

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

KILLARNEY

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°53'10" Long. 118°30'20"

Mining Division Vernon District
Division minière

District Osoyoos

County Comté Township or Parish
Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Cr. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks in the vicinity of the workings are mainly greenstone of the Palaeozoic Anarchist Group. They are for the most part extensively faulted and sheared. They are associated with greyish intrusives and are cut by 2 or more quartz porphyry dykes varying up to at least 10 feet in width. A quartz vein striking about N60°W and dipping northerly is cut in No. 3 adit by a fault which dips at a low angle to the west. What is apparently the same vein was picked up in No. 2 adit, some 25 feet below No. 3, and was drifted on for 45 feet to the northwest. In the drift the vein dips about 50° north-easterly, varies in thickness up to a foot or more, and consists of quartz carrying a streak of solid sulphide up to several inches wide and composed chiefly of galena with some sphalerite and pyrite. Near the face of the adit the vein is dislocated and dragged along a fault. Indications are that the vein is involved in a series of stop faults which throw it successively farther north. The vein or veins on the property have the same general west to northwesterly strike and northerly dip characteristic of the main vein on the Lightning Peak group to the east, and at the Waterloo mine 2½ miles to the west.

Associated minerals or products - Lead.
Minéraux ou produits associés

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

This property is located at the 6,000 foot elevation at the head of the west fork of Rampalo Creek, about 1 mile northeast of Lightning Peak and some 40 miles east of Kelowna. The Lightning Peak property adjoins to the east.

The Killarney group consists of 4 Crown-granted claims, the Killarney, Thunder Hill, Lucky Jim Fraction, and Lost Kayuse, Lots 4637-4640, respectively. The Killarney claim was staked in about 1918 by W.J. Banting on his discovery of mineralized talus. Two adits, 25 and 50 feet, respectively, were driven but the vein was not located. Trenching higher up the valley slope located the vein in 1922. Intermittent exploration work was carried on by Mr. Banting until about 1935. Three adits were driven in an effort to follow the faulted vein segments. The two lower adits consist of crosscuts and drifts, the maximum length of drift on vein segments being about 45 feet; the upper (No. 3) adit is a very short drift. The Lost Cayuse claim was Crown-granted to T.W. Sayer in 1924; the Killarney and Thunder Hill claims were Crown-granted to W.J. Banting in 1925; the Lucky Jim Fraction was Crown-granted to J.A. O'Reilly in 1926.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1919, one ton of ore was reported shipped from this property. From this ore 70 ounces of silver and 793 pounds of lead were recovered. This was apparently sorted ore, recovered from the talus in which the initial discovery was made.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Lightning Peak Area, Osoyoos District, B.C.; Summary Report 1930, Part A, pp. 108-110, Geol. Survey of Canada.

Reports of Minister of Mines, British Columbia: 1919, p. 174; 1922, p. 171; 1923, p. 182; 1924, p. 164; 1925, p. 196; 1927, p. 227; 1929, p. 256; 1930, p. 226; 1933, p. 151; 1935, p. D15.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 6-1957, Kettle River, (Geol.), Sc. 1":4 miles.
 Map 82 E/15 E, Damfino Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-70						