

PRODUCT

LEAD

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 93 M/3

REF. PB 1

NAME OF PROPERTY

ORBI

OBJECT LOCATED—Highway 16 at Porphyry Creek.

UNCERTAINTY IN METERS 100. Lat. 55°09'20" Long. 127°23'

Mining Division Omineca District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

An argillic and siliceously altered rhyolite is cut by mineralized breccia zones. Pyrite is present up to 20 per cent when associated with calcite.

Associated minerals or products of value — Zinc, copper.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 1,300 and 2,000 feet along Bulkley Canyon at the mouth of Porphyry Creek, 10 miles southeast of New Hazelton.

The Orbi group of 88 claims was held by Utah Construction and Mining Co. Work during 1967 included geological mapping, an induced potential survey over 13 line-miles, an electromagnetic survey over 2 line-miles, a magnetometer survey over 16 line-miles, a geochemical soil survey over 19 line-miles, and 1,959 feet of diamond drilling in 3 holes. In 1968 a geochemical soil survey was carried out over an area 5,000 by 1,800 feet. Further exploration work in 1970 included geological mapping, induced potential and electromagnetic surveys over 10 line-miles, and 1,058 feet of diamond drilling in 2 holes.

*Colonial Energy Inc prospectus 3/23/87
Report #1000*

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

512306 *

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1967,
p. 85; 1968, p. 112.

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1970, p. 172.

MAP REFERENCES

Map 971 A, Smithers-Fort St. James, (Geol.), Sc. 1":
8 miles (1949).

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

#Map 93 M/3 W, Moricetown, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	2-75						