



Occurrence Details

Occurrence Number: 105G 025
Occurrence Name: Chisholm
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 6/16/2025 1:12:07 AM

General Information

Deposit Type(s): Unknown
Location(s): 61°35'22" N - -131°10'14" W
NTS Mapsheet(s): 105G11
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Gun cl (Y7481) in May/66 following airborne mag and EM surveys by Atlas EL, which carried out geochem sampling and mapping later in the year. Restaked as Bev 1-32 cl (Y83483) in Oct/74 following airborne surveys by Hudson Bay M & S, which conducted ground mag and EM surveys and drilled one hole (137.8 m) in 1975.

Capsule Geology

Geological mapping (Murphy et al., 2001) shows the region is dominantly underlain by a layered sequence of Devonian to Early Mississippian metavolcanic and metasedimentary rocks of the Yukon-Tanana Terrane (YTT). 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 occurrence is mapped (Murphy et al., 2001) as being underlain by the Upper Devonian Fire Lakes metavolcanic unit. Geological Survey of Canada maps indicate a 400 gamma aeromagnetic anomaly in a low, overburden- covered area. Atlas found schist float with many small intrusive dikes, but no mineralization.

References

ATLAS EXPLORATION COMPANY LTD, 1966. Assessment Report *#017580 by J.S. Brock.

ATLAS EXPLORATION COMPANY LTD, 1967. Assessment Report *#017746 by J.S. Brock.

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.

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 Region, 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 Region, Indian and Northern Affairs Canada, p. 55-66.

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.

Work History		
Date	Work Type	Comment
12/31/1975	Drilling	One hole, 137.77 m.
12/31/1975	Ground Geophysics	Also EM survey .
12/31/1966	Geology	
12/31/1966	Geochemistry	
12/31/1966	Airborne Geophysics	Also magnetic survey.
12/13/1974	Airborne Geophysics	Also magnetic survey.

Assessment Reports that overlap occurrence					
Report	Year	Title	Worktime	Holes	Meters

Number	Year	Title	Work Types	Drilled	Drilled
060148	1972	Geology and Geochemistry, Hoo Occurrence	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
017746	1966	Geochemical Soil Sampling Surveys Gun Mineral Claim Group	Soil - Geochemistry, Line Cutting - Other		
017580	1966	Magnetic and Electromagnetic Geophysical Surveys, Gun Mineral Claim Group	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Line Cutting - Other		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC014099	GX grid - Field copy - Geochemical results - R-74 - Grass Lakes		Property File Collection	Miscellaneous Company Documents
ARMC014094	Airborne compilation - Grass Lakes area - Gun claims		Property File Collection	Geophysical Map
ARMC014098	Ground EM - Grid GZ - Gun mineral claims - Grass Lakes area		Property File Collection	Geophysical Map
ARMC014095	Ground mag contour - Grid GZ - Gun group - Grass Lakes area		Property File Collection	Geophysical Map
ARMC014093	Geochemical soil survey data sheets - Grass Lakes - Gun claims		Property File Collection	Miscellaneous Company Documents
ARMC014092	Analytical work sheets - Geochemical - Report No. R52-66 - Gun claims		Property File Collection	Miscellaneous Company Documents
ARMC014100	Analytical work sheets - Geochemical - Report No. R74 - Grassy Lakes		Property File Collection	Miscellaneous Company Documents
ARMC014096	Mag contours - Grid GZ - Gun group - Grass Lakes area		Property File Collection	Geophysical Map
ARMC014097	Mag. values - Grid GZ - Gun group - Grass Lakes area		Property File Collection	Geophysical Map