

# Atlas Lithium's Critical Minerals Subsidiary Reports Strong Rare Earths, Titanium, and Graphite Results

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Atlas Critical Minerals reports high-grade, near-surface rare earths mineralization with grades up to 28,870 ppm TREO, 23.2% TiO<sub>2</sub>; achieves 96.6% graphite concentrate

Boca Raton, July 24, 2025 - [Atlas Lithium Corp.](#) (NASDAQ: ATLX) ("Atlas Lithium" or the "Company"), a leading lithium exploration and development company, today announced strong results from its 30.1%-owned subsidiary, [Atlas Critical Minerals Corp.](#) (OTCQB: JUPGF). The subsidiary has recently reported near-surface rare earths mineralization with grades up to 28,870 ppm TREO, 23.2% TiO<sub>2</sub>; alongside graphite concentrate results of up to 96.6%. Atlas Critical Minerals owns over 575,000+ acres of mineral rights for rare earths, titanium, graphite, uranium, copper, and nickel. Brazil, where the subsidiary operates, hosts significant rare earth deposits and holds the world's second-largest graphite reserves.

## Alto Paranaíba Rare Earths and Titanium Project Demonstrates High Potential

Atlas Critical Minerals' Alto Paranaíba rare earths and titanium project in Minas Gerais, located in a proven rare earths region, is divided into three exploration blocks for operational efficiency as shown in Figure 1.

Figure 1: Alto Paranaíba Project Exploration Blocks

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Atlas Critical Minerals' 770 surface samples yielded consistently attractive grades, including a sample with 28,870 ppm total rare earth oxides (TREO) and another containing 23.2% titanium dioxide (TiO<sub>2</sub>). Highlight sampling results from Block 3 South are presented in Figure 2.

Figure 2: High-Grade Surface Sampling Results

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## Graphite Project Delivers Outstanding Initial Results

Atlas Critical Minerals' Minas Gerais graphite project achieved strong metallurgical test results, with conventional flotation techniques producing graphite concentrates grading up to 96.6% total graphite carbon. Exploration samples showed graphite carbon grades up to 15.42%.

## Strategic Importance

The strategic importance of securing robust critical minerals supply chains was recently underscored by the U.S. Department of Defense's \$400 million investment in MP Materials, making it the largest shareholder in the U.S. rare earth miner.

Atlas Lithium's strategic stake in Atlas Critical Minerals provides shareholders with direct exposure to the

broader critical minerals sector and strengthens the Company's position within global supply chains for materials vital to energy transition and national security.

"Our focus remains on advancing our flagship Neves lithium project toward production, while our significant stake in Atlas Critical Minerals allows our shareholders to also benefit from exposure to a broader range of critical minerals at a time of heightened geopolitical importance," said Marc Fogassa, Chief Executive Officer and Chairman of Atlas Lithium. "The initial results from Atlas Critical Minerals' rare earths, titanium, and graphite programs are highly encouraging and underscore the strong potential of these assets."

#### About Atlas Lithium Corporation

Atlas Lithium Corporation (NASDAQ: ATIX) is advancing to production its wholly owned hard-rock lithium Neves Project located in the state of Minas Gerais, Brazil. With approximately 539 square kilometers of lithium mineral rights in total, Atlas Lithium owns the largest lithium exploration footprint in Brazil of any publicly listed company. Additionally, Atlas Lithium currently holds an approximate 30% ownership stake in Atlas Critical Minerals Corporation (OTCQB: JUPGF).

#### Safe Harbor Statement

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are based upon the current plans, estimates and projections of Atlas Lithium and its subsidiaries and are subject to inherent risks and uncertainties which could cause actual results to differ from the forward-looking statements. Such statements include, among others, those concerning market and industry segment growth and demand and acceptance of new and existing products; any projections of production, reserves, sales, earnings, revenue, margins or other financial items; any statements of the plans, strategies and objectives of management for future operations; any statements regarding future economic conditions or performance; uncertainties related to conducting business in Brazil, as well as all assumptions, expectations, predictions, intentions or beliefs about future events. Therefore, you should not place undue reliance on these forward-looking statements. The following factors, among others, could cause actual results to differ from those set forth in the forward-looking statements: results from ongoing geotechnical analysis of projects; business conditions in Brazil; general economic conditions, geopolitical events, and regulatory changes; availability of capital; Atlas Lithium's ability to maintain its competitive position; manipulative attempts by short sellers to drive down our stock price; and dependence on key management.

Additional risks related to the Company and its subsidiaries are more fully discussed in the section entitled "Risk Factors" in the Company's Form 10-K filed with the Securities and Exchange Commission (the "SEC") on March 28, 2025. Please also refer to the Company's other filings with the SEC, all of which are available at [www.sec.gov](http://www.sec.gov). In addition, any forward-looking statements represent the Company's views only as of today and should not be relied upon as representing its views as of any subsequent date. The Company explicitly disclaims any obligation to update any forward-looking statements.

Investor Relations  
Gary Guyton  
Vice President, Investor Relations  
+1 (833) 661-7900  
[gary.guyton@atlas-lithium.com](mailto:gary.guyton@atlas-lithium.com)  
<https://www.atlas-lithium.com/>  
@Atlas\_Lithium

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