



Occurrence Details

Occurrence Number: 116A 011

Occurrence Name: Zebra

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/15/2025 6:54:33 PM

General Information

Secondary Commodities: copper, silver

Deposit Type(s): Manto Polymetallic Ag-Pb-Zn

Location(s): 64°40'47" N - -136°57'45" W

NTS Mapsheet(s): 116A10

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Copper mineralization was found in the area as early as 1917. The Hoffman, Copper, Rae and Chalco cl (80001) were staked in Jun/56 and optioned to Asbestos Corp, which explored by prospecting and hand trenching. Restaked as part of Zebra cl 1-14 (Y6287) in May/66 by Callison Enterprises. The claims were optioned in 1967 to Ventures ML and Anglo Western Mls L which explored by soil sampling in 1967 and vended the claims to Hart River ML in Dec/67. Hart River explored with grid soil sampling, trenching and 14.9 m of packsack drilling in 5 holes in 1971.

Capsule Geology

The claims cover Lower Proterozoic sedimentary rocks intruded by diorite sills which are Middle Proterozoic in age. Asbestos Corp located several showings of chalcopyrite in veins and lenses in the area.

Minfile occurrence 116A 011 was originally named the Rae showing but was renamed the Zebra showing by Callison Enterprises in 1966. Asbestos Corp described the occurrence as a massive lens of chalcopyrite 45 cm wide and 4.6 m long. The lens is situated within a shear zone and has been traced for a approximately 30 m. The best surface assay returned 7.3% Cu and 120.0 g/t Ag over 2.1 m.

Callison Enterprises cleaned out and expanded the original trench and collected chip samples. Abbott (1997) visited the showing and described it as a vertical, north-trending quartz-carbonate vein containing erratically distributed clots of chalcopyrite. The vein is parallel to, and about 40 m east of a narrow mafic dike. Both vein and dike cut the Quartet Group and emanate from a thick west-trending mafic sill which is located about 70 m north of the nearest vein exposure. The vein is almost 2 m wide at it's northern end and gradually narrows to the south where it is exposed in a series of hand trenches over a strike length of about 200 m. The Quartet Group is altered and silicified for about 1 m on either side of the vein. A chip sample collected by Callison Enterprises across the north end of the vein is reported to have returned assays of 0.14 g/t Au, 249 g/t Ag and 6.85% Cu across 1.2 m.

Two packsack holes drilled by Hart River assayed 0.45% Cu and 3.4 g/t Ag over 4.6 m and 3.29% Cu and 6.9 g/t Ag over 2.0 m.

Work History

Date	Work Type	Comment
12/31/1971	Drilling	5 holes, 14.94 m
12/31/1971	Geochemistry	
12/31/1971	Trenching	
12/31/1967	Geochemistry	
12/31/1956	Trenching	
12/31/1956	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
019105	1968	Report on a Geochemical Survey on the Zebra 1-89 Claims	Soil - Geochemistry		
019103	1966	Geological and Engineering Evaluation Report on the Zebra 1 to 14 Mineral Claims of H. A. Briden	Rock - Geochemistry, Detailed Bedrock Mapping - Geology, Hand - Trenching		
091766	1956	Geological Report on the Rae, Hoffman, Copper, and Chalco Groups	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC012666	Geology - Mark and Zebra areas - Drawing no. 701-43		Property File Collection	Geoscience Map (Geological - Bedrock)

ARMC012680	Field sheet 116A-10 - Hart River showing Zebra, Linda B, Trade & Mark claims and hand drawn markings		Property File Collection	Geoscience Map (General)
1993-7(G)	Surficial Geological Map of Stewart River Valley, parts of 115O/8, 115P/5 and 115P/12		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Open File (Geological - Bedrock)
YEG1992-pg13	Revised stratigraphy and new exploration targets in the Hart River region (NTS116A/10, 116A/11), southeastern Ogilvie Mountains		Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report Paper