

NAME OF PROPERTY JUD (IROQUOIS) (SOCIAL)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°52'10" Long. 126°53'

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

Bornite, chalcocite, and tetrahedrite occur in veins and brecciated zones. Some bleaching, epidotization, and chloritization of the andesitic host rocks are noted adjacent to the veins.

The chief mineral occurrence on this property is a well-defined shear-zone in andesitic volcanics of varying width up to a maximum observed width of 4 feet 9 inches. It is well mineralized in places and extends for a considerable distance up the south-eastern and down the north-eastern slopes of the mountain, being traceable over the summit of the mountain.

As shown by the adits, the vein has a strike varying from N40°W (mag.) to N50°W (mag.) and a dip of from 50° to 57° to the northeast.

The upper adit shows mineral fairly continuous throughout its length. The maximum width is 3 feet, and a sample across this width at the best ore-exposure assayed: Gold, trace; silver, 2.6 oz. to the ton; copper, 13.5 per cent. A sample of selected mineral from the floor of the tunnel assayed 31.2 per cent see Card 2

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 6,000 foot elevation at the heads of Ganokwa and Driftwood Creeks, 13 miles northeast of Smithers.

The Commodore and Blue Bell claims were staked in 1905 by Pat McPhee. The adjoining Melvinia claim was staked by Lem Broughton. Exploration work was done in open cuts and a short adit.

The Iroquois, Carl Marx, Annex, and Parker Williams claims, known initially as the Social group, were owned by A.P. McCabe and P. McPhee from about 1918. Development work was done in open cuts and a 75 foot adit (McCabe tunnel). In 1922 Mr. McPhee drove a second adit. Further work was reported in 1925. The workings at that time consisted of the two drift adits on the southeast slope of the mountain at elevations of 6,170 and 6,225 feet, and of respective lengths 100 and 75 feet.

Rockwell Resources Ltd. in 1970 held the Susan 1-6, Jud 1-4, and RDW 1-20 claims covering these showings. Trenching, and the pack-sack drilling of 2 holes totalling 20 feet was carried out on the Jud 1 claim.

120446

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1905, p. 132;
1908, p. 64; 1918, p. 121; 1919, p. 103; 1922, p. 106;
1925, p. 138; 1929, p. 167.

Geology, Exploration, and Mining; British Columbia Dept. of
Mines: 1970, p. 165.

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

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 93 L/15

Card 2 -
REF. CU 3

NAME OF PROPERTY

JUD (IROQUOIS) (SOCIAL)

DESCRIPTION OF DEPOSIT (continued)

cent copper, but showed only traces of gold and silver. The lower adit-tunnel shows no appreciable amount of mineral.

About 20 feet above the upper adit an open-cut shows a well-mineralized vein 4 feet 9 inches in width. At 6,280 feet, the summit of the mountain and where the vein apexes, the mineralization is not so marked. At lower points on the southeastern slope of the mountain two other converging shear-zones, very sparsely mineralized, are developed by a tunnel 27 feet long and various open cuts.