



## Occurrence Details

**Occurrence Number:** 106C 043  
**Occurrence Name:** Dowser  
**Occurrence Type:** Hard-rock  
**Status:** Prospect  
**Date printed:** 4/29/2025 4:25:00 PM

## General Information

**Secondary Commodities:** cobalt, copper, gold, silver  
**Aliases:** G  
**Deposit Type(s):** Iron Oxide Breccias & Veins (Wernecke Breccias)  
**Location(s):** 64°56'29" N - -133°22'23" W  
**NTS Mapsheet(s):** 106C14  
**Location Comments:** 1 Kilometres  
**Hand Samples Available:** No  
**Last Reviewed:**

### Capsule

#### Work History

Staked as Mac cl 1-8 (Y69059) and Otto cl 1-8 (Y69068) in Mar/73 by Menika Mining Ltd, which added the Mad cl 1-8 (Y88678) in May/74, conducted an airborne mag-EM survey and drilled one hole (57.9 m) later in the year.  
Restaked as Cam cl (YA1940) in Apr/76 by Magni Development Ltd and optioned to New Minex Resources Ltd, which drilled 2 x-ray holes (58.5 m) later in the year on the Cam 3 claim.

#### Capsule Geology

The region is underlain by a metamorphosed and altered sequence of Early Proterozoic Wernecke Supergroup clastic and carbonate rocks (Fairchild Lake Group, Quartet Group and Gillespie Lake Group, from oldest to youngest) that are intruded by Early to Middle Proterozoic mafic sills and dykes, and cut by Middle Proterozoic Wernecke Breccia. To the east, Wernecke Supergroup rocks are unconformably overlain by Middle Proterozoic Pinguicula Group rocks. According to Thorkelson (2000), Wernecke Breccia development is best modeled as a set of hydrothermal and/or phreatic breccias; brecciation being caused by explosive expansion of volatile-rich fluids. Hunt (2005) attributed Wernecke Breccia formation to periodic over-pressuring of dominantly basinal fluids, which lead to repeated brecciation of host strata and mineral precipitation.  
Minor amounts of vein float have been found, from which selected specimens assay up to 4% copper, 4% cobalt, 2.7 g/t gold and 10.3 g/t silver. The claims are underlain by Fairchild Lake Group limy argillite cut by a few mafic dykes. The drill holes tested geophysical anomalies and were unmineralized.  
A second occurrence (Laznicka's No. 24) 2 km to the southwest where chalcopyrite and cobaltite occur in veinlets cutting bleached Fairchild Lake Group argillite near a Wernecke Breccia contact.

#### References

ETCETERA MANAGEMENT LTD, Apr/77. Assessment Report \*#091302 by L. Sookochoff.

GEORGE CROSS NEWSLETTER, 17 Aug/76.

GORDEY, S.P. AND MAKEPEACE, A.J., 2003. Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

LAZNICKA, P., 1977, Geology and mineralization in the Dolores Creek area, Bonnet Plume Range, Yukon. Geological Survey of Canada, Paper 77-1A, p. 435.

MENIKA MINING LTD, May/75. Assessment Report \*#061245 by D.G. Mark.

MINERAL INDUSTRY REPORT 1974, p. 63.

THORKELSON, D.J. AND WALLACE, C.A., 2000. Geology and mineral occurrences of the Slat Creek, Fairchild Lake and "Dolores Creek" areas, Wernecke Mountains, Yukon (106D/16, 106C/13, 106C/14). Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Bulletin 10, 73 p.

### Work History

Date	Work Type	Comment
12/31/1976	Drilling	Two holes, 59 m. X-Ray holes on Cam 3 claims.
12/31/1974	Drilling	One hole, 58 m.
12/13/1974	Airborne Geophysics	Also magnetic survey.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
		YIP February Internal Technical Report: Season 2007 Describing	Gamma-Ray Spectrometry - Airborne Geophysics, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Detailed Bedrock		

<a href="#">095634</a>	2007	2007 February Internal Technical Report, Season 2007 Describing Mapping, Prospecting and Diamond Drilling at the Lumina Property	Drill Core - Geochemistry, Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Scintillometer - Ground Geophysics, Prospecting - Other	15	4367.20
<a href="#">095646</a>	2007	2007 Geological, Geochemical and Geophysical Report on the Wernekes Project	Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Scintillometer - Ground Geophysics, Prospecting - Other, Backhoe - Trenching, Hand - Trenching, Handblast - Trenching	28	6537.96
<a href="#">094953</a>	2006	Assessment Report Describing Airborne Geophysics, Mapping, Prospecting and Diamond Drilling	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Drill Core - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	22	2602.89
<a href="#">094956</a>	2006	2006 Geological, Geochemical and Geophysical Report on the Wernekes Project	Reverse Circulation - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Scintillometer - Ground Geophysics, Prospecting - Other		
<a href="#">091302</a>	1976	[Drill Logs for 2 Holes on the Cam Claims]	Diamond - Drilling	2	58.52
<a href="#">061565</a>	1976	Report on Diamond Drilling Program Pterd, Knit, Ptoes Claims	Diamond - Drilling	5	470.61