



CENTURY LITHIUM

Unleashing the Energy of Tomorrow

Corporate Presentation

MAY 2026

Cautionary Statement

TECHNICAL INFORMATION

Scientific and technical information in this presentation about Angel Island (formerly the Clayton Valley Lithium Project) was reviewed and approved by Daniel Kalmbach, CPG Century Lithium Corp.'s Manager, Geology and Technical Services and a qualified person under National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI 43-101). Further information about Angel Island, including a description of the key assumptions, parameters, description of sampling methods, 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 news release dated Feb 23, 2026 Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada, available on SEDAR+ and on the Company's website.

The Mineral Resource and Mineral Reserve estimates contained in this presentation were 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 differs significantly 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.

ADDITIONAL REFERENCE MATERIALS

This presentation should be read in conjunction with Century Lithium Corp's news releases, latest Management Discussion and Analysis and Financial Statements for the 9 Months Ended September 30, 2025, Technical Reports, Annual Information Form, and Management Information Circular, for full details of the information referenced throughout this presentation. These documents are available on the Company's website at centurylithium.com or on the Company's profile at www.sedarplus.com.

FORWARD LOOKING STATEMENTS

This presentation contains certain forward-looking statements within the meaning of applicable Canadian securities legislation. In certain cases, forward-looking statements can be identified with words such as "plans", "expects", "does not anticipate", "believes" or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might", "will be taken", "occur", "be achieved" and similar expressions suggesting future outcomes or statements regarding an outlook. Forward-looking statements relate to any matters that are not historical facts and statements of our beliefs, intentions and expectations about developments, results and events which will or may occur in the future, without limitation, statements with respect to the potential development and value of Angel Island and benefits associated therewith, statements with respect to the expected project economics for Angel Island, such as estimates of life of mine, lithium prices, production and recoveries, capital and operating costs, IRR, NPV and cash flows, any projections outlined in the Feasibility Study in respect of Angel Island, the permitting status of Angel Island and the Company's future development plans.



Share & Trading Information

TSX.V: **LCE** | OTCQX: **CYDVF**

Issued & Outstanding	180.5 M
Warrants	31.6 M
Options & DSU	14.3 M
Fully Diluted	226.5 M
Market Capitalization	~\$70 M
Cash Position*	~\$12.3 M
TSX.V 52 Week High – Low	\$0.75 – \$0.23
OTCQX 52 Week High – Low	US\$ 0.57 – \$0.16

Share Structure as at May 1st, 2026

* Cash position as at FY 2025 (~\$5.3M) and LIFE offering Mar 16, 2026 (\$7M)

ANALYST COVERAGE

Alliance Global Partners

Jake Sekelsky

Noble Capital Markets

Mark L. Reichman

Hallgarten & Company

Christopher Ecclestone



Investment Highlights



ADVANCED STAGE

- After-Tax NPV (8%): \$4.01 B & IRR: 27.4 %
- Low Operating Costs: \$4,389/t LCE
- 2026 Feasibility Study: Supports a 2-phase development plan
- End-to-End Lithium Production: From extraction to final product



PROVEN & INNOVATIVE TECHNOLOGY

- Patent-pending process integrating alkaline leaching with advanced Direct Lithium Extraction (DLE)
- Demonstration Plant Validated - now in fourth year of continuous R&D
- Consistent Production of battery-grade Li_2CO_3



KEY MILESTONES

- Feasibility Study Updated: Feb 2026
- NaOH Offtake Agreement: MOU with Orica Specialty Mining Chemicals
- Water Rights: Clayton Valley Basin permit secured
- Regulatory Progress: FAST-41 Transparency Status achieved



DEMONSTRATION PLANT RESULTS

- Exceeds Industry Specs: Battery-grade Li_2CO_3 consistently above 99.5 %
- EV-Ready Quality: Meets standards for electric vehicle battery use
- Proven Consistency: Repeated production of high-purity Li_2CO_3 and LiOH

*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada



U.S. Government & Accelerated Mineral Production

Executive Order ***Immediate Measures to Increase American Mineral Production**** issued on March 20, 2025

- Intends to “**facilitate domestic mineral production to the maximum extent possible**” by
 - “immediately” approving existing plans of operation or other applications within an agency’s authority
 - compiling a list of projects to be considered under the FAST-41 program
 - preparing recommendations to clarify treatment of “waste rock, tailings, and mine waste disposal” under the 1872 Mining Laws (re: Rosemont Copper decision)
- Provides for **considerably broader possibilities for project financing/funding to facilitate all facets of mineral production** (defined as “mining, processing, refining, and smelting” under this EO)



*Note: www.whitehouse.gov/presidential-actions/2025/03/immediate-measures-to-increase-american-mineral-production



Angel Island Project Added to FAST-41 Transparency Status



- On August 1st, 2025, the Federal Permitting Improvement Steering Council (Permitting Council) announced the addition of Angel Island Lithium Project to FAST-41 transparency status.
- Inclusion to FAST-41 increases the Project's exposure to federal agencies and stakeholders to accelerate the permitting process.

"I am excited to welcome Century Lithium Corporation's Angel Island Project to FAST-41 Transparency Status", said Emily Domenech, Executive Director of the Federal Permitting Improvement Steering. "This Administration has made it a top priority to utilize the Transparency Dashboard and advance projects such as Angel Island, where they will be mining some of the largest sedimentary lithium deposits in the country. I look forward to working with Century Lithium to promote this new era of American energy dominance."

* For more information, please see Century Lithium's Aug 6, 2025, news release or go to the Federal Permitting Dashboard at www.permits.performance.gov



Angel Island – Overview

Nevada

Tier 1 jurisdiction for mining

100% owned

Billion tonne lithium clay resource on Federal US mining claims

Access

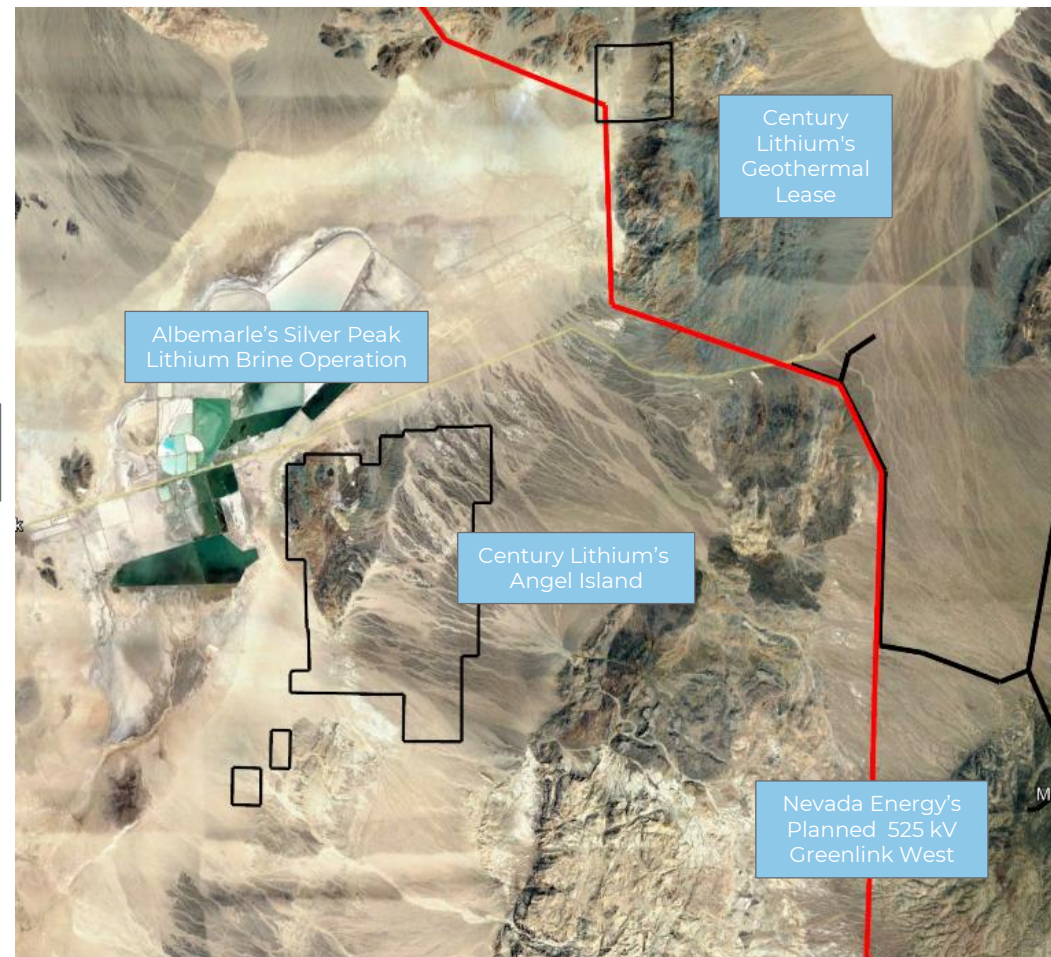
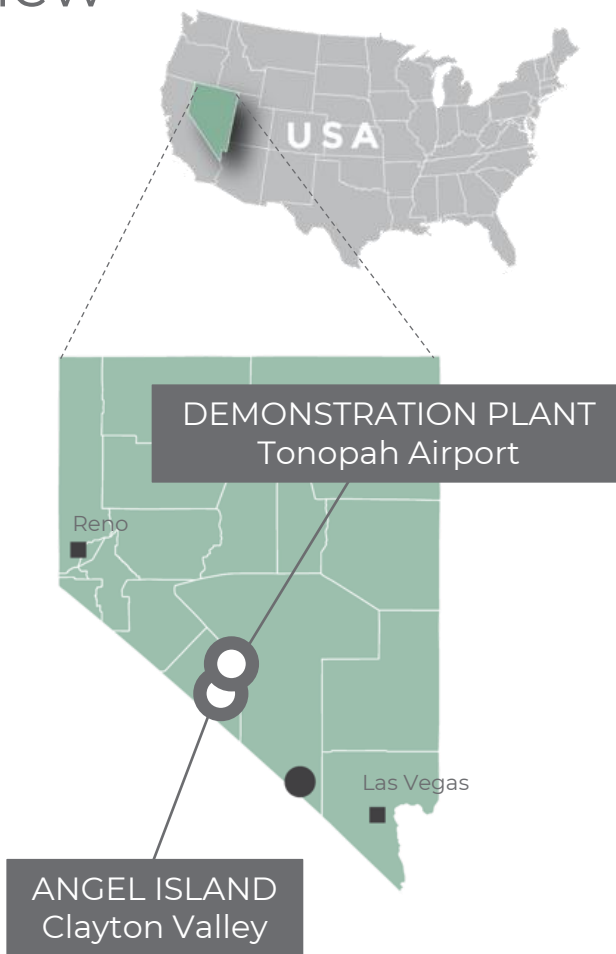
In a chloride basin adjoining Silver Peak, an established producer of lithium brine

Water

Own water rights permit 1,770 acre-feet/year

Power

Adjacent to Greenlink West, a planned 525 KV power corridor



Angel Island – Clayton Valley



NE project looking SW
outcropping lithium-bearing claystone



Central project looking NW
Angel Island in the background



Comparison of Nevada Lithium Projects

Host	Company	Project	Project Status	Finance Status
Brine	Albemarle*	Silver Peak Operation	Producing	-
	SLB/Pure Energy*	Clayton Valley	PEA, Pilot Plant	-
Claystone	Century Lithium	Angel Island	Feasibility, Pilot Plant	Discussions underway with DoE
	Lithium Americas	Thacker Pass	In construction	\$2.26 billion from DoE
	Ioneer	Rhyolite Ridge	Permitted	\$968 million from DoE



Angel Island – Project Elements

Mining

- Surface deposit with low strip, no internal waste
- Soft claystone requiring no drilling or blasting

Leaching

- Chloride leach provides high lithium extraction from Angel Island claystone with relatively low reagent consumptions

Filtration

- Chloride system allows easy separation of clay solids from liquid

Direct Lithium Extraction (DLE)

- Chloride process enables DLE instead of chemical precipitation, enables high-purity lithium carbonate production on-site

Chlor-Alkali Plant

- HCl and NaOH generated on-site using salt, water and power
- Minimizes transportation and supply issues tied to sulfur



Angel Island – Project Fundamentals*

In \$US

End-to-end process

- 26,500 tpa average production of battery-grade Li_2CO_3 on-site

Strong Economics

- **\$4.01 billion** after-tax NPV (using 8% discount rate)
- **27.4%** IRR using Li_2CO_3 price of \$24,000/t
- Low operating costs **\$4,389/t** Li_2CO_3
- Project revenues from surplus NaOH equivalent to **\$5,393/t** of Li_2CO_3 produced
 - When treated as a co-product credit, this would result in a **net operating cost below zero**

Phased Production Plan

- First Phase capital cost \$997M
- Second Phase capital cost \$660M

Large US Based Resource

- Proven and Probable Reserves supporting a Life of Mine **60+ years**

Water Rights Permit

- In Clayton Valley basin for 1,770 acre-feet/year

*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada



Angel Island – 2026 Feasibility Study Results*

After-tax cash-flow analysis in US\$

	Initial Phase 1	Expansion Phase 2
Years	1 - 4	5+
Mining Rate	7,500 tpd	15,000 tpd
Average Annual Li ₂ CO ₃ Production	12,000 tpa	28,000 tpa
Capital Costs	\$997 million	\$660 million
Average Li ₂ CO ₃ Production		26,500 tpa
Net Present Value (NPV 8%)		\$4.01 billion
LOM Average Operating Costs (OPEX)		\$4,389/t
Internal Rate of Return (IRR)		27.4%
Base Case Price for Li ₂ CO ₃		\$24,000/t
Base Case Price for NaOH		\$750/t
Life of Mine		60+ Years
Profitability Index		4.0



Angel Island Claystone feed for Demonstration Plant

*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada
 *NOTE: Economic analysis based on a 40-year production schedule, with planned life-of-mine average production of approximately 26,500 tonnes per annum of battery-grade lithium carbonate

Angel Island - Economic Model & Sensitivity* US\$

Sensitivity Analysis			
Lithium Carbonate Price	\$18,000/t	\$24,000/t	\$30,000/t
After-tax NPV	\$2.75 B	\$4.01 B	\$5.26 B
After-tax IRR	22.2%	27.4%	32.1%
Profitability Index	2.8	4.0	5.3

*Notes: see news release dated Feb 23, 2022, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada

Cash-flow Model Developed Using

- \$24,000/t for Li_2CO_3 and \$750/t NaOH

Economic & Sensitivity Analysis

- Economically attractive across a wide range of commodity price and cost assumptions
- Strong Capital Efficiency: ~\$4 of value created per \$1 invested (8% discount rate)



Angel Island - Capital Cost Estimates*

Estimated Capital Costs (\$USM)	Phase 1	Phase 2
Mine & Site Support Equipment	\$23.5	\$43.7
Site Preparation and Roads	\$3.0	\$4.5
Processing Facilities	\$611.2	\$341.1
Infrastructure	\$167.5	\$135.2
Working Capital	\$14	-
Owner's Cost	\$88.2	\$62
EPCM	\$24.1	\$19.5
Freight	\$4.7	\$3.4
Contingency	\$60.7	\$50
Total Installed Cost	\$997.4	\$660.2

Phased Approach to Mine Plan

- Reduces capital risk and exposure
- Eases construction timelines and labor demands
- Viable equipment procurement and installation
- Utilizes all estimated Mineral Reserves*

Capital Cost Reductions vs 2024 FS driven by:

- Elimination of a third production phase
- Simplified installed capacity
- Processing flowsheet optimization
- Updated vendor and construction cost inputs

*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada

Angel Island – Resources & Reserves*

Mineral Resource Estimate				
	Tonnes Above Cut-off (millions)	Li Grade (ppm)	Li Contained (million t)	LCE (million t)
Measured	858.26	990	0.850	4.523
Indicated	280.33	891	0.250	1.329
Measured & Indicated	1,138.59	966	1.099	5.582
Inferred	187.28	820	0.154	0.817

The effective date of the Mineral Resource Estimate is April 29, 2024. The QP for the estimate is Ms. Terre Lane, MMSA, an employee of GRE and independent of Century. The Mineral Resources are constrained by a pit shell with a 200 ppm Li cut-off and density of 1.505 g/cm³. The cut-off grade considers an operating cost of \$20/t mill feed, process recovery of 78% and a long-term lithium carbonate price of \$24,000/t. The Mineral Resource estimate was prepared in accordance with 2014 CIM Definition Standards and the 2019 CIM Best Practice Guidelines. Mineral Resource figures have been rounded. One tonne of lithium = 5.323 tonnes lithium carbonate. Mineral Resources are inclusive of Mineral Reserves.

Mineral Reserve Estimate				
	Tonnes Above Cut-off (millions)	Li Grade (ppm)	Li Contained (million t)	LCE (million t)
Proven	266.39	1,147	0.306	1.626
Probable	21.26	1,174	0.025	0.133
Proven & Probable	287.65	1,149	0.330	1.759

The effective date of the Mineral Reserve Estimate is April 29, 2024. The QP for the estimate is Ms. Terre Lane, MMSA, an employee of GRE and independent of Century. The Mineral Reserve estimate was prepared in accordance with 2014 CIM Definition Standards and 2019 CIM Best Practice Guidelines. Mineral Reserves are reported within the final pit design at a mining cut-off of 900 ppm. The mine operating cost is \$5.44/t milled, processing cost of \$40.9/t milled, G&A cost of \$2.68/t milled and a credit for the NaOH sales of \$28.95/t milled. The NaOH sales credit is proportionally applied to all the operating costs to get appropriate costs for the cut-off grade calculation. The cut-off grade considers a mine operating cost of \$2.22/t, a process operating cost of \$16.69/t milled, a G&A cost of \$1.09/t milled, process recovery of 78% and a long-term lithium carbonate price of \$24,000/t. The cut-off of 900 ppm is an elevated cut-off selected for the mine production schedule as the elevated cut-off is 4.5 times higher than the break-even cut-off grade. Mineral Reserve figures have been rounded. One tonne of lithium=5.323 tonnes lithium carbonate.

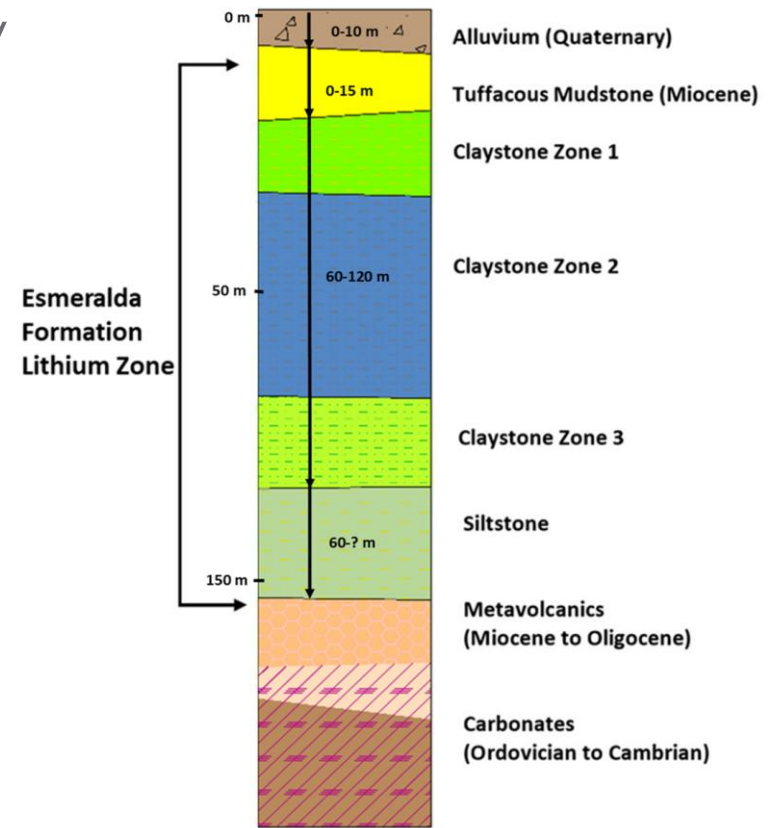
*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada



Claystone from Angel Island

Angel Island – Deposit Features & Lithology

- **Extensive** flat-lying deposit
- **Lithium** in illite and montmorillonite clays to depth of 150m
- **Minimal** gravel overburden
- **Soft clay** no drilling or blasting required
- **Leachable clay** with low reagent consumptions



Demonstration Plant – Relocation



Tonopah Site for Demonstration Plant



Components of Demonstration Plant



Demonstration Plant – Overview

- **Patent-pending process** integrating chloride leaching with cutting-edge DLE technology
- **Entering fourth year of R&D** and repeatedly making battery-grade Li_2CO_3 over 99.5% purity on- and off-site
- **Feed material** grades from Angel Island average 1,101ppm
- **Leach solution** concentrations have ranged from 200 to 320ppm Li
- **Lithium extractions** average 88% and have ranged from 80 to 95%, with an overall lithium recovery of 78%
- **Evaluating adaptability** of Century Lithium's process for use on alternative lithium feedstocks, brine, spodumene concentrates, and recycled materials



Li_2CO_3 circuit at Demonstration Plant



Demonstration Plant – Recent Developments

- **Making battery-grade Li_2O_3 on-site** using lithium solutions derived from Angel Island claystone
- **Li_2O_3 purity exceeding 99.5%** repeating the making of battery-grade Li_2CO_3
- **Eliminated downstream processing** using a verified end-to-end process
- **Supply Li_2O_3 test samples** to OEMs and strategic partners
- **Process improvements implemented** in collaboration with Amalgamated Research, LLC
- **Reduced recycle loops** within the DLE and lithium carbonate areas, while increasing eluate grades
- **Plant dismantled** and moved to Company's Tonopah Airport Facility



Lithium carbonate made at Demonstration Plant

Demonstration Plant – Chlor-Alkali Process

Salt is the Key

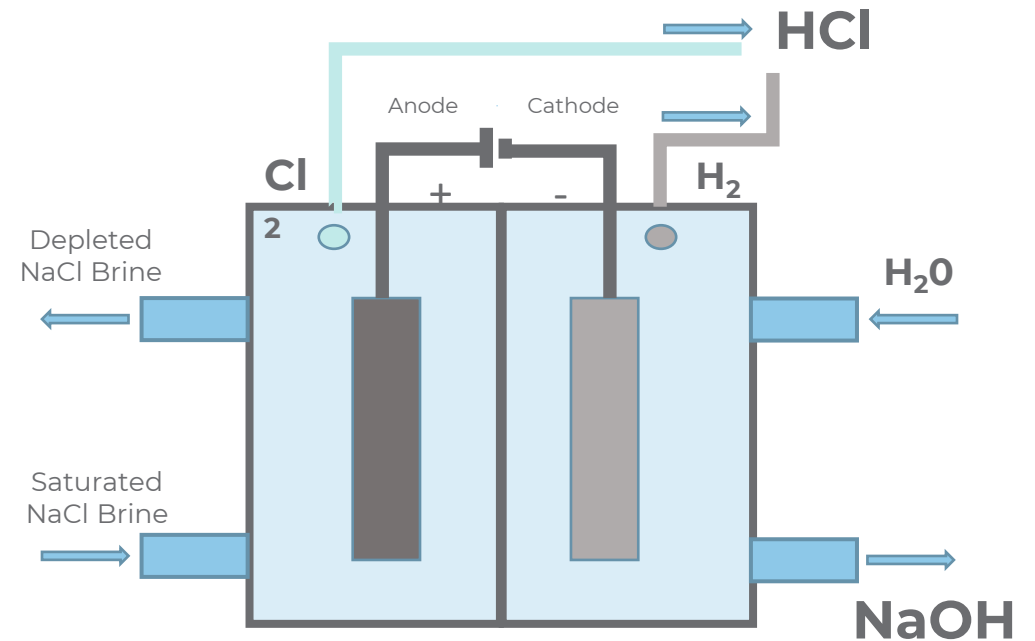
- NaCl (sodium chloride) sources are abundant in the western United States
- Clayton Valley brines are a potential source

On-site reagent generation

- HCl (hydrochloric acid)
- NaOH

Advantages for Angel Island

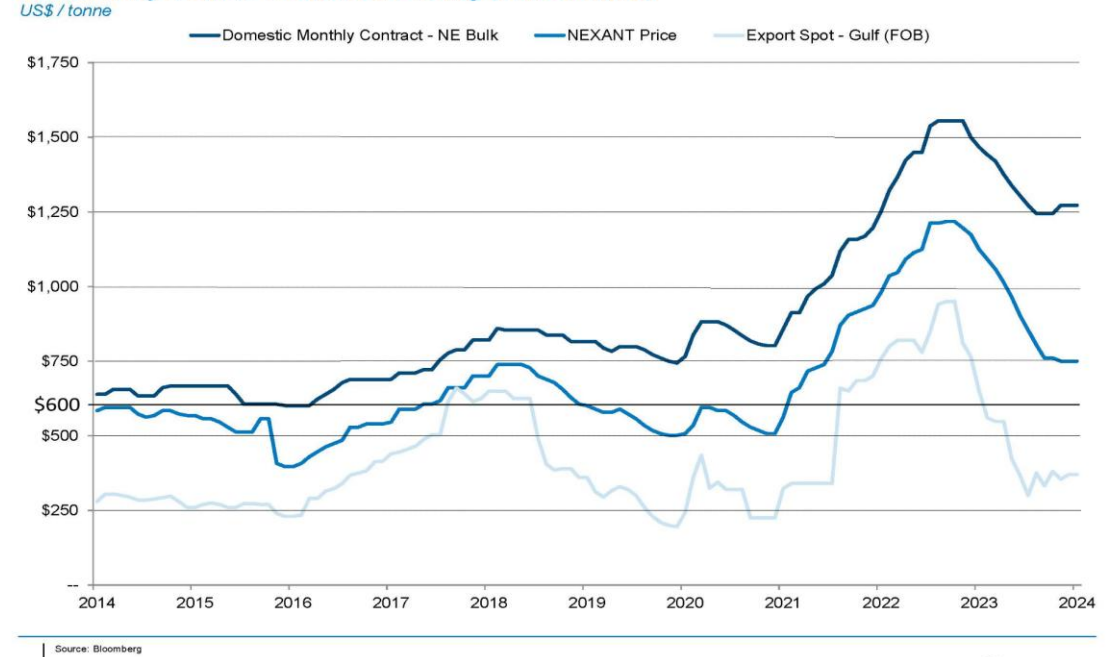
- Primary components for process developed on site
- Water and all salt components are recycled and reused
- Process is not tied to hydrocarbon production or oil fields
- Surplus NaOH available for sale



Angel Island – Sodium Hydroxide Facts

- **Primary uses** of NaOH are
 - Pulp and paper manufacturing
 - Water treatment – both industrial and municipal
 - Making of sodium hypochlorite (bleach)
 - Mining – primarily making of sodium cyanide for gold projects
 - Agriculture – fertilizers
- **NaOH demand** is closely linked to the general economy and expected to grow linearly with the US economy
- **Forecasts indicate** the US will need new capacity as growth in China increases and absorbs Asian supply and US plants are forced to close or upgrade from older technology
- Global Exchange indicates that prices above **\$800/dmt** (dry metric tonne) will be sustainable over the long term

Sodium Hydroxide Historical Pricing (United States)



Angel Island – Non-Binding MOU for Sodium Hydroxide Sales

- **Orica Specialty Mining Chemicals** a leading mining and infrastructure solutions provider and major US manufacturer and supplier to Nevada's mining industry
- **Purchase of Membrane-grade NaOH** surplus from Angel Island's future chlor-alkaline plant
- **Initial 5-year term** and right of first offer for an additional 5 years - pricing to be determined by definitive agreement
- **Sales to Nevada** and western US markets
- **Orica – Century Lithium** relationship will strengthen the US supply chain, reduce reliance on imports of NaOH to the US and support Nevada's mining industry



Pearl or flake NaOH

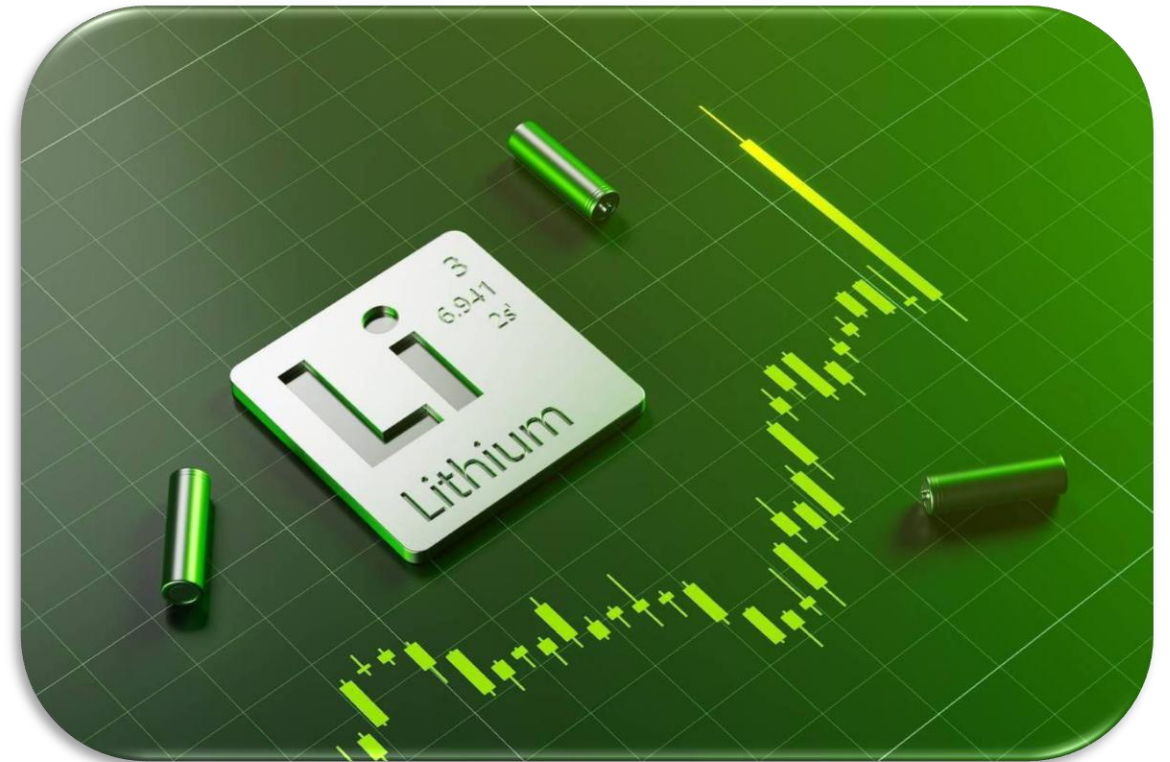


NaOH in solution



Angel Island – Advancing LFP, LMA & LiOH Integration

- **Battery-grade lithium carbonate (Li_2CO_3)** produced at the Demonstration Plant from Angel Island leach solutions, confirming and validating process flowsheet
- Century's Li_2CO_3 used by First Phosphate to produce **North American Lithium Iron Phosphate (LFP)** cathode material, successfully manufactured into LFP 18650 cells
- **Battery-quality Lithium Metal Anode (LMA)** produced by Century's Li_2CO_3 , proving compatibility with next-generation, high-energy battery technologies
- **Battery-grade lithium hydroxide (LiOH)** produced at the Demonstration Plant, unlocking expanded downstream markets and strategic product optionality



Angel Island – Rare Earth Potential

- Test work confirms **REE extraction from lithium leach solutions** is technically viable, demonstrating a recoverable secondary value stream
- Generation of a REE-rich intermediate stream has the potential to **improve project NPV and reduce unit operating costs** at Angel Island
- Process integration enables REE recovery within the existing flowsheet, supporting **alignment with North American critical-minerals supply chain objectives**
- Metallurgical results demonstrate high REE recoveries with **no impact on lithium extraction efficiency**, reagent consumption, or overall process performance



Environmental & Social Governance



All baseline & environmental studies completed



Project design will minimize environmental and cultural impact



Opportunities for use of **Renewable Energy**

- Solar and Geothermal



Focus on effective water and land management



Commitment to working with **local communities** for an economic, **safe** and **sustainable** operation



Angel Island – Summary

Advanced Stage Project – Nevada, USA

- One of the largest lithium deposits in the USA
- Feasibility Study* completed in February 2026
- Two-phase mining and processing plan with **end-to-end process** for production of **Li₂CO₃** on large lithium-bearing claystone resource
- **26,500 tpa** of average for LOM estimated
- **Low OPEX \$4,389/t** Li₂CO₃
- **\$4.01 billion** after-tax NPV-8%
- **27.4%** after-tax IRR
- Large, long-life U.S.-based lithium project, with Proven and Probable Reserves supporting a **life of mine of over 60 years**

*Notes: see news release dated Feb 23, 202, Century Lithium Reports Updated Feasibility Study with After-Tax NPV of \$4.01 Billion and Operating Costs of \$4,389 Per Tonne of Lithium Carbonate for the Angel Island Lithium Project, Nevada

Permitting & Developing

- Tier 1 jurisdiction – Nevada, USA
- Angel Island is on the **FAST-41 Transparency Dashboard**
- All baseline and environmental studies **completed and approved** by BLM with Plan of Operations underway
- MOU for **offtake of NaOH** with Orica Specialty Mining Chemicals
- **Water Rights Permit owned**

Demonstration Plant

- Over four years of safe testing in all aspects of the extraction process
- Made samples of **battery grade lithium carbonate** and **lithium hydroxide** demonstrating the commercial viability of Angel Island
- Plant disassembled and moved to Tonopah Airport Facility



Moving Forward

- Continue to test Li_2CO_3 with domestic original equipment manufacturers (OEMs)
- Further evaluation of the economic potential for rare earth elements (“REE”) recovery
- Plan of Operations to be completed and filed with the BLM
- Initiate the National Environmental Policy Act (“NEPA”) permitting process
- Begin permitting process with the State of Nevada to work concurrently with the federal process.
- Pursue Financial Opportunities
 - Continue to work with the **U.S. Department of Energy’s** (DoE) Loan Programs Office
 - **Department of Defense** (DoD) - grants
 - Engagement of BMO to assist **Strategic Partnership**





CENTURY LITHIUM

TSXV **LCE** | OTCQX **CYDVF**

Contact

Spiros Cacos
Vice President, Investor Relations
T +1 604 764 1851
info@centurylithium.com

centurylithium.com





APPENDIX

Century Lithium – Management

William Willoughby, PhD, PE

PRESIDENT, CEO & DIRECTOR

45+ years of experience in all aspects of natural resources development, production and financing

Matthew Tompkins, CPA

CHIEF FINANCIAL OFFICER

10+ years of experience in natural resources and accomplished financial leader in the mining industry

Spiros Cacos, MA

VICE PRESIDENT, INVESTOR RELATIONS

25+ years of experience with public mining companies across all stages of development, from early-stage exploration through to production.

Teresa Conner, BSc, MLS

DIRECTOR, PERMITTING & ENVIRONMENTAL AFFAIRS

45+ years of experience in both the mining and oil and gas industries.

Todd Fayram, MSc Eng

CHIEF TECHNICAL OFFICER

40+ years of experience, focusing on metallurgy, pyrometallurgy and extractive operations for multi-national mining and metals producers

Daniel Kalmbach, CPG

VICE PRESIDENT EXPLORATION & RESOURCE DEVELOPMENT

25+ years of experience in natural resources geology, exploration, mining, and environmental project management

Adam Knight, PE

GENERAL MANAGER

30+ years of experience in management and operations of mining corporations

Cormac O'Laoire, PhD

STRATEGIC ADVISOR

An expert in the lithium-ion battery ecosystem, with 20+ years experience at the intersection of lithium mining, chemical refining, and battery technology



Century Lithium – Board of Directors

Bryan Disher

CHAIR

37+ years of experience in corporate finance, retired partner from PwC Canada, CPA, CA

Donald G. Myers

DIRECTOR

35+ years experience in management and investor relations for resource and technology companies

James G. Pettit

DIRECTOR

30+ years experience in corporate finance, executive management & compliance

William Willoughby, PhD, PE

PRESIDENT, CEO & DIRECTOR

45+ years of experience in all aspects of natural resources development, production and financing

Corby G. Anderson, PhD, CEng, FIMMM, FICChemE

DIRECTOR

40+ years of global experience in engineering, design, industrial plant operations, corporate level management, education, research, and professional service



Appendix – Extraction Testing of Lithium-bearing Claystone



Pilot Plant Components

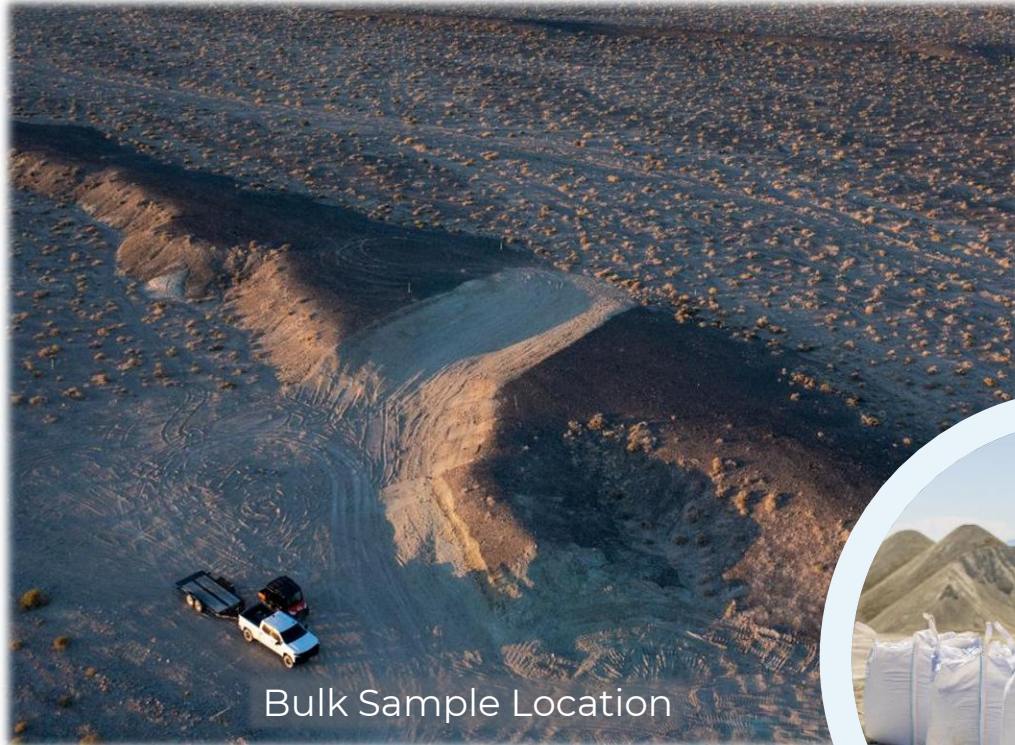


Crushed Claystone Ready to Process

Appendix – Filtration System & Tailings



Appendix – Mining & Processing of Bulk Sample



Bulk Sample Location



Crushing Claystone