

NAME OF PROPERTY

ROSSLAND (McPHAIL)

OBJECT LOCATED-Rossland claim (Lot 3766 G. 1).

UNCERTAINTY IN METERS 100. Lat. 50°06'40" Long. 118°30'45"

Mining Division Vernon District Osoyoos

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Map 1059 A indicates the claims are underlain by Carboniferous (?) and Permian Cache Creek Group sediments and volcanics, a short distance north of the contact with Jurassic and/or Cretaceous granitic rocks of the Coast Intrusions. On the Rossland claim a quartz vein varying from 4 to 10 feet in width strikes westerly, dips about 54° south, and has been traced for about 1,500 feet on surface. Mineralization, chiefly pyrite, galena, sphalerite, and chalcopryrite, occurs in small segregations and minute specks through the quartz. Samples from the main workings assayed from 0.02 to 0.38 ounce gold per ton. On the Evening Star claim, which adjoins the Rossland on the northwest, an adit has been driven on a quartz vein from 6 inches to 1 foot wide which strikes southwest (mag.) and dips near vertical. The quartz is mineralized with pyrite, galena, and chalcopryrite. Two samples from the adit carried neither gold or silver.

Associated minerals or products of value - Lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the west side of Monashee Pass, west of Monashee Mountain, 35 miles east-southeast of Vernon. The Monashee property (82 L/2, AU 1) adjoins to the east, on the east side of the pass.

The Cherry Creek Gold Mining Company, Limited, incorporated December 1902, optioned the Rossland and Evening Star claims from A.A. McPhail and J. McCorkell. Development work during 1902-04 included several hundred feet of drifts and raises in 2 or more adits. The company built a 5-stamp mill, which operated for a short period in 1903. The company also held the adjoining Monashee property so the source of the mill feed is in doubt. The company was forced into liquidation in about 1905.

Three claims, the Rossland, Mascot, and Evening Star were sold by McPhail and McCorkell to The Fire Valley Gold Mining Company, Limited, which was incorporated in October 1907 by Dr. A.H. Eiftman and associates. The company head office was given as St. Paul, Minnesota. The three claims (Lots 3766 G. 1-3768 G. 1, respectively) were Crown-granted to the company in 1910. Three additional claims, the Number Four, Number Three, and Number Two (Lots 3913 G. 1, 3916 G. 1, and 3915 G. 1, respectively) were Crown-granted in 1911 to A.A. McPhail, S.J. McCorkill, and F. Billings. The company began driving a new crosscut adit on the Rossland claim in 1914. All work was suspended in 1915. The workings at that time included 3 adits, a 170 foot drift with 2 raises of 25 and 50 feet, and a 800 foot crosscut, which did not intersect the vein, on the Rossland claim, and a 230 foot adit on the Evening Star claim.

Monashee Mines Syndicate, Limited, was incorporated in December 1933 to acquire the Rossland, Evening Star, and Mascot claims, and the adjacent Monashee property. Development work, financed by Vidette Gold Mines, Limited, during 1934-35, was apparently confined to the Monashee property.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1902, p. 188; 1903, p. 178; 1904, p. 228; 1905, p. 193; 1907, p. 128; 1910, p. 278; 1911, p. 292; 1913, p. 179; 1914, p. 359; 1933, p. 155;

MAP REFERENCES

Map 1059 A, Vernon, (Geol.), Sc. 1":4 miles - accomp. Memoir 296, Geol. Surv. of Canada.

#Map 82 L/2, Creighton Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	5-75						

BCI 82L/5E-9