



Occurrence Details

Occurrence Number: 106D 111
Occurrence Name: Serval
Occurrence Type: Hard-rock
Status: Showing
Date printed: 12/16/2025 2:50:40 AM

General Information

Secondary Commodities: gold
Aliases: Rau, Rackla
Deposit Type(s): Manto Au
Location(s): 64°13'51.6" N - -134°30'10.67" W
NTS Mapsheet(s): 106D02
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 a helicopter-borne magnetic and variable-time domain electromagnetic survey over the newly staked area.

In 2009 ATAC Resources carried out grid and contour soil sampling followed by prospecting and rock sampling of anomalous areas including the Puma 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. ATAC also completed a soil sampling over the area.

ATAC carried our rock sampling over the occurrence area in 2015. No further work has been completed.

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.

The Serval showing was discovered in 2015 by exploration crews prospecting northwest from the earlier explored areas. Crews reported variably silicified limonitic oxide float on a ridge top located 6 km along trend from the Tiger deposit. The float occurs in association with an area of intense calcite flooding proximal to a fault that prominently offsets stratigraphy. Gold values from hand samples collected in proximity to this fault returned a range of values from below detection to 1.44 g/t gold.

Work History		
Date	Work Type	Comment
12/13/2015	Geochemistry	
12/13/2010	Geochemistry	
12/13/2009	Geochemistry	
12/13/2008	Airborne Geophysics	
12/13/2008	Airborne Geophysics	

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
		Assessment Report Describing Metallurgical Test Pits, Metallurgical	Auger - Drilling, Water - Geochemistry, Metallurgical Tests - Lab		

096732	2014	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		
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		