

Developing Peru's Uranium & Lithium Potential

Investor Factsheet

Plateau Energy Metals Inc. is an advanced stage exploration-development Company with over 910 km² of mineral concessions on the Macusani Plateau. Located in south-eastern Peru, the Plateau is one of the largest, most highly prospective uranium & lithium districts in the world. NI 43-101 uranium resources total 51.9 M lbs Measured & Indicated and 72.1 M lbs Inferred* with Lithium potential.

The Company released an updated Preliminary Economic Study ("PEA") using \$50/lb U₃O₈ uranium price with cash operating costs estimated to average \$17.28/lb U₃O₈ 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 U₃O₈)

Large Scale – Proposed production of 6.1M lbs U₃O₈/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 U₃O₈ Measured & Indicated; 72.1 M lbs U₃O₈ Inferred *

By-Product Potential – Lithium and Potassium resources 67 Kt Li₂O Indicated (0.13% Li₂O) and 109 Kt Li₂O Inferred (0.12% Li₂O); Potassium averages 3.7% K₂O in host rocks

Excellent Infrastructure - roads, power, water, contractors

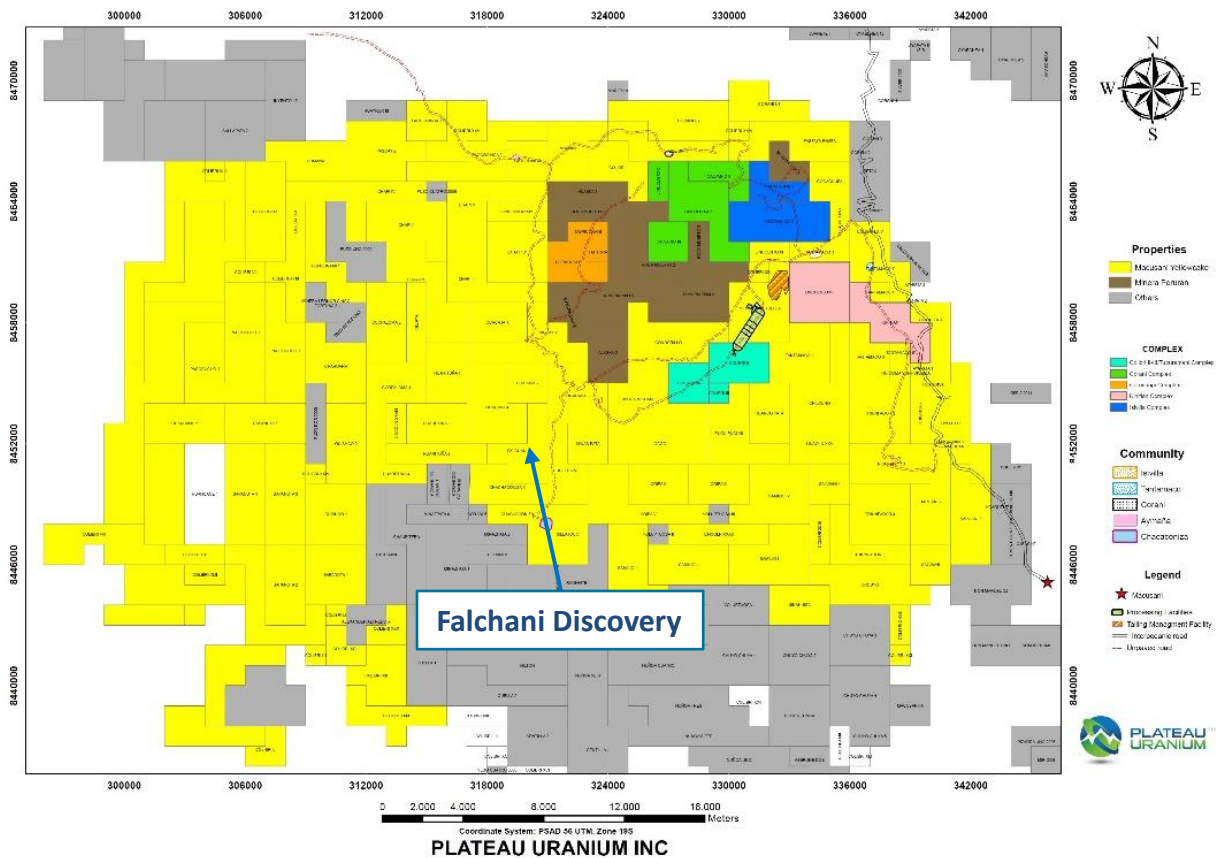
Resource Friendly Jurisdiction of Peru

Capital Structure

Shares	64.47 M
Warrants	4.48 M
Options	4.22 M
Fully Diluted	73.23 M



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



Uranium-only PEA Highlights

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 ₃ O ₈	
Average annual production (LOM)	6.1 million lbs U ₃ O ₈	
Financial Parameters		
Uranium price	\$50 / lb U ₃ O ₈	
Average cost of production	\$17.28 / lb U ₃ O ₈	
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

Chacacconiza Area - Falchani Discovery

Widespread radioactivity & U mineralization over 6 areas

Falchani discovery >2km² with up to ~1% U₃O₈ & 0.79% Li₂O in outcrop

High-grade Uranium intersections drilled at Falchani

- 56.0 m averaging 511 ppm U₃O₈ from surface

High Grade Lithium intersections in same drill holes at Falchani

- 61.2 m at 3,670 ppm Li (0.79% Li₂O) in aqua-lain felsic ash fall tuff
- Open in all directions and at depth
- Dimensions: >500 m E-W; >350 m N-S and >100 m thick
- Average grade 3,500 ppm Li (0.75% Li₂O)

Excellent initial leach test with 80% Li extraction and 94% U extraction

2017-18 Strategic Milestones

- Drilling and Resource estimate work at Falchani discovery – Uranium & Lithium
- Further Uranium and Lithium metallurgical process test work
- Initiate pre-feasibility study work
- Continue environmental monitoring & EIA towards permitting future production
- Establish uranium production regulations with Peruvian government

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