

Occurrence Details

Occurrence Number: 105A 005

Occurrence Name: Watson

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 8/6/2025 12:42:38 AM

General Information

Secondary Commodities: lead, silver, zinc

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

Location(s): 60°0'12" N - -128°36'22" W

NTS Mapsheet(s): 105A02

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Joan cl 1-2 (76962) in Sep/61 by H.C. Karels. Restaked as Betty cl (79802) in Sep/62 by J. Sadowski, as H cl (79872) in Oct/62 by A.C. Fraser and as PD cl 1-16 (YA70798) in Nov/83 by J. Michael. The east side was staked as Man cl 1-24 (YA70060) and the west side as Rom cl 17-20 (YA70285) and Rom cl 25-44 (YA70169) in May/83 by J. Melynchuk. Restaked as RM cl 1-47 (YB14647) in Aug/88 by Fairlady Energy Inc. A winter road was constructed to the showing in 1989. The RM claims were allowed to lapse in 1990. In Feb/96 Nu-Lite Industries Ltd staked Lee cl 1-10 (YB77736) to the north and Luck cl 1-10 (YB77746) to the east. KRL Resources Corp staked Watson cl 1-30 (YB78389) and Liard cl 1-28 (YB78363) contiguously to the west in Mar/96 and optioned the Lee and Luck claims from Nu-Lite. KRL carried out airborne geophysical surveying over the area later in March and ground geophysical surveying, grid soil sampling, trenching and prospecting later in the year. The company added Steph cl 1-6 (YB84651) on the east side of the claim group in Jul/96; Rapid cl 1-12 (YB89290) on the north side in May/97; Liard cl 29-34 (YB89346) and Rapid cl 29-34 (YB89346) also to the north and Watson cl 31F-32F adjacent to the occurrence in Jun/97. KRL drilled 5 holes (748 m) and carried out limited prospecting, geological mapping and soil sampling in 1997.

Capsule Geology

G.M. Dawson of the GSC noted in 1887 that argentiferous galena had been found here within small quartz and calcite veinlets cutting strongly contorted and silicified rocks. The mineralization occurs in a complex network of crosscutting and conformable veins and lenses that cut black shale and green chert of the Ordovician to Lower Devonian Road River Formation. Most are less than 3 cm across but some are as wide as a metre. Coarse-grained galena and sphalerite are erratically distributed in a few of the veins but overall grades are low. Some malachite stain is also present but no copper sulphides were seen.

KRL's work focused on an area west of the Liard River located between this occurrence and one 2.5 km to the northwest (Minfile Occurrence #105A 006). Soil sampling in 1996 returned a series of anomalous gold values (122 ppb to 1 421 ppb Au) from an area midway between the occurrences. Subsequent detailed sampling failed to reproduce the anomaly and it was determined that recent alluvial deposits flanking the river were the source of the anomaly. Drilling in 1997 intersected bedded sequences of dolomitic slates, siltstone and argillite with lesser sandstone. Minor base metal enrichment was detected in several lithologies in 3 of the 5 holes and consisted of minor sphalerite and galena mainly within veins and as recrystallized grains in the enclosing rocks.

References

GEORGE CROSS NEWSLETTER, 13 May/96; 13 Jun/96; 17 Sep/96; 20 Nov/96; 27 Feb/97; 15 May/97; 11 Jul/97.

Work History

Date	Work Type	Comment
12/31/1997	Drilling	Five holes, 748 m.
12/31/1997	Geology	
12/31/1997	Geochemistry	
12/31/1997	Other	
12/31/1996	Geochemistry	
12/31/1996	Airborne Geophysics	Also VLF-EM.
12/31/1996	Other	
12/31/1996	Trenching	
12/31/1989	Development, Surface	Winter road building.
12/31/1887	Other	Occurrence first noted by G.M. Dawson of the Geological Survey of Canada.
12/13/1996	Ground Geophysics	Also VLF-EM survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Fields Drilled
096433	2012	Geochemical and Geophysical Assessment Report on the Roam Project	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Magnetism - Ground Geophysics, Prospecting - Other		
120358	2012	Watson Frac Sand Project Evaluation Survey and Sampling Report	Resource Estimate - Studies		
093739	1996	Geophysical, Geochemical, Trenching and Prospecting Report on the Watson Property	Electromagnetic - Airborne Geophysics, Soil - Geochemistry, EM - Ground Geophysics, Prospecting - Other, Backhoe - Trenching		
062273	1987	Report on the Roman Property	Bedrock Mapping - Geology, EM - Ground Geophysics, Data Compilation - Pre-existing Data, Process/Interpret - Pre-existing Data		
091552	1984	Geophysical Report on MAN 1-24, Roman 1-16, ROM 17-20, ROM 25-44	Soil - Geochemistry, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, IP - Ground Geophysics, Magnetism - Ground Geophysics		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC007827	Heavy mineral sampling map - Watson Lake - Anmac project		Property File Collection	Geochemical Map
YEG1983	Yukon Exploration and Geology 1983	129	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report
YEG1997OV	Yukon Mining and Exploration Overview 1997	17	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report