Occurrence Details

Occurrence Number: 106D 030
Occurrence Name: Lucky Strike
Occurrence Type: Hard-rock
Status: Showing
Date printed: 8/5/2025 2:23:34 PM

General Information

Secondary Commodities: gold, lead, silver, zinc
Aliases: Mcquesten Pass
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 64°7'26" N - -135°32'0" W
NTS Mapsheet(s): 106D04
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Surething, Lucky Strike, etc cl (61853) in Aug/51 by L.J. Brown and J. Alverson, who sank a 9 m shaft and did some trenching, added the Olympus cl (80454) in Jun/60 and optioned the property in Aug/61 to G.F. Dickson, who added the JA cl 1-32 (80773). The property was transferred in May/62 to Cross Bow Mines Ltd and sold in Jun/62 to Mayo Silver Mines Ltd, which carried out bulldozer trenching in 1963.
Restaked as Lucky Strike cl 1-4 (Y6307) in Jun/66 by L.J. Brown; as Eagle cl 1-48 (Y32672) in Jul/69; and as JA cl 1-12 (YA43563) in Mar/81 by J.B. O'Neill. Restaked as JDB cl 1-64 (YBO2956) in Mar/89 by Aber Resources Ltd.
Restaked as Knorth cl 1-8 (YC50804) in Aug/2006 by S. Ryan.

Capsule Geology

The area is located on the northern slope of Alverson Hill approximately 3 km northwest of the East McQuesten River and is approximately 17 km northeast of the center point of the neighboring Dublin Gulch property. 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. In addition various company geologists have mapped the adjoining Dublin Gulch area in detail.
Based on the work of various geologists, the occurrence area is thought to be underlain by deformed Upper Proterozoic to Lower Cambrian clastic rocks of the Hyland Group. Although no large intrusions were mapped in the area, Green noted the presence of a quartz porphyry dyke (likely Late Cretaceous or younger) in the occurrence area. This description would match other occurrences in the region, where small granitic dykes or other intrusions commonly cut the clastic sequence.
The occurrence consists of galena and lesser amounts of sphalerite in quartz-siderite gangue in a vein fault cutting quartzite. Broken schist fragments are common within the mineralized portion. A quartz porphyry dyke is also present. A picked sample collected by Green and rich in galena assayed 113.1 g/t silver, 56.3% lead and 14.1% zinc and trace gold (page 137, Memoir 364). No other assessment work appears to have been filed for this occurrence.

References

GEOLOGICAL SURVEY OF CANADA Paper 63-38, p. 15.

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.

Work History

Date	Work Type	Comment
12/31/1963	Trenching	
12/31/1951	Trenching	
12/31/1951	Other	Sank a 9.1 m shaft.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled

093987	1998	Digital Topography, Landsat, and Colour Air Photo Survey over the Clark Claims]	Orthophoto - Airphotography, Rock - Geochemistry, Landsat - Remote Sensing		