



## Occurrence Details

**Occurrence Number:** 105G 054  
**Occurrence Name:** Sun  
**Occurrence Type:** Hard-rock  
**Status:** Anomaly  
**Date printed:** 4/29/2025 9:35:42 PM

## General Information

**Secondary Commodities:** zinc  
**Deposit Type(s):** Unknown  
**Location(s):** 61°53'31" N - -130°48'41" W  
**NTS Mapsheet(s):** 105G15  
**Location Comments:** 1 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Staked as Sun cl (Y27734) in Sep/68 by Spartan EL following a regional geochemical survey. Restaked as Moon cl (YA12726) in Apr/77 by G. Harris & A. Carlos.

#### Capsule Geology

The area is underlain by weakly deformed and slightly metamorphosed Silurian to Triassic sedimentary rock units of the North American miogeocline. The Inconnu Thrust, which lies to the south, separates North American rocks to the north from Yukon-Tanana Terrane rocks to the south. Cretaceous granite intrudes the North American rocks, and undeformed Eocene basalt, rhyolite and gabbro also occur throughout the area.

The occurrence is mapped as being underlain by Permian Mount Christie Formation rocks (Unit PMC; Murphy et al., 2001). The claims cover erratic zinc anomalies and are underlain by scattered outcrops of dolomite near a contact with overlying Devonian-Mississippian clastic rocks.

#### 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.

GEOLOGICAL SURVEY OF CANADA Paper 69-55, p. 50.

HUNT, J.A., 2001. Volcanic-associated massive (VMS) mineralization in the Yukon-Tanana Terrane and coeval strata of the North American miogeocline, in the Yukon and adjacent areas. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Bulletin 12, 107 p.

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. 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.

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.

SPARTAN EXPLORATION LTD, Oct/68. Assessment Report #018942 by C.L. Smith.

### Work History

Date	Work Type	Comment
12/31/1968	Other	Regional survey.

## Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">018903</a>	1968	Sheldon O.E.X. Final Report (Geochemistry and Geology)	Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other, Prospecting - Other		
<a href="#">018942</a>	1968	1968 Progress Report and Proposed Program 1969, Fortin Project, Yukon Territory	Soil - Geochemistry, Regional Bedrock Mapping - Geology		

## Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC014135</a>	West Fortin - Air photo overlay A12228-202		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014139</a>	West Fortin - Air photo overlay A12228-286		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014140</a>	West Fortin - Air photo overlays A12228-287		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014134</a>	West Fortin - Geochem grid 1968		Property File Collection	Geochemical Map
<a href="#">ARMC014136</a>	West Fortin - Geology traverse - Sheldon O.Ex. - Air photo overlay A12228-203		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014137</a>	West Fortin - Geology traverse - Sheldon O.Ex. - Air photo overlays A12228-204		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014138</a>	West Fortin - Geology traverses - Sheldon O.Ex. - Air photo overlay A12228-205		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014143</a>	West Fortin sketch map showing geochem notations		Property File Collection	Geochemical Map
<a href="#">ARMC016597</a>	Geochemical map - 105G/15 - Fortin Creek		Property File Collection	Geochemical Map
<a href="#">ARMC016599</a>	Geochemical results map - 105G/15 - Fortin Creek		Property File Collection	Geochemical Map
<a href="#">ARMC016598</a>	Geochemical sample stations map - 105G/15 - Fortin Creek		Property File Collection	Geochemical Map
<a href="#">ARMC016334</a>	Geochemical values map - Cu, Pb, Zn - 105G/15 Fortin Lake - MacMillan project		Property File Collection	Geochemical Map
<a href="#">ARMC018662</a>	Field map of Pelly Mountain area - 105G/10, 105G/15		Property File Collection	Geoscience Map (General)
<a href="#">ARMC014142</a>	Field sheet of West Fortin showing geology		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">BROCK000060</a>	Geology map - Fortin project - Ross River - Yukon		Property File Collection	Geoscience Map (Geological - Bedrock)