



Occurrence Details

Occurrence Number: 105K 070
Occurrence Name: Mary
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/6/2025 1:46:00 AM

General Information

Deposit Type(s): Unknown
Location(s): 62°29'40" N - -133°55'36" W
NTS Mapsheet(s): 105K05
Location Comments: 1 Kilometres
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked as 300 Mary and Argo cl (Y39) in Feb/66 by SUP Vangorda Syndicate (PCE Exploration Ltd, Canadian Superior Exploration Ltd and United States S & R Ltd), which carried out airborne magnetometer surveying, geological mapping and grid soil sampling later in the year.
Partially restaked as Mark cl 1-77 (Y53864) in Jul/70 by Anvil Syndicate (Canadian Reserve Oil and Gas Ltd, Aquitaine Company of Canada Ltd, Canadian Southern Petroleum Ltd, Occidental Minerals Ltd and Husky Oil Ltd), which carried out geological mapping, geochemical, magnetometer and gravity surveying in 1970-72; as CL cl 1-22 (Y79771) on the east side in Jul/74 by Vestor Exploration Ltd; and as Tay cl 1-48 (YA18190) in Jul/77 by Anvil-Fishook Joint Venture (Amax Potash Ltd, Aquitaine and Union Oil), which carried out geological mapping and geochemical surveying in 1977, Maxmin, gravity, magnetometer, EM and grid geochemical surveying in 1978 and 1979, and drilled 1 hole (137.9 m) in 1980.

Capsule Geology

The claims are underlain by a gently northeast-dipping sequence of Lower Cambrian two-mica quartz schist and calc-silicate horizons overlain by calcareous chlorite phyllite. These rocks are assigned to the Mount Mye formation.
The SUP Vangorda Syndicate found two weak geochemical anomalies but no mineralization. Gravity anomalies outlined by Anvil Syndicate were accompanied by background geochemical readings and were attributed to topographic highs.
The 1978 surveys outlined several EM anomalies and 6 gravity anomalies. The drillhole, which tested an EM anomaly, intersected a graphitic limestone layer in phyllite.

References

AMAX POTASH LTD, Dec/78. Assessment Report #090404 by A.C. Hitchens and R.G. Kidlark.
AMAX MINERALS EXPLORATION LTD, 1978. Assessment Report *#090393 by C.A. Agar.
MINERAL INDUSTRY REPORT 1971-72, p. 98-99; 1978, p. 44.
PIGAGE, L.C., 1999. Geological map of Rose Mountain (105K05 NW), central Yukon (1:25 000 scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-11.
SUP VANGORDA SYNDICATE, Nov/66. Assessment Report #017525 by R.E. Hindson.
UNION OIL COMPANY OF CANADA LTD, Oct/79. Assessment Report *#090506 by A.J. Wynne and J.P. Hawkins.
YUKON EXPLORATION AND GEOLOGY 1981, p. 155-156.
YUKON GEOLOGY AND EXPLORATION 1979-80, p. 198.

Work History

Date	Work Type	Comment
12/31/1980	Drilling	One hole, 137.9 m.
12/31/1979	Geochemistry	
12/31/1979	Ground Geophysics	Also magnetic and gravity surveys.
12/31/1978	Geochemistry	
12/31/1978	Ground Geophysics	Also magnetic and gravity surveys.
12/31/1977	Geology	
12/31/1977	Geochemistry	
12/31/1972	Geology	
12/31/1972	Geochemistry	

12/31/1971	Geology	
12/31/1971	Geochemistry	
12/31/1971	Ground Geophysics	
12/31/1970	Geology	
12/31/1970	Geochemistry	
12/31/1970	Ground Geophysics	Also gravity survey.
12/31/1966	Geology	
12/31/1966	Geochemistry	
12/31/1966	Airborne Geophysics	

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
090506	1979	1979 Geophysical Report on Am, Bm, and Tay Claims	EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics		
061790	1978	Orthophotos for the Lu, Tay, AM, EM, PM group of claims	Orthophoto - Airphotography		
090403	1978	1978 Geophysical Assessment Report Electromagnetic and Magnetic Surveys	EM - Ground Geophysics, Magnetics - Ground Geophysics		
090393	1978	Gravity Survey Tay #1 & Tay #2 Claims Area	Gravity Survey - Ground Geophysics		
090404	1978	1978 Geological and Geochemical Assessment Report - Tay Mountain Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		
019824	1971	Exploration Report Hoho-Bram and Lorna, Roto, Gran, Jean, Aro Mineral Claim Groups Tintina-Anvil Project 1971	Rotary - Drilling, Historical Drill Core - Geochemistry, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Petrographic - Lab Work/Physical Studies, Prospecting - Other, Data Compilation - Pre-existing Data		
060974	1971	Geologic, Geophysical and Diamond Drilling Report on the Roto-Gran-Lorna-Jean-Aro Claims	Diamond - Drilling, Silt - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Process/Interpret - Pre-existing Data	1	175.60
060963	1970	Gravity Survey of the Mark Claims Group, Yukon Territory for Canadian Reserve Oil & Gas Ltd.	Gravity Survey - Ground Geophysics		
092062	1966	Geological Map of Faro area	Regional Bedrock Mapping - Geology		
017525	1966	Geological and Geochemical, and Magnetometer Surveys - Mary and Argo Claim Group	Magnetic - Airborne Geophysics, Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping - Geology		

Related References

Number	Title	Page(s)	Reference Type	Document Type
ARMC020542	Field notebook - Area of Air Photo A12282:54 and A12231-285? - Colin Godwin		Property File Collection	Miscellaneous Company Documents