



Occurrence Details

Occurrence Number: 105O 022
Occurrence Name: Tryala
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 9:45:24 PM

General Information

Secondary Commodities: barite, barium, copper, lead, silver, zinc
Deposit Type(s): Sediment hosted Stratiform Barite
Location(s): 63°17'2" N - 130°41'13" W
NTS Mapsheet(s): 105O07
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Lorraine cl 1-6 (Y97229) in Feb/75, Fat cl 1 (Y98236) and City cl 1 (Y98237) in Jul/75 by Baroid of Canada Ltd, which carried out geological mapping and geochemical sampling in 1975 and 1976 and added Kam cl 3-6 (YA6471) in Aug/76. Cominco Ltd staked Hess cl 1-8 (YA6595) in Sep/76 and Hess cl 9-24 (YA14783) in Dec/76 to the north and south, carried out geological mapping and geochemical sampling in 1977 and staked Hess cl 25-48 (YA15339) to the east and west in Jul/77. Cominco carried out additional geological mapping and geochemical sampling in 1978, hand trenching in 1981 and drilled one hole (105.5 m) in 1983 on claim Hess 61. The Kam claims were restaked as Gevi cl 1-4 (YA77736) in Jul/85 by Baroid of Canada Ltd and as Cathy cl 1-16 (YB03918) in Mar/91 by R. Stack. In Jun/91, Phelps Dodge Corporation of Canada Ltd staked Sel cl 1-21 (YB03980) and Sel cl 22-81 (YB18001) contiguously across the northern boundary of the remaining Hess claims. Restaked as Walt cl 35-77 (YC00207) in Nov/97 by NDU Resources Ltd, which staked Walt cl 1-34 (YC00173) to the east at the same time to surround J. Coyne's Cathy claims (Minfile Occurrence #105O 021). In Mar/98, NDU merged with United Keno Hill Mines Ltd. Expatriate Resources Ltd carried out geological mapping, grid soil geochemical sampling and hand trenching of the claims later that year under an option agreement with NDU which transferred to United Keno Hill. In Sep/98 Expatriate staked Walt cl 78-81 (YC01581) contiguously to the north and in Oct/98 the company purchased a 100% interest in the claims from United Keno Hill.

Capsule Geology

Bedded barite, witherite and calcite zones up to 100 m thick occur discontinuously within faulted slices of Devonian and Mississippian Earn Group shale over a strike length of 6 km. The Earn Group has been thrust over Ordovician to Silurian Road River Formation sediments. The sedimentary rocks are cut by dykes of basalt and porphyritic rhyolite 5-20 m thick. Cominco outlined several soil anomalies and found minor pyrite, sphalerite, galena mineralization associated with two of the barite occurrences. The best sample returned 3.0% Pb, 2.2% Zn, 83 ppm Ag and less than 0.1% Cu. The 1983 drillhole intersected three zones of barite and witherite with traces of lead and zinc, interbedded with cherty mudstone. Expatriate's sampling and trenching in 1998 defined four main areas of highly anomalous zinc occurring over 8 km of strike length across the property, all within the Portrait Lake Formation of the Early to Middle Devonian Lower Earn Group. Two of these areas are proximally related to this occurrence: Area 1 is located 2 km west of location marker 022B and Area 2 is centered around location marker 022C. The other two areas occur further to the east and are part of Minfile Occurrence #105O 021. All of the areas are found within the Portrait Lake Formation of the Early to Middle Devonian Lower Earn Group. Soil sampling returned peak geochemical values of 2.33% Zn, >10 000 ppm Ba, 962 ppm As, 2 240 ppm Pb and 587 ppm Cu. Chip sampling of the trenches returned peak values of 11.4% Zn, >10 000 ppm Ba and 4 130 ppm Ni. The high Zn and Ni values were returned from weathered barium carbonate rich rock and are attributed to smithsonite, as no obvious sulfide mineralization was detected during trenching.

References

BAROID OF CANADA LTD, Feb/76. Assessment Report #090072 by L.M. Tyralla, D.B. Simon and W.B. Sasser.
BAROID OF CANADA LTD, Jun/77. Assessment Report #090206 by D.B. Simon and B. Johnson.
COMINCO LTD, Sep/77. Assessment Report #090243 by R.J. Sharp.
COMINCO LTD, Oct/78. Assessment Report #090380 by G. Della Valle.
COMINCO LTD, Sep/81. Assessment Report #090922 by R.W. Lane.
COMINCO LTD, Oct/83. Assessment Report #091490 by M.R. Murrell.
EXPATRIATE RESOURCES LTD, May/99. Assessment Report #094017 by R.F. Gish.
MINERAL INDUSTRY REPORT, 1975, p. 29-30; 1976, p. 117; 1977, p. 35; 1978, p. 10.
YUKON EXPLORATION AND GEOLOGY, 1981, p. 174; 1983, p. 216-217.

Work History

Date	Work Type	Comment
12/31/1998	Geology	
12/31/1998	Trenching	

12/31/1998	Other	
12/31/1983	Drilling	Number of holes drilled: 1 Amount of work done: 105.5 METRES
12/31/1981	Trenching	
12/31/1978	Geology	
12/31/1978	Geochemistry	
12/31/1976	Geology	
12/31/1976	Geochemistry	
12/31/1976	Geochemistry	
12/31/1975	Geology	
12/31/1975	Other	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096293	2012	2012 Geological, Geochemical and Trenching Report on the Oro Property	Rock - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other, Backhoe - Trenching		
096198	2011	Geological and Geochemical Assessment Report for the Carlin Gold Corporation-Constantine Metal Resources Ltd. Joint-Venture (CCJV) Project on the MC Property Group HM02907	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
094017	1999	Assessment Report Describing Geological Mapping, Soil Sampling and Hand Trenching on the Walt Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Hand - Trenching		
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
090380	1978	Geological and Geochemical Assessment Report on the Hess 51 to 56, 61 to 64, 73 to 86 Claims	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
090206	1977	A Geologic and Geochemical Evaluation of the Cathy 1-5, 7-10, Lorraine 1-6, Chas 1-5, Kam 1-6, Fat and City Claims	Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019809	1968	Hess Area Project Proposed Property Follow-Up 1968 Field Season	Research/Summarize - Pre-existing Data		
019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
018947	1967	Hess River Project Report	Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
019032	1967	Hess River Project Report	Data Compilation - Pre-existing Data		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC016467	Geology map - Hess project - Figure No. 21 - 1050/7		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC015545	Geochemical results and claim group map of sheet 105-O-7 with geological notations		Property File Collection	Geochemical Map
ARMC015546	Geochemical results and claim group map of sheet 105-O-7 with sample locations marked		Property File Collection	Geochemical Map
BROCK000083	Geochemical results and claim group map of sheet 105-O-7 - Fig. 12		Property File Collection	Geochemical Map
BROCK000092	Geochemical results and claim group map of sheet 105-O-7 - Fig. 21		Property File Collection	Geochemical Map