



Occurrence Details

Occurrence Number: 106D 036
Occurrence Name: Cheetah
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 12/16/2025 5:58:15 AM

General Information

Secondary Commodities: arsenic, bismuth, gold, lead, silver, tungsten, zinc
Aliases: Rau, Rackla
Deposit Type(s): Carbonate-Hosted Disseminated Au-Ag (Carlin-type), Manto Polymetallic Ag-Pb-Zn
Location(s): 64°13'26.78" N - -134°29'28.45" W
NTS Mapsheet(s): 106D01
Location Comments: Coordinates supplied by ATAC 2019
Hand Samples Available: No
Last Reviewed:

Capsule

Work History

Staked within R cl 1-1295 (YC68334) in Jul/2008 by ATAC Resources Ltd. The claims are part of the larger Rackla Gold Project and were staked following the discovery of gold mineralization in 2008 at the company's Tiger occurrence (Minfile Occurrence #106D 098) located approximately 5 km to the southeast. Following staking the company carried out reconnaissance silt sampling and flew a helicopter-borne magnetic and variable-time domain electromagnetic survey over the newly staked area which included the Cheetah occurrence.

In 2009 ATAC Resources carried out grid and contour soil sampling followed by prospecting and rock sampling of anomalous areas including the cheetah occurrence. In 2010 ATAC Resources carried out a large exploration program on the Rau portion of its Rackla Gold property. The company completed air-borne ZTEM and aeromagnetic geophysical surveys over the majority of the Rau trend. In conjunction with a property wide drill program ATAC Resources collared 6 diamond drill holes (945.82 m) on the Cheetah showing and completed soil sampling.

In 2011 the company carried out limited grid, ridge and contour soil sampling programs and collared 3 diamond drill holes (483.11 m) on the Cheetah showing. In 2012, ATAC carried out soil sampling over the occurrence area.

ATAC Resources performed prospecting and rock geochemistry in 2015 and 2017.

Regional & Property Geology

Regionally, the occurrence lies between the Dawson and Kathleen Lakes thrusts which form part of a band of regional-scale thrust faults that imbricate rocks of Mackenzie Platform and Selwyn Basin. The occurrence area lies on the western margin of ancestral North America and is underlain primarily by carbonate platform rocks of Mackenzie Platform which are in turn overlain by Paleozoic Selwyn Basin clastic rocks. The rock package formed a fault-bounded package which was thrust northeasterly during Jurassic to Cretaceous times by the Dawson and Kathleen Lakes thrust faults onto predominantly Proterozoic rocks. Following faulting, Late Cretaceous (94-90 million years), intermediate to felsic plutons of the Tombstone Suite were emplaced. A second intrusive event around 65 million years saw the emplacement of felsic intrusives assigned to the McQuesten Suite.

Mineralization & Results

The Cheetah showing, discovered in 2009, is located approximately 4 km northwest of the Tiger deposit and consists of a 500 m long by 400 m wide float train predominantly composed of goethite and limonite float. The float train is cut by a prominent linear. A sample of a purple brown, goethite rich boxwork limonite returned 3.06 g/t gold while all other samples contained less than 0.24 g/t gold. A 10 m trench dug in 2009 approximately 50 m downhill from the float train did not expose any mineralization and samples collected within the trench returned only background values for all elements. In 2010 ATAC Resources tested a portion of the linear corresponding to a 310 m long string of anomalous soil samples with 6 diamond drill holes (945.82 m). The best intersection was obtained from drill hole CH-10-04 which returned 1.29 g/t gold over 16.90 m. In 2011 three holes were drilled and intersected intensely oxidized intervals within the dolomite. The oxidized intervals had an average width of 25 m with a composition ranging from partially oxidized dolomite to limonite rich mud. The most significant intersection from drilling was from hole CH-11-07 which graded 1.11 g/t gold over 13.72 m. In 2017, prospecting was conducted along float trains and northeasterly-trending structures. An oxide float sample collected during this program returned 2.00 g/t gold and 1.29% zinc (see ATAC Resources news release: 6 Feb/2018).

Work History

Date	Work Type	Comment
12/13/2017	Other	
12/13/2015	Geochemistry	
12/13/2011	Drilling	3 holes, 483.11m
12/13/2010	Drilling	6 holes 1422.72m
12/13/2010	Geochemistry	
12/13/2009	Geochemistry	Sampled anomalies.
12/13/2009	Geochemistry	Grid and contour sampling.
12/13/2008	Airborne Geophysics	
12/13/2008	Airborne Geophysics	Also electromagnetic survey.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096936	2015	Assessment Report Describing Geochemical Sampling, Prospecting and Diamond Drilling at the Rau Trend - Rackla Gold Property	Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry	20	1814.23
096939	2015	Technical Report and Preliminary Economic Assessment for the Tiger Deposit, Rackla Gold Project	VTEM - Airborne Geophysics, ZTEM - Airborne Geophysics, Mill/Concentrator Construction - Development, Surface, Tailings Pond - Development, Surface, Diamond - Drilling, Rock - Geochemistry, Soil - Geochemistry, Gravity Survey - Ground Geophysics, IP - Ground Geophysics, Resistivity - Ground Geophysics, Metallurgical Tests - Lab Work/Physical Studies, Data Compilation - Pre-existing Data, Data Compilation - Pre-existing Data, Environmental Assessment/Impact - Studies, Preliminary Economic Assessment - Studies, Resource Estimate - Studies	150	26846.60
096732	2014	Assessment Report Describing Metallurgical Test Pits, Metallurgical Auger Drilling, Geotechnical Auger Drilling, Geotechnical Study, Environmental Baseline Studies, Heritage Evaluation, and Water Quality and Climate Monitoring Surveys	Auger - Drilling, Water - Geochemistry, Metallurgical Tests - Lab Work/Physical Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Heritage/Archeological - Studies	9	96.77
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		
096228	2011	Assessment Report Describing Diamond Drilling at the Rau Trend	Diamond - Drilling	10	2113.20
095721	2010	Assessment Report Describing Geophysics, Soil Geochemistry and Diamond Drilling at the Rau Property	Electromagnetic - Airborne Geophysics, Electromagnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Diamond - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Downhole Survey - Ground Geophysics, Gravity Survey - Ground Geophysics, IP - Ground Geophysics	170	36900.84
095684	2009	Geological Mapping, Prospecting, Soil Geochemistry and Diamond Drilling at the Rau Property	Interpretation - Airphotography, Diamond - Drilling, Drill Core - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Water - Geochemistry, Regional Surficial Mapping - Geology, IP - Ground Geophysics, Metallurgical Tests - Lab Work/Physical Studies, Petrographic - Lab Work/Physical Studies, Data Compilation - Pre-existing Data, Process/Interpret - Pre-existing Data, Biophysical Mapping - Studies, Environmental Assessment/Impact - Studies, Geotechnical - Studies, Heritage/Archeological - Studies	58	9578.30
095131	2008	Geological Mapping, Prospecting, Soil Geochemistry, Diamond Drilling, and Geophysical Surveys at the Rau Property	Magnetic - Airborne Geophysics, VTEM - Airborne Geophysics, Diamond - Drilling, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology, Prospecting - Other	18	3423.21
093987	1998	Digital Topography, Landsat, and Colour Air Photo Survey over the Clark Claims]	Orthophoto - Airphotography, Rock - Geochemistry, Landsat - Remote Sensing		

Related References

Number	Title	Page(s)	Reference Type	Document Type
YEG2008_OV	Yukon Exploration and Geology Overview 2008	p. 7-8, 31, 36.	Yukon Geological Survey	Annual Report
2013-13	Geological map of the Rackla belt, east-central Yukon (NTS 106C/1-4, 106D/1)		Yukon Geological Survey	Open File (Geological - Bedrock)
2003Heon	Yukon Regional Geochemical Database - Stream sediment analyses		Yukon Geological Survey	Database
YEG2009_OV	Yukon Exploration and Geology Overview 2009	p. 22, 54, 58.	Yukon Geological Survey	Annual Report
YEG2010_OV	Yukon Exploration and Geology Overview 2010	p. 23-24, 60, 65.	Yukon Geological Survey	Annual Report
YEG2011_OV	Yukon Exploration and Geology Overview 2011	p. 36, 73.	Yukon Geological Survey	Annual Report