



Occurrence Details

Occurrence Number: 105N 033

Occurrence Name: B2-Mac

Occurrence Type: Hard-rock

Status: Showing

Date printed: 8/6/2025 8:02:32 AM

General Information

Secondary Commodities: copper, gold, lead

Aliases: Macmillan Property

Deposit Type(s): Unknown

Location(s): 63°10'39.95" N - -133°50'8.13" W

NTS Mapsheet(s): 105N04

Location Comments: Best rock sample. Occurrence created due to distance from existing occurrence.

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as Mac cl 1 – 294 (YE13701) by the B2 Syndicate which immediately optioned the claims to AccelRate Power Systems Inc for cash, shares and certain work commitments. Two directors and an officer of AccelRate Power are members of the syndicate.

On June 17, 2011 AccelRate Power Systems Inc implemented a Change of Business plan in which the company changed its name to Goldstrike Resources Ltd and became a Mining Issuer on the Toronto Stock Exchange's Venture Exchange.

In Jul/2011 Goldstrike Resources carried out prospecting and reconnaissance scale rock, soil and silt sampling programs over the claim block.

The claims were allowed to lapse in Mar/2014.

GEOLOGY

The occurrence area is located approximately 10 km east of Moose Lake and approximately halfway between the Hess and Macmillan Rivers in east-central Yukon. Access in 2011 involved flying by float plane to a temporary camp established near Moose Lake and then commuting by helicopter to the claim group.

The Mac claims are principally underlain by Upper Proterozoic to Lower Cambrian Hyland Group phyllite/shale/sandstone/grit/conglomerate and limestone assigned to the Yusezyu Formation. Lenses of limestone outcrop on the eastern side of the claim block.

The Mac claims were staked to follow up regionally anomalous gold silt anomalies reported in a Geological Survey of Canada reconnaissance-scale stream sediment and water sampling survey originally published in 1991. Some silt samples were re-analyzed in 2009 using Inductively Coupled Plasma Mass Spectrometry (ICP-MS). The reanalysis was funded by the Yukon Geological Survey. Coincident thallium, mercury, antimony and arsenic values in some of the samples suggested a Carlin-like metal signature in the rocks.

Goldstrike Resources collected 573 soil, 78 rock and 5 silt samples across the claim block. Soil sampling returned moderately elevated gold values that cluster on higher elevations. The best soil sample returned 39.9 ppb gold. Prospecting located a thrust fault trending 320 degrees that hosts quartz breccia and stockwork structures containing minor galena, chalcopyrite and sphalerite. Sampling (type not reported) returned up to 32 ppb gold, 121.1 ppm lead and 8.1 ppm copper. The occurrence location marks the approximate location of the thrust fault.

Follow-up work was recommended, but Goldstrike Resources decided to focus their exploration efforts on several other properties (Plateau etc.) where they obtained better results.

Work History

Date	Work Type	Comment
12/13/2011	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Geochemistry	
12/13/2011	Other	Prospected property.
12/13/2009	Geochemistry	Some 1991 samples tested using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) method.
12/13/1991	Geochemistry	Geological Survey of Canada stream sediment survey. Also tested water.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096257	2011	Rock and Soil Geochemical Surveys for Goldstrike Resources Ltd.	Rock - Geochemistry, Soil - Geochemistry		
			Silt - Geochemistry, Soil - Geochemistry, Regional Bedrock Mapping -		

019033	1968	Atlas Explorations Limited Project Report 1968 Hess River Area	Soil - 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
GM2003-1	Bedrock geology of Lansing Range map area (NTS 105N), central Yukon		Yukon Geological Survey	Geoscience Map (Geological - Bedrock)
2009-27	Regional Stream Sediment and Water Geochemical Data, Lansing Range area, east central Yukon (NTS 105N)		Yukon Geological Survey	Open File (Geochemical)
ARMC020099	Project summary and business proposal - MacMillan joint venture/Clear Lake project		Property File Collection	Report
ARMC020104	Press release - Conwest Exploration Company Limited, Chimo Gold Mines Limited, Consolidated Canadian Faraday Limited, International Mogul Mines Limited - Macmillan joint venture		Property File Collection	News Release
ARMC020105	Diamond drill hole results - Sketched drill hole location plan map - MacMillan joint venture		Property File Collection	Assays