

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

OTTAWA GROUP

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°47'30" Long. 117°24'

Mining Division Slokan  
Division minière

District Kootenay  
District

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

Slocan Ottawa Mines Ltd.,  
201, 569 Howe Street,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are porphyritic granites of the Nelson batholith. A wide, sheared and brecciated zone trends nearly north and dips easterly at from 25 to 45°. There are two rather well defined veins, the West, or Noble, and the East, or Ottawa. In the vicinity of the workings they are about 30 feet apart with granite in between. They are not quite parallel but approach each other toward the south. Most of its production has come from the East lode which varies from 2 to 20 feet wide and is composed of gouge, crushed and broken granite, and locally vein matter. The West vein, which is up to 50 feet wide, doesn't show much mineralization although some quartz lenses as much as 2 feet thick were observed. Quartz also occurs as a cement to fragments of the country rock. The ore consists of high grade, silver-bearing minerals such as argentite, native silver, galena, sphalerite, pyrite, and, probably, grey copper. In places barite is a predominant gangue mineral.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is situated on the north side of the valley of Springer creek at an elevation of about 4,600 feet. It may be reached by 5 miles of road from Slocan City.

The Ottawa claim was located in 1896 but development work was meagre until 1902 when it and some adjoining claims were acquired by a Pittsburg syndicate. By 1904 the property was developed by 3,500 feet of tunnel on 4 levels. It was operated intermittently by the owners until 1908 and then by leasers until 1913.

In 1913 the group of over 20 claims was acquired by the Consolidated Mining & Smelting Co. Ltd. and extensive development work was carried on until 1918 when the mine was closed and the equipment removed. The workings at this time consisted of 5 adits at vertical intervals of 100 feet and a 6th level driven from a shaft. Leasers continued to operate the mine until 1935. A flotation mill was built to test the old mine dump but this burned shortly after being put into operation.

In 1935 the group, consisting of 31 claims, was acquired by the Ottawa Silver Mining & Milling syndicate of Spokane. They drove an 8th level as a crosscut for 1,200 feet and then drifted on the vein. Leasers worked the property intermittently from 1941 to 1950. An option on the property was given to Violamac Mines (B.C.) Ltd. in 1950. The following year Harrison Drilling and Exploration Co. Ltd. of Vancouver held operating control under an agreement with Violamac Mines. Harrison Drilling and Exploration Co. Ltd. was reorganized in 1953 under the name of Hardex Mines Ltd. and a diamond drilling program was carried out. In 1956 the owners resumed operations.

An option on the property was given to the Yukon Western Mining & Prospecting Co. Ltd. of Slocan City in 1958. In 1960 the name of this company was changed to Skylane Mines Ltd. Most of the work done at this time was confined to stoping in the West vein on No. 8 level.

In 1960 Ottawa Silver Mines Ltd. bought the option from Skylane Mines Ltd. Later in the year an option was given to the Silver Buckle Mining Co. of Wallace, Idaho. This option was dropped in December after a geological examination of the property had been made. A 9th level was started at this time.

In 1962 a ventilation raise was driven from No. 8 level to No. 6 level, a distance of approximately 470 feet, following

p.t.o. ....

## HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1902 to 1961, 8,876 tons of ore were shipped from this property. From this ore 20 ounces of gold, 1,135,627 ounces of silver, 757,879 pounds of lead and 4,732 pounds of zinc were recovered.

During 1962, 740 tons of ore were shipped from this property. From this ore 2 ounces of gold, 46,327 ounces of silver, 1,824 pounds of lead and 2,042 pounds of zinc were recovered.

During 1963 and 1964 a total of 6,784 tons of ore were shipped from this property. From this ore 8 ounces of gold, 94,572 ounces of silver, 5,368 pounds of lead, and 2,350 pounds of zinc were recovered.

## REFERENCES/BIBLIOGRAPHIE

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, pp. 140-141, and Fig. 10, Geol. Surv. of Canada, 1960.

Cairnes, C.E.; Description of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 182-183, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1904, p. 164; 1921, p. 138; 1938, p. E 31; 1962, p. 84; 1963, p. 79; 1964, p. 127.

Mineral Policy Sector; Corporation Files: "Ottawa Silver Mining & Milling Syndicate"; "Slocan Ottawa Mines Ltd.".

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Map 272 A, Slocan, (Geol.), Sc. 1":1 mile - accomp. Mem. 173.

Map 82 F/14 W, Slocan, B.C., (Topo.), Sc. 1:50,000.

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

the dip of the vein. In driving the raise, several lenses of very high-grade ore were opened up and subsequently stoped out. The No. 9 level drift was extended to a length of 500 feet. During 1963 and 1964 exploration and development work was carried out on No. 9 level. A 75-ton mill was built in 1963 and put into part time operation in 1964.

In 1963 the company was reorganized under the name Slocan Ottawa Mines Ltd.

## REMARKS/REMARQUES

Comp./Rev. By  
Comp./rév. par

Date  
Date

02-66

BCI 82F/NW-155.