

## Developing Peru's Uranium & Lithium Potential

### Investor Factsheet

Plateau Uranium Inc. is an advanced stage exploration-development Company with over 910 km<sup>2</sup> (91,000 hectares) of claims on the Macusani Plateau. Located in south-eastern Peru, the Plateau is one of the largest, most highly prospective uranium districts in the world. NI 43-101 uranium resources total 51.9 M lbs Measured & Indicated and 72.1 M lbs Inferred\*.

In 2016 the Company released an updated Preliminary Economic Study (“PEA”) using \$50/lb U<sub>3</sub>O<sub>8</sub> uranium price with cash operating costs estimated to average \$17.28/lb U<sub>3</sub>O<sub>8</sub> for a 6.1 M lbs per annum operation over a 10 year mine life. Initial capital expenditures are estimated at \$299.8 M\*.

### Investment Highlights (at \$50/lb U<sub>3</sub>O<sub>8</sub>)

**Large Scale** – Proposed production of 6.1M lbs U<sub>3</sub>O<sub>8</sub>/yr\*

**Low Cost** - <\$18/lb estimated cash production cost \*

**Robust Economics** - NPV: \$852.7 M / IRR: 47.6% \*

**Large Uranium Resource** – 51.9 M lbs U<sub>3</sub>O<sub>8</sub> Measured & Indicated; 72.1 M lbs U<sub>3</sub>O<sub>8</sub> Inferred \*

**By-Product Potential** – Lithium and Potassium resources 67 Kt Li<sub>2</sub>O Indicated (0.13% Li<sub>2</sub>O) and 109 Kt Li<sub>2</sub>O Inferred (0.12% Li<sub>2</sub>O); Potassium averages 3.7% K<sub>2</sub>O in host rocks

**Excellent Infrastructure** - roads, power, water, etc.

**Resource Friendly Jurisdiction** of Peru

### Capital Structure

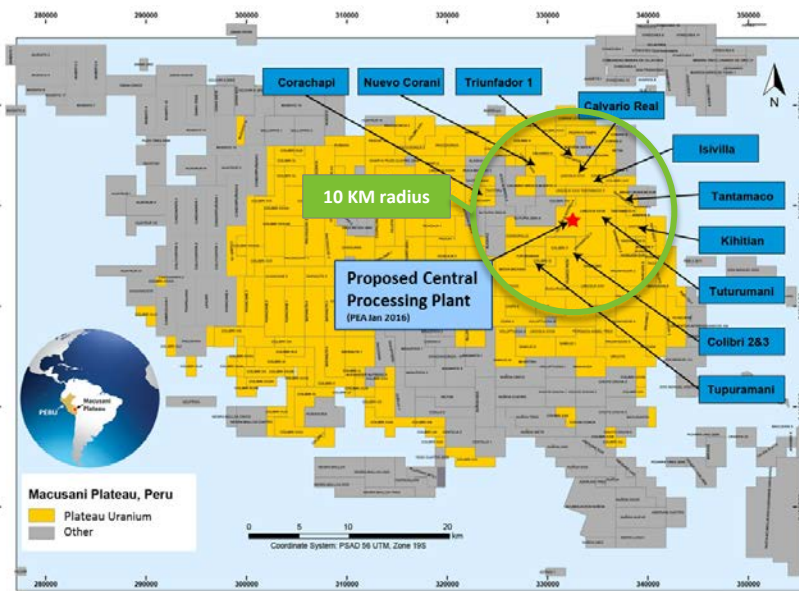
Shares	51.7 M
Warrants @ \$0.80 (CAD)	4.0 M
@ \$0.60 (CAD)	3.7 M
Options	1.7 M
Fully Diluted	61.1 M

\* See NI 43-101 compliant resource estimate table and January 2016 Preliminary Economic Assessment details on next page. All figures in \$USD, unless otherwise stated.



## 2016 PEA Highlights

The PEA contemplates the construction of a mine and centralized processing facility operating over a 10 year life at a throughput of ~ 30 000 tonnes per day.



Production Parameters - Base Case		
Mine life	10 years	
Average annual potentially mineable tonnes	10.9 million tonnes	
Processing recovery rate	88%	
Open pit strip ratio (Waste:Ore)	2.05	
Average feed grade	289 ppm U <sub>3</sub> O <sub>8</sub>	
Average annual production (LOM)	6.1 million lbs U <sub>3</sub> O <sub>8</sub>	
Financial Parameters		
Uranium price	\$50 / lb U <sub>3</sub> O <sub>8</sub>	
Average cost of production	\$17.28 / lb U <sub>3</sub> O <sub>8</sub>	
Start-up CAPEX	\$299.8 million	
Sustaining CAPEX	\$43.9 million	
	Pre-tax	Post-tax
NPV (8% discount rate)	\$852.7 M	\$603 M
IRR	47.6%	40.6%
Payback period	1.69 years	1.76 years

## NI 43-101 Mineral Resources

75 ppm U cut-off	Measured & Indicated			Inferred		
	Tonnes (Mt)	Grade (ppm U <sub>3</sub> O <sub>8</sub> )	Contained lbs (M lbs U <sub>3</sub> O <sub>8</sub> )	Tonnes (Mt)	Grade (ppm U <sub>3</sub> O <sub>8</sub> )	Contained lbs (M lbs U <sub>3</sub> O <sub>8</sub> )
<b>PROJECT</b>						
Kihitian Complex (1)	47.7	261 (0.575 lbs/t)	27.4	83.6	273 (0.60 lbs/t)	50.3
Isivilla Complex (2)	4.6	350 (0.77 lbs/t)	3.5	16.1	293 (0.645 lbs/t)	10.4
Corani Complex (3)	3.4	166 (0.366 lbs/t)	1.3	6.1	131 (0.288 lbs/t)	1.8
Colibri 2 & 3 / Tupuramani (4)	27.9	240 (0.529 lbs/t)	14.7	20.4	170 (0.374 lbs/t)	7.7
Corachapi (5)	11.6	195 (0.43 lbs/t)	5.0	3.8	230 (0.507 lbs/t)	1.9
<b>SUB-TOTAL:</b>	<b>95.2 Mt</b>	<b>248 ppm</b>	<b>51.9 M lbs</b>	<b>130.0 Mt</b>	<b>251 ppm</b>	<b>72.1 M lbs</b>

All Resources stated at 75 ppm U cut-off. Readers are cautioned that mineral resources that are not mineral reserves do not have demonstrated economic viability. In addition, the mineral resource estimates could be materially affected by environmental, geotechnical, permitting, legal, title, taxation, socio-political, marketing or other relevant factors. (1) Kihitian Complex includes the Chilcuno Chico, Quebrada Blanca, Tufurumani and Tantamaco deposits (2) Isivilla Complex includes the Isivilla, Calvario Real, Puncopata and Calvario I deposits (3) Corani Complex includes the Calvario II, Calvario III and Nueva Corani deposits (4) Colibri 2 & 3 and Tupuramani remain unchanged, last updated August 14, 2013 (5) Corachapi remains unchanged, last updated September 8, 2010. Mr. Ted O'Connor, P.Geo., CEO and Director of Plateau Uranium and a qualified person as defined by National Instrument 43-101, has reviewed and approved the scientific and technical information contained in this document. Please refer to NI 43-101 reports filed on sedar.com for Mineral Resource Estimate filed July 2015) and PEA filed January 2016

## 2016-17 Strategic Milestones

- Initiate pre-feasibility study work
- Prioritize known un-drilled prospects
- In-fill, delineation and exploration drilling to enhance mineral resources
- Further Uranium metallurgical and Lithium/Potassium co-product testwork
- Enhanced environmental monitoring & EIA towards permitting future production

## Board of Directors

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This factsheet includes certain forward-looking statements concerning the future performance of Plateau Uranium's business, operations and financial performance and condition, as well as management's objectives, strategies, beliefs and intentions. 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 the speculative nature of mineral exploration and development, fluctuating commodity prices, competitive risks and the availability of financing, as described in more detail in the Company's recent securities filings available at 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.