

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

QUEEN & YELLOWSTONE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	Lat. 49°08'30"	Long. 117°07'50"
	Lat.	Long.
Mining Division Division minière	Nelson	District District
County Comté		Township or Parish Canton ou paroisse
Lot		Concession or Range Concession ou rang
Lot		
Sec	Tp.	R.
Sect.	Ct.	R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Aetna Investment Corporation Ltd.,
1690 Broadway,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks consist of argillite and argillaceous quartzite of the Reno Formation, underlain by the Quartzite Range Formation, all of Lower Cambrian age. These rocks are in the west limb of the northerly striking Sheep Creek anticline. Four east-west gold-bearing fissures occur on the property, namely the Yellowstone, Queen and Hide Away which cut rocks of the Reno formation, and the Alexandra which is in the Quartzite Range formation. A number of faults, along which mica lamprophyre dykes have been intruded, cut the fissures. The fissures vary from tight to about 2 feet in width. Ore shoots vary in length from about 12 to 300 feet. Sulphide mineralization has been removed by oxidation from the upper levels. Wolframite and scheelite occur locally in bunches or kidneys.

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

This property is located on Waldie creek near its junction with Sheep Creek. The Kootenay Belle property adjoins on the northeast.

The Yellowstone claim was staked in 1896 by T. Bennett. Development of the property commenced late in the summer of that year by Yellowstone Mines Limited and in the three succeeding years all its known ore had been developed.

Leasers began development work on the Queen property in about 1900; the Holmes Syndicate carried on development work during part of 1902; the Queen claim (Lot 1076) was Crown-granted to Messrs. Turner & Scully that same year.

In 1903 W. Waldie, one of the owners, began development of the property and also obtained a lease on the Yellowstone mill. Waldie completed purchase of the property in 1905, acquired the Yellowstone group in 1907, and sold the combined property to Queen Mines Incorporated in 1908. The company operated the mine until 1916. Except for a brief period of operation by leasers in 1918 the property was idle until acquired by the Yellowstone Mining Company Limited in 1922, however, the company carried on operations for only about a year. Messrs. Lavigne, Stayner & associates acquired the property in 1928 and in 1930 formed Queen Mines Limited, however, operations ceased later in the year.

In 1933 Sheep Creek Gold Mines Limited was formed by a consolidation of the Queen Mining & Milling Company and the Midnight Gold Mining Syndicate, owners of the Midnight and Vancouver claims. A new 150 ton mill was put into operation in May 1935 and operated more or less continuously until the mine was closed in 1951. The company name was changed in 1956 to Sheep Creek Mines Limited.

Beginning in 1961 leasers made intermittent shipments of silica-gold ore from the dumps, the ore being in demand as a silica flux.

The company name was changed in September 1965 to Aetna Investment Corporation Ltd.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1899 to 1964, 753,427 tons of ore were produced at this property. From this ore 315,107 ounces of gold, 106,447 ounces of silver, 15,730 pounds of lead, and 5,174 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Walker, J.F.; Geology & Mineral Deposits of Salmo Map-Area, B.C.; Memoir 172, pp. 42-45, Geol. Surv. of Canada, 1934.

Mathews, W.H.; Geology of the Sheep Creek Camp; Bulletin No. 31, Dept. of Mines, B.C., 1953.

Annual Reports, Dept. of Mines, B.C.; 1899-1964; 1904, p. 143; 1909, p. 123; 1915, p. 158; 1933, p. 230; 1934, pp. E 17-E 19; 1947, p. 162.

Mineral Policy Sector; Corporation Files: "Queen Mines Inc."; "Aetna Investment Corporation Ltd."

Doelle, H.E. & McGuire, R.A.; Development of Sheep Creek Gold Mine, Nelson District, B.C.; The Miner, May 1941, pp. 26-29.

Stevenson, J.S.; Tungsten Deposits of British Columbia; Bulletin No. 10, p. 93, Dept. of Mines, B.C., 1941.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1934, Rept. 748, pp. 53-61 (No. 588).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geological Map of the Sheep Creek Mining Camp, B.C., Sc. 1": 1,500 feet - accomp. B.C. Dept. of Mines Bulletin No. 31.

Map 1145 A, Salmo, B.C., (Geol.), Sc. 1":1 mile.

Map 283 A, Salmo Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

12-66	03-73						