



Occurrence Details

Occurrence Number: 106C 060

Occurrence Name: Pharaoh

Occurrence Type: Hard-rock

Status: Showing

Date printed: 8/5/2025 8:37:35 AM

General Information

Secondary Commodities: antimony, arsenic, gold, mercury

Deposit Type(s): Orogenic Au

Location(s): 64°9'3.61" N - 132°6'39.39" W

NTS Mapsheet(s): 106C01

Location Comments: Coordinates supplied by ATAC 2019

Hand Samples Available: No

Last Reviewed:

Capsule

WORK HISTORY

Staked within OS cl 1-1076 (YD69730) in Sep/2010 by ATAC Resources Ltd. The claims were staked following the discovery of Carlin-type gold mineralization at the company's Osiris zone/occurrence (Minfile Occurrence #106C 045) located 13 km to the west.

In 2011 ATAC Resources carried out a regional stream sediment survey over the OS claims and all areas located east of the Osiris occurrence.

In 2012 ATAC Resources carried out prospecting, follow-up detailed silt sampling and contour and ridge and spur soil sampling on the OS claims. In Oct/2012 the company announced the discovery of Carlin-type and gold-bearing quartz vein mineralization at the Pharaoh occurrence.

Soil sampling in 2012 showed up to 300 ppm arsenic and up to 50 ppb gold.

GEOLOGY

Reconnaissance silt sampling carried out in 2011 by ATAC Resources identified a mercury stream sediment anomaly draining the occurrence area. Follow-up silt sampling and contour and ridge and spur soil sampling identified intermittent anomalous clusters of antimony, arsenic and gold responses along a 6 km trend. Prospecting near the head of the main drainage system within the eastern half of the target identified two distinct structural systems. The first is comprised dominantly of northwest trending quartz veins while the second consists of northerly trending breccia/vein zones mineralized with varying amounts of Carlin-style indicator minerals that include stibnite (antimony), cinnabar (mercury) and realgar (arsenic).

Initial prospecting located northwest trending quartz veins ranging in width from 30 to 50 cm along a 900 m section of ridge line in the eastern part of the Pharaoh anomaly. The veins are distinctly hydrothermal in origin and are commonly pitted and fractured and often contain limonite and or moderate oxidation indicating the presence of pre-existing sulphide. Black stylonitic fractures occur in some specimens and these particular samples have been noted to contain varying amounts of visible gold. Gold values from quartz vein material ranged from below detection limit to 79.4 g/t gold.

Carlin-style mineralization occurs in north trending shear and breccia zones located approximately 500 to 1 000 m to the north of the gold bearing quartz veins. Where exposed, the shear and breccia zones range in width from 10 to 50 cm and are commonly silicified. Mineralization consists of variable concentrations of blebby to disseminated stibnite, realgar, cinnabar and/or associated oxides and sulphates. Based on limited rock sampling, the area returned extremely elevated antimony, mercury and arsenic values. Gold values ranged from below detection to 0.28 g/t gold.

ATAC Resources has not yet carried out detailed geological mapping in the vicinity of the Pharaoh occurrence. Observations recorded during prospecting suggest the area is underlain by carbonate and calcareous clastic stratigraphy that is overlain by siliciclastic rocks which the company noted were similar in appearance to the geological setting at the Conrad zone (Minfile Occurrence #106C 05) located approximately 12 km to the west. Geological mapping completed by Colpron et al., supports this interpretation. The Carlin-style mineralization (where the Minfile map symbol is located) is hosted along the boundary of units PNw (Basal - Nadaleen Assemblage) and unit PNI (Lower Nadaleen Assemblage) which is similar to the Conrad occurrence area. However the area is lacking unit PSc (Stenbraten Assemblage - Lower) the "carbonate marker unit" which typically hosts Carlin-type mineralization. The area hosting the gold mineralized quartz veins is located approximately 900 m to the south and occurs at the boundary of units PNq and PNI (both belonging to Lower Nadaleen Assemblage).

Work History

Date	Work Type	Comment
12/13/2012	Geochemistry	Sampling of quartz veins and area hosting Carlin-type mineralization.
12/13/2012	Geochemistry	Contour and ridge and spur sampling.
12/13/2012	Geochemistry	Detailed sampling.
12/13/2012	Other	Following up on geochemical results.
12/13/2011	Geochemistry	Regional silt anomaly.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
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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
2013-13	Geological map of the Rackla belt, east-central Yukon (NTS 106C/1-4, 106D/1)		Yukon Geological Survey	Open File (Geological - Bedrock)
YEG2013_11	Bedrock Geology of NTS 106B/04, Eastern Rackla Belt	147-167.	Yukon Geological Survey	Annual Report Paper
2014-1	Geological map of NTS 106B/04, east-central Yukon		Yukon Geological Survey	Open File (Geological - Bedrock)
YEG2011_OV	Yukon Exploration and Geology Overview 2011	24-25, 67, 73.	Yukon Geological Survey	Annual Report
YEG2012_OV	Yukon Exploration and Geology Overview 2012	33-34, 62, 65.	Yukon Geological Survey	Annual Report