Occurrence Details

Occurrence Number: 106C 061
Occurrence Name: Dale
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/15/2025 10:20:21 PM

General Information

Secondary Commodities: arsenic, gold, mercury, thallium
Aliases: N8
Deposit Type(s): Carbonate-Hosted Disseminated Au-Ag (Carlin-type)
Location(s): 64°8'35.49" N - -132°33'7.78" W
NTS Mapsheet(s): 106C02
Location Comments: Coordinates supplied by ATAC 2019
Hand Samples Available: No
Last Reviewed:

Capsule

WORK HISTORY

ATAC Resources staked Sten cl 1-20 (YC99501) 4 km to the southeast in Jul/2009 and Sten cl 21-38 (YC99523) 5 km to the southeast.

Staked as Dale 1- 12 (YD08533) in Nov/2009 by ATAC Resources following a regional silt sampling program carried out earlier in the summer. The company also staked Sten cl 39-54 (YD08485) 4 km to the southeast and Sten cl 55-142 (YD10405) to the east, south and west in Nov/2009.

In Mar/2010 ATAC Resources staked ST cl 1-517 (YD26901) around the northern half of the Dale and the northern boundary of the Sten claim block.

In Jun/2010 ATAC Resources flew an airborne ZTEM geophysical survey over eastern end of the larger Rau Gold Belt, which this occurrence lies within. The Rau Gold Belt covers the company's entire claim holdings in the region and includes the Tiger deposit (Minfile Occurrence #106D 098) located approximately 100 km to the west.

In 2010 ATAC Resources carried out extensive contour, ridge and spur and detailed soil sampling programs, trenched and sampled numerous surface showings and collared 9 diamond drill hole (1 898.28 m) on various exploration targets situated within the Osiris cluster (Minfile Occurrence #106C 045) located approximately 12 km to the east. No appreciable work was carried out around this occurrence.

In 2011 ATAC Resources carried out prospecting, detailed silt sampling and grid soil sampling over the occurrence are. The company also carried out prospecting and contour and ridge and spur sampling over the areas surrounding the occurrence. Following receipt of geochemical results the occurrence location and surrounding area was prospected in detail and two diamond drill holes (648.61 m) were collared to test the occurrence area.

In 2012 ATAC Resources focused their efforts on delineating the size and scope of various mineralized zones identified in 2011.

In 2013 ATAC Resources prospected along two parallel northwest trending faults that bisect the original soil anomaly. The larger area was named the "N 8" anomaly; however the newly named anomaly covers the occurrence location.

GEOLOGY

The occurrence area is located in east-central Yukon, 185 km northeast of the town of Mayo. Access is currently obtained by fixed-wing aircraft to either the Rackla Airstrip located approximately 31 km to the west-northwest of the occurrence area or the Stewart Airstrip located approximately 15 km to the south. A variety of helicopters are used to ferry supplies and personnel from the airstrips to the occurrence area.

S. Blusson (1974) of the Geological Survey of Canada led a team of geologists that performed regional geological mapping at 1:250 000 scale in the late 1960's and early 1970's. Gordey and Makepeace of the Geological Survey of Canada released an updated geological compilation of the Yukon in 2003. Following the discovery of Carlin type mineralization in 2010, the Yukon Geological Survey began re-mapping the geology lying within the Nadaleen Trend (east side) of ATAC Resources' Rackla Gold property. In late 2013 M. Colpron and other geologist employed by the Yukon Geological Survey published a series of 1:50 000 scale geology maps which covered most of ATAC Resources Nadaleen trend (NTS 106C 1, 2, 3, 4 and 106D 1). In early 2014, D. Moynihan of the Yukon Geological Survey released an updated stratigraphic column and 1:50 000 geology map (NTS 106B/04) for the eastern end of the Nadaleen trend.

The occurrence area is located in east-central Yukon within an area geologists have referred to as the Rackla belt. The Rackla belt straddles the northern edge of the Selwyn basin, where Neoproterozoic to Paleozoic rocks of the basin are juxtaposed against Paleozoic and older slope and basin rocks of the Ogilvie platform along the Dawson thrust zone. Selwyn basin rocks in the occurrence area are dominated by slope and facies carbonate, clastic rocks and siltstone with significant deep water black shale and chert, whereas the Ogilvie platform is dominated by shallow water platformal carbonate. The occurrence area is bound structurally to the south by the Dawson thrust and to the north by the Kathleen Lake fault. The Dawson thrust is believed to be a reactivated Neoproterozoic normal fault that lies at the northernmost boundary of the Selwyn basin and is generally marked by an abrupt facies change to the Ogilvie platform.

Geological mapping carried out by Colpron et al. shows that the occurrence area is underlain by a wedge of Neoproterozoic (Ediacaran) to Lower Cambrian Hyland Group rocks overlain by Lower Devonian to Silurian Road River Group black shales and Ordovician to Silurian limestone. A northwest southeast trending thrust fault thrusts the wedge over top a sequence comprised of Middle Devonian crinoid limestone, Upper Devonian to Lower Mississippian Earn Group shales and Mississippian bedded limestone.

Regional silt sampling carried out in the fall of 2009 outlined a moderate arsenic and weak gold anomaly measuring approximately 500 m by 250 m centered over the creek crossing the upper half of the Dale claims. Grid soil sampling carried out in 2011 outlined a 5 800 m by 700 m linear gold, arsenic and thallium soil anomaly centered 500 m to the north. Follow-up prospecting discovered orpiment and realgar mineralization at surface which ATAC Resources labeled the Dale target. The remaining part of the anomaly was ignored for the time being. In the fall of 2011 the company collared two widely spaced diamond drill holes (48.61 m) to test the anomaly. The holes were described as scout holes, and both holes intersected significant disseminated realgar and orpiment accompanied by anomalous levels of gold, thallium, mercury and antimony along with characteristic Carlin-type alteration.

Work History

Date	Work Type	Comment
12/13/2014	Geochemistry	
12/13/2013	Other	Prospected larger "N" soil anomaly which encompasses Dale anomaly.
12/13/2011	Drilling	Two holes (648.61 m). Hole one tested underneath soil anomaly, hole two away from anomaly.
12/13/2011	Geochemistry	Grid, contour and ridge and spur sampling.
12/13/2011	Geochemistry	Detailed sampling.
12/13/2011	Other	Followed-up geochemical anomalies.
12/13/2010	Airborne Geophysics	Flown over entire Nadaleen Trend.
12/13/2009	Geochemistry	Regional program.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096810	2014	Assessment Report Describing Geochemical Sampling, Excavator Trenching, Geological Mapping, Auger and Diamond Drilling Along the Nadaleen Trend of the Rackla Gold Property	Auger - Drilling, Diamond - Drilling, Rock - Geochemistry, Backhoe - Trenching	59	4733
096607	2012	Assessment Report Describing Metallurgical Testing, Wildlife Monitoring, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Heritage/Archeological - Studies		
096597	2012	Assessment Report Describing Geochemical Sampling, Auger Sampling, Geological Mapping, Diamond Drilling, and Geophysical Surveys	Air Strip - Development, Surface, Auger - Drilling, Diamond - Drilling, Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, EM - Ground Geophysics, Gravity Survey - Ground Geophysics, Magnetics - Ground Geophysics, Prospecting - Other, Hand - Trenching	172	37340.37
095938	2011	Assessment Report Describing Geochemical Sampling, Geological Mapping and Remote Sensing Surveys at the Rackla Gold Property	Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, LIDAR - Remote Sensing, Heritage/Archeological - Studies		
095902	2011	Assessment Report Describing Geological Mapping, Diamond Drilling and Geophysical Surveys at the Nadaleen Trend Project Rackla Gold Property	Gamma-Ray Spectrometry - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Detailed Bedrock Mapping - Geology	89	26675.84
095712	2010	Assessment Report Describing Geochemical Sampling, Geological Mapping, Diamond Drilling and Geophysical Surveys at the Nadaleen Trend Property	ZTEM - Airborne Geophysics, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Detailed Bedrock Mapping - Geology, Regional Bedrock Mapping - Geology, Prospecting - Other	9	1898.28
095680	2009	Assessment Report Describing Geochemical Sampling	Soil - Geochemistry, Prospecting - Other		

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG2013_11	Bedrock Geology of NTS 106B/04, Eastern Rackla Belt	147-167.	Yukon Geological Survey	Annual Report Paper
2013-13	Geological map of the Rackla belt, east-central Yukon (NTS 106C/1-4, 106D/1)		Yukon Geological Survey	Open File (Geological - Bedrock)
2003-9(D)	Yukon Digital Geology (version 2)		Yukon Geological Survey	Open File (Geological - Bedrock)
YEG2011_OV	Yukon Exploration and Geology Overview 2011	24-25, 67, 73.	Yukon Geological Survey	Annual Report
2014-1	Geological map of NTS 106B/04, east-central Yukon		Yukon Geological Survey	Open File (Geological - Bedrock)