Occurrence Details

Occurrence Number: 105M 145
Occurrence Name: Peak
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/6/2025 2:17:25 AM

General Information

Secondary Commodities: gold, lead, silver, 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 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.

Re-staked and consolidated as Haldane cl 1-99 by Equity Exploration Consultants Ltd. in 2007 who carried out bedrock mapping and prospecting in 2008.

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

The Peak occurrence is located on the north side of Mt. Haldane and consists of a shallow, southwest dipping and southeast striking, 0.2 m to 2.0 m thick, massive to ribbon quartz vein that outcrops for 300 m. Mineralization is present as up to 5% sulphide, primarily galena. Surrounding wall rock is mineralized with narrow sulphide stringers and disseminated arsenopyrite and pyrite; however, silver and lead values are typically not significant in wall rock (AR 095638).

Grab and chip sampling of the Peak vein in 2008 returned values up to 162 g/t Ag, 0.584% Pb, 0.047% Zn, 0.02 ppm Au and 3180 ppm As over 0.7 m in a chip sample and 156 g/t Ag, 0.323% Pb, 0.055% Zn, 0.006 ppm Au and 2130 ppm As in a grab sample (AR 095638).

Work History

Date	Work Type	Comment
12/13/2018	Geology	
12/13/2008	Geochemistry	Grab and chip sampling.
12/13/2008	Geology	
12/13/2008	Other	
12/13/1981	Geology	
12/13/1981	Geochemistry	
12/13/1981	Other	
12/13/1978	Geology	

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)