Occurrence Details

Occurrence Number: 106C 126
Occurrence Name: GT
Occurrence Type: Hard-rock
Status: Prospect
Date printed: 8/5/2025 6:03:34 PM

General Information

Secondary Commodities: gold
Deposit Type(s): Carbonate-Hosted Disseminated Au-Ag (Carlin-type)
Location(s): 64°7'25.32" N - -132°29'.49" 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 and around the claims. In Mar/2010 ATAC Resources staked a large block of T claims (various claim numbers, T cl 748 = YD22878) to cover the regional extent of the geological units hosting the newly discovered mineralization. The GT occurrence lies within this block of T claims.

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. One whole was completed in the GT occurrence, as well as some minor silt sampling in the area.

In 2013 and 2014, a minor amount of prospecting and rock geochemistry was completed in the area.

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.

The GT occurrence is an arsenic in soil anomaly with an associated outcrop with alteration characteristics and gangue mineralization associated with a Carlin type system. The mineralization and alteration are associated with banded dolostone of the Mount Kindle formation (OSK).Alteration includes strong decarbonitization as well as argillic alteration. Gangue minerals include realgar and barite.

Drilling at the GT Zone tested an apparently structurally controlled alteration zone with realgar and barite that was discovered during mapping and exposed through hand trenching. GT-12-01 intersected altered grey, clay-like material with green arsenic oxide staining. Samples collected within the alteration zone yielded elevated values for arsenic, mercury, antimony and thallium (up to 10,550 ppm, 9.84 ppm, 9.78 ppm, and 10.15 ppm respectively). Gold values were at or below detection.

Work History

Date	Work Type	Comment
12/13/2014	Geochemistry	
12/13/2013	Geochemistry	
12/13/2013	Geochemistry	
12/13/2012	Drilling	One hole
12/13/2012	Geochemistry	
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		