

| PRODUCT | GOLD | PROVINCE OR TERRITORY | British Columbia | N.T.S. AREA 92 J/15 | REF. Au 2 |
|---|----------|---------------------------------|------------------|---|-----------|
| NAME OF PROPERTY | | PIONEER | | HISTORY OF EXPLORATION AND DEVELOPMENT | |
| OBJECT LOCATED—adit symbol on Map 430 A. | | | | The property lies on Cadwallader Creek and adjoins the Bralorne property (92 J/15, Au 3) on the southeast. | |
| UNCERTAINTY IN METERS | | Lat. 50°45'35" Long. 122°46'45" | | Most of the underground workings are on two claims, the Pioneer and Countless. The Pioneer claim was staked by W. Allen in 1892. Little work was done until 1900 when the claim was acquired by F.H. Kinder; he worked the mine for 11 years and then sold to A.F. Noe; the property was subsequently sold to a syndicate formed by Messrs. Ferguson and Williams. | |
| Mining Division | Lillooet | District | Lillooet | Pioneer Gold Mines, Limited, was incorporated in November 1915 to acquire the property; a small mill was installed and operated until 1917. In 1920 the Mining Corporation of Canada, Limited, acquired a lease on the property but gave it up later in the year. Early in 1921 the property was acquired under option by A.H. Wallbridge and associates who in turn leased to another syndicate headed by D. Sloan and associates; this syndicate began work in July 1924. | |
| County | | Township or Parish | | Pioneer Gold Mines of B.C., Limited, was incorporated in 1928 to continue the development work. A 100-ton cyanide mill was installed and operations were continuous until closure in August 1960. The mine had been developed on 27 levels to a depth of about 3,400 feet from 5 shafts. The extensive underground workings of the Pioneer and Bralorne mines have a combined length of over 50 miles of tunnels, raises and shafts. | |
| Lot | | Concession or Range | | Pioneer Gold Mines of B.C., Limited, amalgamated with Bralorne Mines, Limited, in 1959 under the name Bralorne Pioneer Mines Limited. The company name was changed in 1969 to Bralorne Can-Fer Resources Limited and in 1972 to Bralorne Resources Limited. History subsequent to the consolidation with the Bralorne mine in 1959 is found on Bralorne (92 J/15, Au 3). | |
| Sec | Tp. | R. | | | |
| OWNER OR OPERATOR AND ADDRESS | | | | | |
| Bralorne Resources Limited. | | | | | |
| DESCRIPTION OF DEPOSIT | | | | | |
| <p>The formation consists of cherts, argillites, and volcanics of Permian age, overlain by argillites, siltstones, lime beds, and some pyroclastics of Triassic to Jurassic age. The main Coast Range intrusives outcrop about 10 miles to the northwest. The favourable belt containing gold bearing veins follows the Cadwallader shear for 3½ miles, being intruded by greenstone or andesite in the case of the Pioneer workings, and by augite diorite at the Bralorne mine. The greenstone or andesite of the Pioneer zone has been altered to a chlorite feldspar epidote rock. The ore occurs in quartz-filled fractures within the greenstone. The most important fracture system strikes roughly north-northwest and dips steeply north. Ore shoots, five to six feet in width, occur within the veins. The gold is finely divided and is seldom visible.</p> | | | | | |
| <p>Associated minerals or products of value — Silver.</p> <p style="text-align: right;">Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.</p> <p style="text-align: right;">503816 *</p> | | | | | |

HISTORY OF PRODUCTION

From 1908 to 1960, inclusive, 2,746,693 tons of ore were milled at this property. From this ore 1,331,593 ounces of gold, and 244,648 ounces of silver were recovered.

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MAP REFERENCES

*Map 430 A, Gunn Lake Area, (Geol.), Sc. 1": $\frac{1}{2}$ mile - Accomp. Memoir 213.

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

REMARKS

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| Comp./Rev. By | DMacR | | | | | | |
| Date | 06-88 | | | | | | |