

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

RAINBOW

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°58'30" Long. 117°06'30"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks underlying the property are metamorphosed argillites and quartzitic beds striking northeasterly and dipping steeply to the southeast. These rocks are intruded by a few acid dykes and lie within the contact metamorphic zone of the Nelson batholith, which outcrops to the southeast of, and probably underlies the area at shallow depth. Workings explore 3 parallel or nearly parallel vein lodes, each of which marks the course of strong shearing and fissuring in a direction nearly parallel with the strike of the bedding of the enclosing sedimentary rocks.

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

The only recorded shipments from this property were in 1924 and 1926. Workings include a shaft and 2 adits. The latter are about 230 feet apart vertically and the collar of the shaft about 100 feet above and 130 feet southwest of the portal of the lower adit. All three lodes are encountered in the lower adit level. This adit was driven as a crosscut for 125 feet to the most easterly lode, and continued for about 140 feet southwest as a drift on the lode. A crosscut from near the face of the drift was driven 180 feet to the northwest cutting a second lode at 85 feet, and a third lode, known as the "McInnis vein", at 165 feet. The second lode is about 4 feet wide with gouge on both walls and is composed of crushed rock containing a little calcite and siderite. The McInnis lode at this level is about 10 feet wide but shows little mineralization. Higher up, however, this lode was intersected at 30 feet from the portal by the upper crosscut adit, and was followed southwest by a drift for 60 feet. In this drift a few lenses of vein matter were encountered; at the face of the lode was about 18 inches wide.

The easterly or main lode, as exposed in the lower adit has a maximum width of at least 20 feet and is largely composed of gouge and crushed wall-rock. Mineralization composed largely of gangue minerals, with galena, sphalerite, pyrite and oxidized vein matter forms a vein 4 to 18 inches wide along the foot-wall of the lode. In addition ore minerals are found in small lenses, stringers, and disseminations, at irregular intervals through the lode filling. According to Cairnes (1935, p. 243), "The size of the lode and its favourable geological situation encourage its further exploration".

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1924 and 1926 a total of 6 tons of ore were shipped. One ounce of gold, 553 ounces of silver, and 6,533 pounds of lead were recovered from this ore.

According to Cairnes (1935, p. 242), when he visited the property in 1926, lessees calculated they had about 20 tons of ore ready for shipment.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 242, 243, Geol. Surv. of Canada, 1935.

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

Annual Report, Dept. of Mines, B.C.: 1926, p. 265.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	10-61						

BCI 82 F/NW-87.