



Occurrence Details

Occurrence Number: 105F 004
Occurrence Name: Gopher
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/29/2025 1:02:06 AM

General Information

Secondary Commodities: gold, lead, molybdenum, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 61°2'45" N - -133°47'19" W
NTS Mapsheet(s): 105F04
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

This area was extensively prospected and staked in the 1920's and an adit had been driven on this showing in 1934 when it was first visited by the GSC. The early claim records have not been found.
Staked by J. Mohagen in Aug/53 as Red cl (66549) and in Mar/65 as Gopher cl (92660), which were sold to Boswell River ML later in the year. Boswell performed mapping, geochem and geophysical surveys and limited hand trenching in 1966-68. Restaked as Bug cl (YA7996) in Aug/76 by Tintina Silver ML, and as Chess cl (YA48250) in Sep/79 by Golden Empire ML, which performed linecutting and trenched in 1980 and 1981 and mapping, geochem sampling and road construction in 1982.
Skagway Moly Inc added Moly cl (YA74202) to the west in Oct/81, changed its name to Shakwak ECL, and performed bulldozer trenching in 1982. Restaked as RG cl (YB24070) in Oct/88 by Dominion E Inc.
Restaked as Charm cl 1-16 (YB66577) by 13744 Yukon Inc in Feb/96.

Capsule Geology

Galena occurs in quartz lenses within a thin (1-2 m) dolomite horizon at the contact between a tuff unit to the south and quartz-sericite schist to the north that resembles the Klondike Schist of Paleozoic age. The following assays have been reported:

Type	
Width (cm)	
Ag (g/t)	
Pb (%)	
Zn (%)	
Au (g/t)	
lens in dolomite	
45.7	
3 277.6	
51.6	
0.3	
tr.	
lens in dolomite	
91.4	
65.1	
1.2	
tr.	
tr.	
lens in dolomite	
15.2	
1 570.2	
20.2	
tr.	

galena grab	

5 406.7	
81.5	
tr.	
0.34	
quartz vein	
61.0	
195.4	
6.8	
0.1	
tr.	
quartz vein	
61.0	
75.4	
1.5	

quartz vein
40.6
325.7
4.3

The workings cover a strike length of about 180 m and EM surveys traced the structure for a further 305 m. The Moly claims were staked to cover an occurrence of molybdenite in quartz feldspar porphyry dykes.

References

GEOLOGICAL SURVEY OF CANADA Paper 66-31 p. 60-62.

BOSWELL RIVER MINES LIMITED, 1966. Prospectus Report by P.H. Sevensma.

GEOLOGICAL SURVEY OF CANADA Memoir 203. p. 23-24.

SHAKWAK EXPLORATION COMPANY LIMITED, 1983. Prospectus Report.

Work History

Date	Work Type	Comment
12/31/1982	Geology	
12/31/1982	Development, Surface	
12/31/1982	Trenching	
12/31/1982	Other	
12/31/1981	Trenching	
12/31/1980	Trenching	
12/31/1968	Geology	
12/31/1968	Trenching	
12/31/1968	Other	
12/31/1967	Geology	
12/31/1967	Trenching	
12/31/1967	Other	
12/31/1966	Geology	
12/31/1966	Trenching	
12/31/1966	Other	
12/31/1934	Other	
12/31/1934	Other	Adit driven between 1920 and 1934.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093565	1996	Evaluation Survey of the Star 1-16, Mar 1-22 and Charm 1-16 Claims	Rock - Geochemistry		
060003	1969	Geochemical Survey, Assessment Work Report on the NW Claim group	Silt - Geochemistry, Soil - Geochemistry		
018619	1968	Geochemical Report; Fox and Star Claim Group	Silt - Geochemistry, Soil - Geochemistry		