



Occurrence Details

Occurrence Number: 105H 073

Occurrence Name: Tai

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 12/18/2025 7:22:45 PM

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 chalcopyrite are locally present. Molybdenite occurs with scheelite, magnetite and chalcopyrite 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% WO₃. The best drill intersection was 0.02% WO₃ 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 Unpublished Ph.D. Thesis, Queen's University, p. 8, 118, 123-126, 179-180.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
096369	2008	Geological Assessment Report on the Joey Claim Group (JOEY 1-78)	Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		
090516	1979	Woah Option Geology & Drilling, 1979	Diamond - Drilling, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Prospecting - Other	6	351.10
090357	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		
018913	1968	Geological Report on Thor (East) Mineral Claim Group, Tusles Lake Area, Watson Lake Mining Division, Yukon Territory	Detailed Bedrock Mapping - Geology		

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