

NAME OF PROPERTY

SILVER PICK (LITTLE JOE)

OBJECT LOCATED - Map 671 A, #8.

UNCERTAINTY IN METRES 500. Lat. 54°52'50" Long. 126°48'10"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The country rocks are sheared and altered rhyolite tuffs and flows at the base of the upper volcanic division of the Hazelton group.

The main showing is exposed in an adit driven in a northerly direction for 172 feet. A flat-lying zone of quartz lenses and stringers, with a total width up to 4 feet, is exposed for a length of about 130 feet. The quartz contains tetrahedrite and some galena, sphalerite, and chalcopryrite. The zone strikes north 65 degrees west and dips 15 to 20 degrees north; the quartz lenses range from 1 to 16 inches wide.

A crosscut adit has been driven for 96 feet at a point about 100 feet below and 400 feet southwest of the main showing. In the roof, near the face, a shear zone 1 foot wide strikes north 32 degrees east and dips 20 degrees west. This zone contains masses of quartz up to 2 inches wide, containing rust and disseminated tetrahedrite. It is not clear whether this is the same zone as the main showing.

see Card 2

Associated minerals or products of value - Copper, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,500 foot elevation at the head of Little Joe Creek, 16 miles northeast of Smithers.

The Little Joe group of 7 claims was owned from prior to 1922 by Tommy King and Martin Cain (Cane) (Kean). The workings in 1922 consisted of open cuts and a 100 foot drift adit on the main showing. A shipment of 5 tons of ore was reported. By 1924 the adit had been extended to 172 feet. A Spokane syndicate optioned the claims in the fall of 1924 but apparently little development work was done. An option was acquired in 1926 by Henry Lee Messner on the Little Joe and several other properties in the vicinity. A winze was sunk from the adit at a point 130 feet from the portal and 11 tons of ore mined. A crosscut adit begun in 1929 by the owners was subsequently extended to a length of 96 feet. In 1938 the property was owned by A. Elmstead and the T. King and M. Cain Estates. A shipment of 6 tons of ore was made to the Dept. of Mines Sampling Plant at Prince Rupert during the year.

Quyta Gold Mines Limited optioned the 8 claim Silver Pick group in 1951. No work was reported.

120829

HISTORY OF PRODUCTION

Recorded production for the period 1927-1938 totals 26 tons of ore. From this ore 15 ounces of gold, 6,727 ounces of silver, 1,952 pounds of copper, 925 pounds of lead, and 1,843 pounds of zinc were recovered. Hanson (1924) reported that: "a shipment of 5 tons a few years ago netted about \$500 a ton in silver".

REFERENCES

- Lang, A.H.; Houston Map-Area, B.C.; Paper 40-18, p. 9, Geol. Surv. of Canada.
- Reports of Minister of Mines, British Columbia: 1922, p. 106; 1923, p. 111; 1924, p. 97; 1925, p. 138; 1926, pp. 132, 134; 1929, p. 168; 1931, p. 73; 1938, pp. B 36, C 49.
- Hanson, George; Driftwood Creek Map-Area, Babine Mountains, British Columbia; Summary Report 1924, Pt. A., p. 33, Geol. Surv. of Canada.
- Mineral Policy Sector; Corporation Files: "Quyta Gold Mines Limited".

MAP REFERENCES

- Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.
- #Map 671 A, Houston, (Geol.), Sc. 1":4 miles (1942).
- Map 2048, Driftwood Creek, (Geol.), Sc. 1":1 mile - accomp. Summary Report 1924, Pt. A.
- Map 5318 G, Driftwood Creek, (Aeromag.), Sc. 1":1 mile.
- *Map 93 L/15, Driftwood Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						

PRODUCT

SILVER

PROVINCE OR
TERRITORY British Columbia

N.T.S. AREA 93 L/15

- Card 2 -
REF. AG 8

NAME OF PROPERTY

SILVER PICK (LITTLE JOE)

DESCRIPTION OF DEPOSIT (continued)

On the surface, about 200 feet above the main showing, a picked sample from a vein a few inches wide is reported to have assayed: gold 2.3 ounces a ton; silver 94 ounces a ton; copper 3 per cent.

On the trail, about a quarter of a mile east of the main showing, a vein up to 1 foot wide strikes north 50 degrees east and dips about 20 degrees northwest. The quartz contains limonite, tetrahedrite, chalcopyrite, and a little galena. A picked sample is reported to have assayed: gold 1 ounce a ton; silver 42.0 ounces a ton. (Lang, 1940).