



Occurrence Details

Occurrence Number: 116A 035

Occurrence Name: Briden

Occurrence Type: Hard-rock

Status: Showing

Date printed: 6/16/2025 8:03:55 AM

General Information

Deposit Type(s): Vein Cu+/-Ag Quartz

Location(s): 64°40'31" N - -136°55'26" 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 Chalko 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 ML 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 dioritic sills which are Middle Proterozoic in age. Asbestos Corp located several showings of chalcopryite in veins and lenses, one of which they called Zone 2. Company reports described the zone as a mineralized lens. A surface sample returned 4.7% Cu and 27.4 g/t Ag over 3.0 m. Callison Enterprises renamed Zone 2, Zebra showings 1 and 2. Abbott (1996) examined the showings and reported the following.

Showing No. 1 is a very irregular quartz vein or series of en echelon pods which cuts a serpentinized sill. The vein strikes roughly north and dips vertically to steeply to the east. It is exposed for a length of 25 m and varies from 30 to 2 m wide. Malachite and minor chalcopryite occur mainly at cross-shears in the vein. The maximum possible length of the vein is about 300 m, with most of the potential to the north of the exposure. Three chip samples across the zone are reported to have assayed 0.47% Cu across 3 m, 1.67% Cu across 60 cm, and 0.00% Cu across 60 cm, with trace Au and Ag.

Showing No. 2 is exposed about 75 m upstream from Showing No.1 over an area about 3 m X 2 m, on the same slope. It consists of a steeply dipping northwest-trending shear zone in a mafic sill, which, from southwest to northeast, contains; malachite and minor chalcopryite over 60 cm, minor chalcopryite in fractures over 60 cm, and 45 cm of massive chalcopryite. The maximum possible length of the zone is 20 m. A 2 m chip sample across the widest part of the zone assayed 12.55% Cu, 95.3 g/t Ag and trace Au.

Three packsack holes drilled by hart River returned 0.87% to 7.4% Cu and 20.6 g/t Ag over 2.1 to 2.7 m.

References

ABBOTT, G., AND ROOTS, C., 1993. Geological map of map area 116A/10, southeastern Ogilvie Mountains, Yukon Territory. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1993-(G).

ABBOTT, G., 1993. Revised stratigraphy and new exploration targets in the Hart River area, southern Ogilvie Mountains. In: Yukon Exploration and Geology 1992, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 19-28.

ABBOTT, G., 1997. Geology of the Upper Hart river Area, eastern Ogilvie Mountains, Yukon Territory (116A/10, 11). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 9.

ALRAE EXPLORATION LTD, May/67. Assessment Report #019103 by R.G. Hawley and R. Philp.

ASBESTOS CORP., Dec/56. Assessment Report by P.M. Kavanagh.

GEOLOGICAL SURVEY OF CANADA Memior 364, p. 140.

MINERAL INDUSTRY REPORT 1969-70, p. 23-25.

YUKON EXPLORATION 1985-86, p. 311-312.

Work History

Date	Work Type	Comment
12/31/1971	Drilling	
12/31/1971	Geochemistry	
12/31/1971	Trenching	
12/31/1967	Geochemistry	Work completed by Ventures ML and Anglo Western ML who then vended claims to Hart River ML.
12/31/1966	Other	

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		
091766	1956	Geological Report on the Rae, Hoffman, Copper, and Chalco Groups	Rock - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Hand - Trenching		