

NAME OF PROPERTY SYENITE BLUFF

OBJECT LOCATED - #37, Map 82 K/NE (MI).

UNCERTAINTY IN METRES 400. Lat. 50°57'05" Long. 116°58'50"

Mining Division	Golden	District
County		Township or Parish
Lot		Concession or Range
Sec	Tp.	R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The underlying rocks are metamorphosed sediments of the Proterozoic Horsethief Creek Group. Lead-zinc mineralization has been exposed at several widely-separated points. At one of these, disseminated sulphide occurs in conglomerate and in the slate underlying the conglomerate. At another point lead-zinc mineralization occurs in bedded limestone.

The most conspicuous feature of the property is a narrow vein mineralized with galena, sphalerite, and boulangerite. The boulangerite, a sulph-antimonide of lead, forms a considerable part of the sulphide mineralization. Oxidation of this mineral yields the yellow oxide of antimony. This marks the outcrop of the vein, which is traceable along a talus-slope and down a steep slide course for a horizontal distance of 1,800 feet from the crest of the divide between Vermont and Copper Creeks, at 8,300 feet elevation, to a point in the slide of 7,750 feet elevation. The vein is easily traced by the yellow-coated float and is usually easily found in place by a little digging. The actual vein, however, is rarely exposed. It appears to have a

p.t.o. ....

Associated minerals or products of value - Zinc, silver, gold, antimony.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 6,000 feet elevation on the north side of Vermont Creek some 22 miles south of Golden.

The Syenite Bluff, Agnes, and Black Horse claims were staked in 1889. A small amount of ore was reportedly shipped that year. The Golden Mining and Smelting Company of Canada (Limited), incorporated in November 1890, acquired the property and during 1891 an adit was driven more than 100 feet. The Syenite Bluff (Lot 672) was Crown-granted to G.H. Low in 1895. The Black Horse (Lot 763) and Agnes (Lot 764) were Crown-granted that same year to M. Drainard.

The Crown-grants were acquired by financial interests, represented locally by G.W. Edwards, who incorporated Witswatersrand Syndicate, Limited in May 1928. The claims were transferred to Ruth Vermont Mines, Limited which was incorporated in October 1929. No work was reported other than that required for annual assessment. During 1930 and 1931 additional staking was done in the Agnes Fr., Eureka, Mezeppa, Wildhorse, White Horse, Lion, Unicorn, Ruth No. 2, Charlotte Fr., and Minnie Extension claims.

Beverly Mines, Limited was incorporated in May 1937 to acquire the properties held by Witswatersrand and Ruth Vermont Mines. Assessment work was reported in 1948.

HISTORY OF PRODUCTION

A small amount of ore was reported shipped from the "Dark Horse" and Agnes claims in 1890. (Report of Minister of Mines, 1890, p. 374).

REFERENCES

Reports of Minister of Mines, British Columbia:  
 1890, p. 374; 1891, p. 568; 1892, p. 536; 1896, p. 556; 1934, p. E-28; 1936, pp. E-33, E-41 + ; 1948, p. 152. *1982, P. 99.*  
 Mineral Policy Sector; Corporation Files: "Beverly Mines, Limited".

MAP REFERENCES

Map 12-1957, Lardeau, (Geol.), Sc. 1":4 miles - Geol. Surv. of Canada.  
 \*Map 82 K/15, Bugaboo Ck., (Topo.), Sc. 1:50,000.  
 #Map 82 K/NE (MI), Invermere, (Mineral Inventory), Sc. 1": 2 miles, British Columbia Dept. of Mines.

DESCRIPTION OF DEPOSIT (continued)

width of from 6 inches to 2 feet of mineralized quartz, which may include a considerable quantity of siliceous schist which the vein appears to follow. Sphalerite forms an important part of the vein-mineralization. The following analyses of two samples give an idea of the more valuable metallic contents:-

Gold Oz. per Ton	Silver Oz. per Ton	Lead Per Cent	Zinc Per Cent	Description
0.34	3.6	Trace	10.6	From vein near crest of ridge
0.12	21.6	0.2	24.8	From vein well down in slide

(Report of Minister of Mines, 1936, p. E-41).

REMARKS

Comp./Rev. By	DMacR						
Date	4-78						