

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

TORO (DAVIS) (CHURCHILL)

OBJECT LOCATED - mineralized vein.
OBJET LOCALISÉ

UNCERTAINTY 1,000 m
FACTEUR D'INCERTITUDE

Lat. 58°22'30" Long. 125°12'00"
Lat. Long.

Mining Division Division minière	Liard	District District
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 Precambrian sedimentary rocks in the vicinity of the showings are interbedded dolomite and slate of the Aida Formation, strongly folded on axes which plunge gently to the southeast in most cases. Bedding in these sedimentary rocks dip at various angles to the northeast and southwest. In the vicinity of the showings the Precambrian rocks are cut by at least three large, northerly trending diabase dykes. Copper mineralization occurs mostly as lenses and stringers of chalcopyrite in quartz-carbonate veins which in part follow the sides of two of the diabase dykes. The veins are exposed intermittently for a strike distance of more than 6,000 feet and vary considerably in width and degree of mineralization. The best vein has an average width of 8 feet, though locally may be 30 feet wide, and is exposed for about 500 feet along strike. Surface samples averaged 2.95 per cent copper across 8 feet, but 4 drill intersections some 80 feet below the surface showings averaged only 0.66 per cent copper over 13.5 feet.

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

The property is located at an elevation of 7,400 feet, approximately 1 mile southwest of the junction of Goat Creek and Churchill Creek, 25 miles south-southwest of Milepost 401 on the Alaska Highway.

Magnum Consolidated Mining Co. Ltd. held the Churchill group of 69 claims in 1965. Canex Aerial Exploration Ltd. held an option on the property and carried out geological mapping. Magnum sold the property to Churchill Copper Corporation Ltd. late in 1965. Additional staking was done in the Davis, Bird, Caribou and other groups to a total of about 467 claims. Canex Aerial Exploration continued work under the option agreement during 1966. This included a geological survey, 2,100 feet of rock trenching, and 692 feet of diamond drilling in 5 holes; because of the steep terrain two short adits (total length 80 feet) were driven to provide diamond drill stations. Tonnage and grade were reported as 200,000 tons probable at 8% copper (NM 21/07/66). The reported surface sampling and diamond drill results suggest a much lower grade.

Churchill Copper held the property in 1971 as the Toro 1-8 and L 32, 34, 36 claims. No work was reported at that time.

The ground was held in 1977 by J.E. Irwin as the Jed 1 and 3 claims; prospecting was reported.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1965, p. 12; 1966, p. 18.

Mineral Policy Sector; Corporation Files: "Magnum Consolidated Mining Co. Ltd."; "Canex Aerial Exploration Ltd."; "Consolidated Churchill Copper Corporation Ltd."

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1971, pp. 93-95⁺; 1977, p. E 218.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1343 A, Tuchodi Lakes, (Geol.), Sc. 1:125,000 - accomp. Memoir 373, Geol. Surv. of Canada, 1973.

#Geology of the Toro claims, 1 cm:½ km (approx.), Fig. 16, Geology, Exploration, and Mining, 1971, p. 94.

*Map 94 K, Tuchodi Lakes, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	01-79	05-83					