CAUTIONARY STATEMENT

ADDITIONAL REFERENCE MATERIALS

This presentation should be read in conjunction with Lithium Americas Corp.’s (“Lithium Americas”, “LAC” or the “Company”) news releases, latest Management Discussion and Analysis and Financial Statements for the year ended December 31, 2021, Technical Reports, Annual Information Form, and Management Information Circular (collectively “Disclosure Documents”), for full details of the information referenced throughout this presentation. These documents are available on the Company’s website at www.lithiumamericas.com or on SEDAR or EDGAR.

This presentation shall not constitute an offer to sell or a solicitation of an offer to purchase securities, and shall not constitute an offer, solicitation or sale in any state or jurisdiction in which or to any person to whom such an offer, solicitation or sale would be unlawful. This presentation includes information on peer companies and other industry and market data. We obtained information from publicly available and other third-party sources as well as the Company’s good faith estimates. While the Company believes the information was prepared by reputable sources, the Company did not independently verify the information or the underlying assumptions. No representation or warranty is made as to accuracy, completeness or reasonableness of such information.

FORWARD-LOOKING STATEMENTS AND INFORMATION

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 slides entitled “Forward Looking Statements and Disclaimer” in the Appendix of this document.

CURRENCY

All figures presented are in US Dollars unless otherwise noted.

NI 43-101 DISCLOSURE

Scientific and technical information in this presentation about the Caucharí-Olaroz Project and the Thacker Pass Project has been reviewed and approved by Rene LeBlanc, PhD, the Company’s Chief Technical Officer and a qualified person under National Instrument 43-101 Standards of Disclosure for Mineral Projects (“NI 43-101”). On the Company’s behalf, Mr. LeBlanc has also reviewed the scientific and technical information in this presentation about the Pastos Grandes Project filed by Millennial Lithium Corp.

Further information about the Caucharí-Olaroz Project, including a description of key assumptions, parameters, methods and risks, is available in the NI 43-101 technical report, “Updated Feasibility Study and Mineral Reserve Estimation to Support 40,000 tpa Lithium Carbonate Production at the Caucharí-Olaroz Salars, Jujuy Province, Argentina” dated effective September 30, 2020 (“Caucharí-Olaroz FS”), available on SEDAR or EDGAR.

Further information about the Thacker Pass Project, including a description of key assumptions, parameters, methods and risks, is available in the NI 43-101 technical report of Lithium Americas dated effective August 1, 2018 entitled “Technical Report on the Pre-Feasibility Study for the Thacker Pass Project, Humboldt County, Nevada, USA” (“Thacker Pass PFS”), and the Mineral Resource estimate news release of October 7, 2021, both available on SEDAR or EDGAR.

Further information about the Pastos Grandes Project, including a description of key assumptions, parameters, methods and risks, is available in the NI 43-101 technical report of Lithium Americas dated effective July 29, 2019 and filed on SEDAR under Millennial Lithium’s reporting profile on September 5, 2019. To the best of the Company’s knowledge, information and belief, there is no new material scientific or technical information about the Pastos Grandes Project that would make the disclosure of the mineral resources or mineral reserves for the project inaccurate or misleading.

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. NI 43-101 may differ from the requirements of the United States Securities and Exchange Commission (“SEC”) that are applicable to domestic United States reporting companies. Any mineral reserves and mineral resources reported by the Company herein may not be comparable with information made public by United States companies subject to the SEC’s reporting and disclosure requirements.
LITHIUM AMERICAS – HIGHLIGHTS
Developing advanced-stage lithium projects in Argentina and the USA

1. Strong balance sheet with approximately $510M\(^1\) in cash and cash equivalents

2. Partnered with Ganfeng Lithium on the targeted 40,000 tpa Cauchari-Olaroz lithium brine project under construction in Argentina

3. Commenced development planning with Ganfeng Lithium on Cauchari-Olaroz Stage 2 expansion targeting at least 20,000 tpa lithium carbonate\(^2\)

4. Advancing Thacker Pass, the largest known lithium resource in the US, with Record of Decision (ROD) issued in 2021 and all key state environmental permits approved

5. Strong growth pipeline with Pastos Grandes\(^3\), Cauchari-Olaroz Stage 2 and Thacker Pass Phase 2

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1. As of December 31, 2021; refer to the Company’s MD&A for the period ended December 31, 2021 for additional details.
2. Refer to the Company’s news release of May 28, 2021 for additional details.
3. Refer to the Company’s news release of January 25, 2022 for additional details.
CAPITAL STRUCTURE

Completed $259M unsecured convertible debt offering in December 2021 and closed the acquisition of Millennial Lithium in January 2022

Trading Symbol
TSX and NYSE: LAC

Shares Outstanding
134.0M

52 Week Range
$11.84 - $41.56

Share Price
$26.87

Average Daily Volume
4.6M

Market Cap
$3.6B

Cash and cash equivalents
$511M

Available Capital from Credit Facilities
$75M

Total Debt
$287M

Research Coverage
- BMO
- B.Riley
- Canaccord Genuity
- Clarksons Platou Securities AS
- Cormark Securities
- Cowen
- Deutsche Bank
- Eight Capital
- HSBC
- iA Capital Markets
- Jefferies
- J.P. Morgan
- Morningstar
- National Bank Financial
- Stifel Canada
- TD Securities
- Tuohy Brothers

All figures in US dollars, unless otherwise noted. Source: Thomson Reuters, Bloomberg, Company Reports

1 As of close on March 16, 2022 on the NYSE.
2 30-day average daily volume traded on TSX and NYSE.
3 Includes interest from Geologic Resource Partners and excludes strategic investment by Ganfeng Lithium.
4 As of January 25, 2022, following the closing of the Millennial Lithium all-share acquisition.
5 As of December 31, 2021; refer to the Company’s MD&A for the period ended December 31, 2021 for additional details.

Largest Shareholders

<table>
<thead>
<tr>
<th>Shareholder</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ganfeng Lithium Management &amp; Directors</td>
<td>11.2%</td>
</tr>
<tr>
<td>Management &amp; Directors</td>
<td>8.6%</td>
</tr>
</tbody>
</table>
SENIOR MANAGEMENT TEAM
Assembled management team with technical, financial and project execution experience in the lithium industry

JONATHAN EVANS
President & CEO
20+ years in management, including head of FMC Corp. Lithium Division

JOHN KANELLITSAS
Executive Vice Chair
25+ years of business / finance experience

EDUARD EPSHTEIN
CFO
20+ years in finance and compliance, previously CFO of Western Lithium

RICHARD GERSPACHER
SVP, Capital Projects
25 years of developing and executing industrial and mining projects, most recently a lithium project in Australia

RENE LEBLANC
CTO
10+ years of lithium process engineering at FMC Corp. and Tesla

IGNACIO CELORRIO
President, Latin America
25+ years in management and international affairs

FRANCO MIGNACCO
President, Minera Exar
Previously Vice Chairman of LAC prior to Western Lithium merger

ALEX ZAWADZKI
President, North America
20+ years of experience in resource development and construction

CARLOS GALLI
Sr. Director, Project Development, Latin America
10+ years leading the development of lithium brine operations in Argentina

JOSE FRANCESCONI
Projects & Technical Services, Latin America
30+ years leading the development and execution of large capital projects

ALEC MEIKLE
VP, Corporate Development
10+ years in investment banking and business development

AUBREE BARNUM
VP, Human Resources
10+ years focused on human resources in municipal and mining

ALEX SHULGA
VP, Finance
10+ years focused on mining audit, assurance and financial reporting

VIRGINIA MORGAN
Sr. Director, IR and ESG
20+ years experience in IR, PR-corporate communication and ESG

TOM BENSON
Manager, Global Exploration
Ph.D. in volcanology from Stanford, internationally acclaimed researcher
LITHIUM PRICES

Lithium carbonate prices have increased to over $60,000/t in China

Lithium Prices
($/tonne, delivered China)

Source: Asian Metal as of March 11, 2022
LITHIUM SUPPLY AND DEMAND

Significant supply gap emerging for lithium as market is expected to grow to over 2 Mt in 2030 and continue growing

Expected lithium demand and supply
(million tonnes of LCE)

Forecasted 2030 Demand:
2.4 Mt of LCE

Includes 31 new expected greenfield projects

Unplanned new supply anticipated, forecasted deficit of over 4 Mt

Source: Benchmark Minerals Q3 2021, projects on care and maintenance included in Brownfield expansions
CAUCHARÍ-OLAROZ, ARGENTINA
Largest lithium carbonate brine operation under construction in over 20 years

- Construction advancing with project approximately 85% complete and commissioning targeted to commence in H2 2022
  - 1,500 workers are on site with 100% of the workforce having received at least two doses of the COVID-19 vaccine¹

- Stage 1 production capacity of 40,000 tpa battery-quality Li₂CO₃*
  - Forecasted project life of 40 years
  - Operating costs estimated at under $3,600 per tonne
  - Assumed long-term price of $12,000 per tonne

- Ganfeng Lithium and Lithium Americas entitled to 51% and 49%, respectively, of production

- Offtake agreements at market prices in place for over 80% of LAC’s share of planned Stage 1 production (Stage 2 fully-uncommitted)

- Stage 2 expansion of at least 20,000 tpa LCE continues to advance with additions to the technical leadership team and drilling program underway

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¹ Refer to the Caucharí-Olaroz Feasibility Study for additional details.

1. As of December 31, 2021; refer to the Company’s MD&A for the period ended December 31, 2021 for additional details.

2. Non-IFRS Financial Measure. Assuming a long-term lithium carbonate pricing of $12,000 per tonne
CAUCHARÍ-OLAROZ PROCESSING PLANT – AERIAL VIEW

Click here to view the Mar’22 construction video update

**Step 1** – reduces boron to <10ppm concentration

**Step 2** – reduces boron to <10ppm concentration

**Step 3** – further removal of NaCl and KCl salts

**Step 4** – produces single-crystal high quality Li₂CO₃

- **SX Plant**
- **Soda Ash Storage**
- **Finished Product Storage**

**KCl Crystallizer**

- **Micronizer Dryer**
  - Removes the remaining water before packaging

**Purification**

- **Lithium Carbonization Plant**
  - Produces single-crystal high quality Li₂CO₃

Li₂CO₃ packaged into large bags

Removes the remaining water before packaging

Reagent storage facility

Li₂CO₃ packaged into large bags
CAUCHARÍ-OLAROZ CONSTRUCTION UPDATE

Construction continues to advance on Stage 1 with commissioning targeted to commence in H2 2022

- **Total capital cost estimates have been revised to $741 million** (on a 100% basis)
  - Up 16% from $641 million to reflect additional resources and manpower, engineering modifications and inflationary cost pressures
  - As of Dec 31, 2021, 76% or $565 million of the $741 million budget has been spent, with majority of the remaining budget committed

- **Project approximately 85% complete and commissioning targeted to commence in H2 2022**
  - Experienced senior members of Ganfeng Lithium’s commissioning and construction team at site to assist through to start-up
  - All major equipment and majority of bulk materials are on site
  - Infrastructure complete: access roads and platforms for the wells, warehouse buildings, gas pipeline, lime plant, 33 kV power line and the 13.2 kV distribution line
  - Water pipeline construction >97% complete, SX and SSL plants are >80% complete, KCl plant ~65% complete

- Solar evaporation ponds are well advanced with significant brine in inventory
**CAUCHARÍ-OLAROZ CONSTRUCTION SCHEDULE**

Construction activities continue to advance with commissioning targeted to commence H2 2022

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 ktpa Stage 1 increased to 40 ktpa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Started pond construction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Commenced detailed engineering</td>
<td></td>
<td></td>
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<tr>
<td>Expansion of camp</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drilling campaign</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Early works construction</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>LAC and Ganfeng enter a new 52.5/37.5 JV</td>
<td></td>
<td></td>
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<tr>
<td>Started filling ponds</td>
<td></td>
<td></td>
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<tr>
<td>Detailed engineering for the processing plant completed</td>
<td></td>
<td></td>
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<tr>
<td>2017-2022 Closing of 51/49 JV Transaction</td>
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<tr>
<td>51/49 JV Transaction announced</td>
<td></td>
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<td></td>
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<tr>
<td>Capex revised to $741M²</td>
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<tr>
<td>Stage 1 commissioning (expected)</td>
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<tr>
<td>Stage 2 construction expected to commence¹</td>
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</tr>
</tbody>
</table>

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1. For additional details, refer to the Company’s news release of May 28, 2021.
2. Capex revised to reflect additional resources and manpower, engineering modifications and inflationary cost pressures. See the Company’s news release of March 16, 2022 for full details.

For more information, please see technical report titled “Updated Feasibility Study and Reserve Estimation to Support 40,000 TPA Lithium Carbonate Production at Cauchari-Olaroz Salars, Jujuy Province, Argentina” and MD&A for the period ended September 30, 2021, available on Lithium Americas’ SEDAR and EDGAR profiles.
ARGENTINA GROWTH STRATEGY

LAC and Ganfeng Lithium have begun planning for a Cauchari-Olaroz Stage 2 expansion beyond initial 40,000 tpa LCE

Organic Growth

- Targeting Cauchari-Olaroz Stage 2 development parameters including:
  - Production capacity of at least 20,000 tpa LCE
  - Construction expected to commence following completion of Stage 1
  - Construction to involve infrastructure additions to support long-term expansions beyond Stage 2

Regional Growth Opportunities

- In July 2021, LAC made a strategic investment in Arena Minerals (TSX-V: AN), an exploration-stage company focused on developing resources in Argentina, and in November 2021, LAC increased its strategic interest to 17.4% for $10 million
  - Arena’s primary exploration asset is adjacent to LAC’s Pastos Grandes project
- On January 25, 2022, LAC completed acquisition of Millennial Lithium and their 100%-owned advanced-stage Pastos Grandes project, ~100 km from Cauchari-Olaroz for total consideration of ~$400 million
- In February 2022, LAC hired Carlos Galli as Senior Director, Project Development, Latin America, to oversee the development planning of regional growth opportunities
Location and size: Located in Argentina’s lithium triangle in Salta province, 231 km from Salta
- ~100 km from Cauchari-Olaroz, highly complementary project and represents regional growth
- Covers over 12,600 hectares at 3,800 m elevation
- Resource of 4.1 million tonnes of LCE at 427 ppm Li (M&I)¹

Infrastructure: Easily accessible infrastructure
- Accessible year round via paved highway and dirt roads from Salta
- 600 MW, 375 kilovolt power line between Salta and Chile passes by 53 km to the north
- Natural gas pipeline passes through 26 km to the northwest

Investment: Over C$40 million invested by Millennial Lithium
- Exploration and development work by Millennial included 22 exploration/monitoring wells, 4 pumping test production wells, pilot ponds, a pilot plant as well as a year-round camp supported by a hybrid solar power system

Stage: Feasibility study completed and EIA permit received
- Millennial Lithium completed a feasibility study in 2019 based on forecasted 24,000 tpa battery-quality Li₂CO₃ production over 40 year mine life
- Environmental Impact Assessment-Exploitation for construction and operation permit were approved in mid-2020

Strong Community Relations: Actively engaging with local community
- Completed a community center and fresh water well to provide clean water in nearest community Pastos Grandes Village, where on-site workers reside

¹. Refer to page 23 of this Presentation for additional details
THACKER PASS, NEVADA

Developing the largest-known lithium resource in the United States

- 100% owned by Lithium Americas with offtake rights uncommitted
- Record of Decision (ROD) issued in January 2021 with final construction decision subject to conclusion of ongoing appeal; ruling expected in Q3 2022
- All key state environmental permits issued by the Nevada Division of Environmental Protection (Water Pollution Control, Class II Air Quality Operating and Mine Reclamation) in Q1 2022
- Early-works construction expected to commence in 2022, includes site access and preparation, water line and additional infrastructure
- Draft loan application to the US Department of Energy (DOE) submitted through the Advanced Technologies Vehicle Manufacturing Loan Program
- Feasibility Study results expected in H2 2022, targeting 40 ktpa Li$_2$CO$_3$ capacity (Phase 1) and incorporating Phase 2 expansion scenario for total capacity of 80 ktpa Li$_2$CO$_3$
- Capital and operating cost estimates are being updated to incorporate increased scale, additional processing and related infrastructure changes and the results of engineering and testing, as well as to account for external factors such as inflationary pressures and supply chain considerations
- Lithium Technical Development Center in Reno to test ongoing optimization work and support increased scale expected to be operational in H1 2022
- Environmental impact analysis underway to determine overall CO$_2$ footprint and water impact
- Discussions continue with strategic partners and customers
Since 2008, we have worked to minimize the expected environmental footprint of Thacker Pass beyond what is required by regulatory standards:

- Planned block mining with filtered dry-stacked tailings to backfill the pit for active reclamation.
- Shallow open pit (less than 400 feet deep) designed with a forecasted low strip ratio.
- Mineralized soft clay, minimal blasting expected.
- Mine plan optimized to target expanded production capacity within same mining footprint as permitted pit boundary.
- Expected to consume less than 1% of the total water pumped from wells in Humboldt County.
- Water recycling planned in a close-loop system.
- State-of-the-art emissions control systems included in design.
- ~45 MW of carbon-free power from the 3,000 tpd sulfuric acid plant as a primary planned power source.
## THACKER PASS PLANNED DEVELOPMENT SCHEDULE

ROD received in January 2021 and all key state environmental permits approved for construction start

<table>
<thead>
<tr>
<th>Year</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
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<tbody>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Completed 2017 Exploration Program</td>
<td>Process Testing Facility completed</td>
<td>BLM NEPA Baseline Studies Complete</td>
<td>Commenced engineering design towards construction</td>
<td>ROD issued</td>
<td>Updated resource estimate to 13.7 Mt LCE*</td>
<td>Early-works construction expected to begin in 2022</td>
</tr>
<tr>
<td></td>
<td>Completed Process testing. Initiated baseline surveys</td>
<td>Completed PFS</td>
<td>Nevada Tax Abatements granted</td>
<td>Final EIS released</td>
<td>All key state environmental permits issued</td>
<td>Submitted draft loan application to US DOE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Updated resource estimate to 8 Mt LCE*</td>
<td>Completed 2018 exploration program</td>
<td>Final Plan of Operation Deemed Completed by BLM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


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* LCE: Lithium Carbonate Equivalent
**THACKER PASS – HIGHLIGHTS**

**Stage:** One of the most advanced lithium projects currently known to be under development in the USA
- Over 10 years of development, over $100M invested, Record of Decision issued and key state environmental permits approved for construction start

**Scale:** Large, scalable, high-quality resource indicated
- Resource of 13.7M tonnes of LCE at 2,231 ppm Li (M&I)¹

**Infrastructure:** Nearby infrastructure in place
- Adjacent to paved highway, access to transmission line, nearby rail (~100 km), water rights secured for first phase

**Environmental Stewardship:** Going beyond the regulatory requirements
- Designed to be a low carbon, low water source of lithium

**Location:** Nevada is a mining friendly state with community, state and federal support
- Operations will be located south of the Montana Mountains to avoid disturbing sensitive ecological areas

**Community Engagement:** Actively engaging with local tribal and community members
- Participant in the Negotiating Work Group along with select members of the Thacker Pass Concerned Citizens Group to develop agreements and community buy-in to guide construction and operations

---

¹ Refer to page 22 of this Presentation for additional details

Located in Nevada, Thacker Pass provides an opportunity to enable a US-based battery supply chain for the growing electric vehicle market
FOCUSED ON EXECUTION

1. Advancing Cauchari-Olaroz towards production with commissioning expected to commence in H2 2022

2. Strong balance sheet to develop Thacker Pass and bring Cauchari-Olaroz into production

3. Strategic partnership in Argentina bringing deep knowledge and lithium operating expertise

4. Opportunity to enable a US-based lithium supply chain with the development of Thacker Pass, the largest-known lithium deposit in the US

5. Growth pipeline developed with expansion potential at Cauchari-Olaroz and Thacker Pass and the recently acquired Pastos Grandes project
BOARD OF DIRECTORS

Lithium Americas is focused on reaching production and maximizing shareholder value

**Diverse industry experience**
- Background in mining, finance and lithium
- Nine diverse members, of which six are independent and two are women

**Pursuing a lower-risk approach to development**
- Partnered with Ganfeng Lithium on Caucharí-Olaroz to leverage their technical expertise processing brine and producing battery-quality products

**Closely aligned with shareholders**
- Management and board of directors, including Ganfeng Lithium, hold ~20% of outstanding LAC common shares

**GEORGE IRELAND, Board Chair**
35 years of experience in the resource sectors
Founder, CIO, and PM at Geologic Resource Partners

**FABIANA CHUBBS**
Former CFO of Eldorado Gold, BA and BBA from University of Buenos Aires and CPA, CA

**KELVIN DUSHNISKY**
Over 25 years of global mining experience, former CEO of Anglo Gold Ashanti and President of Barrick Gold, MSc and Juris Doctor degree from UBC and member of the Law Society of BC

**JONATHAN EVANS**
Over 20 years in management; former head of FMC Corp. Lithium Division, MSc in Business Management from Rensselaer Polytechnic Institute

**DR. YUAN GAO**
Former President and CEO of Pulead Technology
PhD from University of British Columbia (UBC)

**JOHN KANELLITSA**
Over 25 years of business / finance experience
MBA from the University of California, Los Angeles

**JINHEE MAGIE**
Over 25 years of public company experience; current CFO and SVP at Lundin Mining
BComm from University of Toronto and CPA, CA

**FRANCO MIGNACCO**
Previously Vice Chairman of LAC prior to Western Lithium merger, MBA from San Andres University and honours mining degree from Universidad Austral

**WANG XIAOSHEN**
Vice Chairman and EVP of Ganfeng Lithium
MBA from China Europe International Business
### RESOURCE AND RESERVE SUMMARY

**Caucharí-Olaroz (100% basis)**

<table>
<thead>
<tr>
<th>Caucharí-Olaroz (100% basis)</th>
<th>Drainable Brine Volume (m³)</th>
<th>Average Li Concentration (mg/L)</th>
<th>Lithium Metal (000 t)</th>
<th>LCE³,⁴ (000 t)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mineral Reserves¹,⁵ – May 2019</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proven Reserves (Years 0-5)</td>
<td>156,875,201</td>
<td>616</td>
<td>51.9</td>
<td>276</td>
</tr>
<tr>
<td>Probable Reserves (Years 6-40)</td>
<td>967,767,934</td>
<td>606</td>
<td>314.8</td>
<td>1,676</td>
</tr>
<tr>
<td><strong>TOTAL (40 years)</strong></td>
<td>1,124,643,135</td>
<td>607</td>
<td>366.7</td>
<td>1,952</td>
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<tr>
<td><strong>Mineral Resources² – May 2019</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measured</td>
<td>1.1 E+09</td>
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<td>667.8</td>
<td>3,555</td>
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<tr>
<td>Indicated</td>
<td>5.2 E+09</td>
<td>592</td>
<td>3,061.9</td>
<td>16,298</td>
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<tr>
<td>Measured &amp; Indicated</td>
<td>6.3 E+09</td>
<td>592</td>
<td>3,729.7</td>
<td>19,853</td>
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<tr>
<td>Inferred</td>
<td>1.5 E+09</td>
<td>592</td>
<td>887.3</td>
<td>4,723</td>
</tr>
</tbody>
</table>

1. The Mineral Reserve Estimate has an effective date of May 7, 2019 and assumes a 53.7% processing efficiency.
2. The Mineral Resource estimate has an effective date of May 7, 2019 and is expressed relative to the Mineral Resource evaluation area and a lithium grade cut-off of greater than or equal to 300 mg/L.
3. LCE is calculated using mass of LCE = 5.322785 multiplied by the mass of Lithium Metal.
4. The values in the columns for “Lithium Metal” and “LCE” above are expressed as total contained metals.
5. The Production Period is inclusive of the start of the model simulation (Year 0).
6. The average lithium concentration is weighted by per well simulated extraction rates.
7. Tonnage is rounded to the nearest 10. Rounding errors may exist.
8. Comparisons of values may not be equivalent due to rounding of numbers and the differences caused by use of averaging methods.
9. Detailed scientific and technical information on the Cauchari-Olaroz project can be found in the NI 43-101 technical report titled “Updated Feasibility Study and Reserve Estimation to Support 40,000 TPA Lithium Carbonate Production at Cauchari-Olaroz Salars, Jujuy Province, Argentina” that was filed with the securities regulatory authorities in each of the provinces of Canada on October 19, 2020 and on EDGAR on October 20, 2020.
## RESOURCE AND RESERVE SUMMARY

**Thacker Pass (100% basis)**

<table>
<thead>
<tr>
<th>Thacker Pass (100% basis)</th>
<th>Tonnage (000 t)</th>
<th>Average Li (ppm)</th>
<th>Li Cut-off (ppm)</th>
<th>LCE (000 t)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Proven and Probable Reserves</strong>&lt;sup&gt;1,2,3,4,5,8,9&lt;/sup&gt; – effective date August 1, 2018</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proven Reserves</td>
<td>133,944</td>
<td>3,308</td>
<td>2,500</td>
<td>2,358</td>
</tr>
<tr>
<td>Probable Reserves</td>
<td>45,478</td>
<td>3,210</td>
<td>2,500</td>
<td>777</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>179,422</strong></td>
<td><strong>3,283</strong></td>
<td><strong>2,500</strong></td>
<td><strong>589</strong></td>
</tr>
<tr>
<td><strong>Mineral Resource</strong>&lt;sup&gt;1,3,4,5,6,7,8,9&lt;/sup&gt; – effective date October 7, 2021</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measured Resources</td>
<td>654.2</td>
<td>2,356</td>
<td>1,334</td>
<td>3,800</td>
</tr>
<tr>
<td>Indicated Resources</td>
<td>449.4</td>
<td>2,067</td>
<td>1,334</td>
<td>2,182</td>
</tr>
<tr>
<td>Measured &amp; Indicated</td>
<td><strong>1,153.6</strong></td>
<td><strong>2,231</strong></td>
<td><strong>1,334</strong></td>
<td><strong>5,982</strong></td>
</tr>
<tr>
<td>Inferred Resources</td>
<td>391.6</td>
<td>2,112</td>
<td>1,334</td>
<td>2,301</td>
</tr>
</tbody>
</table>

1. The Qualified Person who supervised the preparation of and approved disclosure for the estimate is Randal Burns, B.Sc.Geology and SME, VP Exploration at Lithium Nevada Corp., a wholly owned subsidiary of Lithium Americas.
2. Mineral Reserves are defined at the point where the ore is delivered to the processing plant. Reductions attributed to plant losses have not been included. Reserves are presented at a 2,500 ppm Li cut-off grade.
3. The conversion factor for lithium metal (100%) to LCE is 5.323.
4. Applied density for the ore is 1.79 tonne/m³.
5. All tonnages are presented on a dry basis.
6. The Mineral Resource estimate has an effective date of October 7, 2019, refer to the Company’s news release for full details.
7. Mineral Resources are presented at a 1,334 ppm Li cut-off grade. Mineral Resources are reported using an economic break-even calculation formula: *Operating Cost per Resource Tonne*\(^{*}\)/*Price per Recovered Tonne Lithium*\(^{*}\) = 10\(^{*}\) = ppm Li Cut-off. \(*Operating Cost per Resource Tonne*\(^{*}\) = US$58.58, *Price per Recovered Tonne Lithium* is calculated: (*LCE Price* * 5.32 * (1 - *Royalties*) * *Recovery*). Variables are *LCE Price* = US$12,000/tonne Li₂CO₃, *Royalties* = 1.75% and *Recovery* = 70%. A resource economical pit shell has been derived from performing a pit optimization calculation using Vulcan software. Data from 366 drill holes was used to develop a geological model for development of the Resource Estimate. The geological model encoded all relevant lithologies, with the clay-horizon being the sole mineralized horizon and other lithologies (alluvium, basalt, rhyolite) being barren. In addition, seven major fault blocks were encoded within the model.
8. Detailed scientific and technical information on the Thacker Pass project can be found in the NI 43-101 “Technical Report on the Pre-Feasibility Study for the Thacker Pass Project, Humboldt County, Nevada, USA” effective August 1, 2018 available on SEDAR and EDGAR.
9. Rounding errors may exist.
## RESOURCE AND RESERVE SUMMARY

Pastos Grandes (100% basis)

<table>
<thead>
<tr>
<th>Pastos Grandes (100% basis)</th>
<th>Brine Volume (m³)</th>
<th>Average Li Concentration (mg/L)</th>
<th>Lithium Metal (000 t)</th>
<th>LCE (000 t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Reserves¹,²,³,⁴</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proven Reserves (Years 1-8 (8 years))</td>
<td>128,666,876</td>
<td>470</td>
<td>34</td>
<td>179</td>
</tr>
<tr>
<td>Probable Reserves (Years 9-40 (32 years))</td>
<td>605,491,174</td>
<td>431</td>
<td>143</td>
<td>764</td>
</tr>
<tr>
<td>TOTAL (40 years)</td>
<td>734,158,050</td>
<td>439</td>
<td>177</td>
<td>943</td>
</tr>
<tr>
<td>Mineral Resources¹,⁵</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measured</td>
<td>9.5E+08</td>
<td>446</td>
<td>425</td>
<td>2,262</td>
</tr>
<tr>
<td>Indicated</td>
<td>8.6E+08</td>
<td>406</td>
<td>349</td>
<td>1,858</td>
</tr>
<tr>
<td>Measured &amp; Indicated</td>
<td>1.8E+09</td>
<td>427</td>
<td>774</td>
<td>4,120</td>
</tr>
<tr>
<td>Inferred</td>
<td>3.5E+08</td>
<td>428</td>
<td>150</td>
<td>798</td>
</tr>
</tbody>
</table>

2. The processing efficiency corresponds to 56% from the start through year 6 (Stage 1), and 55% from years 7 through years 40 (Stage 2).
3. The values in the columns for “Lithium Metal” and “LCE” are expressed as total contained metals.
4. The average lithium concentration is weighted by per well simulated extraction rates.
5. The Mineral Resource Estimate has a lithium cut-off grade of greater than or equal to 300 mg/L.
6. Lithium carbonate equivalent (LCE) is calculated using mass of LCE = 5.3228 multiplied by the mass of lithium metal.
7. Tonnages are rounded to the nearest thousand, totals may not sum correctly due to rounding.
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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")). All statements, other than statements of historical fact, are FLI and can be identified by the use of statements that include, but is not limited to, words, such as "anticipates", "plans", "continues", "estimates", "expects", "may", "will", "projects", "predicts", "proposes", "potential", "target", "implement", "scheduled", "intends", "could", "might", "should", "believe" and similar words or expressions. FLI in this presentation includes, but is not limited to: management’s expectations regarding its business and plans for the development of its projects; successful development of the Cauchari-Olaroz, Pastos Grandes and Thacker Pass projects (collectively, the “Company’s Projects”), including anticipated timing, progress, partnerships, construction, milestones, rates, grades, capacity, production type and product quality; expected production and product quality; agreements with third parties, including offtake agreements; future expansion plans for the Cauchari-Olaroz project, including anticipated scale of the expansion and timing for construction, production and to achieve certain milestones therefrom; statements regarding expected synergies between Cauchari-Olaroz and Pastos Grandes, and plans for regional growth in Argentina; expected timing and extent of plans to advance the Pastos Grandes project; expected timing to develop and start-up a pilot plant, complete a feasibility study for the Thacker Pass project and results thereof, begin early-works and the extent thereof, receive remaining permits, for litigation rulings to be made, and to complete environmental and other studies; the outcome of the Company’s loan application filed with the DOE; expected potential benefits of the Thacker Pass project for creation of a battery supply chain in the United States in the near-term; statements regarding anticipated decision making with respect to any of the Company’s Projects; expectations regarding capital costs and the timing associated with bringing the Thacker Pass, Pastos Grandes and Cauchari-Olaroz projects online, and the risk that capital costs could increase or timing could change which may impact operational forecasts; expectations regarding operations at the Company’s Projects; plans relating to extraction methods at the Company’s Projects; expectations regarding the impact of the COVID-19 outbreak on the health and safety of the workforce for any of the Company’s Projects, including anticipated vaccination timelines; anticipated effects of COVID-19 on the Company’s Projects under development generally, COVID-19 protocols at the Company’s Projects and their efficacy, and impacts on project timelines and budgets; the expected environmental benefits and impacts of project designs, including the use of “state of the art technology” which when used in this presentation characterizes the technology as of the date of selection of such alternative; expectations regarding government and community support for the Company’s Projects; the Company’s ability to successfully fund, or remain fully funded for the development of any of its projects, and the means by which such funding will occur; plans regarding strategic alternatives to finance the Thacker Pass project including a potential separation or other form of restructuring transaction involving any of the Company’s projects and the expected benefits of any such transaction; the accuracy of estimates of mineral resources (including in relation to the expected benefits of project design and processes, and the extent and sufficiency of water rights for any of the Company’s Projects); whether mineral resources can ever be converted into mineral reserves; schedule and budget forecasts for construction of the Company’s Projects; forecasts for future lithium market demand and pricing, operating cost curves associated with the Company’s Projects; government regulation of mining operations; forward-looking financial information and pro forma capitalization; the successful integration of Millennial Lithium’s operations into the Company’s operations; changes to the Company’s current and future business plans and the strategic alternatives available to the Company; stock market conditions generally; demand, supply and pricing for lithium; general economic and political conditions in Argentina and other jurisdictions where the Company conducts business; and treatment under government, currency control and taxation regimes.

FLI involves known and unknown risks, assumptions and other factors that may cause actual results or performance to differ materially. This FLI reflects the Company’s current views about future events, and while considered reasonable by the Company as of the date of this presentation, are inherently subject to significant uncertainties and contingencies. Accordingly, there can be no certainty that they will accurately reflect actual results. Assumptions upon which such FLI is based include, without limitation: current technological trends; successfully operating under co-ownership structures and maintaining cordial business relationships with strategic partners, including Ganfeng Lithium and Arena Minerals, and project partners such as North American Coal; the Company’s ability to successfully close merger and acquisition transactions and integrate acquired companies, including Millennial Lithium; the Company’s ability to fund, advance and develop its projects, including results therefrom and timing thereof; uncertainties relating to receiving and maintaining mining, exploration, environmental and other permits or approvals in Nevada and Argentina, and the expected outcome of any complaints or claims made or that could be made concerning the environmental permitting process in the United States for the Thacker Pass project; the ability to operate in a safe and effective manner; any unforeseen impacts of COVID-19; the demand and supply for lithium; impact of increasing competition in the lithium business, including the Company’s competitive position in the industry; general economic conditions, including in relation to currency controls and interest rate fluctuations; the feasibility and costs of proposed project designs and plans; stability and support of legislative, regulatory and local communities in the jurisdictions where the Company operates; estimates of and changes to market prices for lithium and commodities; exploration, development and construction costs for each of the Company’s Projects; estimates of mineral resources and mineral reserves, including whether mineral resources will ever be developed into mineral reserves; and in relation to comparables; reliability of technical data, anticipated timing and results of exploration, development and construction activities; timely responses from governmental agencies responsible for reviewing and considering the Company’s permitting activities at its projects, and the timely resolution of any litigation concerning the Company’s projects; approval of pending patents; process and engineering optimization work currently underway and preparation for a feasibility study for the Thacker Pass project to make a construction decision for the Thacker Pass project including capital and operating cost estimates; the ability to achieve commercial production at any of the Company’s Projects; and accuracy of budget and construction estimates.

(continued next slide)
FORWARD-LOOKING STATEMENTS AND DISCLAIMERS

The Company's actual results, programs and financial position could differ materially from those anticipated in such FLI as a result of numerous factors, risks and uncertainties, many of which are beyond Lithium Americas' control. These include, but are not limited to: none of the projects may be developed as planned; uncertainty as to whether production will commence at any of the projects; cost-overruns; market prices affecting development of the projects; risks associated with co-ownership arrangements; the failure of parties to contracts with the Company to perform as agreed; the availability and ability to secure adequate financing and on favorable terms; risks to the growth of the lithium markets; lithium prices; inability to obtain or maintain required governmental permits; any limitations on operations imposed by governments in the jurisdictions where we operate; technology risk; social or labor unrest; risks relating to general economic conditions; inability to achieve and manage expected growth; changes in public perception concerning mining projects generally; political risk associated with foreign operations, including co-ownership arrangements with foreign domiciled partners; emerging and developing market risks; risks associated with not having production experience; operational risks; changes in government regulations, including currency controls; changes in environmental or regulatory requirements; failure to obtain or maintain necessary licenses, permits or approvals; whether the Company is able to successfully monetize any increase in off-take from any increased development plan, and the expected benefits from prior and future transactions and borrowings; the addition of further debt on the Company's balance sheet; opposition to development of the Company's mineral properties; the outcome of any litigation concerning the Company’s mineral properties; risks associated with COVID-19; insurance risk; receipt and security of mineral property titles and mineral tenure risk; changes in project parameters; uncertainties associated with estimating mineral resources and mineral reserves, including uncertainties regarding assumptions underlying such estimates; whether mineral resources will ever be converted into mineral reserves; geological, technical, drilling or processing problems; health and safety risks; unanticipated results; unpredictable weather; unanticipated delays; reduction in demand for lithium; inability to generate profitable operations; restrictive covenants in debt instruments; intellectual property risks; dependency on key personnel; workforce, supply and equipment availability; pandemic-induced inflationary pressures; currency and interest rate fluctuations; and volatility in general market and industry conditions. The foregoing list of risks, assumptions and uncertainties associated with FLI is not exhaustive.

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