

# Plateau Uranium reports 80% Lithium extraction to sulphate solution from newly discovered Falchani High-Grade Lithium Mineralization

11.12.2017 | [Globenewswire Europe](#)

[Plateau Uranium Inc.](#) / Plateau Uranium reports 80% Lithium extraction to sulphate solution from newly discovered Falchani High-Grade Lithium Mineralization . Processed and transmitted by Nasdaq Corporate Solutions. The issuer is solely responsible for the content of this announcement.

TORONTO, Dec. 11, 2017 (GLOBE NEWSWIRE) -- [Plateau Uranium Inc.](#) ("Plateau Uranium" or the "Company") (TSX VENTURE:PLU) (OTCQB:PLUUF) (FRANKFURT:QG1), a Uranium and Lithium development company, is pleased to announce initial metallurgical test results from the new Falchani discovery at its Macusani Plateau lithium/uranium project in Peru. The work was completed by TECMMINE, a Peruvian metallurgical consulting company based in Lima, Peru, and was reviewed by Grenvil Dunn of Hydromet (Pty) Ltd. ("Hydromet"). The test work forms part of the Company's continuing efforts to unlock value from the significant lithium resources contained within its uranium deposits.

The Company is continuing additional test work on uranium, lithium and other associated metals with the intention of further optimizing the process and establishing potential capital and operating costs for extracting both lithium and uranium from the Macusani deposits.

## Highlights

This leach test work was conducted on samples of the Li-rich tuff recently drilled by the Company at the Falchani discovery. This unit is at least 50m thick and exhibits consistent high lithium grades of 3,500 to 4,300ppm Li (0.75-0.92% Li<sub>2</sub>O), and remains open at depth and in all directions.

- Early leach results indicate that 77-80% of contained lithium can be extracted from Falchani mineralization, in an open circuit sulphuric acid leach operated at 89°C.
- Lithium continued to leach beyond 12 hours, suggesting further upside of increased Li recoveries over longer leach periods.
- Additional work is planned in Peru and will be followed up with further leaching and precipitation test work at international mineral processing consulting firms, SGS Laboratories and ANSTO, in Australia.
- The outcome of this work will establish estimates for capital and operating costs to produce lithium and possibly other rare metals and will subsequently determine the anticipated, positive impact to the Macusani lithium and uranium project.

Ted O'Connor, CEO of Plateau Uranium commented: "These initial leach test results from the Li-rich Falchani tuff unit are extremely positive, showing very high lithium extraction using our simple, warm sulphuric acid leaching process under atmospheric pressure conditions.

The footprint of these Li-rich tuffs is already large and growing from our on-going drill program at Falchani. We are confident that Falchani will grow as both a uranium and a significant, high-grade lithium project, and will enhance the economic value proposition of our already robust Macusani project."

For the balance of this news release [CLICK HERE](#).

## Forward Looking Information

*This news release includes certain forward-looking statements concerning possible expected results of exploration and future exploration activities. Forward-looking statements are frequently identified by such words as "may", "will", "plan", "expect", "anticipate", "estimate", "intend" and similar words referring to future events and results. Forward-looking statements are based on the current opinions and expectations of management. All forward-looking information is inherently uncertain and subject to a variety of assumptions, risks and uncertainties, including risks and uncertainties relating to the interpretation of drill results, the*

*geology, grade and continuity of mineral deposits; the possibility that any future exploration, development or mining results will not be consistent with our expectations; mining and development risks, including risks related to accidents, equipment breakdowns, labour disputes (including work stoppages and strikes) or other unanticipated difficulties with or interruptions in exploration and development; the potential for delays in exploration or development activities; risks related to commodity price and foreign exchange rate fluctuations; risks related to foreign operations; the cyclical nature of the industry in which we operate; risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals; risks related to environmental regulation and liability; political and regulatory risks associated with mining and exploration; risks related to the certainty of title to our properties; risks related to the uncertain global economic environment; and other risks and uncertainties related to our prospects, properties and business strategy, as described in more detail in Plateau Uranium's recent securities filings available at [www.sedar.com](http://www.sedar.com). Actual events or results may differ materially from those projected in the forward-looking statements and Plateau Uranium cautions against placing undue reliance thereon. Neither Plateau Uranium nor its management assume any obligation to revise or update these forward-looking statements.*

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For further information, please contact:

[Plateau Uranium Inc.](http://Plateau Uranium Inc.)

Ted O'Connor, CEO

[ted@plateauranium.com](mailto:ted@plateauranium.com)

+1-416-628-9600

[info@plateauranium.com](mailto:info@plateauranium.com)

Website: [www.plateauranium.com](http://www.plateauranium.com)

Facebook: [www.facebook.com/plateauranium/](http://www.facebook.com/plateauranium/)

Twitter: [www.twitter.com/plateauranium/](http://www.twitter.com/plateauranium/)

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