

NAME OF PROPERTY

GRAY ROCK (BELLORE)

LOCATION—Center of property.

Radius of uncertainty: 200 metres. Lat. 50°49'53" Long. 122°42'27"

Mining Division Lillooet District Lillooet

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The formation consists of metamorphosed sediments of the Bridge River series in an embayment of the Bendor batholith. The meta-sediments are mainly greywackes consisting of varying proportions of hornblende, biotite, chlorite, quartz, and plagioclase; some conglomerate containing white to bluish chert fragments and limestone pebbles and boulders and calcite fragments are also present. The contact with the granodiorite outcrops about 1,500 feet south-east of the portal of No. 2 adit.

The mineralization occurs in a system of roughly parallel fissure-veins that strike north 70° east with southeast dips of from 50 to 65 degrees. Vein widths vary from a few inches to 7 feet or more, average widths of 3 to 4 feet being indicated. Of the several veins present, the No. 1 is considered to contain the most mineralization and has been prospected more fully. The No. 1 vein material consists mainly of lenticular masses of quartz containing some stibnite, tetrahedrite, galena, and a little sphalerite. The stibnite is most abundant in lenticular bands a few inches to a foot or more wide on either wall of the vein. In places the stibnite is coarsely crystalline. Pyrite and arsenopyrite occur in very small amounts. A very minor amount of realgar was noted here and there on the margins of the vein. Two ore shoots have been found on No. 1 vein; one is 90 feet long and 4.8 feet wide; the other is 100 feet long and 3.5 feet wide. Under-

Associated minerals or products of value - Silver, lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Gray Rock property comprises 21 claims, the Ant Nos. 1 to 11, the Roy Nos. 1 to 4 and the Robin Nos. 1 to 6. It is located on the south side of Bridge River, near the headwaters of Truax Creek at an elevation of 6,800 feet.

The showing was originally staked by A. Bergenham in 1931 and has been subjected to intermittent development since that time. In 1936 the property was acquired by the Gray Rock Mining Syndicate, a private company.

Another private company, Bellore Mines, Limited, staked the property in 1946 and by 1949 were preparing to ship high grade antimony ore. Gray Rock Mining Company, Limited, was incorporated in 1950 to purchase the holdings of Bellore Mines. Number 1 crosscut was driven 400 feet but did not reach the vein. The following year the crosscut was driven an additional 12 feet to intersect the vein and the vein was drifted on for 35 feet. Four diamond drill holes were put in to explore the end of the drift. Number 2 crosscut was collared 325 feet below No. 1 and driven 25 feet.

In 1952 an agreement was made whereby Bralorne Mines Ltd. was to carry on the development work. The lower crosscut was advanced 1,186 feet, cutting the No. 1 vein 994 feet from the portal. Drifts were run on the vein for 312 feet to the east and 264 feet to the west; the vein ranged from a fracture filling to 4 feet and showed lower antimony content than in the surface outcrop.

During 1953 the west drift in No. 2 adit was extended 241 feet to a total length of 505 feet. Two raises were driven on the best sections of the vein, one for 37 feet and the other for 40 feet. About 750 feet of diamond drilling was done on the lower level.

The property remained idle from 1953 until late in 1964 when Amalgamated Resources Ltd. staked 20 additional claims.

In 1967, Hydra Explorations Limited acquired the property in an equal partnership with Rayrock Mines Ltd. Metallurgical tests were conducted and in 1968 four holes were diamond drilled for 1,295 feet. Results were disappointing and the property was dropped in 1969.

HISTORY OF PRODUCTION

In 1951, 8 tons of sorted ore were shipped from this property. From this ore 8,300 pounds of antimony were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1932, p. 217; 1936, pp. F-43-47; 1949, pp. 107-112; 1950, p. 110; 1951, p. 123; 1952, p. 113; 1953, p. 100; 1954, pp. 104-107; 1968, p. 162.

Mineral Policy Sector; Corporation Files: "Bellore Mines, Limited"; "Gray Rock Mining Company, Limited"; "Amalgamated Resources Ltd."; "Hydra Explorations Limited".

Mines Branch, Ottawa; Flotation Tests on an Antimony Ore from Gray Rock Mining Co. Ltd., Bridge River District, B.C.; 1925, Investigation No. MD 2893.

Hill, Henry L.; Gray Rock Mining Company, 24/09/51 (sections and assay plans), in MPS File MP 6150-8-G1.

MAP REFERENCES

Map 92 J, Pemberton, B.C., (Topo.), Sc. 1:250,000.

*Map 92 J/15 E (M), Mineral Claim Map, Sc. 1":1 mile; B.C. Dept. of Mines and Petroleum Resources.

Map 1882, Bridge River, B.C., (Geol. & Topo.), Sc. 1":2 miles; Accomp. Memoir 130, Geol. Surv. of Canada.

DESCRIPTION OF DEPOSIT (continued)

ground work has shown that the No. 1 vein structure persists down dip for at least 600 feet.

REMARKS

Latitude and longitude measured on Mineral Claim Map 92 /15 E (M).

JULY 1953

BCI 92 J/NE-66.