Occurrence Details

Occurrence Number: 105G 111
Occurrence Name: Tor
Occurrence Type: Hard-rock
Status: Unknown
Date printed: 6/14/2025 5:05:25 PM

General Information

Deposit Type(s): Unknown
Location(s): 61°52'27" N - -131°33'43" W
NTS Mapsheet(s): 105G13
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Tor cl 1-14 (YB15155) in Jul/88 by Welcome North Mines Ltd, which carried out prospecting and soil sampling later in the year.

Capsule Geology

The area is located at the northwest end of the Finlayson Lake District and has not yet been re-mapped by the Yukon Geology Program. Extrapolation of known geology suggests that the area is underlain by a sequence of layered metamorphic rocks likely belonging to the Carboniferous Wolverine Lake Succession. These rocks are in turn overlain by mafic volcanic and metaclastic rocks belonging to Murphy¿s Pennsylvanian to Permian Campbell Range Succession. The Campbell Range Succession was previously thought to be part of the Slide Mountain Terrane but recent mapping by Murphy and Piercey (1999, map) suggests that the succession is part of the Yukon-Tanana Terrane and that it represents the culmination of the transition from arc-rifting or back-arc extension to oceanic or back-arc marginal basin magmatism and sedimentation. Rocks of the Campbell Range Succession host the Ice deposit (Minfile Occurrence #105G 118), a Cyprus-type volcanogenic massive sulphide occurrence located approximately 27 km to the southeast. Diabase, gabbro, leucogabbro and ultramafic rocks intrude all levels of the succession.
Prospecting by Welcome North Mines located several zones of quartz-carbonate alteration cutting a ultramafic sequence but soil sampling failed to detect any anomalies.

References

MURPHY, D.C., AND PIERCEY, S.J., 1999. Finlayson project: Geological evolution of Yukon-Tanana Terrane and its relationship to Campbell Range belt, northern Wolverine Lake map area, southeastern Yukon. In: Yukon Exploration and Geology 1998, C.F. Roots and D.S. Emond (eds.), Exploration and Geological Services Division, Indian and Northern Affairs Canada, p.47-62.

MURPHY, D.C. and PIERCEY, S.J., 1999. Geological map of parts of Finlayson Lake (105G/7, 8 and parts of 1, 2, and 9) and Frances Lake (parts of 105H/5 and 12) map areas, southeastern Yukon (1:100 000-scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-4.

MURPHY, D.C. AND PIERCEY, S.J., 2000. Syn-mineralization faults and their re-activation, Finlayson Lake massive sulphide district, Yukon-Tanana Terrane, southeastern Yukon. In: Yukon Exploration and Geology 1999, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 55-66.

YUKON EXPLORATION 1988, p. 92-93.

Work History

Date	Work Type	Comment
12/31/1988	Geochemistry	
12/31/1988	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094384	2002	Geological, Geochemical and Prospecting Report Undertaken on the Play and Ref Properties	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
094300	2002	2002 Geophysical Report for the Play and Ref Claims in the Watson lake Mining District Yukon Territory, Canada	Data Compilation - Pre-existing Data, Process/Interpret - Pre-existing Data		
094301	2002	2002 Geophysical Report for the Ice and Assist Claims in the Watson Lake Mining District, Yukon Territory, Canada	Process/Interpret - Pre-existing Data		
093839	1997	Assessment Report Describing Geological Mapping, Prospecting, Soil Geochemistry and Airborne Geophysical Surveys on the Ice Property	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC018656	Field map of 105G/13 and 105G/14 with notations		Property File Collection	Geoscience Map (General)