



Occurrence Details

Occurrence Number: 105F 002

Occurrence Name: Mobs

Occurrence Type: Hard-rock

Status: Showing

Date printed: 6/15/2025 11:45:24 AM

General Information

Secondary Commodities: lead, molybdenum, silver

Aliases: Mchagen-Kelly

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

Location(s): 61°1'24" N - -133°39'57" W

NTS Mapsheet(s): 105F04

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

A few quartz claims were staked in this area in 1923 but no records have been found. A 36.6 m adit and several open cuts had been completed here by 1934 when the area was first visited by the GSC.

Restaked as Hazel cl (4572) in Jun/46 by J. Johns, as Sid cl (60741) in Jun/52 by J. Mohagen, and as the Mobs cl (66529) in Aug/53 by M. Baird. Restaked as Wopus cl (77913) in Aug/62 by Mohagen and sold in May/66 to Boswell River ML, which added the Star cl (Y8012) in May/66 and performed hand trenching, mapping, geochem sampling and EM surveys in 1966-68. J. Suits added Hill cl (Y20998) in Sep/67.

Restaked as AG cl (Y75836) in Jul/73 by El Paso Mg & Milling C, which performed mapping and soil sampling in 1973 and 1974, and as Ann cl (YA22802) in Jul/78 by a joint venture between Placer Dev L and Newmont, which performed a geochem survey later in the year.

Restaked as BOS & GE cl (YA48275) in Oct/79 by H. Rail, etc and transferred to a new company, Golden Empire ML, which performed linecutting and trenching in 1980 and 1981 and mapping, geochem sampling and road construction in 1982.

Restaked as Star cl 1-16 (YB66593) 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.

Galena and minor amounts of molybdenite also occur in quartz veins at the contact between a Cretaceous batholith and metasedimentary rocks of unknown age which resemble the Klondike Schist (Permian). The veins are up to 9.2 m wide, and the adit reportedly cut a 4.6 m vein. Three grab samples collected by the GSC assayed 740 to 1566.8 g/t Ag and trace Au. Soil sampling outlined a number of coincident lead-silver anomalies near a 640 by 37 m area where quartz stockwork comprises about 10% of the rock. Assays of 62 rock samples collected by El Paso averaged 68.57 g/t Ag and 0.8% Pb.

References

13744 YUKON INC, Feb/97. Assessment Report *#093565 by S. Traynor.

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

EL PASO MINING AND MILLING COMPANY, 1974. Assessment Report *#060856 by B. Taylor.

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

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

MINERAL INDUSTRY REPORT 1974, p. 149.

WHITEHORSE MINING RECORDER, 1923. Annual Report.

Work History

Date	Work Type	Comment
12/31/1982	Geology	
12/31/1982	Development, Surface	
12/31/1982	Geochemistry	Also rock sampling.
12/31/1981	Trenching	
12/31/1980	Trenching	
12/31/1978	Geochemistry	Also rock sampling.
12/31/1974	Geology	

12/31/1974	Geochemistry	
12/31/1973	Geology	
12/31/1973	Geochemistry	
12/31/1968	Geology	
12/31/1968	Ground Geophysics	
12/31/1968	Trenching	
12/31/1967	Geology	
12/31/1967	Geochemistry	Also rock.
12/31/1967	Ground Geophysics	
12/31/1967	Trenching	
12/31/1966	Geochemistry	Also soil sampling.
12/31/1966	Geology	
12/31/1966	Ground Geophysics	
12/31/1966	Trenching	
12/31/1934	Development, Underground	A 36.6 m long adit dug.
12/13/1934	Trenching	Several trenches dug.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
094937	2007	Assessment Report, Helicopter Magnetic and Radiometric Survey for It's Your Nickel Exploration Ltd. on the Turn River Uranium Project	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics		
093565	1996	Evaluation Survey of the Star 1-16, Mar 1-22 and Charm 1-16 Claims	Rock - Geochemistry		
060856	1974	Report on the Geology and Geochemistry of the AG 1-6 Mineral Claims	Soil - Geochemistry, Bedrock Mapping - Geology		
060003	1969	Geochemical Survey, Assessment Work Report on the NW Claim group	Silt - Geochemistry, Soil - Geochemistry		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC014332	Summary report on Mobs group - Boswell River area		Property File Collection	Report