



## Occurrence Details

**Occurrence Number:** 115G 017  
**Occurrence Name:** Burwash  
**Occurrence Type:** Hard-rock  
**Status:** Prospect  
**Date printed:** 12/16/2025 3:19:22 PM

## General Information

**Secondary Commodities:** gold, silver, zinc  
**Deposit Type(s):** Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn  
**Location(s):** 61°22'36" N - -139°15'23" W  
**NTS Mapsheet(s):** 115G06  
**Location Comments:** 1 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

Work History

Discovered by placer miners between 1903 and 1914. Staked as Flyjac cl (Y8018) in May/66 by J. Smith and as CU cl (Y9892) in Aug/66 by R. Granger, who performed trenching in 1967. Restaked as Cop cl (Y35058) in May/69 and as Pud cl (Y51803) in Apr/70 by P. Southwick.

L.B. Halferdahl & Assoc staked 150 EL & Jan cl (YA75206) to the south and southeast in Oct/82-Feb/84 and performed mapping and geochem sampling in 1983-84. The claims were then transferred to Tatam Resources Ltd, which performed road construction in 1985 and 1986. In 1987, the claims were transferred to Nathan Minerals Inc., which performed airborne and magnetic surveys, and ground magnetic and Genie surveys and soil sampling in 1988 and line cutting, road construction and drilling in 1989.

L.B. Halferdahl tied on El, Jan, JJ etc claims to the south and east in October, 1987 and added Jaq cl (YB13997) to the north in Jun/88.

Capsule Geology

The original showing, which lies north of the Jaq claims, consists of chalcopyrite, chalcocite and bornite stringers in Upper Triassic Nikolai Greenstone.

Nathan Minerals' work has been directed toward Permo-Pennsylvanian metavolcanic rocks on the south side of Burwash Creek. The 1989 drillholes tested a geophysical anomaly on the EL claims south of Burwash Creek. Tuff in this area contained up to 5% pyrite in veins, blebs and disseminations. Values up to 1 025 ppb Au were obtained from clay-altered volcanic rocks, and graphitic core and sludge contained up to 260 ppb Au, 3.9 ppm Ag and 548 ppm Zn.

References

DODDS, C.J., AND CAMPBELL, R.B., 1992. Overview, legend and mineral deposit tabulations for Geological Survey of Canada Open Files 2188, 2189, 2190 and 2191.

GEOLOGICAL SURVEY OF CANADA, Open File 381.

GEOLOGICAL SURVEY OF CANADA Summary Report 1904.

GEOLOGICAL SURVEY OF CANADA Summary Report 1914, p. 31.

NATHAN MINERALS INC, Apr/88. Assessment Report \*#092529 by L.B. Halferdahl.

NATHAN MINERALS INC, 1990. Assessment Report \*#092838 by L.B. Halferdahl.

NATHAN MINERALS INC., Feb/90. Yukon Exploration Incentives Program Report #093112 by L.B. Halferdahl (EIP89-053).

NATHAN MINERALS INC., Apr/90. Assessment Report #092950 by L.B. Halferdahl.

YUKON EXPLORATION AND GEOLOGY 1983, p. 246.

YUKON MINING AND EXPLORATION OVERVIEW 1988, p. 34.

YUKON EXPLORATION 1985-86, p. 315-316.

### Work History

Date	Work Type	Comment
12/31/1967	Trenching	
12/31/1966	Other	Reconnaissance scale.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
		Report on the Geophysical Surveys in the Shakwak Valley Area			

<a href="#">092054</a>	1953	report on the geophysical surveys in the Stikine Valley Area, Yukon Territory for Canals Nickel Mines Limited.	Magnetic - Airborne Geophysics		
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**Related References**

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC006614</a>	Property submission report - Bur syndicate property		Property File Collection	Report
<a href="#">ARMC006615</a>	Kluane syndicate exploration proposal - 1973		Property File Collection	Report