



Occurrence Details

Occurrence Number: 106D 044
Occurrence Name: Royal
Occurrence Type: Hard-rock
Status: Showing
Date printed: 4/29/2025 10:26:20 AM

General Information

Deposit Type(s): Unknown
Location(s): 64°49'19" N - -135°25'56" W
NTS Mapsheet(s): 106D14
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Phil cl 1-8 (Y26905), Joan cl 1-8 (Y26913), Bar cl 1-8 (Y26921) and Ker cl 1-8 (Y26929) in Aug/68 by M. Dube. In Sep/69 Dube filed for \$800.00 worth of assessment credit (trenching) on each of the Phil, Joan and Bar claims.

Capsule Geology

The occurrence is located on the northeast side of the northern branch of Little Wind River, approximately 15 km southeast of Mount Fitzgerald. 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 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 sheets 106D/8 and 106D/7 (East half) to the southeast in 1990. D. Thorkelson (2000) also under contract with Exploration and Geological Services Division remapped topographic map sheet 106D/16 to the north as part of a larger bulletin. The work of these geologists was incorporated into a geological compilation of the Yukon released by Gordey and Makepeace of the Geological Survey of Canada in 2003.

According to Gordey and Makepeace the occurrence area is marked by an unconformable contact between Lower Proterozoic argillite and phyllite assigned to the Quartet Group, part of the larger Wernecke Supergroup and upper Cambrian to lower Devonian dolomite. Gordey assigns these lower Paleozoic rocks to the Bouvette assemblage while Thorkelson suggests that they might belong to the Slat Creek formation (?).

No records can be found regarding the trenching carried out by Dube. According to the Geological Survey of Canada Paper 62-7 (p. 20), chalcopyrite and specular hematite have been reported in minor amounts in Proterozoic rocks, especially near the unconformity with overlying Paleozoic carbonate rocks and that is possibly the reason for this staking.

References

GEOLOGICAL SURVEY OF CANADA PAPER 62-7, p. 20.

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. 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.

THORKELSON, D.J., 2000. Geology and mineral occurrences of the Slat Creek, Fairchild Lake, and "Dolores Creek" areas, Wernecke Mountains (106D/16, 106C/13, 106C 14), Yukon Territory. Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 10, 73p.

Work History

Date	Work Type	Comment
12/31/1969	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
092666	1988	Geological Mapping, Geochemical Sampling, and Diamond Drilling at the Nick Property	Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	4	362.40