



Occurrence Details

Occurrence Number: 105M 142
Occurrence Name: Pro
Occurrence Type: Hard-rock
Status: Showing
Date printed: 6/15/2025 11:40:05 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 Joubira 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 Joubira (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 Pro 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 metavolcanics. 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 Pro showing consists of 1-5 mm tourmaline veinlets with about 2% cassiterite and minor fluorite, cutting the margin of a sericitized quartz-biotite porphyry dyke. Specimens of these and associated quartz-muscovite veins assayed up to 1200 ppm Sn and 798 ppm W. The dyke returned a K-Ar age of 86 Ma (AR 090325).

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 samples. |
| 12/13/1989 | Geology | |
| 12/13/1989 | Geochemistry | |
| 12/13/1989 | Geochemistry | |
| 12/13/1989 | Trenching | |
| 12/13/1981 | Geochemistry | Prospecting grab samples. |
| 12/13/1981 | Geochemistry | |
| 12/13/1981 | Geology | |
| 12/13/1981 | Other | |
| 12/13/1978 | Geology | |
| 12/13/1978 | Geochemistry | |
| 12/13/1978 | Geochemistry | |
| 12/13/1978 | Trenching | |
| 12/13/1977 | Geochemistry | Prospecting grab samples. |

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| 12/13/1977 | Geology | |
| 12/13/1977 | Geochemistry | |
| 12/13/1977 | Other | |

| Related References | | | | |
|--------------------------|--|---------|--|---------------------------------------|
| Number | Title | Page(s) | Reference Type | Document Type |
| Z | 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) |