

NAME OF PROPERTY

ALPS-ALTURAS

LOCATION - center of lots.

Uncertainty - 100 m.

Lot. 50°07'15" Long. 117°15'48"

Mining Division Slocan

District Kootenay

County

Township or Parish

LotS 1923-1925

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

This deposit is located in a series of highly metamorphosed sedimentary and igneous rocks of Mesozoic or possibly late Paleozoic age, lying in close proximity to a large intrusive mass of granite. The mineralized zone has an east-west strike and is found in a band of rusty weathered rocks which is squeezed and sheared between a hanging wall of metamorphic rocks and a footwall of serpentine schist. Stibnite is present as bladed, fibrous or massive aggregates and streaks disseminated in quartz veins, which taper from four feet in width to one and one-half feet at the face.

HISTORY OF EXPLORATION AND DEVELOPMENT

The Alps-Alturas Group consists of the Alps claim, the Alturas claim and the Alps fraction, Lots 1923, 1924 and 1925 respectively, covering 95.78 acres at an altitude of about 8,000 feet. They are located seven miles north from Three Forks Station on the south-western slopes of Mount Dolly Vardner at the head of Marten Creek.

In 1898 the group, Crown-granted to Golden Canyon Gold and Silver Mining Company, Limited Liability, was surveyed and the lower (No. 1) adit was driven in search of gold values. At 95 feet from the portal, stibnite was encountered. As gold values were not found, all further development work was concentrated on the antimony discovery. Prior to 1915, the property was operated under lease to J.S. McArthur and Company of Glasgow, Scotland. At this time, the ore was extracted from an open-cut No. 3 level was subsequently driven above this showing.

In 1915, the property was acquired by W.J. McMillan who made some shipments during the war period and later formed the Alps Mining Company. By 1926, there were four short adits, totalling a little over 400 feet in length, No. 1 being about 240 feet and No. 2 about 100 feet.

HISTORY OF PRODUCTION

According to the 1926 prospectus of the Alps Mining company, 105 tons of antimony ore, averaging 57.20% Sb, had been shipped from this property. In 1915, 31 tons, running 3.28% Sb was sent to J.S. McArthur and Company, Glasgow. About 26.5 tons, running 58.87% Sb, went to Chemical Company of Jersey City and about 21.5 tons, running 59.50% Sb, was sent to Great West Smelting and Refining Company of Chicago.

MAP REFERENCES

Map Sheet 82 K/3 W, Roseberry, (Topo.), Sc. 1:50,000.

Map Sheet 82 K/SW (M1), Nakusp, Preliminary Mineral Inventory Map, B.C. Dept. of Mines and Petroleum Resources, 1960.

Map 792, West Kootenay Sheet, (Geol. & Topo.), Sc. 1": 4 miles, accompanying Annual Report XIV, G.S.C., 1901.

REMARKS

REFERENCES

Reports of Minister of Mines, British Columbia: 1899, p. 842; 1906, p. 141; 1908, p. 99; 1915, pp. 28, 121; 1916, pp. 198, 516; 1917, p. 162; 1926, p. 254; 1927, p. 275; 1928, p. 289.

Cairnes, C.E.; Alps-Alturas Group, Slocan Mining Division, B.C.; Summary Report, 1926, Part A, pp. 45-51, Geol. Surv. of Canada.

Cairnes, C.E.; Slocan Mining Camp, British Columbia; Memoir 173, pp. 49, 129, Geol. Surv. of Canada.

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BLI 82K/SW-49.