



## Occurrence Details

**Occurrence Number:** 105G 078  
**Occurrence Name:** Flon  
**Occurrence Type:** Hard-rock  
**Status:** Anomaly  
**Date printed:** 12/16/2025 4:50:25 PM

## General Information

**Deposit Type(s):** Unknown  
**Location(s):** 61°41'6" N - -131°14'37" W  
**NTS Mapsheet(s):** 105G11  
**Location Comments:** .5 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Staked as Bev cl 151-162 (Y83640) in Oct/74 following airborne surveys by Hudson Bay Exploration and Development Company Ltd, which conducted ground mag and EM surveys and drilled 2 holes (148.0 m) in 1975.  
In July/94 Cominco Ltd restaked the property as the Pick cl 1-36 (YB50959) and carried out a small reconnaissance exploration program later in the year. In Jul/97 Cominco optioned the Pick and other neighbouring claim groups to Pacific Bay Minerals Ltd, which carried out a reconnaissance exploration program later in the summer. The claims were returned to Cominco in Nov/98.

#### 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 including the Fyre Lake deposit (Minfile Occurrence #105G 034) in the Devonian to lower Mississippian(?) Fire Lake mafic metavolcanic unit, the Kudz Ze Kayah deposit (Minfile Occurrence #105G 117) in the Mississippian Kudz Ze Kayah felsic metavolcanic unit, and the Wolverine deposit (Minfile Occurrence #105G 072) within the Lower Mississippian Wolverine Succession. The occurrence is mapped as being underlain by Upper Devonian metasedimentary rocks (Murphy et al., 2001; unit Dq), with the Fire Lake metavolcanic unit occurring to the east. Volcanism within the sequence was accompanied by the intrusion of Mississippian metaplutonic rocks to the north.  
The original Bev claims were staked in an area of deep glacial drift. The 1975 drilling tested geophysical anomalies within Devonian to Mississippian flat-lying, carbonaceous, pyritic schist. Cominco staked the Pick claims to cover airborne geophysical targets identified during a Cominco survey conducted in early 1994. Follow-up soil sampling revealed no anomalies of interest. Pacific Bay's exploration program failed to identify any significant anomalies or mineralization.

#### References

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- PACIFIC BAY MINERALS LTD, Jul/98. Assessment Report #093865 by F. Moyle and G. Wesa.

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.

## Work History

Date	Work Type	Comment
12/31/1975	Drilling	Two holes, 148 m.
12/31/1975	Ground Geophysics	Ground magnetometer and EM surveys.
12/31/1974	Airborne Geophysics	Also magnetic survey.

## Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">093346</a>	1994	1994 Assessment Report Pick and Cod Properties Soil Geochemistry and Geological Mapping	Soil - Geochemistry, Bedrock Mapping - Geology		

## Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC014056</a>	Airborne geophysical survey - Electromagnetic map - Grass Lake area - Map 1 of 4		Property File Collection	Geophysical Map

## Drill core at YGS core library

Number	Property	Year Drilled	Core Size	Photos	Data
<a href="#">Bev-10</a>	Mink-Bev	1976	BTW	0	1
<a href="#">Bev-12</a>	Mink-Bev	1976	BQ	0	1
<a href="#">Bev-8</a>	Mink-Bev	1976	BTW	0	5
<a href="#">Bev-1</a>	Mink-Bev	1975	BTW	0	1
<a href="#">Bev-3</a>	Mink-Bev	1975	BTW	0	1
<a href="#">Bev-5</a>	Mink-Bev	1975	BTW	0	1
<a href="#">Bev-6</a>	Mink-Bev	1975	BTW	0	1