

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 I/9 RÉGION DU S.N.R.C.	REF. CU 11 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MAC SHANNON

OBJECT LOCATED - from descriptive data.
OBJET LOCALISÉ

UNCERTAINTY 500 m FACTEUR D'INCERTITUDE	Lat. 54°39'50"	Long. 128°24'30"
Mining Division Omineca Division minière	District District	Range 5 Coast
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 country rocks are metamorphosed Triassic (?) sedimentary and volcanic rocks at the east margin of the Coast Range batholith. Chalcopyrite and bornite are reported to occur in narrow quartz veins and in a highly silicified band of volcanic rock. A sample from a stripped area in 1939 assayed: gold, trace; silver, 1 oz/t, copper, 1.2%.

Associated minerals or products - Gold, silver.
Minéraux ou produits associés

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

The showings are located at approximately 1,700' elevation on the west side of the Skeena River, about midway between Lowrie and Shannon Creeks, some 12 miles northeast of Terrace.

The ground was held in the late 1920's as part of the Diadem property (103 I/9, Cu 1), owned by B. Shannon, of Usk. Some surface prospecting was done on the Mac group of claims. American Copper Mines, Limited held the ground in 1930. The company began a crosscut adit at about 400' elevation with the objective of reaching the Mac showings about one-half mile to the west; the adit was abandoned at 132 feet.

Nicholson Creek Mining Corporation, of Seattle acquired the showings as part of a 69 claim group which included the Diadem property and the Phoenix property (103 I/9, Mo 2). Some stripping was reported on the Mac Shannon showings in 1938-39. A trail was built to the showings in 1945, an adit driven, and a one-ton bulk sample of sorted ore shipped to the Provincial Government Sampling Plant at Prince Rupert.

Topal Mining Company Ltd staked 8 claims in this vicinity in 1969 to cover air photo interpretation of features representing probable intrusive domes. A geochemical soil survey and diamond drilling in 2 short x-ray holes at about the 1,000' elevation gave inconclusive results; the claims subsequently lapsed.

The Mac Shannon showings were re-staked in part as the Paula 1-14 claims by T. Blanchett in 1974. International Shasta Resources Ltd optioned the ground in 1975 and work during 1975-76 included geological mapping, a geochemical stream sediment survey (36 samples) and a magnetometer survey over 34 line-k.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Bulk samples shipped to the Provincial Government Sampling Plant at Prince Rupert in 1941 and 1945 assayed as follows:

<u>Tons</u>	<u>Au (oz/t)</u>	<u>Ag (oz/t)</u>	<u>Cu (%)</u>
0.49	nil	nil	nil
0.517	0.4	11.6	8.38

(Reports of Minister of Mines, 1941, p. 41; 1945, p. 52).

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1930, p. 133; 1939, p. 68; 1940, p. 54; 1941, p. 41; 1945, pp. 52, 63.

Mineral Policy Sector; Corporation Files: "International Shasta Resources Ltd".

Elwell, J.P.; Report on the Paula claim group, May 1975 - in International Shasta Resources Ltd Statement of Material Facts, 25/06/75.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles, accomp. Memoir 329, Geol. Surv. of Canada, 1964.

Sketch Map of Paula group, Sc. 1":2,000', accomp. Report by Elwell.

#Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	02-84						