



Occurrence Details

Occurrence Number: 115I 089

Occurrence Name: Beavon

Occurrence Type: Hard-rock

Status: Anomaly

Date printed: 8/6/2025 1:46:13 AM

General Information

Secondary Commodities: copper

Aliases: Jam

Deposit Type(s): Unknown

Location(s): 62°23'58" N - -136°54'48" W

NTS Mapsheet(s): 115I07

Location Comments: Location appears to mark center of But claim block.

Hand Samples Available: No

Last Reviewed: Apr 1, 2016

Capsule

Work History

Staked as But cl 1-98 (Y78572) in Apr/74 by Canadian Superior Exploration Ltd, which carried out geological mapping grid soil sampling later in the year.

United Keno Mines Ltd staked Moon cl 1-106 (YA49219) just north of the occurrence in May/80. The company carried out geological mapping and soil sampling programs in 1980 and 81.

S. Ryan staked Jam cl 1-24 (YC46854) 4 km to the northwest in Apr/2006 and collected several lines of deep (1 meter) soil samples later in the year. Ryan added Jam cl 25-106 (YC53603) in Aug/2006. The expanded claim block covers an area located north and east of this occurrence.

In Nov/2006 Ryan optioned a 100% interest in the Jam claims and 14 other neighboring claim groups to BCGold Corp in return for cash, shares and certain work commitments. In 2007 BCGold flew a regional airborne magnetic and radiometric survey over the Jam and other claim blocks located in the area. In 2008 the company carried out Mobile Metal Ion (MMI) soil sampling over selected areas of the Jam claims.

In Jul/2010 BCGold accelerated the final payment under its property option agreement with Ryan and secured a 100% interest in the Jam and 15 other claim blocks optioned from Ryan. The company allowed Jam cl 1-24 to lapse in Apr/2013 while Jam cl 25-106 lapsed in Aug/2015.

GEOLOGY

The Jam claims are centered over a series of unnamed creeks located approximately 14 km northwest of Copper North Mining Corp's Carmacks Copper Creek deposit (Minfile Occurrence #115I 008). The area is located on the boundary between the Yukon-Tanana and Stikina terranes. Access is currently by helicopter.

The area is covered by deep overburden and outcrop is sparse. Based on Colpron et al. 2016 compilation map, the Jam claim block is mainly underlain by Late Triassic to Early Jurassic granodiorite assigned to the Granite Mountain batholith. The batholith intrudes Yukon-Tanana terrane basement rocks along its southwest margin and is faulted against Stikina rocks to the northeast along the Hoochekoo fault. To the northwest, the batholith is overlain by mafic to intermediate volcanic rocks of the Upper Cretaceous Carmacks Group and to the southeast; the Miller fault juxtaposes Carmacks Group volcanic rocks against the batholith. The Granite Mountain batholith is intruded by dacite dikes related to the Lower Cretaceous Mt. Nansen Group volcanics and by feeder dikes of the overlying Carmacks Group volcanic rocks. Broadly, the batholith is composed of a western Early Jurassic Long Lake suite part and an eastern latest Triassic to Early Jurassic Minto suite part; the contact between the two is poorly understood.

The occurrence location appears to mark the center point of Canadian Superior Explorations' But claim block. The company's 1974 exploration program did not locate any mineralization or anomalous areas. Soil sampling carried out by United Ken Hill Mines outlined 3 weakly anomalous copper soil anomalies associated with zones of strongly foliated granodiorite.

Information on BCGold's exploration programs is rather sketchy. No detailed results have been released regarding the Jam claims. The company's web site displays maps showing the results of the aeromagnetic vertical gradient and the Mobile Metal Ion (MMI) soil sampling programs. The claim block appears to be bisected by 8 northerly trending and 4 east-west trending aeromagnetic lineaments. Some of these lineaments appear proximal to and/or coincident to copper Mobile Metal Ion (MMI) soil anomalies.

***Note:** Only Ryan's 2006 exploration program appears to have been filed for assessment work (i.e. Assessment Report #094843). No other public reports appear to exist.

Work History

Date	Work Type	Comment
12/31/2008	Geochemistry	Mobile Metal Ion sampling.
12/31/2007	Airborne Geophysics	Also magnetic survey.
12/31/2006	Geochemistry	Collected approximately 1 m deep. Analyzed by ICP-MS method.
12/31/1981	Geology	Remainder of property mapped and sampled.
12/31/1981	Geochemistry	
12/31/1980	Geology	Approximately 1/2 of property covered.
12/31/1980	Geochemistry	

12/31/1974	Geochemistry	
12/13/1974	Geology	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090930	1980	1981 Geological and Geochemical Report on the MOON Claim Group	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry, Line Cutting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG2009_11	Bedrock geology of southwest McQuesten (NTS 115P) and part of northern Carmacks (NTS 115I) map area	p. 159-184.	Yukon Geological Survey	Annual Report Paper
YEG2015_13	Copper-gold ± silver mineralization at the Stu occurrence, central Yukon (Yukon MINFILE 115I 011)	p. 207-222.	Yukon Geological Survey	Annual Report Paper
2006-1	Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1 000 000 scale)		Yukon Geological Survey	Open File (Geological - Bedrock)
MIR1974	Mineral Industry Report 1974	p. 122.	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Geology	Annual Report
YEG2003_21	Early Jurassic porphyry(?) copper (-gold) deposits at Minto and Williams Creek, Carmacks Copper Belt, western Yukon	p. 289-303.	Yukon Geological Survey	Annual Report Paper
YEG1981	Yukon Exploration and Geology 1981	p. 217-218.	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report
YEG2007_OV	Yukon Exploration and Geology Overview 2007	p. 25.	Yukon Geological Survey	Annual Report
YEG1979_80	Yukon Geology and Exploration 1979-80	p. 262-263.	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report