

PRODUCT

GOLD

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/12

REF. AU 1

NAME OF PROPERTY

ZAP (KITCHENER) (HELEN)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 1,000. Lat. 54°33'30" Long. 127°41'20"

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 showings lie within a granitic intrusive of Upper Cretaceous to Early Tertiary age. A quartz vein, varying in width from 1 to 25 feet, strikes N60°E, dips southeast, very flat at one point, and has been traced for about 1,200 feet. Beyond this the vein swings to N15°E for 500 feet. About 200 feet farther up the hill the vein again strikes N60°E and is traceable for 150 feet. The mineralization is essentially galena, sphalerite, and pyrite, with occasional small amounts of chalcopyrite. A sample across the 1.5 feet width of the best mineralization exposed assayed: Gold, 0.44 ounce and silver 5 ounces per ton; lead, 8%; zinc, 12%.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 4,800 foot elevation on the south side of Telkwa Pass, 26 miles southwest of Smithers.

The Helen group of 4 claims was owned by A. and J. Goodwell and associates. The first work reported on the property was in 1909. From about 1925 the property was held as the Kitchener group of 4 claims by Messrs. Goodwell, Gillespie, and Wilson. Annual assessment work was done in open cuts.

The Zap 1-40 claims, owned in 1969 by Hans Madeisky, apparently included the former Helen 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.

120639

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

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1909, p. 85;
 1911, p. 115; 1914, p. 228; 1925, p. 138; 1929, p. 171;
 1931, p. 74.

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						
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