



Occurrence Details

Occurrence Number: 105M 146
Occurrence Name: Ross
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/6/2025 2:16:31 AM

General Information

Secondary Commodities: lead, silver, zinc
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

Staked as Fara cl 1-12 by J.P. Ross in 2003. Reconnaissance soil sampling was performed in 2004.

Alianza Minerals Ltd. entered a purchase agreement in 2018 to purchase the Fara claims from the estate of J.P. Ross. In 2018, they carried out silt and soil geochemistry and trenching on the claims leading to the discovery of the Ross occurrence. In 2019, they completed diamond drilling of one hole (225 m) and bedrock mapping at the Ross 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 Ross occurrence is an area of moderately to highly anomalous Pb-Zn-Ag in soils trending north-south that is 600 m in length. There is a lack of outcrop in the area, but mapping of float indicated the area is underlain by Keno Hill quartzite and Hyland Group phyllite (AR 097230).

Work History

Date	Work Type	Comment
12/13/2019	Drilling	One hole, 225 m.
12/13/2019	Geochemistry	
12/13/2018	Geochemistry	Grab and chip samples.
12/13/2018	Geochemistry	
12/13/2018	Geochemistry	
12/13/2018	Trenching	

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)