



Occurrence Details

Occurrence Number: 105G 109
Occurrence Name: Copland
Occurrence Type: Hard-rock
Status: Unknown
Date printed: 4/29/2025 5:52:00 PM

General Information

Deposit Type(s): Unknown
Location(s): 61°31'36" N - -130°57'49" W
NTS Mapsheet(s): 105G10
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Mink cl (YB14560) in Aug/88 by Noranda. Expatriate Resources Ltd staked League cl 1-20 (YB59143) 12 km to the southeast in Mar/95. Between July and Oct/95 Expatriate added League cl 21-322 (YB60204) to their claim holdings.
In Oct/95 F. Charlie Sr. and sons staked Imp cl 1-18 (YB69761) north of the League claims.

Capsule Geology

The Finlayson Lake region is dominantly underlain by a layered sequence of Devonian to Early Mississippian metavolcanic and metasedimentary rocks of the Yukon-Tanana Terrane (YTT) that have been intruded by Mississippian granitic intrusions and later Jurassic, Cretaceous and Eocene intrusions (Murphy et al., 2001). The YTT is a volcanic-plutonic pericratonic arc assemblage that was strongly deformed and metamorphosed by Late Triassic time. Volcanic-hosted massive sulphide deposits exist at different stratigraphic positions within the YTT. The claims cover the contact between quartz-carbonate and serpentinized ultramafic rocks and a Jurassic diorite sill of the North Lakes meta-diorite unit.

References

BOND, J.D., MURPHY, D.C., COLPRON, M., GORDEY, S.P., PLOUFFE, A., ROOTS, C.F., LIPOVSKY, P.S., STRONGHILL, G., AND ABBOTT, J.G., 2002. Digital compilation of bedrock geology and till geochemistry, northern Finlayson Lake map area, Southeastern Yukon (105G), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File Report, 2002-7(D) and Geological Survey of Canada Open File 4243.

GORDEY, S.P. AND MAKEPEACE, A.J., 2003. Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

MORTENSEN, J.K., AND JILSON, G.A., 1985. Evolution of the Yukon-Tanana terrane: evidence from southeastern Yukon Territory. *Geology*, vol. 13, p. 806-810.

MURPHY, D.C., AND PIERCEY, S.J., 1999a. 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., 1999b. 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 Region, Indian and Northern Affairs Canada, Open File 1999-4.

MURPHY, D.C., COLPRON, M., GORDEY, S.P., ROOTS, C.F., ABBOTT, G., AND LIPOVSKY, P.S., 2001. Preliminary bedrock geological map of northern Finlayson Lake area (NTS 105 G) Yukon Territory (1:100 000 scale). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 2001-33.

MURPHY, D.C., COLPRON, M., ROOTS, C.F., GORDEY, S.P. AND ABBOTT, J.G., 2002. Finlayson Lake Targeted Geoscience Initiative (southeastern Yukon) , Part 1: Bedrock geology. In: Yukon Exploration and Geology 2001, D.S. Emond, L.H. Weston and L.L. Lewis (eds.), Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, p. 189-207.

PIERCEY, S.J., HUNT, J.A. and MURPHY, D.C., 1999. Lithogeochemistry of meta-volcanic rocks from Yukon-Tanana Terrane, Finlayson Lake region, Yukon: Preliminary results. 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.125-138.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095789	2011	Reconnaissance Geochemical Sampling Program 2011 on Mer Claims	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology , Prospecting - Other		
096348	2011	Airborne Magnetic Survey on Mer Claims	Magnetic - Airborne Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016587	Geochemical map - 105G/10 - Finlayson Lake		Property File Collection	Geochemical Map

ARMC017620	Geochemical map of Finlayson Lake - Cu, Pb, Zn, Mn, Mo.W		Property File Collection	Geochemical Map
ARMC016581	Geology map - 105G/10 - Finlayson Lake		Property File Collection	Geoscience Map (Geological - Bedrock)