



Occurrence Details

Occurrence Number: 116C 134
Occurrence Name: Pluto
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 5/31/2025 8:11:12 AM

General Information

Secondary Commodities: molybdenum
Deposit Type(s): Porphyry Mo (Low F-Type)
Location(s): 64°19'52" N - -140°21'5" W
NTS Mapsheet(s): 116C08
Location Comments: .5 Kilometres
Hand Samples Available: Yes
Last Reviewed: Jan 1, 2017

Capsule

Work History

Staked as Pluto cl (YA32612) in Jun/79 by Cominco, which explored with mapping and geochem sampling in 1979 and 1980, a mag survey in 1979, bulldozer trenching in 1980, and entered a joint venture with Getty Can Mls L, which drilled 11 holes (1980 m) in 1981 and deepened one hole and drilled 2 others (1417 m) in 1982. Restaked within Dome cl 1-38 (YB53100) by Archer, Cathro and Associates (1981) in Apr/95.

Capsule Geology

Molybdenite, wolframite and pyrite occur in quartz veins up to one cm wide within a stockwork system that cuts the southwest part of a quartz porphyry pluton. The stock is 1.5 km long and 0.5 km wide and has been dated by Cominco as 59.4 Ma (early Tertiary). It intrudes quartz-mica schist of the Nasina Series. The mineralization is associated with strong sericite alteration. Two small stocks were located nearby while trenching anomalies. Drilling indicated average grades of 0.02 to 0.05% Mo plus erratic tungsten values over intersections ranging from 60 to 150 m long.

Work History

Date	Work Type	Comment
2/1/2022	Geochemistry	
2/1/2019	Geochemistry	
2/1/2019	Ground Geophysics	
2/1/2019	Ground Geophysics	
2/1/2019	Remote Sensing	UAV photography surveys
2/1/2019	Ground Geophysics	
2/1/2014	Airborne Geophysics	GSC conducted high sensitivity aeromagnetic survey. Compiled, data was merged and levelled by map sheet in 2016-2017
12/31/1982	Drilling	2 holes, 1417 m
12/31/1981	Drilling	11 holes, 1980 m
12/31/1980	Trenching	
12/31/1979	Geology	
12/31/1979	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094915	2006	Geochemical Report on the GODDESS Claims	Soil - Geochemistry		
094719	2004	Geochemical Report on the GODDESS 1-49 Claims	Soil - Geochemistry		
091398	1982	Assessment Report for Diamond Drilling Program on Mineral Claim Pluto 26	Diamond - Drilling, Drill Core - Geochemistry	3	1617.27
090916	1981	[Report for the Drilling Program on the PLUTO Mineral Claims]	Diamond - Drilling, Drill Core - Geochemistry	5	813.88
090750	1979	Geological, Geochemical and Geophysical Report on the PLUTO Claim Group	Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Line Cutting - Other		