

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 93 M/16 RÉGION DU S.N.R.C.	REF. CU 1 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

FIRE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat.	55°58'	Long.	126°20.6'
Lat.		Long.	
Mining Division Division minière	Omineca	District District	Cassiar
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks exposed on the knoll are chiefly porphyritic basalts. On the western slope the knoll is traversed by a gully striking about N40°W that seems to be a shear. A lens of tuffaceous limestone 10 to 20 feet thick outcrops along the northern part of the gully for about 300 feet. The limestone and lavas are cut by quartz feldspar porphyry dykes that are probably related to the Kastberg Intrusions. Metamorphism is fairly intense but locally variable. Sulphide minerals occur in several manners: as an accessory in highly amphibolitized volcanic rock along the main shear; as discrete vein-like masses composed of actinolite, quartz, sulphide, calcite, and chlorite; and as replacements in limestone. The main sulphides in the amphibolitized zone parallel to the shear are pyrite and pyrrhotite with lesser chalcopyrite. In the limestone most of the sulphides are chalcopyrite. In the actinolitic vein-like masses, chalcopyrite may be the dominant mineral; these "veins" may be 60 feet long and up to 20 feet wide, but are mostly much smaller. A grab sample from a freshly blasted pit in the limestone assayed: copper, 1.20%; silver, trace. A chip sample along an amphibolitized zone 40 by 20 feet assayed: copper, 1.06%; silver, trace.

Associated minerals or products
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This showing is on a knoll overlooking Lion Creek, 4 miles south of Kaza Lake and some 75 miles northeast of Hazelton. The Fire group of 43 located claims was held in 1967 by R.M. Tait. Work done during the year included trenching and blasting small pits. Kaza Copper Ltd. was incorporated by Mr. Tait and associates in August 1967. During 1968 geological mapping, 10,000 lineal feet of trenching, and 1,500 feet of diamond drilling in 6 holes was carried out; the best drill section was 11 feet averaging 0.05 ounce gold and 0.6 ounce silver per ton, and 1.37% copper. In 1969 a further 664 feet of diamond drilling was done in 5 holes; hole #9 cut 4 feet averaging 0.42 ounce gold and 3.5 ounces silver per ton, and 1.17% copper. A topographic survey of the property was carried out in 1970. Dynasty Explorations Limited optioned the property in 1973.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
1967, p. 88; 1968, p. 118.

Geology, Exploration and Mining; British Columbia Dept.
of Mines: 1969, p. 108; 1970, p. 177.

Mineral Policy Sector; Corporation Files: "Kaza Copper
Ltd."; "Dynasty Explorations Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 93 M, Hazelton, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-75						