

The background of the slide features a close-up of an electric vehicle's charging port. A black charging cable is plugged into the port, and a bright blue light emanates from the connection point, creating a futuristic and high-tech atmosphere. The overall color scheme is dominated by dark blues and blacks, with the glowing blue light providing a focal point.

# **POWER LITHIUM**

## **Unlocking America's Lithium Supply**

CORPORATE PRESENTATION

**CSE: POWER | OTC: PWRLF | FRA: 6JX**

# Legal



This presentation includes certain statements that may be deemed forward looking statements. All statements in this document, other than statements of historical facts, which address future production, reserve potential, exploration activities and events or developments that the Company expects, are forward looking statements. Such forward-looking statements include, without limitation: (i) estimates of future lithium prices, supply, demand and/or production; (ii) estimates of future cash costs; (iii) estimates of future capital expenditures; (iv) estimates regarding timing of future development, construction, production or closure activities; (v) statements regarding future exploration results; (vi) statements regarding cost structure, project economics, or competitive position, and; (vii) statements comparing the Company's properties to other mines, projects or metals. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance, that the Company expressly disclaims any responsibility for revising or expanding the forward- looking statements to reflect actual results or developments, and that actual results or developments may differ materially from those projected, in the forward-looking statements, except as required by law.

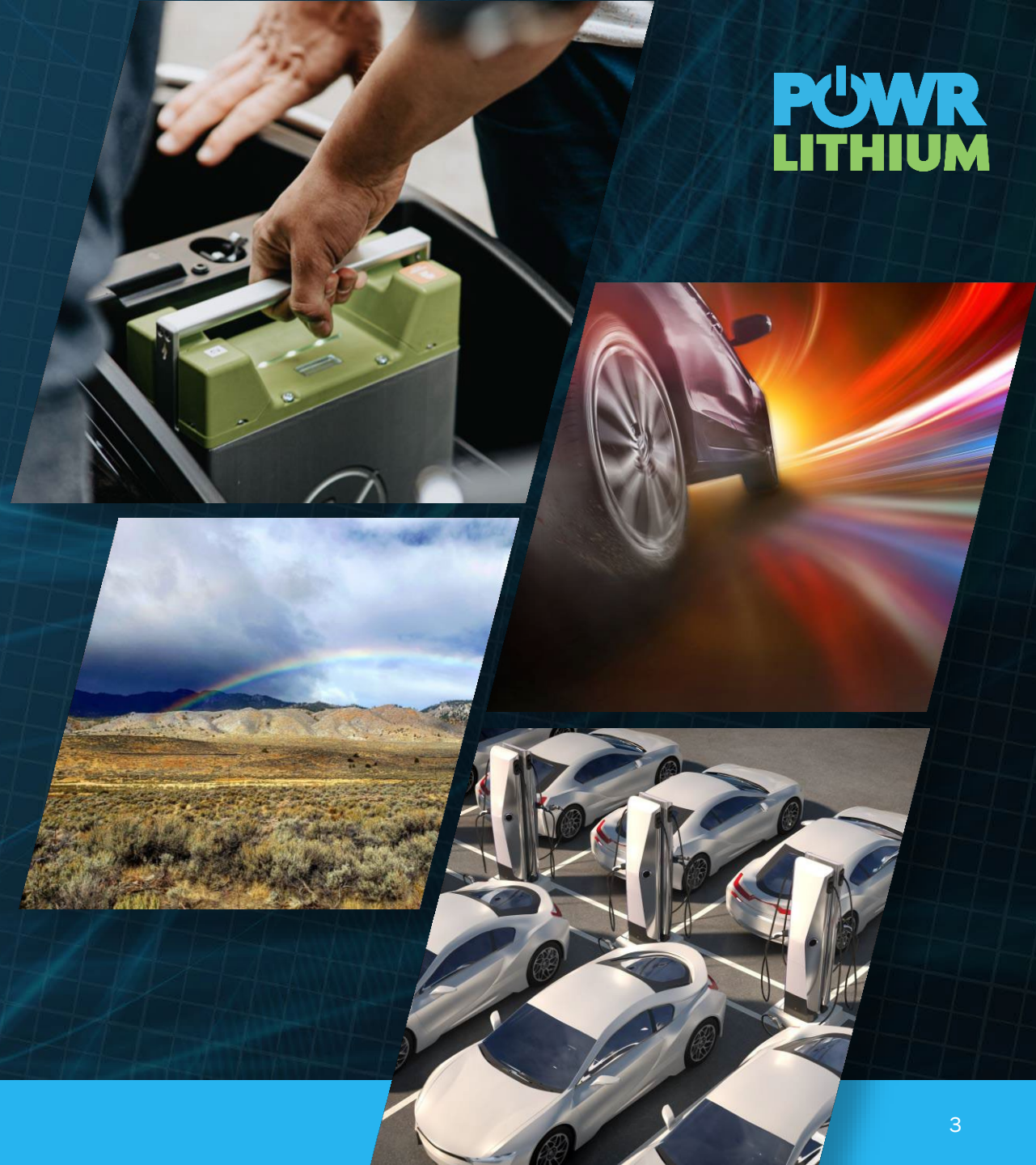
*The Qualified Person as defined by NI 43-101 is Anna Hicken, P.Geo, a consultant for the company who has reviewed & approved the technical geological information contained in this presentation. For more information on the ELi Project, please refer to the independent 43-101 report on the ELi property (also available on SEDAR).*



# THE FUTURE IS ELECTRIC

A new mineral exploration  
and development company  
focused on American  
lithium deposits to support  
domestic demand

**POWR**  
**LITHIUM**





# Unlocking Claystone Lithium Is The Key To America's Electrification and Global Supply of Lithium



## America Focused

American centered exploration and development within the tier 1 jurisdiction of Nevada.



## ESG

Prospecting & development focused on reduced water consumption and carbon footprint.



## Clean Tech

Development and advancement of clean claystone processing technology and strategic partnerships.



## Market Growth

Offers investors a unique opportunity to invest in both lithium discovery and technology, maximizing exposure in a growing industry.



# Investment Highlights

Positioned to capitalize on the rapid growth in demand for lithium, driven by the electrification of the global automobile fleet

Geographic proximity to expanding North American electric vehicle and battery production positions us as an integral provider of sustainable raw materials

The POWR Lithium project is located in central Nevada proximal to 3 of the most favorable mining jurisdictions in the USA according to the Fraser Institute

The POWR team is investigating additional property acquisitions that meet strategic development goals for prospective mineralization and accessibility

Nevada has an “opportunity to become to energy what Wall Street is to finance, or what Silicon Valley is to technology.”

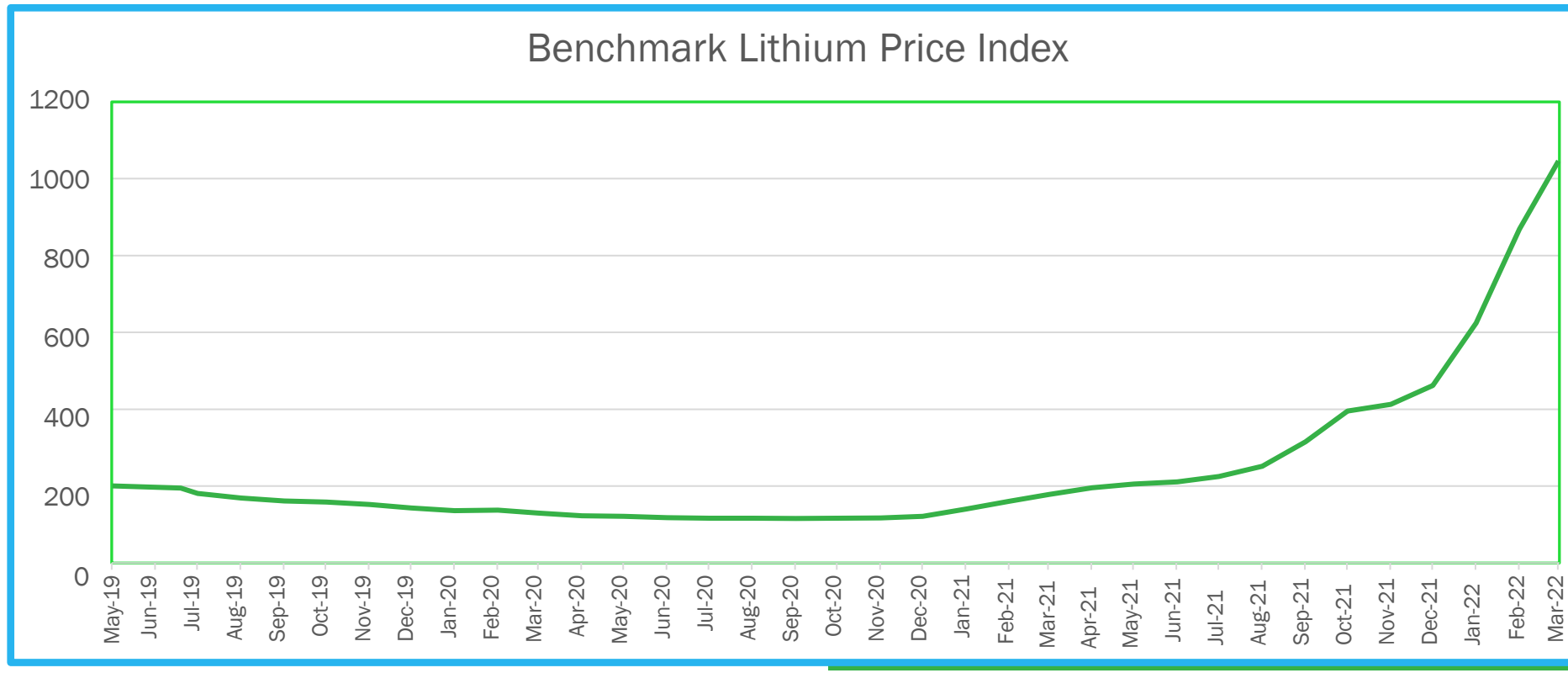
~ Gov. Steve Sisolak

Leadership team of experienced mining executives with a track record of de-risking and delivering

The 100%-owned project consists of an 535-acre land package 285km from Tesla’s Gigafactory.

Planned development and partnerships aim to match and tailor processes to commercial demands, timelines and earnings potential

# Lithium Pricing Up 90% Q1 2022



Source: <https://www.nextmine.com/news/articles/articles/monsters-of-rock-good-news-continues-to-flow-if-youre-in-lithium/>



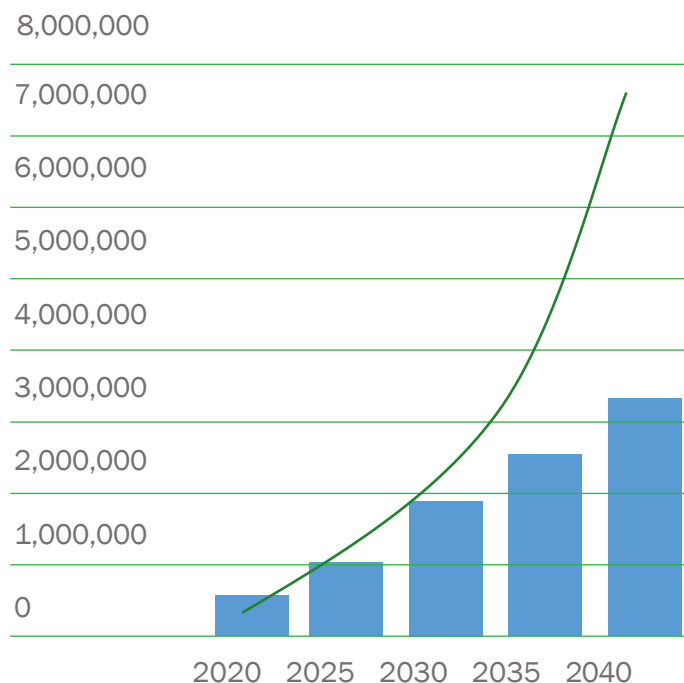
## America Focused

American centered  
exploration and  
development within  
the tier 1 jurisdiction  
of Nevada



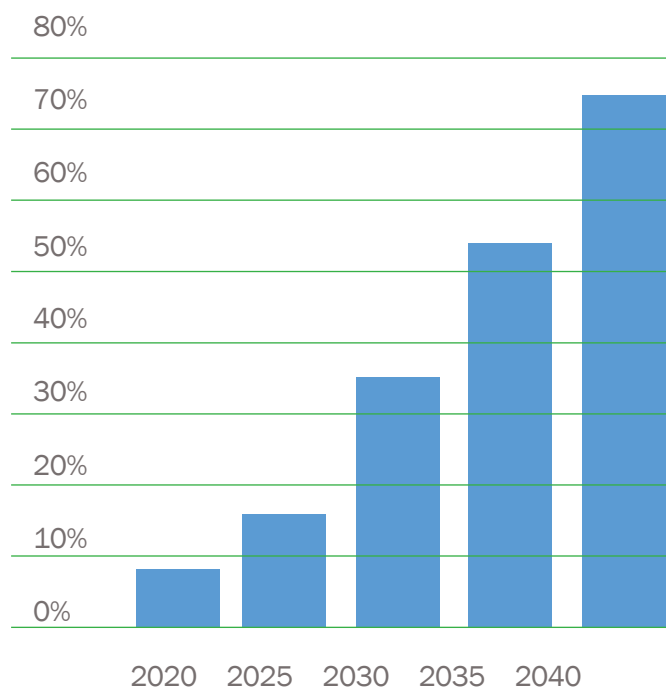
# Lithium Supply and Forecast

## Expected Shortfalls – Lithium Supply



Source: Benchmark Mineral Intelligence – Lithium Forecast, Q3 2021

## Electric Vehicle Market Forecast



Source: Benchmark Mineral Intelligence – Lithium Forecast, Q3 2021

**The electric vehicle market is forecasted to significantly rise over the next 20 years and beyond causing a substantial shortfall in the projected lithium supply needed.**



## America Focused

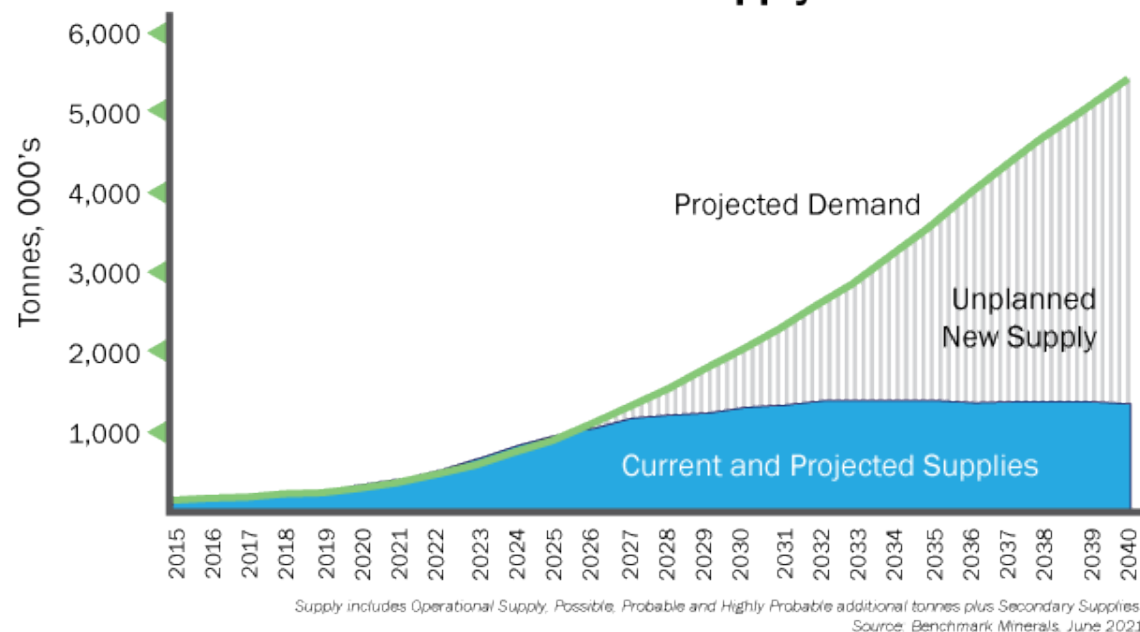
American centered exploration and development within the tier 1 jurisdiction of Nevada

# Supply & Demand

- A typical EV has about 5,000 battery cells, each with a couple of grams of lithium in it.
- A single EV contains roughly 10 kilograms—or 22 pounds—of lithium.
- A ton of lithium metal is enough to build about 90 electric cars.
- Building a million cars requires about 60,000 tons of LCE.
- Hitting 30% market penetration of EVs is roughly 30 million cars, or about 1.8 million tons of LCE, or 5 times the size of the total lithium mining industry in 2019. <sup>3</sup>

Source: [www.barrons.com](http://www.barrons.com)

## Lithium Demand vs Supply Forecast



**According to the IEA, demand for lithium is projected to grow by around 40 times by 2040. <sup>1</sup>**

The North American car industry is committed to the move to EVs:

GM will be all-electric by 2035 (6.8M vehicles)

Fiat/Chrysler by 2028 (4.6M)

Ford has committed to 40% EVs by 2030 (2.5M)

VW targets 1.5M vehicles built by 2025

Toyota plans to sell 3.5M units by 2030

(All figures from manufacturer's websites). <sup>2</sup>

That's a total of 32 Million vehicles not including approximately 4.7 Million vehicles from Chinese domestic production and Tesla's annual production which was 520,000 vehicles in 2021. <sup>3</sup>

Analysts at Citi predict that 75% of all mined lithium will go into EVs by 2025. <sup>4</sup>

1. From IEA publication "The Role of Critical Minerals in Clean Energy Transitions", May, 2021

2. [wikipedia.org/wiki/Automotive\\_industry](https://www.wikipedia.org/wiki/Automotive_industry). 3. <https://www.barrons.com>, October 2020 4. [www.reuters.com](http://www.reuters.com)



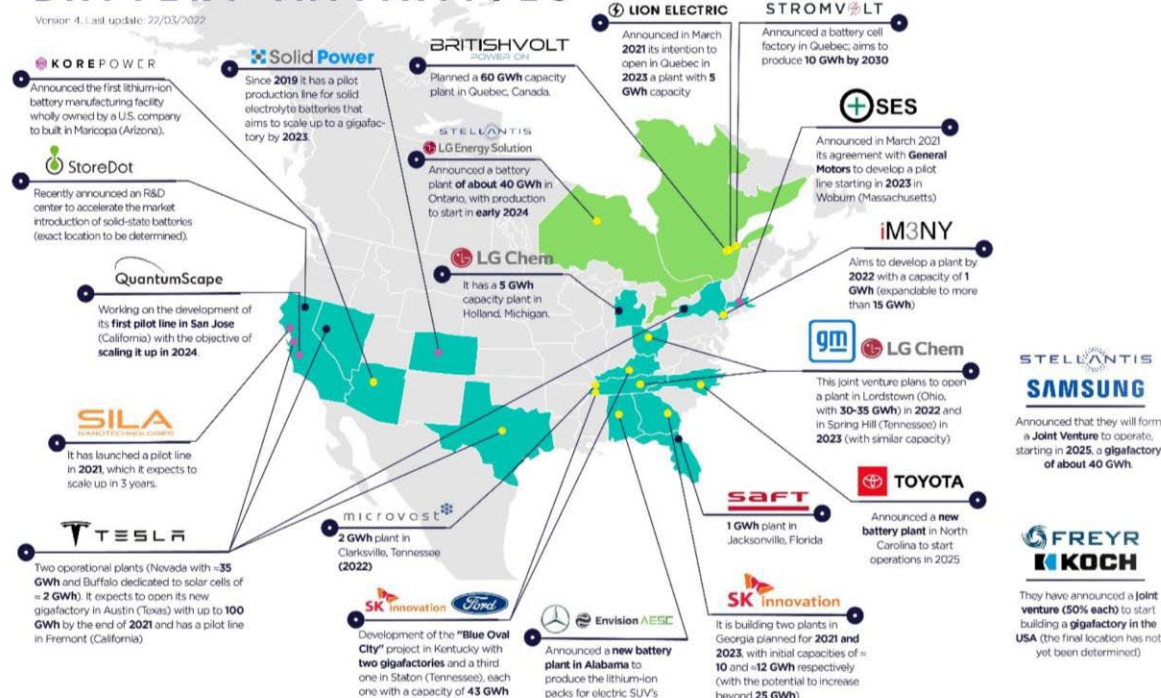
# North America Trends

## Driving Demand for Lithium

### NORTH AMERICAN BATTERY INITIATIVES

Analysis by CIC energyIGUNE

Version: 4, Last update: 22/03/2022



North America is ramping up their battery research, development and production with major manufacturers setting up gigafactories across Canada and the United States



**Envision AESC**

Announced new battery plant in Alabama to produce the lithium-ion packs for electric SUV's.

**KORE POWER**

Announced the first lithium-ion battery manufacturing facility wholly owned by a US company to build in Arizona.



Two operational plants (lithium-ion solar cells) with a new plant expected to open in Texas



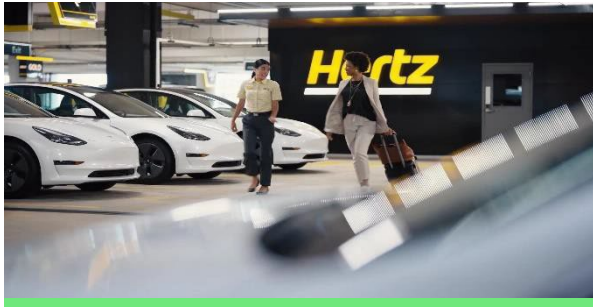
### Market Growth

Offers investors a unique opportunity to invest in both lithium discovery and technology, maximizing exposure in a growing industry.

Source: <https://cicenergyigune.com/en/blog/north-america-accelerates-commitment-development-gigafactory-industry>

# Corporate Fleets Adopting EV

## Focus on Zero-Carbon Emissions



Rental car firm is adding up to 65,000 electric vehicles over five years from Swedish EV maker Polestar, the latest move by the rental car firm to add zero-emission models

Source: [www.reuters.com](http://www.reuters.com)



Unilever says it will commit its entire global fleet of 11,000 vehicles to electric by 2030 as part of the Climate Group's EV100 program. Its interim goals are 25 percent EV or hybrid by 2020, and 50 percent by 2025.

Source: [www.unilever.com](http://www.unilever.com)



Lyft announced its commitment to reach 100% electric vehicles on the Lyft platform by 2030 to shift to a path of zero emissions and to avoid potentially millions of metric tons of emissions into the atmosphere.

Source: [www.lyft.com](http://www.lyft.com)



### Market Growth

Offers investors a unique opportunity to invest in both lithium discovery and technology, maximizing exposure in a growing industry.



***“We’re going to go and start building our own cathode facility in North America and leveraging all of the North American resources that exist for nickel and lithium”***

Drew Baglino, SVP of Powertrain and Energy Engineering at Tesla

# Clearly, well positioned

To supply a critical resource to the North America EV and battery market

Our flagship lithium project is located in the heart of America's lithium discovery region.

- Located in central Nevada
- Proximal to 3 of the most attractive mining jurisdictions in the world.\*
- Project located 285km from Tesla's Gigafactory.

\* <https://www.mining-technology.com/features/most-attractive-mining-jurisdictions/>





# ELi Lithium Project



The ELi project is a claystone lithium deposit found in a sub-horizontal sequence of lacustrine, tuffaceous mudstones, claystones and siltstones deposited in the Little Smokey Valley\*.



The lithium bearing rocks at the ELi project are preferentially found in younger tuffaceous sedimentary rocks that have a strong volcanic component and exhibits light-colored, ash-rich, lacustrine rocks containing swelling clays.



The project occurs within a hydrologically closed basin with proximal silicic volcanic rocks found in the hanging-wall. The geometry of the ELi project is roughly tabular, up to several meters thick over several square kilometers of area



*Photo of low-lying hills comprising the ELi property. The Li-bearing sediments extend from the foreground to the hills in the background.*



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American centered exploration and development within the tier 1 jurisdiction of Nevada

\* Technical information per NI 43-101 report prepared for Clear Sky Lithium titled "ELi Sediment-Hosted Lithium Deposit, Eureka & Nye Counties, Nevada: Technical Report" by Robert J. Johansing, BSc Geology, MSc Economic Geology, QP MMSA.

# ELi Lithium Deposit



- ✓ Field work has already begun on the project with over 150 initial baseline surface samples collected which returned an average grade of 342ppm and ranged from **1,023ppm** to 45ppm<sup>1</sup>. Historical sampling on the property returned an average value of 667.8ppm and ranged from 970ppm to 388ppm.

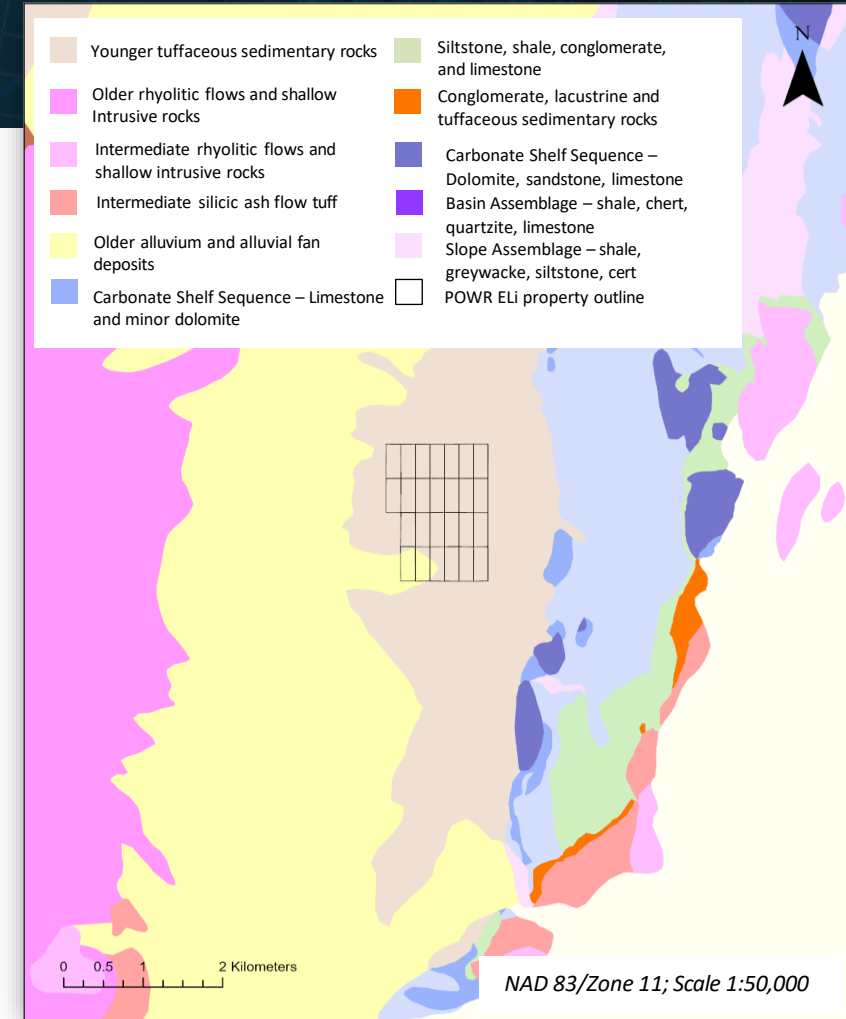


- ✓ American Lithium's TLC Deposit's initial surface exploration was comparable, with surface grades from 129.5-1,380ppm Li<sup>2</sup>.
- ✓ The samples collected by POWR were analyzed at ISO certified American Assay Labs (ICP-5AM48) where a robust QAQC program was carried out that included the addition of blind standards and blanks.
- ✓ The historic samples were analyzed at ISO certified American Assay Labs & ALS Laboratories where the internal lab QAQC was used.



- ✓ Currently the next phase of investigation is planned to include:
  - ✓ Additional surface sampling,
  - ✓ Additional geochemistry and mapping

1. Surface samples are select in nature and may not be representative of the entire property. Field work consists of a 154 samples collected by POWR, and 16 samples collected by the previous operators (historic).  
2. Technical Report, TLC Property, Nye County Nevada, April 2020.





# Claystone Lithium

## A New Deposit Type



The USGS first publication on sedimentary-hosted lithium (claystone lithium) wasn't until 1991, making it one of the newer deposit types in exploration.

Setting	Basin-and-Range with volcanism and high rates of sedimentation
Environment	Closed basins in arid environment
Location	Nevada, Oregon, Arizona, California
Host Rocks	Volcanic ash, lacustrine beds
Ore Minerals	Clays (hectorite, saponite, montmorillonite)
Geochemistry	Li>300ppm; high magnesium
Local	Light-coloured, ash-rich, lacustrine rocks containing swelling clays

Source: USGS Model 251.3(T), Some Industrial Mineral Deposit Models: Descriptive Deposit Models, Open File 91-11A.



# Sustainable Lithium



Claystone strategic focus underpins fundamental ESG driven values of POWR

## Environmental

### BEST OF BOTH WORLDS

No roasting vs Pegmatites  
Lower carbon footprint

No aquifer issues vs Brines  
Lower water footprint

## Social

AMERICA FOCUSED  
Securing domestic jobs  
Securing domestic supply

More than 50% of undeveloped  
U.S. lithium projects with  
established resources are clay  
associated\*



## Governance

KEY CHARTERS TO BE  
IN-PLACE AT BOARD LEVEL

ESG Charter  
Diversity Charter  
Ethics Charter  
Compliance Charter  
Traceability Charter



## ESG

Prospecting & development  
focused on  
reduced water  
consumption and  
carbon footprint.

\*Source – S&P database, Q1-2022



# Processing Framework

## Critical Strategies



### Technology Driven Approach

#### FOCUS ON KEY BOTTLENECKS UNIQUE TO CLAYSTONE:

- ✓ Extraction selectivity & impurity management
- ✓ Solid / Liquid separation
- ✓ Direct LiOH production

#### PLANNED KEY PARTNERSHIPS:

- ✓ Academia
- ✓ Industry experts
- ✓ Commercial R&D labs
- ✓ End-users



### Clean Tech

Development and advancement of clean claystone processing technology and strategic partnerships.



# Fully Integrated Process Development Strategy

Converting ore to battery-grade lithium - Sustainably



## Clean Tech

Development and advancement of clean claystone processing technology and strategic partnerships.



# Our Team



## **Patrick Morris** **CEO**

Mr. Morris brings over 20 years of experience in management positions with public companies, providing expertise in capital markets and fund raising for the resource sector. He is the former CEO of Gold Star Resources Ltd. Mr. Morris also co-created and co-produced the 1st nationally syndicated growth stock radio broadcast across Canada. With a keen focus on ESG and clean tech businesses, Patrick sees locally sourced Li as a key to unlocking the future of transportation

## **Marco Montecino** **DIRECTOR**

Over 35 years' experience of exploration projects and resource development in the Americas. Served as a Senior Consultant to Intrepid Mines Ltd. and as VP, Exploration for Montana Gold. Has worked with numerous junior, intermediate and senior companies including Francisco Gold, Phelps Dodge, Placer Dome, Billiton, Alta Gold and Nerco Minerals. He was instrumental in the discovery of the Marlin Deposit in Guatemala and other gold deposits in Nevada, Mexico, and Central America.

## **Robert Birmingham** **(B.A.) DIRECTOR**

Over 10 years' experience in the mining industry and capital markets, with a focus on corporate development, investor relations and capital raising.

## **Chris Mackay** **DIRECTOR**

President of Strand Development, oversees activities in the USA. Including sourcing and analysis of new acquisitions, development and financing or refinancing. Strand currently has over 3,000 properties in major markets across the US.

## **C. David (Dave) Wright** **STRATEGIC ADVISOR**

Results-oriented engineering leader with extensive technical and management experience. Previously served in a variety of roles with Ingersoll Rand, Maxwell Technologies, New Generation Biofuels, Delphi Packard, HE Microwave, Delco Electronics, and GM Advanced Engineering. He has a track record of successful commercial product and process development.



# **POWER** **LITHIUM**

**- THANK YOU -**

**CSE: POWR | OTC: PWRLF | FRA: 6JX**

**POWER LITHIUM CORP.**

**1021 WEST HASTINGS ST. 9<sup>th</sup> FLOOR**

**VANCOUVER • BC • V6E 0C3**

**EMAIL: [INFO@POWRLITHIUM.COM](mailto:info@powrlithium.com)**

**TEL: +1(778)383-7240**