

Occurrence Details

Occurrence Number: 105F 011 Occurrence Name: Stormy Occurrence Type: Hard-rock

Status: Deposit

Date printed: 4/28/2025 4:39:01 PM

General Information

Primary Commodities: molybdenum, tungsten

Deposit Type(s): Skarn W

Location(s): 61°29'50" N - -132°48'10" W

NTS Mapsheet(s): 105F07 Location Comments: .5 Kilometres Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Discovered and staked by A. Racicot for Conwest Exploration Company Ltd in Aug/55 as Ann cl (70930), which were allowed to lapse after a preliminary evaluation. Racicot restaked the showing in Aug/56 as Stormy cl (72666) and optioned these to a new company, Canol Metal Mines Ltd, which completed 320 m of drifting and 1,055 m of underground drilling (36 holes) during 1959. Fringe claims were acquired at this time by Stormy Mountain Mines Ltd, Little Hatchet Minerals Ltd, Chesterville Mines Ltd and Yale Lead & Zinc Mines Ltd.

The property was idle until May/66 when Racicot added Arlene cl (Y7926) and optioned it to Jason Explorers Ltd, which bulldozer trenched in 1968 and transferred the claims to a subsidiary, Napoli Exploration Ltd.

Restaked as PM cl (Y93766) in Sep/75 by P.S. White and M. Sherman, who sampled and added more PM cl (YA974) in Sep/76, and explored with mapping, geochemical and radiometric surveys in 1977.

The claims were sold to Rio Alto Exploration Ltd in Mar/79 and optioned to E & B Exploration Ltd, which tied on the MP cl (YA36053) in Mar/79, rehabilitated and bulk sampled the underground workings in 1979-80 and explored with geochem and geophysical surveys and 690 m (8 holes) of underground drilling in 1980. The MP claims were transferred in Nov/88 to M. Sherman who did mapping in 1989.

The deposit was restaked as Orb cl 1-4 (YB56495) by G. Macdonald in Oct/94. B. Macdonald restaked the deposit as Orb cl 1-24 (YB60279) in Aug/95. Later in the same month G. Macdonald staked C cl 1-4 (YB60280) 2 km to the west and ST cl 1-12 (YB60295) 3 km to the southeast. The Orb claims were transferred to Sunstate Resources Ltd who performed prospecting, soil sampling, mapping, trenching and road building in 1995 and 1996. The property was optioned to SRR Mercantile Inc. who did more soil sampling in 1997. Restaked as A cl 1-4 (YB92564) in Dec/99 by D. Moreau.

Capsule Geology

Molybdenite occurs with lesser amounts of scheelite in an elongated, wedge-shaped zone 2 to 2.4 m thick and up to 107 m long within a garnet-diopside-pyrrhotite skarn zone 3 to 6 m thick. The deposit formed in Lower Cambrian limestone, in a shallow-dipping contact aureole above the Rose Lake Stock. In 1959, W.E. Field estimated a probable reserve of 13,390 tonnes grading 0.73% Mo, or 15 268 tonnes grading 1.05% WO3 in two partly coincident zones.

The 1967-68 bulldozer work explored the contact for a length of 914 m and located at least three additional small occurrences of molybdenite. The 1980 geochem sampling located 10 small new scheelite and molybdenite occurrences, which were tested with 5 holes. The best intersection returned 0.35% WO3 and 0.005% MoS2. The other 3 holes tested the main occurrence and confirmed the reserve assays.

Work History

Date	Work Type	Comment
12/31/1997	Geology	
12/31/1997	Geochemistry	
12/31/1996	Geochemistry	
12/31/1996	Other	
12/31/1995	Geochemistry	
12/31/1995	Other	
12/31/1989	Geology	
12/31/1980	Drilling	Eight holes, 690 m.
12/31/1980	Geology	
12/31/1980	Development, Underground	
12/31/1980	Ground Geophysics	Also radiometric survey.
12/31/1980	Other	
12/31/1979	Geology	

12/31/1979	Development, Underground	Also collected bulk sample.
12/31/1977	Ground Geophysics	
12/31/1977	Geology	
12/31/1977	Geochemistry	
12/31/1977	Other	
12/31/1976	Geology	
12/31/1976	Geochemistry	
12/31/1976	Ground Geophysics	
12/31/1968	Geology	
12/31/1968	Geochemistry	Also rock sampling. Also lamped some samples.
12/31/1968	Ground Geophysics	Various areas checked.
12/31/1968	Trenching	
12/31/1959	Drilling	Underground drilling, 36 holes, 1,054.61 m.
12/31/1959	Development, Underground	Completed 320.04 m of drifting.
12/13/1980	Geochemistry	Also rock and silt sampling.
12/13/1968	Development, Surface	
12/13/1967	Trenching	

Assessment Reports that overlap occurrence

Report Number	Year	r Title Worktypes		Holes Drilled	Meters Drilled
093692	1997	Geochemical Assessment Report on the ORB 1-24 Claims	Soil - Geochemistry		
093663	1996	Geochemical Assessment Report on the ORB 1-24 Claims	Soil - Geochemistry		
092824	1990	A Preliminary Evaluation Report on the PM 1-4 & MP 19, 20, 33, 34 Quartz Claims	Historical Drill Core - Geochemistry, Rock - Geochemistry, Bedrock Mapping - Geology, Cursory Property Visit - Other		
<u>090791</u>	1980	Report of 1980 Exploration for the Stormy Mountain Prospect, Upper Sheep Creek Area	Diamond - Drilling, Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Radiometric Survey - Ground Geophysics	8	690
090597	1979	Report of 1979 Exploration Program of Stormy Mountain Mineral Prospect, Upper Sheep Creek Area	Soil - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching		
060693	1967	Report on Season's Exploration Work	Hand - Trenching, Mechanical - Trenching		
060695	1967	Preliminary Report: Stormy Mountain Molybdenum Property	Diamond - Drilling, Soil - Geochemistry, Backhoe - Trenching	24	1036.32
<u>060694</u>	1967	Report on Season's Exploration Work: Stormy Mountain Molybdenum Property	Backhoe - Trenching, Mechanical - Trenching		
060692	1959	Report oon Underground Exploration	Magnetic - Development, Underground		

Rela	Related References				
Number	Title	Page(s)	Reference Type		
ARMC00	Topographic man - Showing goodhomical cample regults		Draparty File Collection		

ARMC00 8118	Topographic map - Showing geochemical sample results		Property File Collection	Geoscience Map (General)
ARMC01 4387	Letters Re: Property submission - Canol Metal Mines - Quiet Lake area - Including geological report of Canol Metal Mines Ltd. by E. Stary, 1959		Property File Collection	Miscellaneous Company Documents
YEG1979 80	Yukon Geology and Exploration 1979-80	173	Indian & Northern Affairs Canada/Department of Indian & Northern Development: Exploration & Geological Services Division	Annual Report

Document Type

Resource/Reserve

Year	Zone	Туре	Commodity	Grade	Tonnage	Amount	Reported Amount	43-101 Compliant	Cut-off
1959	STORMY - MOLYBDENUM RESERVES (UNDERGROUND)	Historical Estimate	molybdenum	.73 %	13,390		No	No	Unknown
Appears to be a rough calculation using 6 drill hole intersections and observations from underground exploration. For information purposes only!; Assessment Report #060692 by W.E. Field.									
1959	STORMY - TUNGSTEN RESERVES (UNDERGROUND)	Historical Estimate	tungsten	1.05 %	15,268		No	No	Unknown
Appears to be a rough calculation using 13 drill hole intersections and observations from underground exploration. For information purposes only I; Assessment Report #060692 by W.E. Field.									

Drill core at YGS core library							
Number	Property	Year Drilled	Core Size	Photos	Data		
<u>ST-80-1</u>	Stormy Mountain	1980	NQ	6	1		
<u>ST-80-2</u>	Stormy Mountain	1980	NQ	4	1		
<u>ST-80-3</u>	Stormy Mountain	1980	NQ	4	1		
<u>ST-80-4</u>	Stormy Mountain	1980	NQ	6	1		
<u>ST-80-5</u>	Stormy Mountain	1980	NQ	4	1		
<u>Unknown</u>	Stormy Mountain	1959	BQ	2	0		