

NAME OF PROPERTY

MONASHEE (RISKE)

OBJECT LOCATED -Withrow claim (Lot 306).

UNCERTAINTY IN METERS 100 Lat. 50°06'30" Long. 118°30'20"

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. Very little information is available with regard to the mineralization. An adit has been driven on a quartz vein which pinches and swells from 1 foot to 5 feet in width, strikes northeasterly and dips 34° southeast. The widest sections of the vein occur near faults. The vein is reported to have been traced on surface for about 2,500 feet. The mineralization includes pyrite, galena, chalcopyrite, sphalerite, magnetite, and native gold. A faulted outcrop of a 6 foot wide quartz vein has been explored by adit but not described. A few feet north of the vein outcrop another adit has been driven on a quartz vein which varies from 1 to 4 inches in width, strikes southeasterly, and may be a stringer in see Card 2

Associated minerals or products of value - Silver, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the east side of Monashee Pass, at the west side of Monashee Mountain, 35 miles east-southeast of Vernon. The old Crown-granted claims (Lots 300, 192-195) extend from the pass at about the 3,800 foot elevation eastward to about the 5,000 foot elevation at the head of Marsh Creek. The Rossland (McPhail) property (82 L/2, AU 2) lies on the west side of Monashee Pass.

The first reported work on the property was in 1886, although one report suggests that development began some 12 years earlier. Underground development and the stock-piling of ore was carried out each year. The following claims were Crown-granted: the McIntyre (Lot 194) to D. McIntyre, the Vernon (Lot 193) to F.C. Vernon, the Riske (Lot 195) to L.W. Riske, and the Riske (older vein) (Lot 192) to Silas Field, all in 1887; the Withrow (Lot 306) to L.W. Riske in 1890. Construction of a stamp mill, consisting of a Blake crusher, Chilean mill, amalgamating plates, and concentrating machinery, was completed in 1890. Construction of a 2.5 mile ditch and flume to provide water power for the milling operation was begun. The workings at that time included 3 adits, an upper at 4,500 foot elevation driven 300 feet, a middle adit at the 4,230 foot elevation driven about 35 feet, and a lower adit, near the bottom of the hill, driven about 270 feet.

The claims were said to have been optioned in 1897 by a Captain Molyneaux. Negotiations for purchase of the property was reported in 1899 and 1900. The Cherry Creek Gold Mining Company, Limited, incorporated in December 1902, acquired the property, and the adjoining McPhail property. Drifting and crosscutting was carried out in the old adits. A 5-stamp mill operated for a short period in 1903. The company was forced into liquidation in about 1905.

The Fire Valley Gold Mining Company, Limited, which was incorporated in October 1907 to acquire the adjoining McPhail property, subsequently optioned this property. The old adits were reopened but no further work was reported. The company ceased operations in 1915.

The Progressive Mining Company, Limited, was incorporated in October 1921 by F.S. Munson, of Vernon, to acquire ^{see Card 2} Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

No record has been found of early production from this property.

During 1939-1940, 2,418 tons of ore were milled at this property. From this ore 367 ounces of gold, 1,637 ounces of silver, 1,556 pounds of lead, and 418 pounds of zinc were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1886, p. 213; 1887, p. 277; 1888, p. 316; 1889, p. 292; 1890, p. 318; 1891, p. 576; 1896, p. 563; 1897, p. 609; 1900, p. 857; 1903, p. 178; 1914, p. 360; 1915, p. 252; 1916, p. 263; 1921, p. 191; 1933, p. 155; 1934, p. D11; 1935, p. D13; 1939, p. 42; 1940, p. 71.

Ingall, Elfric Drew; Monashee; Annual Report for 1890, Vol. 5, Pt. II, p. 725, Division of Mineral Statistics and Mines, Geol. Surv. of Canada.

Mineral Development Sector; Corporation Files: "Monashee Gold Mines, Limited"; "Monashee Mines Syndicate, Limited"; "Vidette Gold Mines, Limited".

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1934, Rept. 748, pp. 171-178 (No. 604).

Jones, A.G.; Vernon Map-Area, British Columbia; Memoir 296, p. 147, Geol. Surv. of Canada.

MAP REFERENCES

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

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

Map 82 L/1, Eureka Mountain, (Topo.), Sc. 1:50,000.

REMARKS

BCI - 82L/5E-1

Comp./Rev. By	DMacR							
Date	5-75							

NAME OF PROPERTY

MONASHEE (RISKE)

DESCRIPTION OF DEPOSIT (continued)

the hanging wall of the main vein. The veins occur in argillites and metamorphosed volcanics.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

and develop the McIntyre, Morning Sun, and Monashee claims. The old adit and open cuts on the McIntyre claim were cleaned out. On the adjoining Morning Sun claim a crosscut adit was driven 40 feet. On the Monashee claim the old lower adit was reopened. No further work was reported and the company charter was surrendered in 1925.

New Monashee Mines, Limited, acquired the Withrow, Field, Vernon, and Riske claims, apparently in the 1920's, but no activity was reported. In 1933 the property was under option to J.T. Mutrie and Alex Smith, of Vernon.

Monashee Mines Syndicate, Limited, was incorporated in December 1933 to acquire the Withrow, Vernon, Field, and Riske Crown-grants, and the adjoining McPhail property. Additional claims were staked at that time. An agreement was reached with Vidette Gold Mines, Limited, whereby the latter would acquire a share interest in Monashee Mines Syndicate by providing funds for exploration and development work. The old 4,150 elevation adit was reopened for 76 feet; the 4,050 elevation adit was reopened for 409 feet; the 3,950 elevation adit was reopened for 390 feet. The 4,050 elevation drift adit was extended 750 feet and two new drift adits were driven, one 110 feet above, and the other 100 feet below. Drifting in the 4,050 elevation adit reportedly exposed an ore shoot over a length of 490 feet but work in the adits above and below and in connecting raises showed less regular gold deposition. A total of 4,114 feet of drifting and raising was reported. Vidette Gold ceased work on the property at the end of August 1935.

Monashee Gold Mines, Limited, was incorporated in May 1935 to acquire the property and assets of Monashee Mines Syndicate, Limited. Monashee Development Company, Limited, was incorporated in March 1939, apparently to acquire the property and assets of Monashee Gold Mines, Limited. Monashee Development installed a 50 ton-per-day mill, which was put into operation in October 1939. The mill operated for 55 days, milling 1,566 tons of ore. Operations were suspended and all mining and milling equipment removed. Late in 1940 the property was leased to G.M.F. and F.H. Peterson, S. Flodstrom, and William McLaren, who mined remnants of ore by hand steel methods.