

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 82 F/14 RÉGION DU S.N.R.C.	REF. AG 41 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

VAN ROI

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°55'40" Long. 117°17'30"

Lat. Long.

Mining Division Slocan
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

Kopan Developments Ltd.,
906, 11 Adelaide St. W.,
Toronto.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are quartzites, limestones and argillites of the Slocan group. In the vicinity of the mine they vary in strike from N35° to 75°E and dip from 55 to 80°NW. The strata are intersected by a few dykes, up to 50 feet wide, which range in composition from felsite to diorite. The vein system occupies a complex fault zone, probably averaging not less than 100 feet in width, that trends roughly N60°E and dips 70°NW. The system has been described in terms of a north and south vein but veins exist in branching shears that are sufficiently well mineralized to be worth exploring. A number of ore shoots, having a steep westerly rake, occur at irregular intervals along the veins. The vein material consists of quartz with minor siderite and calcite, in many places cementing brecciated wall-rock. Metallic minerals present in the veins are galena, sphalerite, grey copper, ruby silver, some native silver, pyrite, and a little chalcopyrite.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The mine is located to the south of Silverton Creek and may be reached by either of two roads from Silverton, each about 6 miles long. One road follows Silverton Creek, the other is via the Hewitt mine.

The original claims were staked in 1892 and the initial production of ore was in 1893 from the Mountain Boomer claim. The Vancouver group, comprised of the Vancouver, Mountain Boomer, Le Roi, Iowa, and Doone claims, was operated from 1896 to 1907. In 1908 the Vancouver was acquired by the Van Roi Mining Co., an English syndicate, and operations continued until 1914.

The Van Roi and Hewitt properties were acquired by C. Cunningham, of Sandon, in 1917 and intermittent mining operations were carried out under the name of Cunningham Mines Ltd. until 1927. Leasers worked the property the following two years and then it was reported to have been acquired by Amalgamated Mines Ltd. of Vancouver. That same year (1929) Van Roi Mines Ltd. took over the property and operated it intermittently until 1931. Helena Gold Mines Ltd. acquired the property in 1933 but did not open the mine.

In 1942 International Metals Inc. Ltd. began to rehabilitate the mine but abandoned the project before it was completed. The Granby Co. Ltd. did some rehabilitation work on the property in 1946.

Van Roi Mines (1947) Ltd. reopened the mine and operated it for two years. In 1950 the Van Roi Consolidated Mines Ltd. was formed to operate the Van Roi and Hewitt properties. Controlling interest in this company was held by Transcontinental Resources Ltd. Options on the Galena Farm and Metallic properties were held for one year. In 1954 the company was reorganized under the name of Slocan Van Roi Mines Ltd. and leasers operated the mine until it was closed in 1957. The name of this company was changed to Kopan Developments Ltd. in 1960.

The property is developed on 9 levels, the workings following the fault zone for nearly 3,000 feet and to a depth of about 1,200 feet. To the west the same zone has been explored by the Hewitt mine and possibly it continues to the shore of Slocan Lake in the vicinity of the Galena Farm mine.

In December 1970 Kopan Developments Limited entered into a joint venture agreement with Arjan Pacific Ltd. Geological

p.t.o.

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

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa
509306 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1893 to 1955, 300,181 tons of ore were shipped from this property. From this ore 277 ounces of gold, 2,594,983 ounces of silver, 16,940,115 pounds of lead, 15,161,368 pounds of zinc, and 26,817 pounds of cadmium were recovered. During the period 1956-1958 shipments were made from the Van Roi and Hewitt mines but the returns were not listed separately.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Description of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 149-153, Geol. Surv. of Canada, 1935.

Mineral Policy Sector; Corporation File: "Kopan Developments Limited".

Annual Reports, Dept. of Mines, B.C.: 1911, pp. 148-150; 1929, p. C. 314; 1952, p. 179.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, p. 136, Geol. Surv. of Canada, 1960.

Summary Report 1925, pp. 209 A-210 A, Geol. Surv. of Canada.

Canadian Mines Handbook, 1962, pp. 134, 233.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 409.

10-2-5 - Nelson - Geol. Resources - Project 1112

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

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

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

mapping was carried out in 1971. Arjan Pacific in 1973 acquired title to 43 Crown-grants covering the Van Roi and Hewitt (82 F/14, AG 51) properties.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-62	03-74					

BCI 82F/NW-64