



Occurrence Details

Occurrence Number: 115I 163

Occurrence Name: BBB

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/15/2025 9:06:44 AM

General Information

Secondary Commodities: copper, gold, silver

Deposit Type(s): Epithermal Au-Ag: Low Sulphidation, Porphyry Cu-Mo-Au

Location(s): 62°11'58.78" N - 137°35'23.24" W

NTS Mapsheet(s): 115I03

Location Comments: Location provided by Rockhaven Resources 2019

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

In 1969, regional stream sediment sampling was performed by Archer Cathro in the Dawson Range for the Dawson Range Joint Venture (DRJV), which included the current BBB claims (AR 095811).

Soil and stream sediment sampling was conducted in 1975 by Archer Cathro on behalf of Klotassin Joint Venture (KJV). A total of forty-four soil samples and three stream sediment samples were collected within the current BBB claim property boundary during this program (AR 095811).

In 1985, the Geological Survey of Canada (GSC) conducted a low-density stream sediment and water sampling survey on NTS map sheet 115I (Friske et al., 1985) and took five samples from two creeks draining the area of the current BBB property.

In 2010, Strategic staked the BBB 1-16 claims and performed widely spaced soil and silt sampling on the property. In September 2010, they optioned the BBB property to Wolverine Minerals Ltd. Wolverine expanded the claim block to cover the Toast occurrence (115I 115).

In 2011, Wolverine conducted soil sampling, prospecting and 396 line-km of helicopter-borne magnetic and radiometric surveys over the BBB occurrence.

In early August 2014, Strategic staked the BBB cl 256-384 and performed silt and soil sampling, prospecting and hand trenching on the BBB claims.

Regional & Property Geology

The occurrence is located in the Dawson Range within Yukon-Tanana Terrane (YTT). The rocks of the YTT in this region consist of Early Mississippian metamorphic rocks separated into meta-sedimentary and meta-igneous suites (Stroshein, 1998). The meta-sedimentary suite consists of micaceous quartz-feldspar gneiss, schist and quartzite of the Nasina Assemblage. The meta-igneous package is comprised of biotite-hornblende feldspar gneiss and coarse-grained granodiorite orthogneiss with lesser amphibolite.

Four rock types dominate the geology surrounding the occurrence and are comprised of:

1. Paleozoic metamorphic Yukon-Tanana gneiss, quartzite, and amphibolite;
2. Mid-Cretaceous Mount Nansen Suite andesite, felsic lapilli tuffs, basaltic to latite volcanic rocks; and quartz feldspar porphyry, dacite, latite, and quartz monzonite porphyritic hypabyssal rocks;
3. Mid-Cretaceous Whitehorse Suite biotite-hornblende granodiorite to diorite; and,
4. Late Cretaceous to Tertiary Prospector Mountain Suite quartz-feldspar porphyry dykes.

No detailed mapping has been performed on the BBB claims due to the limited amount of bedrock exposure; however, the property is underlain by Whitehorse Suite biotite-hornblende granodiorite and diorite based on sampling and previous publications (Gordey and Makepeace, 2003). Two <1.5 km wide areas to the east and southeast of the property have been historically mapped as Mount Nansen Group andesite to dacite flows and porphyry plugs, dykes and sills (Tempelman-Kluit, 1984).

Mineralization & Results

Rock samples collected from the BBB property are dominantly comprised of fresh to weakly potassic altered Whitehorse Suite granodiorite with boxwork limonite and fresh hornblende-biotite Whitehorse Suite diorite (AR 095811).

Stream sediment sampling conducted in 1969 by DRJV over what is now the BBB property returned up to 10 ppm Cu and 51 ppm Pb (AR 095811).

Reanalysis of stream and soil samples from the current BBB property in 1980 by Archer Cathro for NAT Joint Venture returned stream sediment values between 100 and 500 pb Au from three different drainages (AR 095811).

Stream sediment and soil sampling from 2010 and 2011 by Strategic and Wolverine Minerals returned peak values of 836 ppb Au, 186 ppm Cu, and 82 ppm As. Sieve silt values in 2011 returned up to 424.6 ppb Au (AR 095811, AR 095499).

Work History

Date	Work Type	Comment
12/13/2014	Geochemistry	
12/13/2014	Trenching	

12/13/2014	Other	
12/13/2011	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Airborne Geophysics	And radiometric.
12/13/2011	Other	
12/13/2010	Geochemistry	
12/13/2010	Geochemistry	
12/13/1985	Geochemistry	Stream sediment sampling by GSC.
12/13/1980	Geochemistry	Reanalyses of previous soil and stream sediment splits.
12/13/1975	Geochemistry	And stream sediment sampling.
12/13/1969	Geochemistry	Stream sediment sampling.

Related References

Number	Title	Page(s)	Reference Type	Document Type
2003-9(D)	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)