



Occurrence Details

Occurrence Number: 115I 045
Occurrence Name: Newkirk
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 7:36:00 AM

General Information

Secondary Commodities: copper, molybdenum, zinc
Deposit Type(s): Porphyry Cu-Mo-Au
Location(s): 62°17'58" N - -137°18'55" W
NTS Mapsheet(s): 115I06
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as the Mary, Ray, Red, Gladys cl in 1953 by Newkirk Mg Corp L, which performed mapping and a resistivity survey in 1954. Restaked as Fritz cl (85308) in Aug/63 & KP cl (90523) in Sep/64 by Meridian Synd (Canex, Noranda & Homestake), which conducted geochem sampling in 1964; and as Ram cl (Y40084) in Nov/69 by Golden Gate EL, which conducted an airborne geophysical survey and geochem sampling in 1970 and bulldozer trenching and more sampling in 1972.

Noranda staked Leta cl (YA23905) 3.2 km to the southeast in Jan/79 and explored with soil sampling later in the year and hand trenching in 1980.

The northeast side was restaked as May cl (YA82024) in Jun/84 by Shakwak ECL, which performed mapping and geochem sampling later in the year. The Kitza cl (YB8968) were staked to the southeast by Noranda EL in Nov/87 and the Jason cl (YB20306) were staked adjacent to the Kitza by Doron EL in Jul/88. The May claims were transferred in Oct/89 to R. Granger.

Capsule Geology

The claims cover a complex intrusive environment. No mineralization was found prior to 1980 although a copper-zinc soil anomaly was outlined on the Ram 1-4 claims and a copper-zinc-molybdenum soil anomaly on the Ram 13-20 claims. The 1954 and 1970 geophysical programs both located strong, northwest trending, linear conductors.

Noranda's trenching encountered chalcopyrite and molybdenite in a porphyry body that intrudes unfoliated granodiorite.

References

GOLDEN GATE EXPLORATIONS LTD, 1970. Assessment Report *#060200 by J.H. Montgomery and P.P. Nielsen.

MINERAL INDUSTRY REPORT 1969-70, p. 82-83

NEWKIRK MINING CORP. LTD, Sep/54. Assessment Report #017449 by J.D. McConnell.

NORANDA EXPLORATION CO. LTD, 1979. Assessment Report #090536 by G. MacDonald.

YUKON GEOLOGY AND EXPLORATION 1979-80, p.262

Work History

Date	Work Type	Comment
12/31/1987	Trenching	
12/31/1984	Geology	
12/31/1984	Geochemistry	Also rock sampling.
12/31/1980	Trenching	
12/31/1979	Geochemistry	
12/31/1972	Geochemistry	Also rock sampling.
12/31/1972	Trenching	
12/31/1970	Geochemistry	Also rock sampling.
12/31/1970	Airborne Geophysics	Also radiometric survey.
12/31/1964	Geochemistry	No data available
12/31/1954	Geology	
12/31/1954	Ground Geophysics	

Assessment Reports that overlap occurrence					
Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
060200	1970	Report on the Geophysical and Geochemical Surveys Ram and Bow Claim Groups	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Rock - Geochemistry, Soil - Geochemistry		

Related References				
Number	Title	Page(s)	Reference Type	Document Type
ARMC016627	Land and disposition and mineral deposits chart - Freegold - Big Creek area		Property File Collection	Geoscience Map (General)
ARMC016626	Geology and mineralization chart - Freegold - Big Creek area		Property File Collection	Geoscience Map (Geological - Bedrock)