Occurrence Details

Occurrence Number: 105N 021
Occurrence Name: Russell
Occurrence Type: Hard-rock
Status: Anomaly
Date printed: 12/16/2025 7:46:46 AM

General Information

Secondary Commodities: antimony, arsenic, gold
Deposit Type(s): Unknown
Location(s): 63°7'12.04" N - -133°18'28.71" W
NTS Mapsheet(s): 105N03
Location Comments: Location marks site of highest grading rock sample(composite) collected within soil anomaly.
Hand Samples Available: No
Last Reviewed:

Capsule

WORK HISTORY

Staked as Leah 1-20 (YD01159) in Nov/2010 by Strategic Metals Ltd. On March 2, 2011 the company optioned the claims to New Dimension Resources Ltd in return for cash, shares and certain work commitments.

In late March/2011 the B2 Syndicate surrounded the Leah claims with PL cl 1-351 (YD76801). The company named the claim block the Russell (some reports refer to it as Russel) property. Shortly thereafter the B2 Syndicate optioned the claims to AccelRate Power Systems Inc in return 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 July/2011 Goldstrike Resources staked Russel (one "l") cl 1-4 (YD155897) approximately 8.5 km to the northeast.

During the 2011 field season Goldstrike Resources prospected and carried out regional rock and soil sampling over the central portion of the PL claims. The company also prospected and rock and soil sampled areas located northeast of the PL claims including the Russel claims and traverse routes located between the Russel and PL claims.

In mid-June and late July New Dimension Resources prospected and collected rock, silt and contour soil samples across the Leah claims.

Goldstrike Resources Ltd terminated its option on the Russel and PL claims at the end of 2012. New Dimension Resources Ltd terminated its option on the Leah claims effective January 20, 2015.

GEOLOGY

The area is located approximately 9 km south of Mount Armstrong and lies east of Russell Creek and north of North Russell Creek in east-central Yukon. Access is by helicopter.

The occurrence area lies within northern Selwyn Basin, a predominately off-shelf metasedimentary and metavolcanic sequence that formed on the western margin of the North American craton from Upper Proterozoic to Lower Paleozoic times. C. Roots a geologist employed by the Geological Survey of Canada and seconded to the Yukon Geological Survey remapped the Lansing map sheet (105N,) during the mid to late 1990's. In 2003 Roots released the completed 1:250 000 scale map.

The area is underlain by Upper Proterozoic, Hyland Group rocks which consist mainly of coarse turbidite clastics (unit 1), limestone (unit 2), fine clastics typified by maroon and green shale (unit 3) younger rocks (unit 4) and scattered mafic volcanic rocks (unit 5). Although Roots broke the Hyland Group rocks down by individual formations and members most industry geologists have mapped the area using individual rock types and/or one of the five units. Approximately 2.5 km northeast of the occurrence location Roots and other geologists have mapped a small area underlain by Devonian to Mississippian Earn Group rocks and approximately 2.5 km to the north-north east lies a small mid-Cretaceous granitic plug assigned to the Mayo Suite (see Hart et.al., 2004). Approximately 10 kms to the north lays a large granitic pluton, Mount Armstrong (Mayo Suite) which intrudes the sequence.

Both the Leah and the Pl claims were staked to follow up regionally anomalous gold, arsenic and antimony 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.

The Leah claims are underlain by Hyland Group quartzose clastic rocks (PCH4) in the northeast half of the claim block and conformable maroon and apple-green slate (PCH3) in the southwest half. Soil sampling completed by Dimension Resources Ltd outlined a 500m long by 200 m wide arsenic (50 to 354 ppm) +/- gold (10 to 33 ppb) soil anomaly in the southwest part of the claim block. The company collected 11 rock samples within the soil anomaly. All of the samples were largely comprised of orange weathering, variable silicified, weakly pyritiferous and/or limonitic shale, quartzite and sandstone; brown to black limonite with brecciated, tabular quartz vein fragments; and massive quartz veins. A composite rock sample collected within a 50 by 50 m kill zone located at the eastern end of the soil anomaly returned an assay of 1.38 g/t gold, 1 620 ppm arsenic and 58.6 ppm antimony. The sample was comprised of three cobbles of brown-purple weathering, orange-purple limonite containing tabular quartz fragments.

The site of the composite sample marks the occurrence location.

Goldstrike Resources explored the larger PL claim block. The company collected 125 rock samples and 410 soil samples, with the reconnaissance scale program covering the majority of the claim block. The best soil sample returned 189.4 ppb gold while the best rock sample returned 254 ppb gold. The company felt that although the data was of good quality the results were not sufficiently strong enough to warrant further exploration work. In addition exceptional results obtained at the company's Plateau property located to the north on topographic map sheet 105N 06, led the company to focus their time and money on that project.

Work History

Date	Work Type	Comment
12/13/2011	Geochemistry	Conducted on both properties
12/13/2011	Geochemistry	Conducted on both properties.
12/13/2011	Geochemistry	Only on Leah claims.
12/13/2011	Other	Conducted on both properties.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
095734	2011	Assessment Report Describing Stream Sediment, Soil and Rock Geochemical Sampling at the Leah Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry		
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
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)
ARMC016481	Aeromagnetic series map of 105N/5 with notations		Property File Collection	Geophysical Map
ARMC016479	Geological overlay map - 105N/5		Property File Collection	Geoscience Map (Geological - Bedrock)
ARMC016480	Geochemical overlay map - 105N/5		Property File Collection	Geochemical Map