Occurrence Details

Occurrence Number: 105M 144
Occurrence Name: Fed
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 1:45:59 AM

General Information

Secondary Commodities: gold, lead, silver, tin, zinc
Aliases: Haldane
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): N - W
NTS Mapsheet(s): 105M13
Location Comments: Georeferenced from AR 097337 (Figure 4).
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

The Joumbira cl (YA15151) were staked in June 1977 by CCH Res L (Campbell Chibougamau ML) & Inco, which performed mapping, and rock, silt and soil sampling 1977 and 1978 and hand trenching in 1978. In 1981, CCH carried out soil sampling, prospecting and bedrock mapping.

Re-staked as Joumbira (YB2261) and Lookout cl (YB2313) in June 1988 by J. Moreau, who performed trenching, mapping and rock and soil sampling and added more Lookout cl in June 1989.

Re-staked and consolidated as Haldane cl 1-99 by Equity Exploration Consultants Ltd. who optioned the claims to Habanero Resources Inc. in 2010.

Alianza Minerals Ltd. entered a purchase agreement in 2018 with Equity for the Haldane claims. In 2018, they carried out bedrock mapping at the Fed occurrence.

Regional & Property Geology

The Mt. Haldane area is underlain by the early Carboniferous Keno Hill quartzite. The quartzite overlies mid to late Devonian Earn Group quartz- and feldspar-phyric chloritic phyllite metavolcanics (Roots, 1997). Carbonaceous Earn Group phyllite and siltstone underlie the metavocanics. A large regional thrust fault, the Robert Service Thrust, is present in the area, which puts Keno Hill quartzite into thrust contact with Proterozoic Hyland group phyllite and schist. Numerous Triassic age metadiorite sills intrude both the Keno Hill quartzite and Earn Group rocks located around the occurrence. Several small Cretaceous age granitic dykes and intrusions also intrude the sequence (AR 097320).

Mineralization & Results

At the Fed showing 0.5 km south of the Pro showing (MINFILE occurrence 105M 142), cassiterite crystals occur with radiating aggregates of tourmaline along vertical joints in quartzite. Specimens from this showing contained up to 740 ppm Sn and 1460 ppm W.

A narrow quartz-pyrrhotite-arsenopyrite vein trenched by J. Moreau in 1989 returned low gold and silver values.

Work History

Date	Work Type	Comment
12/13/2018	Geology	
12/13/1989	Geochemistry	Grab and chip sampling.
12/13/1989	Geology	
12/13/1989	Geochemistry	
12/13/1989	Geochemistry	
12/13/1989	Other	
12/13/1981	Geochemistry	
12/13/1981	Geology	
12/13/1981	Other	
12/13/1978	Geochemistry	Chip and grab samples.
12/13/1978	Geology	
12/13/1978	Geochemistry	
12/13/1978	Trenching	
12/13/1977	Geochemistry	Prospecting grab samples.
12/13/1977	Geology	

12/13/1977	Geochemistry	
12/13/1977	Other	

Related References

Number	Title	Page(s)	Reference Type	Document Type
7	Geology of the Mayo Map Area, Yukon Territory (NTS 105M)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Bulletin
GM1996-4	Geological Map of Mt. Haldane area, Yukon (105M/13)		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Geoscience Map (Geological - Bedrock)