

PRODUCT PRODUIT		COPPER		PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 93 N/7 RÉGION DU S.N.R.C.	REF. CU 1 RÉF.
NAME OF PROPERTY NOM DE LA PROPRIÉTÉ				KLAWLI (TEA)		HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR		
OBJECT LOCATED OBJET LOCALISÉ						The showings are located at about the 3,100 foot elevation on a creek that flows westerly into the Klawli River about 6½ miles north of the east end of Tchentlo Lake and some 48 miles east-southeast of Takla Landing.		
UNCERTAINTY FACTEUR D'INCERTITUDE		Lat. 55°17'30"	Long. 124°47'			The claims were originally staked in the 1920's, and at that time were optioned to Cominco Ltd., who carried out a program of surface stripping and sank two shallows shafts before they dropped their option. The claims subsequently were allowed to lapse. The ground was restaked in 1944 as the Klawli Copper group of 8 claims, owned by E. Kohse, of Fort St. James. The following year the claims were acquired on option by the Geo. MacMillan interests of Toronto. In 1946, Quebec Gold Mining Corporation took an option on the property and undertook an extensive program of surface development and sampling before dropping their option.		
Mining Division Division minière	Omineca	District District	Cassiar			The Klawli group of 8 claims was acquired by Tro-Buttle Exploration Limited. During 1967 the company carried out a geochemical survey of the property. The Klawli claims were allowed to lapse. The area was restaked by Phelps Dodge Corporation of Canada, Limited, to include the Tea 1-14, 16, 18, 25-30, 32, 34, 36 claims. During the field season of 1971, a reconnaissance soil and silt survey of 10-15 samples was undertaken.		
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								
<p>The claims are underlain mainly by Takla andesites of Upper Triassic and later age. Quartz, feldspar, and andesitic porphyries, at least in part intrusive, are found in association with the andesites. A large body of granodiorite outcrops about 1½ miles south of the showing. The mineral showings consist of quartz-carbonate fissure veins and areas of mineralized andesite and porphyry, exposed at half a dozen places over a distance of 1,000 feet along the creek. The widest area of mineralization is about 50 feet, the average being probably less than 20 feet. Most of the veins are 4 inches or less wide and only a few feet long, but several reach observed widths of 12 inches. Most of them are separated by 3 or 4 feet of wall-rock. The veins are well mineralized with chalcopyrite and pyrite, and the same minerals are disseminated throughout the intervening wall-rock. Disseminated mineralization is most intense along small shears, especially where they traverse porphyry or lie along porphyry-andesite contacts. More than 300, 1-foot channel samples averaged a trace of gold, less than 0.5 ounce of silver a ton, and less than 0.1% copper. The two best channel samples averaged 0.15 ounce of gold, 4.7 ounces of silver a ton, and 2.6% copper.</p>								
Associated minerals or products Minéraux ou produits associés				- Silver, gold,				

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Armstrong, J.E.; Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, p. 184, Geol. Surv. of Canada, 1949.

Reports of Minister of Mines, British Columbia: 1967, p. 119.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 201.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 876 A, Manson Creek, (Geol.), Sc. 1":4 miles (1946).

Map 907 A, Fort St. James, (Geol.), Sc. 1":6 miles - accomp. Memoir 252.

Map 93 N, Manson River, (Topo.), Sc. 1:250,000.

Map 1595 G, Klawli Lake, (Aeromag.), Sc. 1":1 mile (1963).

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

10-68

08-74