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**ATAC RESOURCES LTD. ANNOUNCES POSITIVE RESULTS FROM CYANIDE LEACH TESTS ON OXIDE MINERALIZATION FROM ITS RAU GOLD PROPERTY**

September 15, 2009 – ATAC Resources Ltd. (TSX-V:ATC) is pleased to announce results of cyanide leach tests on samples of oxide gold mineralization from the Discovery/Tiger Zone on its 100% owned Rau gold property in the Keno Hill District of central Yukon.

Composites of coarse reject material from the oxide zone intersected in drill hole Rau-09-19 were re-assayed using a cyanide leach. **Rau-09-19 intersected 24.07 g/t gold over 28.04 metres.** Results of cyanide leach tests are tabulated below.

Sample	Conventional Au Assay (g/t)	24 Hour Cyanide Leach Au Assay (g/t)	% Cyanide Recovery vs. Conventional Au Assay
Rau-CY-A	85.70	82.60	96.4
Rau-CY-B	7.76	7.50	96.6
Rau-CY-C	4.69	4.51	96.2
Rau-CY-D	2.70	2.68	99.3
Rau-CY-E	0.83	0.77	92.8
Rau-CY-F	0.25	0.26	104.0

"These highly encouraging results from preliminary leach tests are a key development for the advancement of the Rau gold project because they suggest that the oxide mineralization is potentially amenable to simple and low cost extraction processes." commented Graham Downs, CEO of ATAC.

The Tiger Zone is contained within a 22 km long anomalous trend that has been traced west-northwesterly from a high level, Late Cretaceous granitic stock. The geochemically and geophysically anomalous trend coincides with a 100 to 800 m wide structural corridor that contains faulted and folded Paleozoic carbonate sedimentary rocks.

Gold mineralization in the area of the current drill program occurs as blanket-like replacements of a shallow water limestone unit that lies beneath a mafic volcanic bed within the structural corridor. Drilling in 2008 outlined an area of sulphide mineralization comprising pyrite and lesser arsenopyrite as heavy disseminations within dolomitized limestone. Drilling in 2009 is focusing on oxide style mineralization that lies mostly uphill to the northwest, where complete oxidation of sulphide minerals has occurred. Oxide mineralization has been outlined by drilling over a 550 m strike length, with approximate true thicknesses typically ranging between 15 and 50 m over widths up to 150 m. The zone of gold mineralization is open along strike in both northwest and southeast directions.

Two infill drills and a scout drill continue to explore the oxide and sulphide parts of the Tiger Zone and other targets on the 540 sq km property. A small bulldozer-backhoe has been mobilized to the property to build drill access roads, to prepare a new site for the 2010 exploration camp and to trench existing and newly discovered mineralized zones.

A total of 64 diamond drill holes have been completed on the property to date, 46 of which have been drilled in 2009. Assay results for the 30 unreleased holes are coming in slowly due to delays at the lab. The Company looks forward to releasing these results as soon as reasonably possible.

*Conventional gold determinations were carried out at ALS Chemex in North Vancouver, B.C. where they were fine crushed before a 250 gram split was pulverized to better than 85% passing 75 microns. The pulverizing circuit was cleaned with quartz sand twice between samples. Gold analyses were done by the Au-AA26 procedure which involves fire assay preparation using a 50 gram charge with an atomic absorption spectroscopy finish. Cyanide leach tests were carried out by ALS Chemex in Reno, Nevada by the Au-AA14 procedure. One kilogram composites of coarse reject material from drill core were subjected to a concentrated cyanide leach with AAS finish.*

The technical information in this news release has been reviewed by Robert C. Carne, M.Sc., P.Geo., a qualified person for the purpose of National Instrument 43-101.

ATAC is a well funded junior mining company focused on gold. For additional information concerning ATAC Resources Ltd. or its various exploration projects please visit ATAC's website at [www.atacresources.com](http://www.atacresources.com).

On behalf of the Board of ATAC Resources Ltd.

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