



Occurrence Details

Occurrence Number: 105L 023

Occurrence Name: Muir

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 10/4/2025 7:28:10 AM

General Information

Secondary Commodities: copper, gold, silver

Aliases: Jh

Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au

Location(s): 62°39'19" N - -134°35'15" W

NTS Mapsheet(s): 105L10

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

The main showing was found prior to 1935 although no staking records or work history have been located. Staked as Farmu cl (73127) in Aug/57 by Gavin Muir and restaked as JH cl (YIO954) in Nov/66 following an airborne mag and EM survey by Glenlyon ML, which conducted soil sampling and ground EM surveys in 1967 and optioned the property in early 1968 to McIntyre Porcupine ML, which drilled one hole (167.6 m) later in the year. Restaked as End cl (Y91534) in Nov/74 by Bow River Res L & Envoy Res L, which conducted geochemical and geophysical surveys in 1975; and as PDQ cl (YA25375) in Aug/79 by Welcome North ML. The PDQ group was transferred in 1980 to Pelly Project (Welcome North ML and E & B EL), which conducted airborne mag and EM surveys, linecutting and geochem sampling.

Capsule Geology

The Farmu claims were reportedly staked on an ultramafic body although none has been mapped at this location. The main showing is exposed on a small bluff and consists of pyrite and chalcopyrite in a quartz stockwork cutting phyllite and sericite-chlorite schist. Glenlyon found similar mineralization in silicified, ferruginous dolomite and collected two representative chip samples 450 m apart, across widths of 3 to 7.6 m that averaged about 0.18% Cu, 6.9 g/t Ag and trace Au. The drill hole tested the main showing and it intersected numerous zones of chalcopyrite associated with quartz veining. The most continuous mineralization was from 2.4 to 7.3 m, which averaged 0.15% Cu and 0.15.4 g/t Ag while the best grade was 1.41% Cu, 24.0 g/t Ag and 0.34 g/t Au from 96.0 to 97.2 m. Envoy discovered mineralized float near the main showing from which two representative samples of 50 fragments each assayed 0.75% and 0.57% Cu. Soil sampling failed to extend the known showings. The 1980 surveys gave negative results.

References

BOW RIVER RESOURCES LTD AND ENVOY RESOURCES LTD, Feb/75. Assessment Report #061236 by R.G. Hilker.

BOW RIVER RESOURCES LTD AND ENVOY RESOURCES LTD, Oct/75. Assessment Report #061358 by J.W. MacLeod.

BOW RIVER RESOURCES LTD AND ENVOY RESOURCES LTD, 1975. Assessment Report *#090003 by J.W. MacLeod.

GEOLOGICAL SURVEY OF CANADA Memoir 200, p. 18.

GEOLOGICAL SURVEY OF CANADA Paper 69-55, p. 28-29.

GEORGE CROSS NEWSLETTER, 15 Mar/67.

GLENLYON MINES LTD, Oct/66. Prospectus Report by P.H. Sevensma.

GLENLYON MINES LTD, Mar/67. Assessment Report *#092552 by P.H. Sevensma.

MINERAL INDUSTRY REPORT 1975, p. 128.

WELCOME NORTH MINES LTD, Feb/81. Assessment Report *#090747 by G.H. Rayner.

YUKON GEOLOGY AND EXPLORATION 1979-80, p. 200.

Work History

Date	Work Type	Comment
12/31/1980	Other	
12/31/1980	Geochemistry	
12/31/1980	Airborne Geophysics	Also magnetic survey
12/31/1975	Geology	

12/31/1975	Geochemistry	
12/31/1968	Drilling	One hole, 167.4 m
12/31/1967	Geochemistry	
12/31/1967	Ground Geophysics	
12/31/1966	Airborne Geophysics	Also magnetic survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090747	1980	A Soil Geochemical Report on the Pdq 1-20 Mineral Claims	Soil - Geochemistry		
061358	1975	Geochemical Report on the End Group Whitehorse Mining Division	Soil - Geochemistry		
090003	1975	Geochemical Report on the End Group Whitehorse Mining Division	Soil - Geochemistry		
061236	1975	Property Examination and Evaluation Report - End 1-24 Yukon Quartz Mineral Claims	Property Evaluation - Other		
092552	1967	Progress Report February 2nd, 1967 - JH Group	Research/Summarize - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC008124	Tummel Basin geochemical survey map - Cu-Pb-Zn contours - Map 1-2, Sheet 2 - Detour Lakes		Property File Collection	Geochemical Map
ARMC008127	Regional geochem survey map - Showing sample dates - Tummel Basin - Map 1 of 2		Property File Collection	Geochemical Map
ARMC008128	Regional geochem survey map - Showing sample dates - Tummel Basin - Map 2 of 2		Property File Collection	Geochemical Map
ARMC008129	Regional geochem survey map - Showing sample values - Tummel Basin - Map 2 of 2		Property File Collection	Geochemical Map
ARMC016357	Regional geochem survey - Copper contour map - Tummel Basin - Drawing No. 1		Property File Collection	Geochemical Map
ARMC016356	Regional geochem survey - Cu, Pb, Zn results - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map
ARMC016359	Regional geochem survey - Lead contour map - Tummel Basin - Drawing No. 2		Property File Collection	Geochemical Map
ARMC016358	Regional geochem survey - Zinc contour map - Tummel Basin - Drawing No. 3		Property File Collection	Geochemical Map
ARMC014672	Progress report to June 15, 1967 - Glenlyon Mines Ltd.		Property File Collection	Report
ARMC014670	Progress report on D.D. program conducted by McIntyre Porcupine Mines Ltd. July to September 1968 - Detour Lakes area		Property File Collection	Report
ARMC014671	Geological, geophysical & geochemical report - Pine, Hub & JH claim groups - Whitehorse M.D. - Progress report on work completed between May 1 and Sept 30, 1967		Property File Collection	Report