

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

EDEN and CRESCENT CLAIMS

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.	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

1961: Yale Lead & Zinc Mines Ltd.,
525 Seymour St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are slates, argillites, limestones and schists of the Milford group. Granites of the Nelson batholith are exposed about a mile to the west. The rocks strike north and dip about 40° west. The vein is part of the Eden & Crescent-Krao system that can be traced at intervals for some 7,000 feet. On it are the Eden & Crescent, Last Chance, Firebrand, Crow Fledgling and Krao mines. In general it is parallel to the bedding although in places it splits into two or more components. Movement along the vein has produced a fault zone of 3 to 4 feet of gouge and crushed rock. Galena and sphalerite occur as replacement deposits in the limestone, near the contact with the overlying schist.

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

These claims extend in a general north-south direction across Coffee and Krao creeks. The mine may be reached by a 1½ mile long road up Coffee creek from the Nelson-Kaslo highway.

Both claims were Crown-granted to the Columbia Mining Co. in 1894. Small scale mining operations were first reported in 1890 but the details of this and later operations have not been recorded.

Development work was begun in 1916 when the property was worked by leasers under an option from the Larson estate. In 1919 the Eden and Crescent Mining Co. acquired the property along with 7 other claims plus a fraction. They drove a crosscut 550 feet to intersect the vein at a depth of about 145 feet and then drifted on the vein for about 30 feet. Two shafts, 100 feet apart, were sunk on the Crescent vein, one 40 feet deep, the other 27 feet deep. The company ceased operations in 1919 and the mine remained closed until 1937. Leasers worked the property during 1937-38.

The Yale Lead and Zinc Mines Ltd. acquired the property in 1949 and leasers mined on a contract basis until 1956 when the operation was abandoned. A stope, about 50 feet long, was carried up the vein to the surface. An inclined shaft was sunk 120 feet on the vein from the adit level. Some stoping was carried out up to the adit level but very little ore was found to either side of the shaft.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1890 to 1942 approximately 340 tons of ore were shipped from this property. From this ore 3,100 ounces of silver and 202,000 pounds of lead were recovered. From 1953 to 1955, 10,431 tons of ore were shipped, however the returns from this ore have not been recorded separately.

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Nelson Map Area, East Half, British Columbia; Mem. 228, p. 77, Geol. Surv. of Canada, 1941.

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

Annual Reports, Dept. of Mines, B.C.: 1917, pp. 153, 187; 1953, p. 130; 1954, p. 131; 1955, p. 57.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1742, Ainsworth, (Geol.), Sc. 1":24,000' - accomp. Mem.117.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	07-62						

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