



Occurrence Details

Occurrence Number: 106D 091
Occurrence Name: Davidson
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 5:59:21 AM

General Information

Secondary Commodities: lead, silver
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 64°3'43" N - -135°12'26" W
NTS Mapsheet(s): 106D03
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Homestake group prior to 1921 by A. Martin and associates, who trenched and sampled.
Restaked as Homestake cl (59163) in Jan/49 by R.A. McCann and as Vicki cl (59276) in Jun/49 by R.S. MacDonald, who trenched in 1949 and transferred the claims to Whitemetal Yukon Mines Ltd, which trenched in 1951 and 1952. Restaked as Homestake & Vicki cl (62348) in Jan/54 by J. Lucas.
Restaked as Den cl 1-8 (Y56222) in Sep/71 by a joint venture between Canadian Reserve Oil & Gas Ltd and Silver Spring Mines Ltd, which added Paul cl 1-8 Y68614) in Aug/72 to the south and trenched in 1972. After Canadian Reserve dropped its interest, the property was optioned by Canada Tungsten Mining Corporation Ltd.
The occurrence now lies within Category A Lands of the First Nation of Na-Cho Nyak Dun.

Capsule Geology

The occurrence lies immediately south of the southern headwaters of Cache Creek approximately 3 km southeast of Rambler Hill. L.H. Green of the Geological Survey of Canada mapped the area at 1:250 000 scale in 1961 as part of a helicopter-supported party known as "Operation Oglvie". The area has not yet been remapped by the Yukon Geological Survey however 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 addition Gordey, Abbott and Roots (1990) remapped topographic map sheets 105M/16, 106D/01 and 106D/07East & 08 respectively in the late 1980's. In 2003 Gordey and Makepeace released a geological compilation of the Yukon which covered this area.
Extrapolating C. Roots geological mapping north, the occurrence straddles the boundary between Middle to Late Devonian Earn Group penetratively deformed metasedimentary and metavolcanic rocks and Early Carboniferous Keno Hill Quartzite. This sequence is intruded by numerous Triassic aged tabular shaped metamorphosed mafic igneous intrusions.
Historical records indicate that the occurrence consists of at least two galena-bearing veins cutting Keno Hill Quartzite near a swarm of greenstone sills. The occurrence has been explored since the 1920's by various prospectors and exploration companies. The lack of assessment reports or other exploration records can be explained by the fact that a prospector would stake the occurrence then either perform physical work i.e. trenching (requiring no assessment report) or option the claims to a larger exploration company. The area surrounding the occurrence hosts numerous lead-silver +/- zinc veins and this occurrence was usually explored in conjunction with neighboring claims. It appears most exploration companies gave the occurrence a cursory look but spent the bulk of their time and money exploring higher grade neighboring occurrences.

References

ABBOTT, J.G. 1990. Geological map of Mt. Westman map area (106D/1); Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, Open File 1990-1.
GEOLOGICAL SURVEY OF CANADA Summary Report 1921, Part A pg. 5.
GORDEY, S.P. 1990. Geological map of the Tiny Island map area (105M16); Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, Open File 1990-2.
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, p. 139.
ROOTS, C. 1990. Geology of 106D/8 and 106D/7 (east half) map area; Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, Open File 1990-3.
ROOTS, C.F., 1997. Bedrock geology of Mayo area, central Yukon (105M0. 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, 82p.

Work History

Date	Work Type	Comment
12/31/1972	Trenching	
12/31/1951	Trenching	
12/31/1949	Trenching	
12/31/1921	Trenching	

12/31/1921	Other	
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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
096607	2012	Assessment Report Describing Metallurgical Testing, Wildlife Monitoring, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Heritage/Archeological - Studies		
093987	1998	Digital Topography, Landsat, and Colour Air Photo Survey over the Clark Claims]	Orthophoto - Airphotography, Rock - Geochemistry, Landsat - Remote Sensing		
090000	1974	Geological and Geochemical Report on Rambler Hill	Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		
060942	1970	Report on Aeromagnetic Survey-Keno Area, Yukon Territory	Magnetic - Airborne Geophysics		