



Occurrence Details

Occurrence Number: 115I 023
Occurrence Name: Pal
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 4/28/2025 7:50:36 PM

General Information

Secondary Commodities: copper, gold, silver
Deposit Type(s): Porphyry Cu-Mo-Au
Location(s): 62°36'36" N - -137°12'14" W
NTS Mapsheet(s): 115I11
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Pal and Kap cl (Y62359) in Sep/71 by G. Wing. Optioned in Oct by Dawson Range Joint Venture (Straus E Inc., Marietta Resources Int L, Molybdenum Corp of America, Trojan Cons L), which conducted geochemical sampling and prospecting and added the Ben cl (Y63288) in 1971; grid soil sampling and geological mapping in 1972; bulldozer trenching, EM 16 and magnetic surveys in 1973; and additional EM 16 and mag surveys and 990.6 m of drilling (4 holes) in 1974. Six shallow overburden holes were drilled by United Keno in 1976 to test potential tailing sites for the Minto-DEF deposit. Adjoining claims include IR and Jim cl (Y77278) in Sep/73 and Tim cl (Y78766) in May/74 to the south, acquired by BX Dev L, which conducted an EM 16 survey; Dark cl (Y66148) in Apr/72 by Klondike EL, which conducted EM 16 and geochem surveys; GORB cl (Y76991) in Sep/73 by Dynasty EL, which explored by soil sampling and mapping in 1974; and Frontier cl (Y76798), staked 9.6 km to the south in Sep/73 by Norwich Res L, which explored by stream sediment sampling and prospecting.

Capsule Geology

Copper oxides with minor chalcopyrite, bornite and magnetite occur in siliceous schistose zones within a complex granodiorite intrusion. The zones trend north and dip about 50° west and may represent the eastern limb of the synclinal structure that appears to control the mineral zones found on the Minto and DEF properties. The best zone exposed by trenching assayed 0.6% Cu, 6.5 g/t Ag and 0.34 g/t Au across 11.0 m. Drilling 91 m beneath this intersected 9.8 m grading 0.68% Cu, including 3.0 m grading 1.55% Cu. No mineralization was found on the fringe claims to the south, where Late Cretaceous Carmacks volcanics cap the favourable granodiorite.

References

ARCHER, CATHRO AND ASSOCIATES LTD, Sep/76. Assessment Report *#091341 by M.P. Phillips.

BX DEVELOPMENT LTD, 1974. Assessment Report *#061071 by J.B.P. Sawyer.

DAWSON RANGE JOINT VENTURE, Jan/74. Assessment Report #061115 by A.R. Archer.

DAWSON RANGE JOINT VENTURE, Aug/74. Assessment Report *#092010 by A.R. Archer.

KLONDIKE EXPLORATIONS LTD, 1973. Assessment Report *#060135 A.C. Ogilvy.

KLONDIKE EXPLORATIONS LTD, 1974. Assessment Report *#060921 G.H. Rayner.

MINERAL INDUSTRY REPORT 1974, p. 100-101; 1976, p. 78.

Work History

Date	Work Type	Comment
12/31/1974	Drilling	Four holes, 990.6 m.
12/31/1974	Ground Geophysics	Also magnetic survey.
12/31/1973	Ground Geophysics	Also magnetic survey.
12/31/1973	Trenching	
12/31/1972	Geology	
12/31/1972	Geochemistry	
12/31/1971	Geochemistry	Also rock sampling.
12/31/1971	Other	
12/13/1974	Geology	

12/13/1974	Geochemistry	
12/13/1973	Geochemistry	
12/13/1973	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093012	1991	1991 Mag-VLF Survey Assessment Report-MINTO Project	EM - Ground Geophysics, Magnetics - Ground Geophysics		
061139	1974	Report on the ROD and AL Claims Group	Soil - Geochemistry, Bedrock Mapping - Geology		
091337	1974	Assessment Report on the Dark 47 to 54 Inclusive and DARK 61 and 63 Claims Group	Data Compilation - Pre-existing Data		
061095	1974	Geophysical Report of the Ground Magnetometer Survey on the DARK Mineral Claims	Magnetics - Ground Geophysics, Line Cutting - Other		
092011	1973	Geological Report on the DARK 47 to 54 Inclusive and DARK 61 and 53 Claim Group	Data Compilation - Pre-existing Data		
061161	1973	Geological Report on the DARK 47 to 54 Inclusive and DARK 61 and 53 Claim Group	Data Compilation - Pre-existing Data		
061115	1972	Report on the Geochemical Sampling and Geological Mapping BEN, PAL and KAP Claims	Soil - Geochemistry, Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016619	Geology map - 115I/11 - Dark Creek		Property File Collection	Geoscience Map (Geological - Bedrock)