Occurrence Details

Occurrence Number: 106C 100
Occurrence Name: Corona
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/5/2025 10:07:16 AM

General Information

Secondary Commodities: arsenic, gold, lead, mercury, silver, thallium, zinc
Aliases: Anubis Cluster, Hydra
Deposit Type(s): Carbonate-Hosted Disseminated Au-Ag (Carlin-type)
Location(s): 64°7'23.75" N - -132°32'50.68" W
NTS Mapsheet(s): 106C02
Location Comments: Coordinates supplied by ATAC 2019
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked within Sten cl 55-142 (YD10405) in Nov/2009 by ATAC Resources Ltd although the showing itself was not discovered until 2013. In Jun/2010 the company 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 2011 ATAC Resources carried out remote sensing studies over the entire Nadaleen trend and carried out extensive regional silt and soil sampling surveys over the Anubis occurrence area (Minfile Occurrence 106C 099) located approximately 500 m to the southeast.

In 2012 the company carried out follow-up silt, soil and rock sampling programs over the Anubis occurrence area. Following receipt of geochemical results the company prospected and hand trenched favorable areas. In the fall of 2012 ATAC Resources collared 6 diamond drill holes (1 011.26 m) on and around the Anubis occurrence.

In 2013 ATAC Resources completed grid soil sampling in the area of the Anubis Cluster, which lead to the discovery of the Corona occurrence.

In 2014 ATAC Resources prospected and sampled numerous soil geochemical anomalies and Carlin-type mineralized zones previously located within the Anubis cluster including the Corona and Hydra showings. The company also used an excavator to trench and sample the various showings and employed an overburden auger drill to try and locate the bedrock source of mineralization.

In 2015 ATAC Resources used a rotary air blast (RAB) drill to test the Corona, Hydra and other mineralized showings located within the Anubis Cluster.

In 2018 ATAC Resources collared 4 holes into the Corona zone totaling 1 972.81m.

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.

Based on geological mapping by Colpron et al. and geologists employed by ATAC Resources the Corona and Hydra showings are underlain by a sequence of off shelf carbonate and shale rocks of Cambrian to Mississippian age that are cut by a series of regional faults. The Hydra showing is the northern most showing of the two. It is underlain by Ordovician to Silurian silty limestone which tops a sequence of Neoproterozoic to Lower Cambrian shales and carbonates. The entire sequence is thrust southwest over younger mid-Devonian to Mississippian shale, limestone and siliciclastic rocks by a fault which the company refers to as the Northern fault. The Corona showing lies in the younger sequence and is underlain by Devonian to Mississippian variably calcareous silty siltstone assigned to the Earn Group. The ATAC Resources named Anubis fault lies to the southwest and separates the siltstone from a silicified and decalcified limestone that hosts the Anubis occurrence.

ATAC Resources 2013 soil sampling program focused on areas located on a northwest trend radiating out from the Anubis occurrence. Results outlined a northwest trending 12 square km gold and pathfinder element geochemical anomaly centered within a major fault network. Follow-up prospecting and trenching of the soil anomalies identified six new Carlin-type gold showings; Corona, Columba, Dorado, Draco, Zodiac and Lyra within the broader "Anubis cluster".

The Corona showing is located 400 m east-northeast of the Anubis zone on the south side of the ATAC Resources named Northern fault. The area is underlain by Devonian to Mississippian Earn Group shale, limestone and siliciclastic rocks. ATAC Resources has broken the broader rock unit into individual rock types. It describes the rocks underlying the Corona showing as variably calcareous pyritic siltstone and believed the rocks were unlikely to host significant Carlin-type mineralization. Grab samples collected in 2013 from test pits dug along the surface trace of the Northern fault returned assays of up to 2.41 g/t gold. More significantly the samples returned silver values of up to 1 490 g/t silver and 31.08 % lead. The best assays were collected from an alteration zone surrounding the fault. The rock type was described as altered argillite.

Work History

Date	Work Type	Comment
12/13/2018	Drilling	4 drill holes (1 972.81 m)
12/13/2015	Drilling	Used to test various mineralized zones.
12/13/2014	Trenching	Trenched anomalous areas.

12/13/2014	Other	Prospected and rock mineralized showings.
12/13/2013	Trenching	Geochemical anomalies trenched and rock sampled.
12/13/2013	Geochemistry	
12/13/2013	Geochemistry	Follow-up detailed sampling.
12/13/2013	Geochemistry	Follow-up detailed sampling.
12/13/2012	Drilling	Six holes (1,011.26 M) collared to test Anubis zone. One hole AN-12-006 (124 m) tested Hydra showing area.
12/13/2012	Geochemistry	Collected regional scale samples to locate initial anomalies.
12/13/2012	Geochemistry	Collected regional scale samples to locate initial anomalies.
12/13/2012	Other	Prospected while collecting geochemical samples.
12/13/2011	Remote Sensing	Collected over entire Nadaleen trend.
12/13/2010	Airborne Geophysics	Flown over entire Nadaleen trend.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096933	2015	Assessment Report Describing Geochemical Sampling, Diamond Drilling and RAB Drilling along the Nadaleen Trend of the Rackla Gold Property	Diamond - Drilling, Rotary - Drilling	32	1771.74
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		
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

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG2013_11	Bedrock Geology of NTS 106B/04, Eastern Rackla Belt	p. 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)
YEG2012_OV	Yukon Exploration and Geology Overview 2012	p. 33-34, 62, 65.	Yukon Geological Survey	Annual Report
2014-1	Geological map of NTS 106B/04, east-central Yukon		Yukon Geological Survey	Open File (Geological - Bedrock)
YEG2013_OV	Yukon Exploration and Geology Overview 2013	p. 26-27, 42, 47.	Yukon Geological Survey	Annual Report
YEG2014_OV	Yukon Exploration and Geology Overview 2014	p.23-24, 40, 42.	Yukon Geological Survey	Annual Report
YEG2015_OV2	Yukon Hard Rock Mining, Development and Exploration Overview 2015	p. 28, 43, 46.	Yukon Geological Survey	Annual Report Paper