Occurrence Details

Occurrence Number: 106D 032
Occurrence Name: Pointer
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 8/5/2025 2:23:36 PM

General Information

Secondary Commodities: silver, zinc
Deposit Type(s): Unknown
Location(s): 64°10'16" N - -135°19'34" W
NTS Mapsheet(s): 106D03
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked by United Keno Hill Mines Ltd as Y cl 1-32 (84090) in Apr/65 following release of Geological Survey of Canada stream sediment data collected during Operation Keno (1964). United Keno performed mapping and grid soil sampling later in the year
Restaked as Brefalt cl 1-24 (YA43539) in Mar/81 by McCrory Holdings Ltd.

Capsule Geology

The area is located approximately 5 km northwest of McQuesten Lake, on the upper right branch of Pointer Creek. The area was regionally mapped by L. Green (1972) of the Geological Survey of Canada in 1961 as part of a helicopter-supported party known as Operation Ogilvie. Although the area has not yet been remapped by the Yukon Geological Survey, C. Roots (1997) of the Geological Survey of Canada under contract with the Exploration and Geological Services Division (now part of the Yukon Geological Survey) remapped topographic map sheet 105M located directly to the south in the mid-1990's. In 2003 Gordey and Makepeace released a geological compilation of the Yukon which covered this area.
Based on the work of various geologists, the occurrence area is thought to be underlain by a sequence of Middle to Late Devonian Earn Group and Early Carboniferous Keno Hill Quartzite rocks which have been thrust northwest by the Tombstone Thrust onto younger (Upper Proterozoic to Lower Cambrian) Hyland Group clastic rocks.
The occurrence marks the center point of a weak zinc-silver anomaly detected during stream sediment sampling carried out during the Geological Survey of Canada's Operation Keno (1964). Field notes recorded by the sample collection team shows that the occurrence area is underlain by schist. Grid soil sampling and prospecting by United Keno Hill Mines failed to uncover any mineralization.

References

GEOLOGICAL SURVEY OF CANADA Map 45-1965.

GORDEY, S.P. AND MAKEPEACE, A.J. 2003: Yukon Digital Geology, version 2.0, S.P. Gordey and A.J. Makepeace (comp); Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).

GREEN, L.H. 1972. Geology of Nash Creek, Larsen Creek and Dawson Map-Areas, Yukon Territory. Geological Survey of Canada, Memoir 364.

ROOTS, C.F., 1997. Bedrock geology of Mayo area, central Yukon (105M). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Geoscience Map 1997-1, 1:50 000 scale.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

YUKON EXPLORATION AND GEOLOGY 1981, p. 198.

Work History

Date	Work Type	Comment
12/31/1965	Geology	
12/31/1965	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096732	2014	Assessment Report Describing Metallurgical Test Pits, Metallurgical Auger Drilling, Geotechnical Auger Drilling, Geotechnical Study, Environmental Baseline Studies, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Auger - Drilling, Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Heritage/Archeological - Studies	9	96.77
093987	1998	Digital Topography, Landsat, and Colour Air Photo Survey over the Clark Claims]	Orthophoto - Airphotography, Rock - Geochemistry, Landsat - Remote Sensing		