

PRODUCT LEAD

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 93 L/12

REF. PB 1

NAME OF PROPERTY

ZAP (BIG FOUR)

OBJECT LOCATED

UNCERTAINTY IN METRES 800. Lat. 54°33'40" Long. 127°39'45"

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 claims are near the eastern edge of a granitic intrusive of Upper Cretaceous to Early Tertiary age. Several quartz veins, varying in width from about 3 to 8 feet, strike north-westerly in light coloured, fine-grained granitic rock. The veins are in general sparsely mineralized with pyrite, chalcopyrite, galena, and sphalerite. A sample across 1.5 feet of mineralization in the bottom of the shaft assayed: Gold, trace; silver, 2 ounces per ton; copper, trace; lead, 34%; zinc, 3%. At one place a vein width of 20 feet is fairly well mineralized. About 2 tons of the best looking mineralization was removed from an open cut. A sample of this material assayed: Gold, 0.02 ounce and silver 7.2 ounces per ton; lead, 36.3%; copper, 2.5%.

Associated minerals or products of value - Silver, copper, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 3,700 foot elevation on the ridge between Telkwa Pass and the Telkwa River, 25 miles southwest of Smithers.

The Big Four and Lost Treasure claims were staked in 1910 by P. Powers, G. Charleton, R. Hamilton, and James Beaman. Annual assessment work to 1917 consisted mainly of open cutting.

The Chisholm Bros. and associates acquired the property in 1919. Exploration work to 1929 included open cutting and 2 shafts, about 60 and 15 feet deep.

The Zap 1-40 claims, owned in 1969 by Hans Madeisky, included the former Big Four showings. Work during 1969 included reconnaissance geological, and geochemical soil, silt, and rock chip surveys. The Colorado Corporation held an option on the property in 1970 and carried out magnetometer and soil geochemical surveys.

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Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1911, p. 115;
 1914, p. 229; 1917, p. 120; 1920, p. 90; 1926, p. 138;
 1929, p. 171.

Geology, Exploration, and Mining; British Columbia Dept. of
 Mines: 1969, p. 80; 1970, p. 160.

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological
 compilation), Sc. 1":4 miles, British Columbia Dept. of
 Mines.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles,
 Paper 44-23, Geol. Surv. of Canada.

#Sketch Map, Hazelton District, Sc. 1":4.5 miles - accomp.
 Report of Minister of Mines, 1911, British Columbia
 Dept. of Mines.

*Map 93 L/12, Milk Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	1-76						