

The native silver is either in wire or leaf form. Traces of arsenic and antimony are found and copper carbonate stains were noted in the upper workings. Quartz is the abundant gangue mineral and is associated with some barite.

An initial shipment of 4 tons made in 1912 averaged 80 ounces in silver to the ton and 30 per cent lead. Subsequent shipments show no lead content. Shipments in 1918, amounting to 17 tons, included 242 pounds of copper. In 1920, the year of heaviest production, 58 tons containing 12,885 ounces of silver were shipped. Total production to the end of 1924 included 126 tons averaging 209 ounces in silver.

ARLINGTON MINE

References: Ann. Repts., Minister of Mines, B.C., 1896, p. 72; 1904, p. 165; 1921, pp. 139-140; and other years.

The Arlington mine is owned by Arlington Mines, Limited, % H. D. Curtis, Slocan. The property comprises the Stephanite fraction, Burlington No. 2, Arlington No. 1 fraction, and Arlington No. 2 Crown-granted claims, on the north slope of Springer Creek valley about 6½ miles by road from Slocan.

The mine was developed by eight adits over a vertical range of 647 feet. It is claimed that the two lower adits were driven along what was assumed to be the foot-wall of the lode and that as very little crosscutting was attempted the possibilities in this section, particularly towards the hanging-wall of the lode, are still relatively good. The workings were quite inaccessible at the time visited and the information here presented has been gained chiefly from earlier Government reports and from data and maps kindly furnished by Mr. H. D. Curtis of Slocan, liquidator for the company.

The property was worked extensively from 1899 to the end of 1903. In those years the adits were driven, and the bulk of shipments made. Most of the ore was taken from between the fifth and seventh levels and from the original discovery about the shaft near the surface.

It is understood that the Bayview Mining Company of Vancouver have prospected the foot-wall section of the lode by crosscuts from the two lower levels. The results of this exploratory work are not known.

The first shipment of ore was made in 1897 and consisted of 50 tons. Production reached a maximum in 1901, with the shipment of 5,283 tons containing 362,288 ounces of silver and 580,435 pounds of lead. Up to and including 1924, the property produced 12,795 tons averaging nearly 60 ounces in silver to the ton and about 5 per cent lead.

The Arlington lode is a mineralized crushed zone in coarse-grained, hornblende granite or granodiorite of the Nelson batholith. The zone includes a number of parallel fissures and maintains a uniform strike of north 34 degrees east and a dip of 65 to 70 degrees east. It has a width of from 60 to 70 feet.

The ore is largely replacement of the country rock. The chief ore minerals are galena and zinc blende, both of which are associated with disseminated stephanite, grey copper, and native silver. Pyrite and chalcopyrite are also present, but are of no commercial importance.

The Batch Midnight, is on Slocan, B.C. (Twelvemile) c in 1906 and 1906 ounces silver.

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PROPERTY FILE

Metalliferous Deposits

Westmont and Eastmont (160)

Minister of Mines, B.C., Ann. Repts.: 1919, p. 128; 1956, pp. 97, 98.
Cairnes, 1935, pp. 189, 190.

Riverside (161)

Minister of Mines, B.C., Ann. Rept. 1919, p. 130.
Cairnes, 1935, p. 185.

Snowstorm (Slocan Chief) (162)

Minister of Mines, B.C., Ann. Rept. 1928, p. 307.
Cairnes, 1935, pp. 247, 248.

Hampton (163)

Minister of Mines, B.C., Ann. Rept. 1922, p. 203.
Cairnes, 1935, p. 176.

Arlington (Slocan-Arlington) (165)

Minister of Mines, B.C., Ann. Repts.: 1896-1951.
Cairnes, 1935, p. 168.

Slocan Prince (Black Prince, Two Friends) (166)

Minister of Mines, B.C., Ann. Repts.: 1896, p. 71; 1904, pp. 166-168; 1919, pp. 127, 128.
Cairnes, 1935, pp. 187, 188.

Alice S. (167)

Minister of Mines, B.C., Ann. Repts.: 1915, p. 132; 1916, p. 198.
Cairnes, 1935, p. 166.

Lily B. (168)

Minister of Mines, B.C., Ann. Rept. 1918, pp. 171, 195.
Cairnes, 1935, p. 178.

Aspen (251)

Minister of Mines, B.C., Ann. Repts.: 1896-1951.
Walker, 1934, pp. 65-67.
Green, 1954, pp. 18, 19.

Nature Boy (281)

Minister of Mines, B.C., Ann. Rept. 1949, p. 156.

Red Eagle (284)

Minister of Mines, B.C., Ann. Rept. 1908, p. 105.

Blue Bird (286)

Minister of Mines, B.C., Ann. Repts.: 1908, p. 105; 1950, p. 119; 1952, pp. 142, 143;
1953, p. 112.
McConnell, 1896, p. 34A.
Drysdale, 1915, pp. 160, 161.

Hattie Brown (291)

Minister of Mines, B.C., Ann. Rept. 1909, p. 129.

