



Occurrence Details

Occurrence Number: 105O 027
Occurrence Name: Gary
Occurrence Type: Hard-rock
Status: Deposit
Date printed: 4/29/2025 2:15:58 AM

General Information

Primary Commodities: barite
Aliases: Gargantua
Deposit Type(s): Sediment hosted Stratiform Barite
Location(s): 63°6'5" N - -130°11'37" W
NTS Mapsheet(s): 105O01
Location Comments: .5 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as Gary cl 1-38 (Y84402) in Aug/74 by Ogilvie Joint Venture (C.L. Smith, Brinco Ltd, Mitsubishi Metal Corporation Ltd and Ventures West Capital Ltd), which carried out geochemical sampling in 1974 and geological mapping, grid geochemical soil sampling and gravity surveying in 1975.
In 1977 the joint venture carried out geological mapping, geochemical soil sampling and Maxmin EM surveying, before the Smith and Ventures West interests were assigned to Ogilvie Mineral Corporation Ltd and part of the Brinco interest was assigned to A.M. and S. Canada Ltd (Conzinc Riotinto of Australia).

Capsule Geology

Bedded barite is exposed in two showings (Gargantua and South Gargantua) that range from 3 to 18 m in thickness. The barite is light grey, finely interlaminated with argillite at the base of the Devonian to Mississippian Earn Group, and contains no visible sulphides. The estimated exposed reserves are 2 721 554 million tonnes of barite that is 70 to 80% pure, with 20 to 30% Fe₂O₃ and SiO₂.

References

MINERAL INDUSTRY REPORT 1976, p. 115-116.
OGILVIE JOINT VENTURE, Oct/75. Assessment Report #090013 by C.L. Smith.
OGILVIE JOINT VENTURE, Oct/75. Assessment Report #090014 by C.L. Smith.
OGILVIE JOINT VENTURE, Oct/75. Assessment Report #090016 by C.L. Smith.
OGILVIE JOINT VENTURE, Jul/76. Assessment Report #090114 by C.L. Smith.
OGILVIE JOINT VENTURE, May/77. Assessment Report *#092865 by anonymous.
OGILVIE JOINT VENTURE, Dec/77. Assessment Report #061656 by J.E. Betz.
OGILVIE JOINT VENTURE, Dec/77. Assessment Report #061657 by J.E. Betz.
OGILVIE JOINT VENTURE, Dec/77. Assessment Report #061658 by J.D. Rowe.
OGILVIE JOINT VENTURE, 1977. Assessment Report *#090253 by O.S. Hairsine and J.D. Rowe.
YUKON EXPLORATION AND GEOLOGY 1983, p. 22.

Work History

Date	Work Type	Comment
12/31/1977	Geology	
12/31/1977	Geochemistry	
12/31/1977	Ground Geophysics	Max-Min survey.
12/31/1975	Ground Geophysics	
12/31/1975	Geology	
12/31/1975	Geochemistry	
12/31/1974	Geochemistry	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
093827	1997	1997 Geological Assessment Report on Emerald Lake Claims	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
092865	1977	[Report on the Gary Property]	Orthophoto - Airphotography		
061658	1977	Geological and Geochemical Report on the Gary Claims Group - North Grid	Soil - Geochemistry, Detailed Bedrock Mapping - Geology		
090154	1976	Geological Report on the Jason Claims	Regional Bedrock Mapping - Geology		
060458	1971	Compilation Geology Map, Macmillan Pass Area, 105Q01	Data Compilation - Pre-existing Data		
019035	1968	1968 Progress Report and Proposed Program 1969 Itsi Project	Silt - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC018185	Field sheet map 1050/1 with geological notations		Property File Collection	Geoscience Map (General)

Resource/Reserve

Year	Zone	Type	Commodity	Grade	Tonnage	Amount	Reported Amount	43-101 Compliant	Cut-off
1976	GARY (OPEN PIT)	Historical Estimate	barite	70 %	2,721,554		No	No	Unknown

Tonnage is reported in Mineral Industry Report 1976, p. 116. Rowe (Assessment Report #061658) reports that the barite is 70- 80% pure, with 20-30% Fe2O3 and SiO2. Grade = minimum purity. Resource appears to be educated guess.