

PRODUCT	COPPER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	104 G/16	REF. Cu 1
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NAME OF PROPERTY **QC**

OBJECT LOCATED **-symbol on Map 11-1971.**

UNCERTAINTY IN METERS

Lat. **57°45'15"** Long. **130°17'**

Mining Division **Liard** District **Cassiar**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

**DESCRIPTION OF DEPOSIT**

The central part of the claim group is underlain by a north-striking west-dipping homoclinal sequence of iron-stained volcanic and sedimentary rocks which have been intruded by dykes and irregular masses of hornblende feldspar porphyry.

The volcanic and sedimentary rocks of the central part of the property are predominantly basaltic andesites with interbedded thinly laminated siltstones which are locally calcareous. The volcanic rocks are intensely fractured and brecciated, the numerous fractures being filled with chlorite, epidote, and sulphide minerals.

The dykes and irregular mass of hornblende feldspar porphyry trend east-west and north-south. In contrast to the volcanic and sedimentary rocks which they cut, porphyries are relatively massive and contain less pyrite.

The most intense copper and iron-staining is found in brecciated volcanic and sedimentary rocks adjacent to the porphyry dykes. Fine-grained pyrite and chalcopyrite occur most commonly in chloritic fractures in basaltic andesites and to a lesser extent as partial replacements of the mafic minerals in the porphyries.

Associated minerals or products of value

**HISTORY OF EXPLORATION AND DEVELOPMENT**

The property is located at elevations of 3,800 to 6,000 feet on the south side of Quash Creek, 33 miles east-south-east of Telegraph Creek.

Conwest Exploration Company Limited staked the QC group of 72 claims on the prominent gossan early in 1964. Induced polarization and magnetometer surveys were carried out over a portion of the property in 1965. No further activity was reported until 1969 when geological mapping, a magnetometer survey, and geochemical soil and silt surveys were carried out. The property at that time comprised 76 claims in the QC and QCA groups.

Amoco Canada Petroleum Company Ltd. optioned the property in 1970 and carried out geological mapping on QC 23 to 48 and 6,395 feet of diamond drilling in 9 holes on QC 23, 25, 41, 42, and 44.

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 45; 1970, p. 57.  
 Report of Minister of Mines, British Columbia: 1965, p. 41.  
 Souther, J.G.; Telegraph Creek Map-Area, British Columbia; Paper 71-44, p. 25, Geol. Surv. of Canada.  
 Mineral Development Sector; Corporation Files: "Conwest Exploration Company Limited".

MAP REFERENCES

Map 11-1971, Telegraph Creek, (Geol.), Sc. 1:250,000 - accomp. Paper 71-44.  
 Map 104 G/16 W, Klastline River, (Topo.), Sc. 1:50,000.

REMARKS

BCI 104G - 33

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