

ATAC Resources Ltd. Identifies Additional High-Grade Mineralization at its Rau Project, Yukon

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VANCOUVER, Jan. 16, 2019 /CNW/ - [ATAC Resources Ltd.](#) (TSX-V:ATC) ("ATAC" or the "Company") announces final exploration results from its 660 km² Rau Project, located at the western end of the Company's Rackla Gold Property, Y

The remaining results from the highly prospective Bobcat, Condor and Spotlight targets have advanced our understanding of broad controls on mineralization throughout the district. The results of this program continue to provide compelling evidence that the Rackla Pluton is one of multiple intrusive-related systems on the Property. Polymetallic intrusive-related mineralization has been identified over a 20 km trend to date, and varies from proximal skarn, through intermediate and distal carbonate replacement and manto systems.

2018 Rau Project Highlights

- Follow up hand pitting at the Bobcat gold-copper skarn target returned a grab of 9.53 g/t gold;
- Expansion soil sampling east of Bobcat extended existing silver-lead-tin anomaly by 1.2 km²;
- 2.2 km long gold-in-soil anomaly identified, trending west of the Spotlight skarn target; and,
- Hand pitting at Condor identified zone rich in zinc, including samples containing 37.49% and 36.51% zinc.

"We continue to be impressed by the strength and variety of targets throughout the Rau Project," commented President and CEO Graham Downs. "With over 20 km of strike length identified to date, we see evidence of a substantial intrusion-related system. Much of the property still remains at a very early stage of exploration, with strong potential for additional discoveries to be made. We look forward to continuing to advance this project in upcoming exploration seasons, with a focus on both gold and base metal opportunities."

Rau Trend Plan View & Samples:

<http://www.atacresources.com/assets/docs/RauGoldinSoil.pdf>

Bobcat

Bobcat is a gold-copper skarn target located 1.5 km east of the mapped surface expression of the Rackla Pluton. Prospecting and hand pitting in early 2018 returned numerous multi-gram gold and multi-percent copper grab samples; including: 6.07 g/t gold with 7.41% copper; and 5.08 g/t gold with 3.69% copper (please see ATAC news release dated August 21, 2018).

Follow-up work completed in September identified additional gold mineralization including a surface grab sample grading 14.55 g/t gold, broadening the target area of skarn mineralization to approximately 250 m in length. Expanded soil grid coverage in September 2018 has identified a 1.2 km by 1 km soil anomaly for silver, lead and tin. The anomaly remains open to the east. The eastern line of this grid contained a sample grading 14.55 g/t silver in soil.

Gold-copper skarn mineralization at Bobcat is typically observed within tremolite bearing veins with varying concentrations of chalcopyrite and copper oxides hosted in fine grained limestone. This style of mineralization is characteristic of distal, intermediate and proximal skarn alteration related to an intrusive center. Host rocks observed in the Bobcat area consist mainly of fine grained limestone, dolomite, marble, hornfelsed fine-grained siliciclastic, and minor volcanic rocks.

Bobcat Annotated Photo & Samples:

<http://www.atacresources.com/assets/docs/BobcatAerialPhoto.pdf>

Spotlight

The Spotlight skarn target is located 6.5 km north of Bobcat. Work in 2018 included soil sampling and prospecting, to follow up on the 2017 discovery of high grade grab samples containing 7,080 g/t silver and 3.27 g/t gold. These samples were collected from a 100 m long gold and silver soil anomaly.

Soil sampling in 2018 expanded the gold and silver anomaly to over 2.2 km in length. Highlight in-soil metal values 0.7 g/t gold and 15.20 g/t silver. This anomaly remains open to the north, east and west.

One day of detailed prospecting was conducted in the Spotlight area during 2018. Rock samples returning 4,090 g/t silver and 1,765 g/t silver in limonite bearing quartz veins were collected near the initial discovery. Prospecting 1.2 km along the same soil trend returned brecciated quartz-siderite material containing 2.17 g/t gold and 1.38 g/t gold.

Significant hornfels, marble alteration and abundant tremolite development indicate high fluid flow, likely from a nearby hydrothermal system. These observations are supported by the development of gold-copper-tungsten skarn mineralization at the historic Hite occurrence located 1 km to the south of Spotlight.

Spotlight Gold-in-Soil:

<http://www.ataresources.com/assets/docs/SpotlightGoldinSoil.pdf>

Condor

The Condor target, located 1.5 km to the northwest of the Tiger Deposit was assessed in detail in 2018 to follow-up on high grade prospecting samples (17.00 g/t gold and 23.30% zinc) collected in 2017.

Work in 2018 focused on a 100 m wide vegetation anomaly located upslope of the 2017 samples. Hand pits were excavated in a grid pattern across the vegetation anomaly and a variety of samples containing strongly oxidized sulphides hosted in dolomitic and volcanic rocks were encountered. Highlight results from pit samples are presented below:

Sample	Au (g/t)	Ag (g/t)	Zn (%)	Pb (%)
W591494	1.85	103	--	4.22
W591525	--	45	37.49	--
W591508	--	--	36.51	--
W591507	1.06	--	--	1.38
W591523	--	133	1.44	--
W591499	--	42	22.60	--

* Note: dashes indicate no significant result for that element.

Condor is situated in a similar stratigraphic and structural environment to the Tiger Deposit, with a series of carbonate horizons interlayered with volcanoclastic flows. Mineralization at Condor is thought to have developed at the structural intersection of a regional scale northwesterly trending strain zone with a northerly trending brittle fault zone.

Rau Geological Model

Conceptual Rau Geological Model:

<http://www.atacresources.com/assets/docs/ModelRauProject.pdf>

Since 2007, a total of 22 targets with gold and/or base metal mineralization have been discovered by ATAC across a 20 km² area at the Rau Property. These targets comprise several distinct styles of intrusive-related mineralization, demonstrating systematic mineralization zonation outwards from the Rackla Pluton.

While underexplored, the Rackla Pluton represents one of the proposed hydrothermal fluid sources for the district and may have significant porphyry potential. The neighbouring Bobcat target reflects outward fluid flow and the development of gold and silver skarn mineralization. This mineral zonation continues to transition outwards to a gold-silver dominated carbonate-replacement system exemplified by the Tiger Gold Deposit. At the periphery, silver-zinc-lead manto-style mineralization has developed at the Ocelot target, demonstrating distal components of fluid flow.

Systematic exploration at the Rau Project has revealed an exciting geological environment, which has already led to multiple mineral discoveries and suggests a robust system with significant additional potential. Planning for the 2019 field program is currently underway and details will be announced in the coming months.

QA/QC

Samples were forwarded to ALS Minerals in Whitehorse where they were fine crushed before a 250 gram split was prepared. The split was better than 85% passing 75 microns. Pulps were then analyzed at ALS Minerals in North Vancouver where gold determinations were carried out. Rock sample gold analyses were by the Au-AA26 procedure that involves fire assay preparation using a 30 g charge with an atomic absorption spectroscopy finish. Initial multi element data for 49 elements was determined for rock samples by the ME-MS61 procedure that involves a four acid digestion followed by inductively coupled plasma mass spectrometry and inductively coupled plasma atomic emission spectroscopy. Over limit values for silver, lead and zinc are determined by the Ag/Pb/Zn-OG62 method that utilizes a four acid digestion followed by an atomic emission spectroscopy finish. Over limit values for silver and lead are determined by the Ag-OG62 method are re-analyzed using the Ag-GRA21 method which involves fire assay preparation using 30 g charge and a gravimetric finish. Over limit values for zinc determined by the Zn-OG62 method are re-analyzed using the Zn-VC11 method involving four acid digestion followed by titration. Soil sample gold analyses were by the Au-ICP21 technique that involves fire assay preparation using a 30 gram charge with an inductively coupled plasma atomic emission spectrometry finish. Initial multi element data for 51 elements was determined for soils by the ME-MS41 procedure that involves an aqua regia digestion followed by inductively coupled plasma mass spectrometry and inductively coupled plasma atomic emission spectroscopy.

All prospecting grab samples reported in this release represent significant results only. Below detection values for gold, silver, lead and zinc were encountered in grab samples from the 2018 program.

The technical information in this news release has been approved by Julia Lane, P.Geo., Vice President of Exploration and a qualified person for the purposes of National Instrument 43-101.

About ATAC

ATAC is a Yukon-based exploration company focused on developing Canada's only Carlin-type gold district and intrusively-related polymetallic targets at the Rackla Gold Property. Work on the ~1,700 km² property has resulted in the Osiris Project Inferred Mineral Resource of 1,685,000 oz of gold at an average grade of 4.23 g/t (in 12.4 Mt), a positive Preliminary Economic Assessment for the Tiger Gold Deposit and multiple base metal discoveries. ATAC is well-financed with approximately \$10 million in cash and working capital.

On behalf of Management and the Board of Directors of [ATAC Resources Ltd.](#)

Graham Downs, President and CEO

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Contact

Matthew Keevil, VP, Corporate Affairs, [ATAC Resources Ltd.](#), T: 604-687-2522 ext. 260,
mkeevil@atacresources.com

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