



## Occurrence Details

**Occurrence Number:** 105H 073

**Occurrence Name:** Tai

**Occurrence Type:** Hard-rock

**Status:** Prospect

**Date printed:** 4/30/2025 5:19:27 AM

## General Information

**Secondary Commodities:** tungsten

**Deposit Type(s):** Skarn W

**Location(s):** 61°49'13" N - -129°2'25" W

**NTS Mapsheet(s):** 105H14

**Location Comments:** .5 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked in Sep/77 as Tai cl (YA25762) by Welcome North ML, which conducted mapping and sampling in 1977 and 1978. Riocanex explored with rock geochem sampling and 2 drill holes (160.6 m) in 1979 under a brief option. In 1981, the property was optioned to Union Carbide EL.

#### Capsule Geology

The showings consist of scheelite in garnet-diopside-quartz skarn that has developed in migmatized Proterozoic limy phyllite and limestone along the complex and indistinct margin of the Mt Billings Batholith. The skarns tend to be sulphide-deficient although minor amounts of pyrrhotite, sphalerite, magnetite and chalcopryrite are locally present. Molybdenite occurs with scheelite, magnetite and chalcopryrite in quartz veins that cut the skarn.

The northernmost showing, called Tai West, consists of a 30 m thick skarn zone that outcrops for over 600 m and contains very low grade scheelite. The other three showings (collectively called Tai East) consist of very narrow skarn bands. The middle showing, which is the best, returned average chip sample assays of 0.04% WO<sub>3</sub>. The best drill intersection was 0.02% WO<sub>3</sub> over 15 m.

#### References

DICK, L.A., 1980. A comparative study of the geology, mineralogy, and conditions of formation of contact metasomatic mineral deposits in the northeastern Canadian Cordillera. Unpublished Ph.D. Thesis, Queen's University, p. 8, 118, 123-126, 179-180.

GEOLOGICAL SURVEY OF CANADA, Paper 78-1A, p. 289-290.

MINERAL INDUSTRY REPORT 1978, p. 68.

RIOCANEX, Dec/79. Assessment Report #090516 by D.C. Durgin.

WELCOME NORTH MINES LTD, Jun/78. Assessment Report #090357 by J.S. Brock.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 187-188.

### Work History

Date	Work Type	Comment
12/31/1979	Drilling	Number of holes drilled: 2 Amount of work done: 160.6 METRES
12/31/1979	Other	
12/31/1977	Geology	
12/31/1977	Other	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">096369</a>	2008	Geological Assessment Report on the Joey Claim Group (JOEY 1-78)	Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		
<a href="#">090516</a>	1979	Woah Option Geology & Drilling, 1979	Diamond - Drilling, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other	6	351.10
<a href="#">090357</a>	1977	Geological Report on the Woah 1-56 and Tai 1-20 Claim Groups	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Prospecting - Other		
<a href="#">018913</a>	1968	Geological Report on Thor (East) Mineral Claim Group, Tusles Lake Area, Watson Lake Mining Division, Yukon Territory	Detailed Bedrock Mapping - Geology		

<a href="#">019136</a>	1968	1968 Progress Report and Proposed Program 1969	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
<a href="#">019913</a>	1968	Application for Northern Mineral Exploration Assistance on the Logan Project	Research/Summarize - Pre-existing Data		
<a href="#">019915</a>	1967	Property Report on Lee, Thor, Zeus, Pal, Star and Spar Mineral Claim Groups, Yukon Territory, Canada	Regional Bedrock Mapping - Geology, Property Evaluation - Other		