



Occurrence Details

Occurrence Number: 106C 127

Occurrence Name: Amon

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 8/5/2025 6:02:49 PM

General Information

Secondary Commodities: gold

Deposit Type(s): Carbonate-Hosted Disseminated Au-Ag (Carlin-type)

Location(s): 64°7'9.58" N - -132°22'41.75" W

NTS Mapsheet(s): 106C01

Location Comments: Coordinates supplied by ATAC 2019

Hand Samples Available: No

Last Reviewed:

Capsule

WORK HISTORY

In Jul/2009 ATAC Resources Ltd staked Sten cl 1-20 (YC99501) and carried out a short prospecting, silt and soil sampling program on the claims. Based on initial results the company added Sten cl 21-38 (YC995232) in Sep/2009, and Sten cl 39-54 (YD08485), cl 55 -142 (YD10405) and Dale cl (1-12) YD0853) in Nov/2009. The Isis and Isis East zones are located within Sten cl 39-54. The Amon zone is located within Sten cl 1-20.

In 2011 ATAC Resources focused their exploration work on exploring the Nadaleen Trend portion of their Rackla Gold Belt. The company carried out remote sensing studies, extensive silt sampling, contour, ridge and spur and detailed soil sampling surveys and dug and sampled numerous trenches over previously detected geochemical anomalies. At the end of May, ATAC Resources commenced a large diamond drill hole program (89 holes, 26 675.84 m) and shortly thereafter carried out detailed geological mapping in the Osiris area of the property. Eight holes (2 053 m) tested the Amon zone located approximately 2 km to the northwest of the Isis East zone, one hole (346.97 m) tested the Isis zone and 6 holes(1 172.56 m) tested the Isis East zone.

During 2012 ATAC Resources focused on delineating the size and scope of the various mineralized zones identified in the 2011 exploration program. The company completed over 37 100 m of diamond drilling in 116 drill holes. Six holes (2 018.86 m) tested the Isis zone and fourteen holes (2 984.26 m) tested the Isis East zone. No work was completed on the Amon zone.

Since the 2013 exploration season no significant exploration work has been undertaken at the Isis, Isis East or Amon zones by ATAC Resources. A down turn in the exploration industry forced the company to focus their exploration efforts on more promising areas of the Rackla Gold Belt.

GEOLOGY

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.

Exploration carried out to date has defined 3 mineralized zones associated with this occurrence; Ibis/Isis East, Isis and Amon. The Ibis zone (occurrence location) is one of 4 areas of Carlin type mineralization located within the Osiris cluster. It was discovered in 2010 through detailed soil sampling which outlined a 900 m long gold in soil anomaly that returned values between 268 and 3 940 ppb gold. The zone is located 500 m southwest of the Osiris zone (Minfile Occurrence # 106C 045). Gold mineralization is stratabound and is localized in the same southerly plunging anticline which hosts the Osiris Zone (Lower Stenbraten Assemblage – Colpron 2013). The style of mineralization in the two zones is very similar, with the best gold grades occurring at or near the contact between silty limestone and overlying dolostone. The axial crest of the anticline contains the widest and best mineralized intervals.

The Amon zone is located approximately 2 km northwest of the Ibis zone. In 2009 ATAC Resources collected a silt sample from the neighboring Clifton Creek which returned an assay of 15.5 % arsenic. The sample site is located within a 100 m by 30 m kill zone located on the east side of the creek. Follow-up soil sampling carried out in 2009 outlined a small gold-arsenic anomaly approximately 200 m east of the creek. All eight 2011 drill holes intersected moderate to strong arsenic mineralization (orpiment and realgar) within and peripheral to an east-trending fault that cuts dolostone in the upper part of the Isis carbonate sequence along a 200 m strike length. Anomalous gold values accompany the arsenic mineralization. Although ATAC Resources planned further diamond drilling to test for mineralization at depth, to date, no further work had been undertaken at the Amon zone.

Work History

Date	Work Type	Comment
12/13/2014	Geochemistry	
12/13/2012	Geochemistry	
12/13/2012	Geochemistry	
12/13/2012	Geochemistry	
12/13/2011	Drilling	Eight holes tested the Amon Zone (2 053 m)
12/13/2010	Airborne Geophysics	Flown over entire Nadaleen Trend
12/13/2009	Geochemistry	

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		