



Occurrence Details

Occurrence Number: 105J 002
Occurrence Name: Bill
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 7:37:24 AM

General Information

Secondary Commodities: copper, lead, silver, zinc
Deposit Type(s): Vein Polymetallic Ag-Pb-Zn+/-Au
Location(s): 62°2'19" N - 130°12'14" W
NTS Mapsheet(s): 105J01
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Bill and Pelly cl (Y16633) in Oct/66 by Atlas EL & Mitsui Mg & SCL, which explored with mapping, grid soil sampling and mag and EM surveys in 1967. The property was later transferred to Atsui Mg CL.

Capsule Geology

The claims are underlain by Ordovician to Lower Devonian Road River Formation clastic rocks near the contact of a Cretaceous stock. Reconnaissance geochemical sampling returned anomalous copper, lead and zinc values. Grid soil sampling outlined four zinc anomalies in the 600 to 2300 ppm range. Lead and copper soil response was erratic. The anomalous geochemistry is due to small mineralized veins associated with two northeast-trending faults. Only two significant showings were found. The first is a replacement in dolomite that assayed 3% combined lead-zinc. The second is a limestone breccia that assayed 3.6% combined lead-zinc. The second zone occurs at the end of a strong zinc soil anomaly that could indicate extension along strike. Both of the showings have low copper and silver values.

References

ATLAS EXPLORATION LTD, 1966. Annual Report, p. 6.
ATLAS EXPLORATION LTD, Oct/67. Assessment Report #018919 by J.S. Brock.
ATLAS EXPLORATION LTD, Oct/67. Assessment Report #018920 by C.L. Smith.
ATLAS EXPLORATION COMPANY LTD, 1967. Assessment Report *#018921 by C.L. Smith.
ATLAS EXPLORATION COMPANY LTD, 1967. Assessment Report *#019800 by J.S. Brock.
ATLAS EXPLORATION COMPANY LTD, 1967. Assessment Report *#019800 by C.L. Smith.
ATLAS EXPLORATION COMPANY LTD, 1967. Assessment Report *#019801 by C.L. Smith.
GEOLOGICAL SURVEY OF CANADA, Paper 68-68, p. 81.

Work History

Date	Work Type	Comment
12/31/1967	Geology	
12/31/1967	Geochemistry	
12/31/1967	Ground Geophysics	Also magnetic survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
019801	1967	Geological Report Bill-Pelly Mineral Claim Group Pelly Lakes Area	Rock - Geochemistry, Detailed Bedrock Mapping - Geology		
019800	1967	Geochemical Soil Sample Survey on Bill-Pelly Mineral Claim Group	Soil - Geochemistry, Line Cutting - Other		
019799	1967	Geophysical Magnetic and Electromagnetic Surveys Bill-Pelly Mineral Claim Group	EM - Ground Geophysics, Magnetics - Ground Geophysics		
018921	1967	Geological Report Bill-Pelly Mineral Claim Group Pelly Lakes Area	Detailed Bedrock Mapping - Geology		
018920	1967	Geochemical Soil Sample Survey on Bill-Pelly Mineral Claim Group	Soil - Geochemistry		

018919	1967	Geophysical Magnetic and Electromagnetic Surveys Bill-Pelly Mineral Claim Group	EM - Ground Geophysics, Magnetics - Ground Geophysics		
019792	1967	A Summary of Exploration to September 30, 1967: Sheldon Area, Fire Lake	Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Winter Road - Development, Surface, Soil - Geochemistry, Regional Bedrock Mapping - Geology, EM - Ground Geophysics, Magnetics - Ground Geophysics, Mechanical - Trenching		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC007552	Map - Pike Lake copper district		Property File Collection	Geoscience Map (General)
ARMC016667	Geologic, geochemical showings, assay and claim group map of sheet 105J/1 - Pelly Lakes		Property File Collection	Geoscience Map (General)
ARMC013806	Report on geology of Sheldon region between Pelly Lakes and McEvoy Lake		Property File Collection	Report
ARMC013804	Report on Sheldon region claim groups (excluding Pay group)		Property File Collection	Report
ARMC013811	Sheldon project report - Exploration manager's copy		Property File Collection	Report
ARMC016666	Geochemical results map - 105J/1 - Pelly Lakes		Property File Collection	Geochemical Map
ARMC016665	Geochemical sample stations map - 105J/1 - Pelly Lakes		Property File Collection	Geochemical Map
ARMC018613	Field notes - Bill property		Property File Collection	Miscellaneous Company Documents
ARMC018616	Field notes - Pelly project - Books 1 and 2		Property File Collection	Miscellaneous Company Documents
ARMC018625	Field notes - Pelly project - Books 1 and 2 - PY6H 1 to 1391		Property File Collection	Miscellaneous Company Documents
ARMC018626	Field notes - Pelly property		Property File Collection	Miscellaneous Company Documents
ARMC020555	Field notebook - Mt. Hundere - Too group - Pelly Lakes		Property File Collection	Miscellaneous Company Documents
BROCK000050	Regional geology map - 105-G-16 - Fortin Lake and Pelly Lakes area		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000059	Regional geology maps with hand-coloured markings - Ross River, Sheldon, and McEvoy Lake areas		Property File Collection	Geoscience Map (Geological - Bedrock)
BROCK000017	Geology map with handwritten notes and markings - Pelly Lakes South area		Property File Collection	Geoscience Map (Geological - Bedrock)