



## Occurrence Details

**Occurrence Number:** 105H 050  
**Occurrence Name:** Lee  
**Occurrence Type:** Hard-rock  
**Status:** Prospect  
**Date printed:** 6/16/2025 12:39:10 PM

## General Information

**Secondary Commodities:** copper, lead, silver, zinc  
**Aliases:** Primo  
**Deposit Type(s):** Volcanogenic Sulphide - type not determined  
**Location(s):** 61°56'20" N - -129°24'21" W  
**NTS Mapsheet(s):** 105H14  
**Location Comments:** .5 Kilometres  
**Hand Samples Available:** Yes  
**Last Reviewed:**

### Capsule

Work History

Staked as Lee cl 1-192 (Y19118) in Sep/67 by Spartan Explorations Ltd, which carried out prospecting, grid soil sampling and magnetic surveying before staking Lee cl 193-232 (Y22187) in Oct/67. In 1968, Spartan carried out geological mapping, grid soil sampling, magnetic and EM surveying. Restaked as Peak cl (YA45145) in Aug/79 by D. Butler, and as North cl 1-8 and Star cl 1-16 (YA57107) in Oct/80 by R. Schmidt and M. Jack, who restaked as Oro cl 1-8 and D.G. cl 1-4 (YB01594) in Sep/87. Restaked as Primo cl 1-6 (YB85166) by P. Risby in Jun/96, who added Primo cl 7-96 (YB85645) in Jul/96 before the property was optioned by Klondike Gold Ltd. Klondike Gold staked Primo cl 97-189 (YB87195) in Aug/96 and carried out magnetic and EM surveying and drilled seven holes (450 m) later in the year. The company added Primo cl 190-223 (YB87719) in Oct/96 before ending the option in Apr/97 by failing to meet the requirements of the agreement.

Capsule Geology

Galena, sphalerite and minor chalcopyrite mineralization associated with pyrrhotite occur in Proterozoic limy argillite, that was previously interpreted to be a skarn. The geology of the property was reinterpreted by Klondike Gold as a potential volcanogenic massive sulfide target based on mapping that identified the presence of felsic to mafic volcanic flows and tuffs that are closely associated with known mineralization. Drilling intersected banded and massive sulfide mineralization hosted by argillaceous siltstone and chert. The best intersection (Hole 96-6) was 3.6% Zn and 7 g/t Ag over 2.3 m.

References

RISBY, P., Jul/97. Assessment Report #093724 by G.S. Davidson.

SPARTAN EXPLORATION LTD, Oct/67. Assessment Report #019915 by R.E. Chaplin.

SPARTAN EXPLORATION LTD, Feb/68. Assessment Report #019913 by C.L. Smith.

SPARTAN EXPLORATION LTD, Oct/68. Assessment Report #019136 by W.J. Roberts.

SPARTAN EXPLORATION LTD, Nov/68. Assessment Report #018911 by C.L. Smith.

SPARTAN EXPLORATION LTD, Nov/68. Assessment Report #018912 by C.L. Smith.

SPARTAN EXPLORATION LTD, Nov/68. Assessment Report #018914 by C.L. Smith.

YUKON EXPLORATION AND GEOLOGY 1996, p. 19.

### Work History

Date	Work Type	Comment
12/31/1996	Drilling	Seven holes, 450 m.
12/31/1996	Ground Geophysics	
12/31/1996	Ground Geophysics	Also EM survey.
12/31/1968	Geology	
12/31/1968	Geochemistry	Also silt sampling.
12/31/1968	Ground Geophysics	
12/31/1967	Geochemistry	
12/31/1967	Ground Geophysics	
12/31/1967	Other	

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">093724</a>	1996	Assessment Report on the Primo Claims	Diamond - Drilling, Drill Core - Geochemistry, EM - Ground Geophysics, Magnetics - Ground Geophysics	7	206.80
<a href="#">018911</a>	1968	Magnetic and Electromagnetic Geophysical Studies	EM - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other		
<a href="#">018912</a>	1968	Geochemical Soil Sampling Surveys on LEE Mineral Claims	Soil - Geochemistry, Line Cutting - Other		
<a href="#">018914</a>	1968	Geological Report on Lee Mineral Claims	Detailed Bedrock Mapping - Geology, Prospecting - Other		
<a href="#">019136</a>	1968	1968 Progress Report and Proposed Program 1969	Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology		
<a href="#">019913</a>	1968	Application for Northern Mineral Exploration Assistance on the Logan Project	Research/Summarize - Pre-existing Data		
<a href="#">019915</a>	1967	Property Report on Lee, Thor, Zeus, Pal, Star and Spar Mineral Claim Groups, Yukon Territory, Canada	Regional Bedrock Mapping - Geology, Property Evaluation - Other		

### Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
<a href="#">96-3</a>	Primo	1996	NQ	6	1
<a href="#">96-7</a>	Primo	1996	NQ	4	2