



Occurrence Details

Occurrence Number: 106D 086

Occurrence Name: Sudden

Occurrence Type: Hard-rock

Status: Unknown

Date printed: 8/5/2025 2:23:28 PM

General Information

Deposit Type(s): Unknown

Location(s): 64°3'31" N - -135°1'58" W

NTS Mapsheet(s): 106D03

Location Comments: 1 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Spring cl 1-24 (YA41589) in Mar/80 by Rambler Explorations Ltd which staked Sudden cl 1-8 (YA41613) 2.4 km to the northwest at the same time. The company carried out trenching in 1980 and diamond drilling in 1981.

Capsule Geology

The occurrence is located approximately 3 km southwest of Mount Cameron in the Davidson Range, north-central Yukon. 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 Ogilvie". 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 area is underlain by Middle to Late Devonian Earn Group penetratively deformed rocks consisting of carbonaceous phyllite, siliceous carbonaceous metasilstone, rare calcareous greywacke, metaconglomerate and a felsic metavolcanic member. This sequence is intruded by numerous Triassic aged tabular shaped metamorphosed mafic igneous intrusions.

No assessment or other exploration records can be found for this occurrence. Its is likely the claims were staked for potential lead-silver +/- zinc mineralization. The Canadian Mines Handbook 1981-82 reports trenching in 1980 and diamond drilling in 1981 however government records can not verify this.

The occurrence is now located within Class A Settlement Lands controlled by the First Nation of Na-Cho Nyak Dun.

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.

CANADIAN MINES HANDBOOK 1981-82, p. 289.

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.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 244

Work History

Date	Work Type	Comment
12/31/1981	Drilling	Information from Canadian Mines Handbook 1981-82.
12/31/1980	Trenching	No details available.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
		Assessment Report Describing Metallurgical Test Pits: Metallurgical			

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		