



Occurrence Details

Occurrence Number: 106D 063
Occurrence Name: Nat
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/5/2025 2:23:25 PM

General Information

Secondary Commodities: copper, lead, silver, zinc
Aliases: Lucky Bear
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 64°4'46" N - 135°17'0" W
NTS Mapsheet(s): 106D03
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Copper cl 1-6 (Y56164), Tiger cl 1-8 (Y56176) and Nat cl 1-6 (Y56189) in Sep/71 by Silver Spring Mines Ltd, which explored with grid soil sampling, geophysical surveys, bulldozing and 3 diamond drill holes (207.6 m) in 1972 and added the Tom cl 1-4 (Y68436) to the north in August, all in a joint venture with Canadian Reserve Oil & Gas Ltd. Bullion Mountain Mining Company Ltd added the Jerry cl 1-9 (Y56248) to the northeast in Oct/71. Canadian Reserve performed additional trenching in 1976 and 1981. B. Raptis restaked the Tiger claims as Rap cl 1-8 (YA63400) in Jul/81 and performed trenching later in the year. The Canadian Reserve and Silver Spring interests were acquired by Canada Tungsten Mining Corporation Ltd in 1982.

Capsule Geology

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.

According to Gordey and Makepeace the area is underlain by a sequence of Devonian to Mississippian metasedimentary and metavolcanic rocks which have been deformed by metamorphism, folding, thrusting and other forces. Numerous Triassic gabbroic sills intrude the sequence.

The original claims were staked to protect possible silver-lead veins extending from the Rambler occurrence (Minfile Occurrence #106D 016) located 2 km to the southeast. The claims are underlain by Devonian to Mississippian metavolcanic rocks. Soil sampling followed by trenching traced a vein for a length of 366 m on the Nat claims. The vein is best developed where limestone and greenstone lenses are found within a schist unit. The vein varies in width from 1.2 to 3 m wide, is open at both ends, is heavily oxidized and contains erratic galena, anglesite, sphalerite and chalcopyrite in a quartz-limonite gangue. No assays have been released.

A large silver and lead geochemical anomaly was outlined along strike to the south on the Copper and Tiger claims.

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 RESERVE OIL AND GAS LTD, Mar/73. Assessment Report #060158 by E.R. Rockel.

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GEORGE CROSS NEWSLETTER, 2 Oct/72.

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.

MINERAL INDUSTRY REPORT 1971 and 1972, p. 30; 1973, p. 14-15.

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
12/31/1981	Trenching	

12/31/1976	Trenching	
12/31/1972	Drilling	Three holes, 207.6 m.
12/31/1972	Geochemistry	
12/31/1972	Ground Geophysics	Also magnetic survey.
12/31/1972	Trenching	

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		
060158	1972	Geophysical Report on the Irene, Copper, Tiger, Vern, Vat, Jan, Bobi, Lucky, Bear, Otter, Spring, Silver, Isa, and Punch Claim Groups	EM - Ground Geophysics, IP - Ground Geophysics, Magnetics - Ground Geophysics, Line Cutting - Other, Prospecting - Other		
060942	1970	Report on Aeromagnetic Survey-Keno Area, Yukon Territory	Magnetic - Airborne Geophysics		