

PRODUCT COPPER

PROVINCE OR TERRITORY British Columbia

N.T.S. AREA 93 E/15

REF. Cu 1

NAME OF PROPERTY

HELEN

LOCATION

Lat. 53°50' Long. 126°44.5'

Mining Division **Omineca** District **Range 4, Coast**

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Mineralization exposed over an area roughly 200 feet by 300 feet occurs in the vicinity of a granitic intrusion in rocks of the Precambrian Hazelton group. The above rocks are cut by a swarm of quartz veins with a predominant strike of N15°E; a secondary set occurs at right angles. Magnetite, chalcopyrite, pyrite, and minor molybdenite occur partly disseminated but mostly along joints and fractures. Two grab samples assayed: 0.44% copper, 0.028% molybdenum, and 0.22% copper, 0.08% molybdenum.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 3,300 and 3,600 feet near the west end of Ootsa Lake, about 40 miles south of Houston.

Kennco Explorations (Western), Limited, is reported to have held this ground in 1967; grid lines indicate a possible soil and/or magnetic survey. The property was restaked as the Helen 1-20 claims for Derby Mines Ltd. in May 1969, and subsequently expanded to 52 claims. The company name was changed in 1971 to International Visual Systems Ltd.

503294 \*

HISTORY OF PRODUCTION

REFERENCES

Mineral Resources Branch; Corporation Files: "International Visual Systems Ltd."

MAP REFERENCES

Map 1064 A, Whitesail Lake, (Geol.), Sc. 1":4 miles.

Map 5299 G, Nadina River, (Aeromag.), Sc. 1":1 mile.

\*Map 93 E/15, Nadina River, (Topo.), Sc. 1:50,000.

REMARKS

DEC 1971