area, Slocan Mining Camp, British Columbia; Bull. No. 29, pp. 120, 121, Dept. of Mines, B.C., 1952.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308; Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1903, p. 137; 1904, pp. 175, 176; 1929, p. 315.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 272 A, Slocan Sheet, (Geol.), Sc. 1":1 mile.

Map 273 A, Sandon, (Geol.), Sc. 1":4,000'.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles - accomp. Mem. 308.

Areal Geology of the Sandon Area, Sc. 1":800' - Fig. 2 - accomp. Bull. 29.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	08-61						