



# Building U.S. Lithium Capacity in Northern Nevada: Thacker Pass

Citi Basic Materials Conference

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**Lithium**Americas

NYSE and TSX: LAC

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This presentation contains “forward-looking information” within the meaning of applicable Canadian securities legislation, and “forward-looking statements” within the meaning of applicable United States securities legislation (collectively referred to as “forward-looking information” (“**FLI**”)), and readers should read the cautionary notes contained on the slide entitled “Forward-Looking Statements and Information” at the end of this presentation.

## ABOUT THACKER PASS

The Thacker Pass lithium project in Humboldt County, Nevada (“**Thacker Pass**” or the “**Project**”) is indirectly owned by Lithium Nevada Ventures LLC (“**LN**”). LN is a joint venture between the Company, which has a 62% ownership, and General Motors Holdings LLC (“**GM**”), which has a 38% ownership.

Thacker Pass “**Phase 1**” is the initial phase of production, targeting 40,000 tonnes per year (“**t/y**”) of battery-grade lithium carbonate, “**Phase 2**” is a potential second phase of production at Thacker Pass, targeting an additional 40,000 t/y, “**Phase 3**” is a potential third phase of production at Thacker Pass, targeting an additional 40,000 t/y, “**Phase 4**” is a potential fourth phase of production at Thacker Pass, targeting an additional 40,000 t/y, “**Phase 5**” is a potential fifth phase of development adding an additional beneficiation circuit and sulfuric acid plant without an additional lithium carbonate processing plant, for total planned production capacity of 160,000 t/y. At this point, the Company has not approved the development of Phases 2-5.

## NON-GAAP FINANCIAL MEASURES

This presentation contains certain non-GAAP (Generally Accepted Accounting Principles) measures, including EBITDA. Such measures have non-standardized meaning under GAAP and may not be comparable to similar measures used by other issuers. Each of these measures used are intended to provide additional information to the user and should not be considered

in isolation or as a substitute for measures prepared in accordance with IFRS. Non-GAAP financial measures used in this presentation are common to the industry. The prospective non-GAAP financial measures or ratios presented are not able to be reconciled to the nearest comparable measure under U.S. GAAP and the equivalent historical non-GAAP financial measure for the prospective non-GAAP financial measure or ratio discussed herein are not available because the Project is not and has not been in production. As the Company has provided these measures on a forward-looking basis, it is unable to present a quantitative reconciliation to the most directly comparable financial measure calculated and presented in accordance with GAAP without unreasonable efforts. This is due to the inherent difficulty of forecasting the timing or amount of various reconciling items that would impact the most directly comparable forward-looking GAAP measure that have not yet occurred, are outside of the Company’s control and/or cannot be reasonably predicted.

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This presentation also contains or references certain industry data which is based upon information from independent industry publications, market research, analyst reports and surveys and other publicly available sources. Although the Company believes these sources to be generally reliable, such information is subject to interpretation and cannot be verified with complete certainty due to limits on the availability and reliability of raw data, the voluntary nature of the data-gathering process and other inherent limitations and uncertainties. The Company has not independently verified any of the data from third-party sources referred to in this presentation and accordingly, the accuracy and completeness of such data is not guaranteed.

## NI 43-101 and S-K 1300 DISCLOSURE

Scientific and technical information in this presentation has been reviewed and approved by Rene LeBlanc, PhD, the Company’s VP Growth and Product Strategy, and a qualified person under National Instrument 43-101 Standards of Disclosure for Mineral Projects (“**NI 43-101**”) and Subpart 1300

of Regulation S-K (“**S-K 1300**”). Further information about Thacker Pass, including a description of key assumptions, parameters, methods and risks, data verification and QA/QC programs, methods relating to mineral resources and mineral reserves and factors that may affect those estimates are contained in the NI 43-101 technical report of Lithium Americas dated effective December 31, 2024 entitled “NI 43-101 Technical Report on the Thacker Pass Project, Humboldt County, Nevada, USA” (“**Technical Report**”) and the S-K 1300 technical report of Lithium Americas effective December 31, 2024 entitled “S-K 1300 Technical Report Summary on the Thacker Pass Project Humboldt County, Nevada, USA.” (the “**Dec 2024 S-K 1300 Report**” and collectively with the Dec 2024 Technical Report, the “**Reports**”). Readers are cautioned that the conclusions, projections and estimates set out in this presentation with respect to Thacker Pass are subject to important qualifications, assumptions and exclusions, all of which are detailed in this presentation or in the Reports, each of which should be read in their entirety. The Reports are available on the Company’s website, SEDAR+ and EDGAR.

Other than as described in the Company’s Disclosure Documents, there are no known legal, political, environmental or other risks that could materially affect the potential development of the mineral reserves and mineral resources at this point in time.

The mineral resource and mineral reserve estimates contained in this presentation have been prepared in accordance with the requirements of securities laws in effect in Canada, including NI 43-101, which governs Canadian securities law disclosure requirements for mineral properties and in the United States, including S-K 1300.

## ROUNDING

Summation errors due to rounding may exist.

## CURRENCY

All figures presented are in U.S. Dollars unless otherwise noted.

## END NOTES

See End Notes for footer references throughout this presentation.

## PRESENTATION DATE

November 13, 2025

# Thacker Pass Phase 1 Processing Pad Layout



# Overall Construction Progress



# Steel Work to Support Construction of the Processing Plants



Over 90 pipe rack modules will be assembled in Winnemucca at CarWil for installation at site



Steel awaiting installation at the Thacker Pass laydown yard

# Filtration Building

Fabricated automatic filter presses are undergoing factory acceptance testing before being shipped to Thacker Pass



# Countercurrent Decantation

CCD Thickeners are undergoing trial assembling at the manufacturer prior to being shipped to Thacker Pass



Completed central pedestals for the CCD Thickener



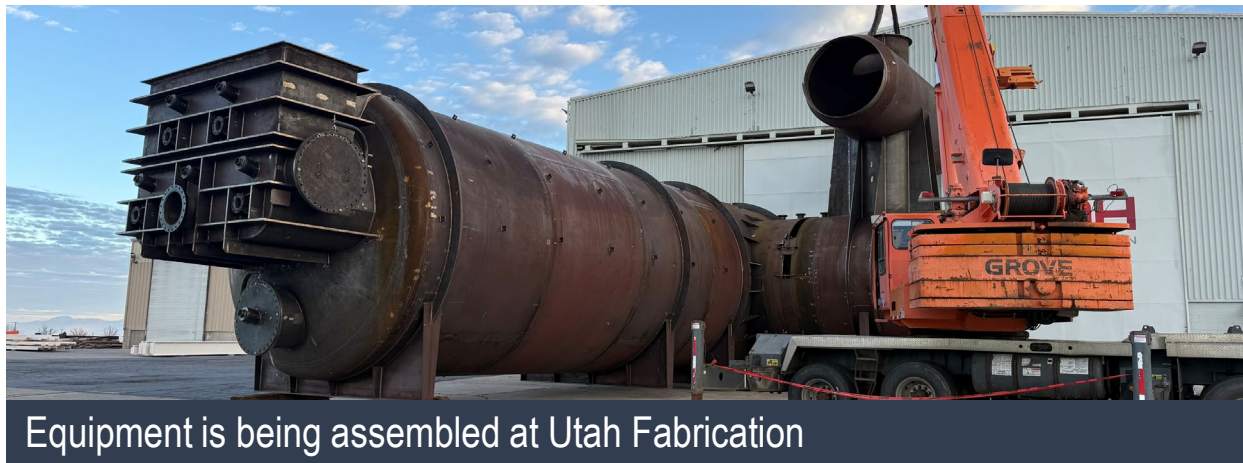
CCD Thickener trial assembly

# Sulfuric Acid Plant

Equipment is sourced and assembled from neighboring Utah



Sulfuric Acid Towers are going vertical



Equipment is being assembled at Utah Fabrication



Inspecting the transition piece that will be installed once it arrives at Thacker Pass

# Steam Turbine Generator

To convert waste steam from the Sulfuric Acid Plant to power the Processing Plant



Foundation prep for the Steam Turbine Generator



Steam Turbine Generator Turbine Housing

# Over 750 Workers at Thacker Pass and 150 Workers at WFH



# Workforce Hub Occupancy Ramp-up for Construction Crew



Over 300 residents, with increased availability above 900 by mid-Dec



Nutritious meals made daily by Target Hospitality



First residents moved in late September 2025



Spacious accommodations with private bathrooms

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## CONTACT INFORMATION

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