



Occurrence Details

Occurrence Number: 115P 051

Occurrence Name: Jabberwock

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/15/2025 11:44:05 AM

General Information

Secondary Commodities: copper, silver, tin

Aliases: Alpine

Deposit Type(s): Vein and Greisens Sn

Location(s): 63°47'36" N - -136°57'32" W

NTS Mapsheet(s): 115P15

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

Work History

Staked as Jabberwock cl 1-24 (YA37978) in Aug/78 by CCH Resources Ltd (a subsidiary Campbell Chibougamau Mines Ltd) and Inco Ltd in Aug/78 and completed reconnaissance geochemical surveying. In 1979, Billiton Exploration Canada Ltd joined CCH and Inco to form the Cortin Joint Venture, which carried out grid soil sampling and geological mapping in 1979 and 1980. The Joint Venture carried out limited prospecting and geological mapping in 1981.

Restaked as Cari cl 1-50 (YB02331) in Jun/88 by Wahala Exploration Ltd; as part of Van cl 1-158 in Nov/91 by Placer Dome Inc, who carried out grid soil sampling and geological mapping in 1992; and as FP cl 1-12 (YB43260) in Feb/94 by R. Wondga.

B. Lueck staked the TP cl 2, 4-8 (YB48042) 3km to the west in Feb/94 and surrounded them with JD cl 1-91 (YB48278) in Mar/94 and added the EFP cl 1-44 (YB42583) on the southwest boundary of the FP claims at the same time. In the summer of 1994 Thor Explorations Ltd carried out prospecting and grid soil sampling on the eastern half of the TP claims and the adjoining JD claims.

Restaked as Alpine cl 1-38 (YC01901) in Aug/99 by S.Ryan, within a block of claims that includes Minfile Occurrence #115P 010 to the east. Ryan added Callum cl 1-4 (YC01939) 1.5 km to the south at the same time and carried out prospecting and geochemical sampling on both claim groups later that year. Ryan staked Callum cl 5-8 (YC02339) to the south in Aug/2000, forming a contiguous block with the previously staked Alpine and Callum claims. Magnetometer surveying and geochemical soil sampling in the central portion of the Alpine claims and on the Callum cl 1-6 was subsequently carried out. VLF-EM surveying of the Callum claims was also carried out at this time.

Capsule Geology

The area is underlain regionally by variably deformed and metamorphosed low to very low-grade metasedimentary rocks of the Yusezyu Formation of the Upper Proterozoic to Lower Cambrian Hyland Group. These are intruded and hornfelsed by unfoliated felsic rocks that range in composition from granite to granodiorite. The majority of felsic intrusions are mid-Cretaceous in age but work by Murphy and Heon (1994) show that a Late Cretaceous suite is also present.

The area was originally explored for tin and tungsten bearing veins. Emond (1992) and Emond and Lynch (1992) reported that regionally, cassiterite occurs in brecciated tourmaline-pyrrhotite-arsenopyrite veins cutting Hyland Group (Upper Proterozoic to Lower Cambrian) quartzite, quartz-muscovite schist and graphitic quartz-biotite-chlorite schist. The showings are associated with a porphyritic biotite-hornblende rhyodacite intrusion and biotite K-feldspar porphyry dykes of probable Cretaceous age.

At the Jabberwock showing, higher grade black cassiterite occurs in dry fractures or veinlets while the most common tin-bearing structures are vuggy quartz veinlets with iron oxide coatings and euhedral, dark brown to translucent cassiterite crystals and traces of chalcopyrite. Individual veins are up to 15 cm wide and specimens have assayed up to 8.8% Sn and 64 ppm Ag.

In the early 1990's, the announcement of the discovery of the Fort Knox porphyry gold deposit near Fairbanks, Alaska resulted in the area being examined for its porphyry gold potential. In 1992 Placer Dome explored the Van claims for Fort Knox-type gold mineralization however results were disappointing and the claims were allowed to lapse.

Thor Explorations' program followed up previous reports by placer miners of gold occurring in stockwork stringers in bedrock. Grid soil sampling returned a spotty and erratic Au in soil anomaly which was judged to be insignificant.

Ryan identified replacement style mineralization (?) consisting of massive pyrrhotite and chalcopyrite in calcareous rocks on the central ridge on the Callum claims. A grab sample returned 931 ppb Au and 1 866 ppm Cu. Soil samples collected from the southern portions of the grids established on the Alpine and Callum blocks, revealed anomalously high As (up to 301 ppm) with no values for Au reported for the Alpine grid and anomalous Au (up to 261 ppm) and As (up to 356 ppm) values for the Callum grid. Broad interpretation of the magnetometer surveying in conjunction with field observations possibly suggests that an intrusive body may underlie the northern part of the claim block.

References

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CORTIN PROJECT, May/79. Assessment Report #090474 by A.E. Woodsend.

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RYAN, S., Feb/2002. Assessment Report #094279 by S. Ryan.

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THOR EXPLORATIONS LTD, Mar/95. Assessment Reports #093271 by B.A. Lueck.

YUKON EXPLORATION AND GEOLOGY 1981, p. 230; 1999, p. .25.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 278.

Work History

Date	Work Type	Comment
12/31/2000	Geochemistry	
12/31/2000	Ground Geophysics	Also VLF-EM surveys.
12/31/1999	Geochemistry	
12/31/1999	Other	
12/31/1994	Geochemistry	
12/31/1994	Other	
12/31/1992	Geology	
12/31/1992	Geochemistry	
12/31/1981	Geology	
12/31/1981	Other	
12/31/1979	Geology	
12/31/1979	Other	
12/13/1979	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096401	2013	Geological and Geochemical Report, Mapping and Soil Surveys on the Mayo Properties	Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Detailed Bedrock Mapping - Geology, Prospecting - Other, Prospecting - Other		
096024	2011	Geochemical and Geophysical Report on the Mahtin Property	Gamma-Ray Spectrometry - Airborne Geophysics, Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Soil - Geochemistry, Soil - Geochemistry		
094166	1999	Prospecting and Geochemistry Report Alpine 1-38 Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Prospecting - Other		
091008	1981	Geological/Lithogeochemical Studies Jabberwock Group	Rock - Geochemistry, Prospecting - Other		
090796	1980	Geological and Geochemical Surveys Jabberwock Claims 1-24, Jabberwock Claims 31-65	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
090417	1978	Report on Snark Claims 1 to 210	Soil - Geochemistry		
090474	1978	Regional Geochemical Survey Jabberwock Group 1-24	Silt - Geochemistry, Soil - Geochemistry		