



## Occurrence Details

**Occurrence Number:** 115J 025

**Occurrence Name:** Peg

**Occurrence Type:** Hard-rock

**Status:** Anomaly

**Date printed:** 4/28/2025 8:13:38 PM

## General Information

**Secondary Commodities:** copper

**Aliases:** Gap

**Deposit Type(s):** Porphyry Cu-Mo-Au

**Location(s):** 62°44'24" N - -138°44'13" W

**NTS Mapsheet(s):** 115J10

**Location Comments:** 1 Kilometres

**Hand Samples Available:** No

**Last Reviewed:**

### Capsule

#### Work History

Staked as Peg cl 1-16 (Y35914) and cl 19-32 (Y35923) in Jul/69 by H. Fromme and optioned to Glenlyon Mines Ltd, which conducted grid soil sampling later in the year. In Nov/69 Montana Mines Ltd staked Gap cl 1-6 (Y40697) on the southern end of the Peg claim block. The company carried out reconnaissance rock and soil sampling the following year. Restaked as AXS cl 1-18 (YD17559) in Oct/2009 by Western Copper Corporation. The claims are part of a larger block of 136 AXS claims staked at the same time.

#### Capsule Geology

The area was regionally mapped in the early 1970's by D. Templeman-Kluit (1974) of the Geological Survey of Canada. S. Johnston of the Canada/Yukon Geoscience Office (now part of the Yukon Geological Survey) and R. Shives of the Geological Survey of Canada (1995) released a geological compilation which covered this area. The geological compilation was constructed and interpreted using geophysical data obtained from airborne multiparameter geophysical surveys flown over the region by the Geological Survey of Canada in 1993 and 1994 and by geological mapping conducted by Johnston on adjoining topographic map sheet 115 I/12 in 1992.

Based on Johnston and Shives geological compilation the occurrence area is underlain by the Mid-Cretaceous Dawson Range Batholith. The occurrence is located near the boundary between biotite-hornblende granodiorite and hornblende-biotite diorite phases of the batholith. A small Late Cretaceous quartz-monzonite to aplite intrusion assigned to the Casino Intrusions, a subset of the Prospector Mountain Plutonic Suite intrudes the batholith west of the occurrence. Geological mapping carried out by Glenlyon Mines noted several roof pendants of metasedimentary rocks within the Peg claims. These roof pendants are likely remnants of the underlying Devonian to Mississippian Wolverine Creek Metamorphic suite basement rocks.

Glenlyon Mines staked the claims to explore for porphyry type copper-molybdenum mineralization similar to that found on the neighbouring Casino deposit (Minfile Occurrence #115J 028). Soil sampling carried out by the company outlined a small low-order copper-molybdenum soil anomaly located along the grid baseline at line station L0+00. The highest values recorded were 131 ppm copper and 3 ppm molybdenum. The anomaly was located in the south end of the Peg claim block at the intersection of Peg claims 2, 4 and 19. \*Comparing location maps included in assessment report #060220 with more recent topographic maps, it appears that the soil anomaly is actually located on the northwest side of the ridge hosting the occurrence.

#### References

GEOLOGICAL SURVEY OF CANADA, 1994b. Airborne Geophysical Survey, Selwyn River - West, Yukon Territory (NTS 115J/10, 11, 14, 15). Open File 2816.

GLENLYON MINES LTD, Aug/70. Assessment Report #060220 by G.G. Carlson.

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).

JOHNSTON, S.T., 1993. Geological map of Wolverine Creek map area Dawson Range Yukon (115 I/12): Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-3 (G).

JOHNSTON, S.T. AND HACHEY, N., 1993. Preliminary results of 1:50 000 scale geological mapping in Wolverine Creek map area (115 I/12), Dawson Range, southwest Yukon. In: Yukon Exploration and Geology 1992. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 49-60.

JOHNSTON, S.T. AND SHIVES, R. B. K., 1995. Interpretation of an airborne multiparameter geophysical survey of the northern Dawson Range, central Yukon: A progress report. In: Yukon Exploration and Geology 1994. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 105-111.

JOHNSTON, S.T. AND SHIVES, R. B. K., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, central Yukon (115 J/9 & 10; 115 I/12) (1:100 000 scale map). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1995-2.

MINERAL INDUSTRY REPORT 1969-70, p. 53-54.

TEMPLEMAN-KLUIT, D.J., 1974. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon; Geological Survey of Canada, Paper 73-41, 97 p. (including preliminary maps 16-1973 (115JK), 17-1973 (115H) and 18-1973 (115N)).

### Work History

Date	Work Type	Comment
12/31/1970	Other	On Gap claims, reconnaissance scale.

12/31/1969	Geology	On Peg claims.
12/31/1969	Geochemistry	On Peg claims.

### Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
<a href="#">096155</a>	2011	Prospecting, Soil Geochemistry, Airborne Magnetic and Radiometric Surveying, and Airphoto-Orthophoto Surveying on Betty Project	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Orthophoto - Airphotography, Rock - Geochemistry, Soil - Geochemistry, Prospecting - Other, Backhoe - Trenching		
<a href="#">095057</a>	2008	Summary Report of the 2008 Aster Image Program on the Canadian Creek Property	Infrared - Remote Sensing		
<a href="#">019767</a>	1970	Geophysical Report on Airborne Magnetic and Airborne Radiometric Surveys	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
<a href="#">060220</a>	1970	Geological and Geochemical Report on the Peg 1-16 and Peg 19-32 Mineral Claims-Dawson Range Area	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Line Cutting - Other		
<a href="#">017450</a>	1966	Report on Geochemical Survey-Dip Creek Watershed	Silt - Geochemistry, Soil - Geochemistry		
<a href="#">019098</a>	1965	Geophysical Report-Cat Claims-Casino Creek Area	Magnetic - Airborne Geophysics		

### Related References

Number	Title	Page(s)	Reference Type	Document Type
<a href="#">ARMC016557</a>	Geology map - 115J/10 - Colorado Creek		Property File Collection	Geoscience Map (Geological - Bedrock)
<a href="#">ARMC016558</a>	Geochemical values total extraction map - 115J/10 - Colorado Creek		Property File Collection	Geochemical Map