

ROVER METALS

TSXV: ROVR | OTCQB: ROVMF | FSE: 4XO

ADVANCING LITHIUM IN NEVADA, USA

August 2023

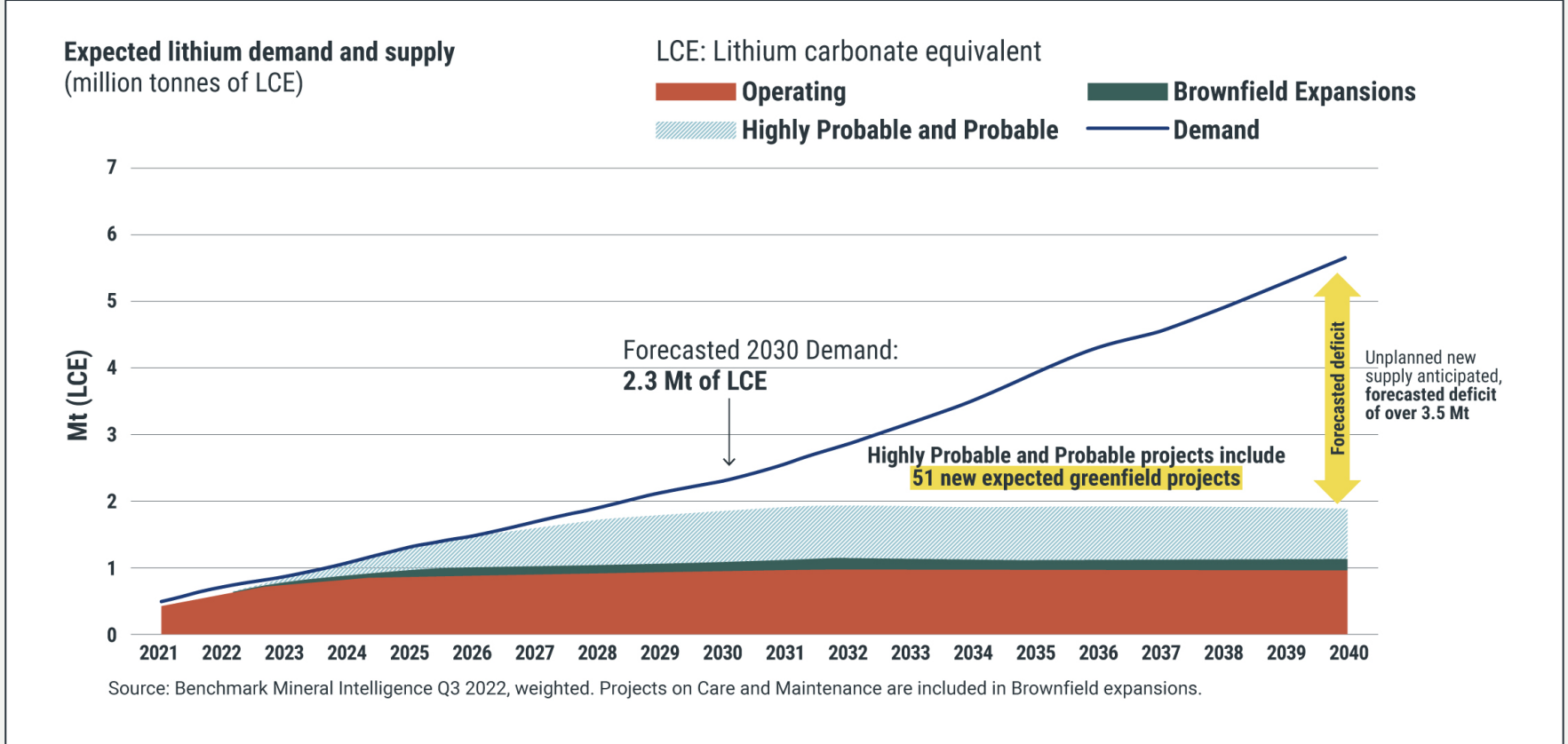
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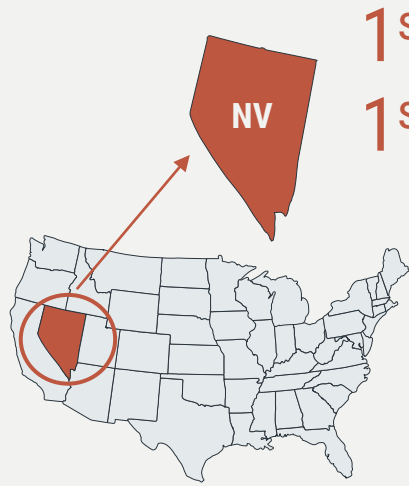
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Forward-looking statements are based on certain estimates, expectations, analysis and opinions that management believed reasonable at the time they were made or in certain cases, on third party expert opinions. These forward-looking statements were derived utilizing numerous assumptions regarding expected growth, results of exploration and development, performance and business prospects and opportunities, general business and economic conditions, interest rates, the supply and demand for, deliveries of, and the level and volatility of prices of gold and related products, regulatory and governmental approvals, market competition, accuracy of mineral resource estimates and geological, operational and price assumptions on which such estimates are based, conditions in financial markets, future financial performance of Rover and results of exploration and development activities. While Rover considers these assumptions to be reasonable, based on information currently available, they may prove to be incorrect. Forward-looking statements should not be read as a guarantee of future performance or results. To the extent any forward-looking statements constitute future-oriented financial information or financial outlooks, as those terms are defined under applicable Canadian securities laws, such statements are being provided to describe the current anticipated potential of Rover and readers are cautioned that these statements may not be appropriate for any other purpose, including investment decisions.

Such forward-looking statements involve known and unknown risks and uncertainties and other factors that may cause our actual events, results, performance or achievements to be materially different from any future events, results, performance or achievements expressed or implied by such forward-looking statements. Risks and uncertainties that may cause actual events, results, performance or achievements to vary materially include, but are not limited to, risks inherent to mineral exploration and development activities, changes in gold prices, changes in interest and currency exchange rates, inaccurate geological and metallurgical assumptions, unanticipated operational difficulties, government action or delays in the receipt of government approvals, adverse weather conditions, unanticipated events related to health, safety and environmental matters, labor disputes, failure of counterparties to perform their contractual obligations, changes or further deterioration in general economic conditions.

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1st Investment Attractiveness
1st Policy Perception Index



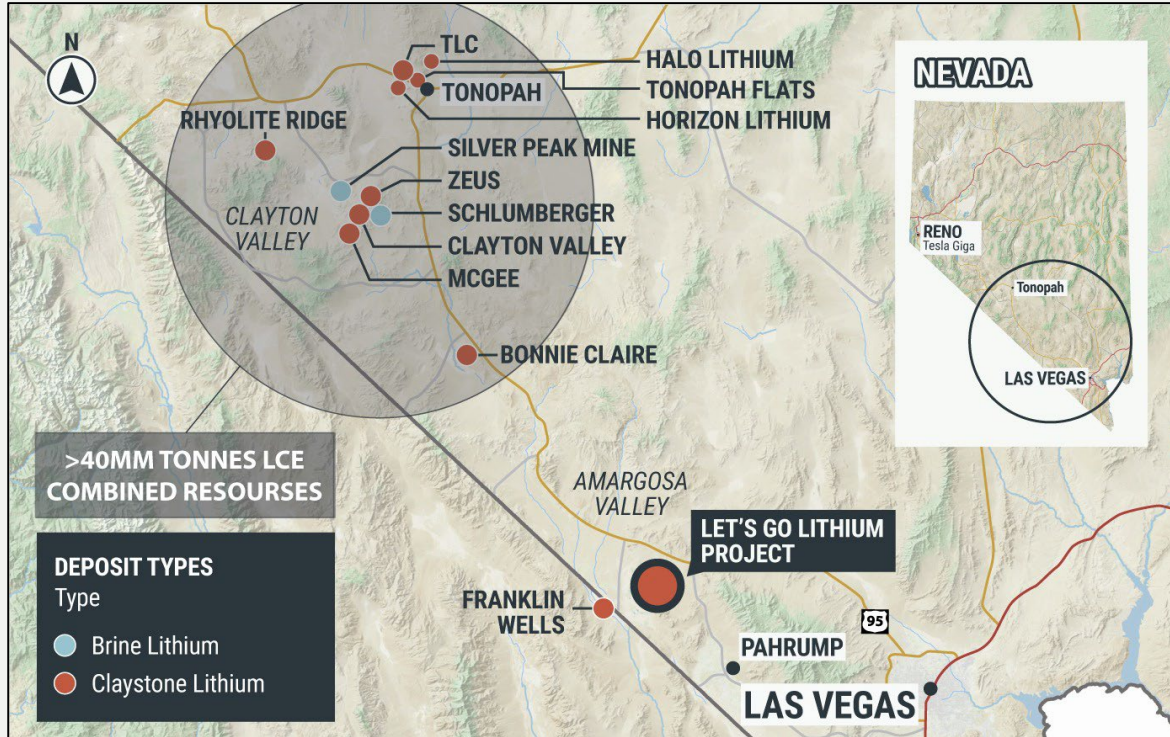
2022 Mining Survey



- Tesla Gigafactory, Reno, NV, scaling annual battery production to 100-gigawatt hours by 2024
- Albemarle Corp., Tonopah, NV. Epicenter of all lithium mining in North America. The Silver Peak mine produces 1% of the world's current lithium consumption (or 5,000 tonnes of LCE annually)
- Nevada has the largest in-ground Lithium reserves in North America (see next slide)
- New Lithium Refineries under construction
- U.S. Gov't Federal Loans for Lithium Refinery Construction
- Biden 2022 I.R.A. Tax Incentives for Domestic Lithium Production to Automotive Manufacturers

Let's Go Lithium Project, NV, USA

Location, Location, Location



The Amargosa Valley historic lake bed is a similar ancient lake to the Clayton Valley historic lake bed. Rover Metals has multiple high-grade lithium-claystone surface grab samples (>650ppm Li) across the 6,000 acres of the LGL property. There is an in-ground resource of over 40MM tonnes of LCE in southwest Nevada claystones.

Rover's Let's Go Lithium ("LGL") project is located 12km (7½ miles) from the historic Franklin Wells mine and a 1 ½ hour drive from Las Vegas. The historic Franklin Wells hectorite mine has documented lithium values of up to 3,110 ppm Li reported by the U.S. Geological Survey. Geological references for the historic Franklin Wells mine can be [downloaded here](#).

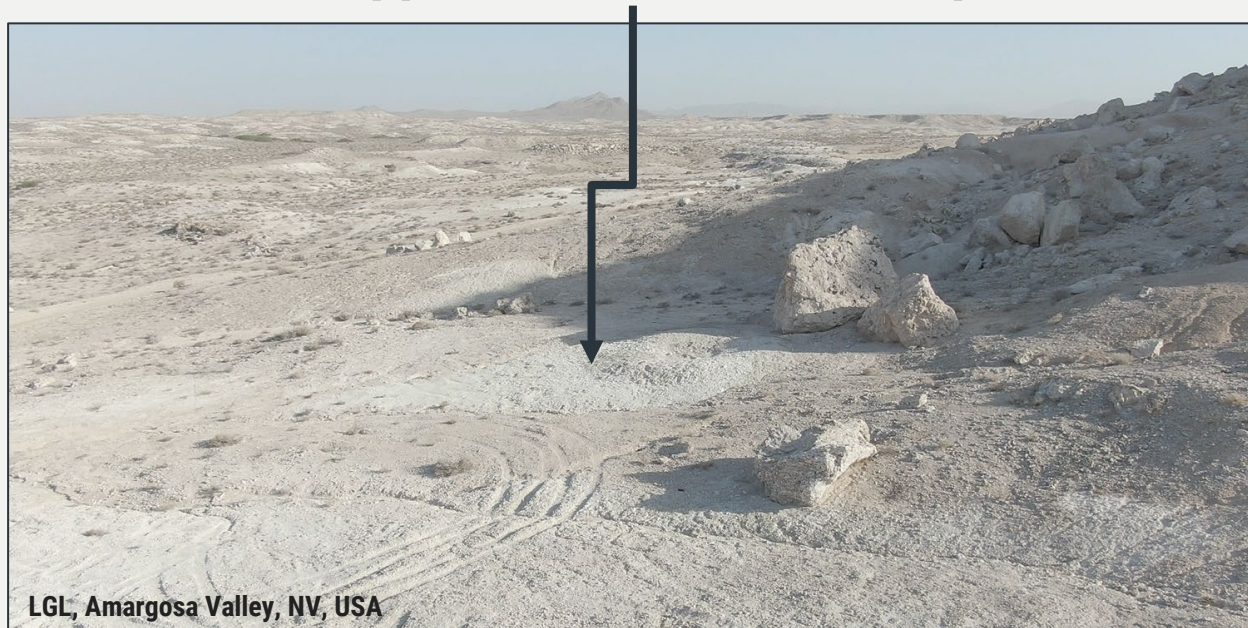
The LGL project benefits from better infrastructure (see next slides) than a lot of the regional lithium projects.

1,218 ppm lithium surface sample¹

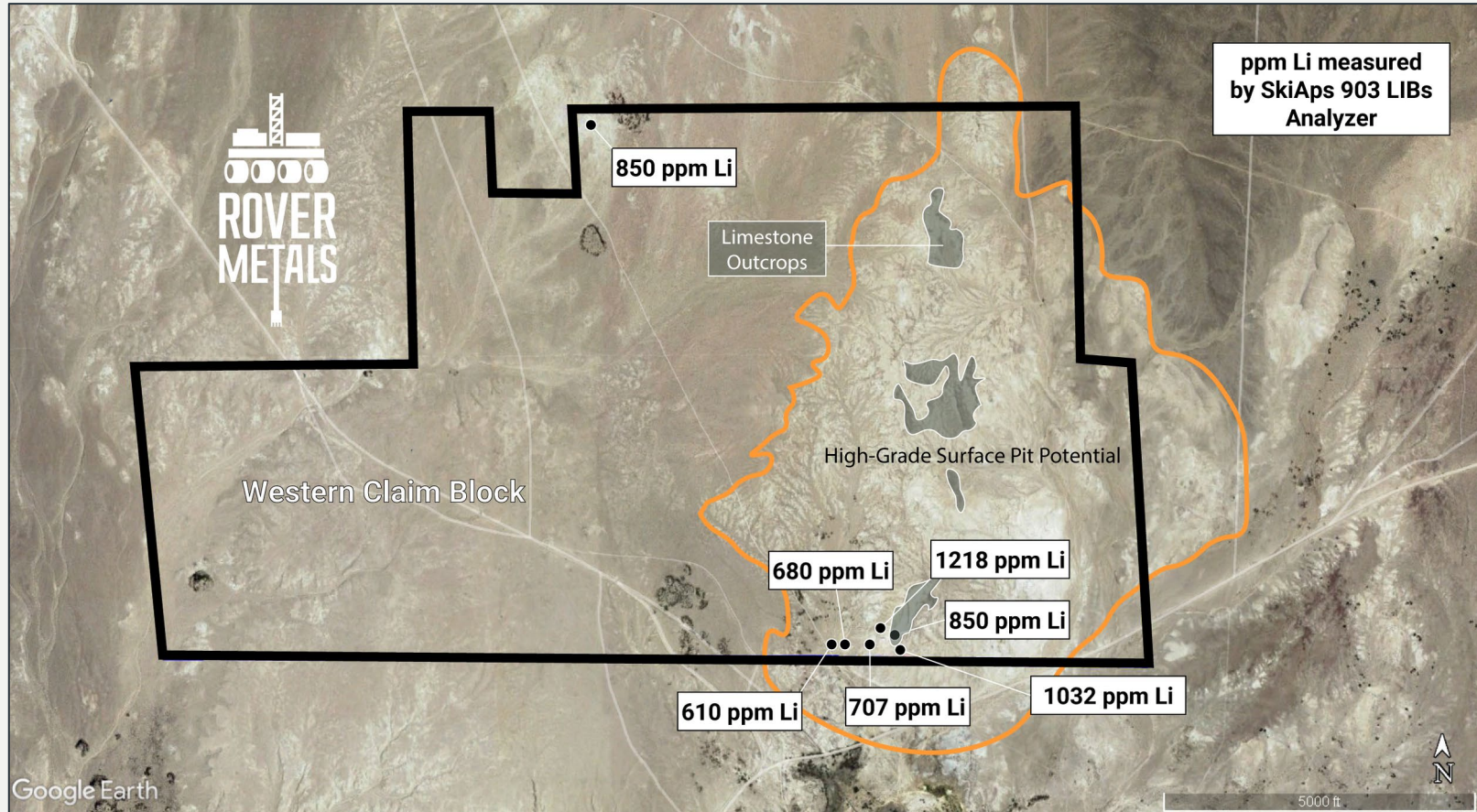
The **LGL project** “target ore body” is closer to surface than most of the regional comparable projects (i.e. Bonnie Claire). Historic water well drilling at LGL indicates the claybed body starts at surface, or within one meter from surface.

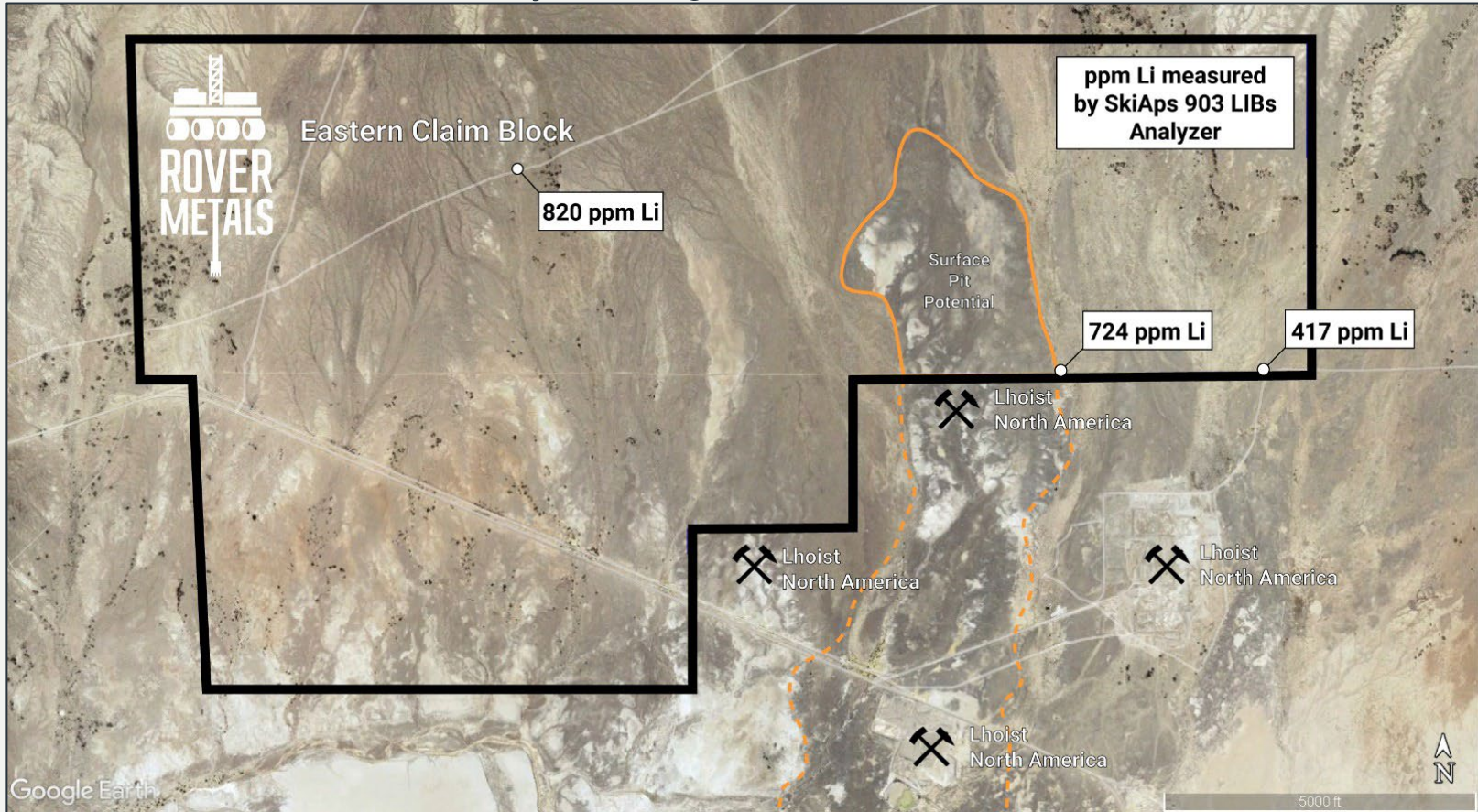
Open pit mines with green energy hydro are the lowest cost mines on the planet.

Rover Metals has rights to acquire a 100% staged-ownership interest in the LGL project.



1. 1,218 ppm Li by SkiAps 903 LIBs Analyzer. 930 ppm Li by ALS Laboratories assay certificate.

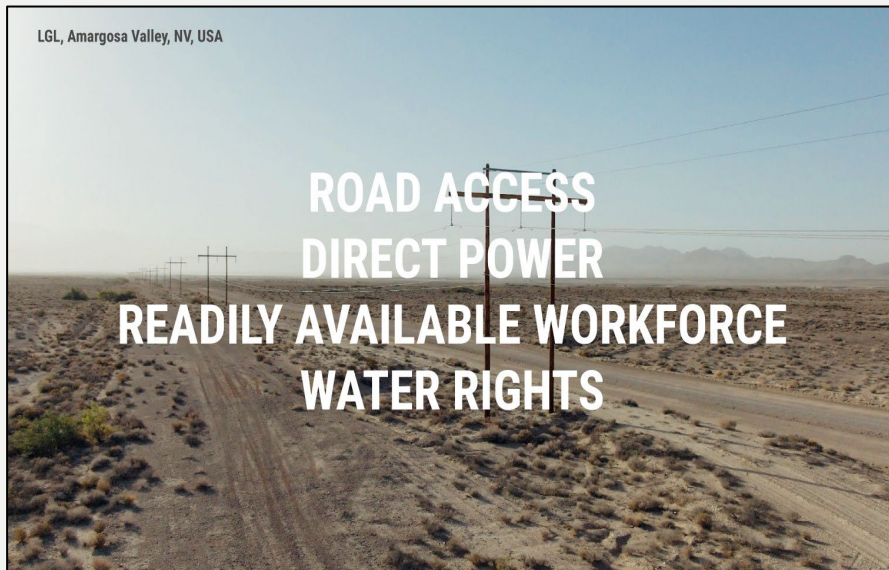




1. Permitting for 10 acres of disturbance, and 30 drill holes
2. Environmental Assessment Study
3. Cultural Study
4. Public Engagement and Community Support
5. 26 Hole Deep Auger Drill Program
6. DLE Research and Partnership Opportunities
7. Operational Water Rights Negotiations (Exploration Water Rights already secured)

Project Infrastructure

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LGL, Amargosa Valley, NV, USA

ROAD ACCESS
DIRECT POWER
READILY AVAILABLE WORKFORCE
WATER RIGHTS

The local town of Pahrump, NV, provides an operational base for readily available mine-site labor.

Investor core shack will be located in city of Las Vegas' north end.



In May-2023, Tesla broke ground on the construction of a lithium hydroxide upgrade refinery in Corpus Christi, Texas (operational eta 2025). Rover's LGL project has access to the BNSF rail line that connects from south Nevada into Corpus Christi. Future production of Lithium Carbonate from Nevada claystone lithium mines is a perfect logistical fit into Tesla's upgrading refinery operations.

Table: Mineable Lithium Deposit Type¹

Lithium Geology:	Claystone ²	Brine	Hardrock
Water Usage (E)	Low	High	Medium
Extraction Surface Impact (E)	Low	Medium	High
Extraction Subsurface Impact (E)	Low	Low	High
Environmental Scoring	Great	Average	Below Average
Social	High ³	Medium to High ³	High ³
Governance	High ⁴	Low to High ⁴	Medium to High ⁴
TOTAL ESG SCORING	Great	Average/Good	Average

1. The ranking excludes lithium mining in CHINA (hardrock and brine) due to China’s very low overall ESG score. The ranking includes all other countries that are major producers of lithium.

2. Rover’s LGL project is a claystone lithium project.

3. Social benefits in the South American countries of Brazil, Chile and Argentina are ranked as medium, but in the case of Chile, recent government nationalizations of lithium brine assets seems to be improving their social ranking. Claystone lithium projects are located in the United States which rank high in Social.

4. Governance over mining practices in countries like Brazil, Chile and Argentina contribute to the lower ranking for brine lithium mining. Claystone lithium projects are located in the United States which rank high in Governance.

Table: Company Comparables – Exploration Stage Lithium Miners

Company	Project, Location	Project Size	Highest Surface Lithium Grade Li	Average Lithium Grade Li	Depth of Ore Body from Surface	Thickness of Ore Body	Lithium Resource Size	No. of Drill Holes	Market Cap (CAD\$)
Rover Metals (TSXV: ROVR)	LGL, Amargosa Valley, NV	6,000 acres	1,218 ppm	Pre-resource; Pre-drilling	At surface, or within 1 meter¹	105 meters¹	Pre-resource; Pre-drilling (5-10MM tonne LCE potential)¹	n/a	\$3.5MM
American Battery Technology Company (OTCQX: ABML)	Tonopah Flats, Tonopah, NV	10,340 acres ²	882 ppm ²	561 ppm ²	4 meters from surface ²	150 meters ²	14.33MM tonnes LCE ²	21	\$700MM (USD 520MM)
Noram Lithium Corp. (TSXV: NRM)	Zeus, Clayton Valley, NV	2,800 acres ³	770 ppm ⁴	896 ppm ³	10 meters from surface ³	140 meters ³	5.68MM tonnes LCE ³	70	\$60MM
Pan American Energy Corp. (CSE: PNRG)	Horizon, Tonopah, NV	17,330 acres ⁵	800 ppm ⁵	Pre-resource; Phase 2 Drilling	18 meters from surface ⁵	Pre-resource; Phase 2 Drilling	Pre-resource; Phase 2 Drilling	10	\$25MM

1. Historic water well drill logs at the LGL project from the U.S. Geological Survey. Drill holes are at the far east and far west borders of the property. The resource potential of the LGL project is based on using Noram Lithium's Zeus project as comparable for an extrapolation of the LGL clay ore body over 24.28km² x 105 meters deep.

2. Tonopah Flats NI 43-101 Technical Report dated February 26, 2023 (available on the [ABTC website](#)).

3. Noram Lithium Corporation Preliminary Economic Assessment Report dated December 2021 (available on the [Noram website](#)).

4. Noram Ventures NI 43-101 report dated October 24, 2016 (available on the [SEDAR website](#)).

5. Pan American Energy Corp. [website](#), including recent news release.

Table: Company Comparables – Mine Development Stage Lithium Miners

Company	Project, Location	Project Size	Lithium Resource Size	Depth of Ore Body from Surface	Avg. Grade of Resource Li	Project Stage	Timeline from Discovery to PFS Stage	Market Cap (CAD\$)	Processing Recovery Rate of Lithium
Rover Metals (TSXV: ROVR)	LGL, Amargosa Valley, NV	6,000 acres	Pre-resource (5-10MM tonne LCE potential) ¹	At surface, or within 1 meter¹	n/a	Discovery	n/a	\$3.5MM	81% lithium ²
American Lithium (TSXV: Li) ³	TLC, Tonopah, NV ³	8,261 acres	10.69 million tonnes LCE	At surface	809 ppm	Pre-Feasibility	47 months	\$550MM	88.1% lithium ³
Century Lithium (TSXV: LCE) ³	Clayton Valley, Clayton Valley, NV ³	5,585 acres	7.58 million tonnes LCE	½ meter	882 ppm	Pre-Feasibility, Pilot Plant	31 months	\$150MM	83.0% lithium ³
Ioneer (NASDAQ: IONR)	Rhyolite Ridge, Tonopah, NV	1,977 acres	3.35 million tonnes LCE	At surface	1,741 ppm	Feasibility, Pilot Plant	27 months	\$450M	85.0% lithium

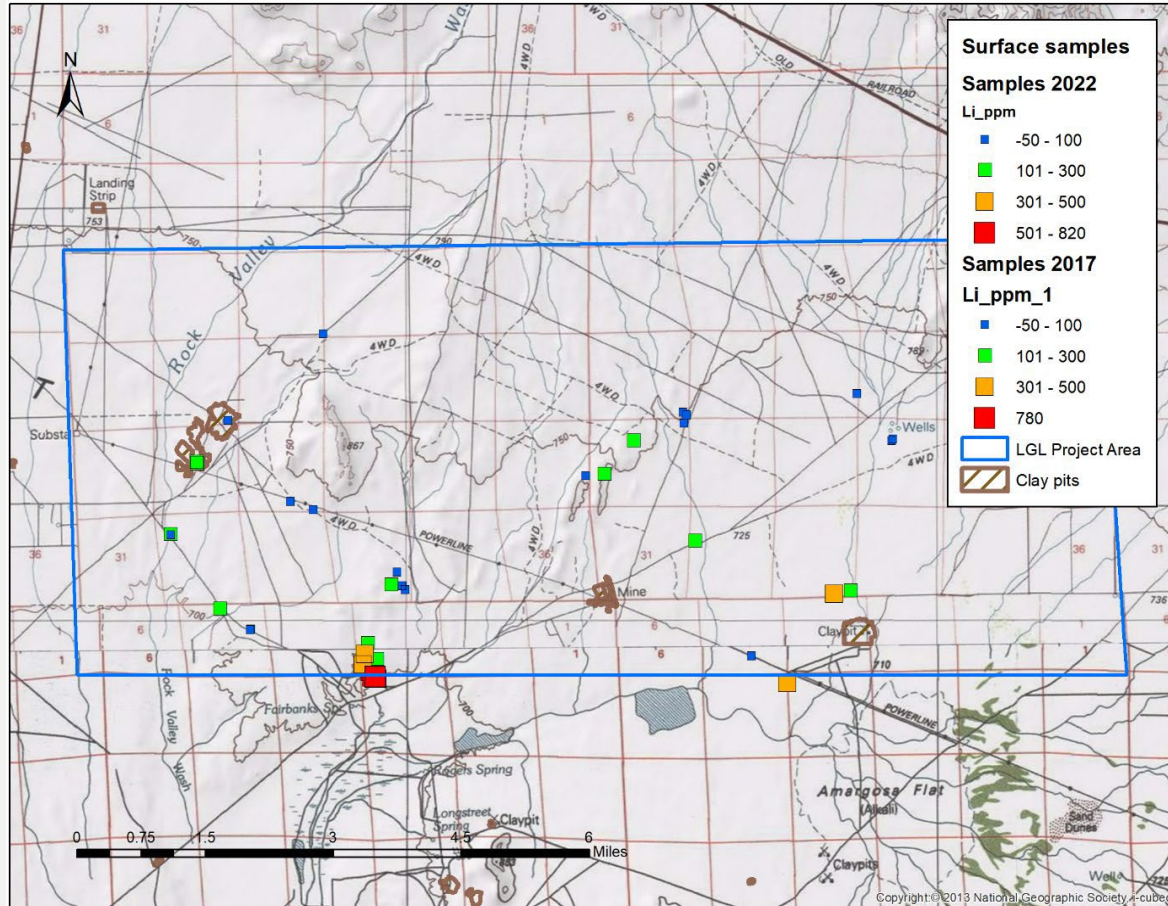
1. Historic water well drill logs at the LGL project from the U.S. Geological Survey. Drill holes are at the far east and far west borders of the property. The resource potential of the LGL project is based on using Noram Lithium's Zeus project as comparable for an extrapolation of the LGL clay ore body over 24.28km² x 105 meters deep.

2. Aqua regia acid tests conducted by Rover Metals, through ALS Laboratories, on its surface grab samples at its LGL project indicate **64%-98% Lithium Recovery. Lithium is weakly bound to clays.**

3. **Century Lithium's Clayton Valley project** and **American Lithium's TLC Lithium project** are the closest geological claystone similarities to Rover's LGL project, based-on tested clay properties.

LGL Project Phase 1 Exploration - Surface Sampling Program

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1. Lab verified surface grab samples have returned multiple high-grade lithium values above 650 ppm Li (>0.065% Li). Highest surface sample of 1,218 ppm (0.12% Li).

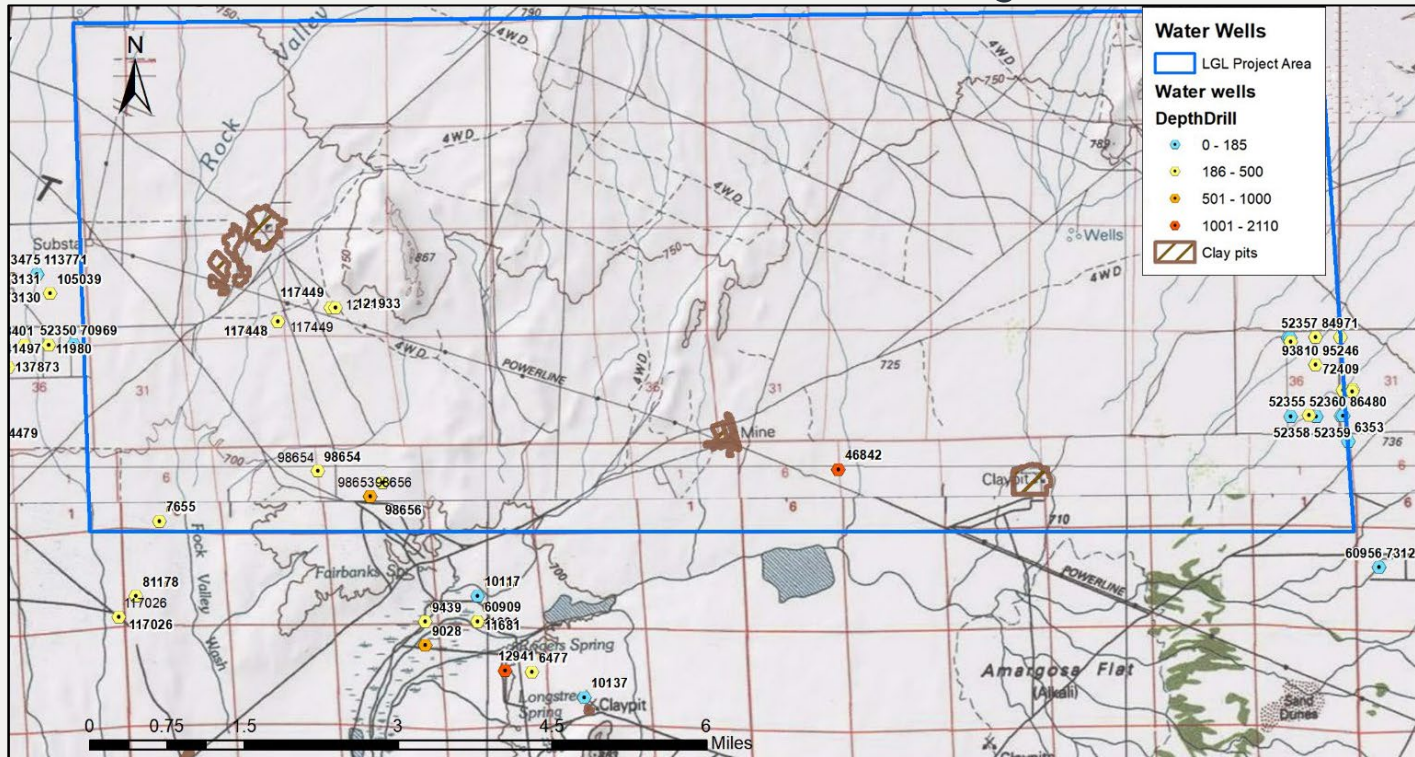
2. The nearby (11km's) historic Franklin Wells mine produced hectorite clay which averaged 1,000 ppm Lithium.

3. The LGL projects adjoins [Lhoist North America's](#) Armargosa Valley operations which has been mining uncommon clays (sepiolite and saponite) since 1966.

4. Rover Metals believes there is also a high likelihood of a **sepiolite and saponite** (drill mud) discovery at the project.

Historic Water Well Drill Logs

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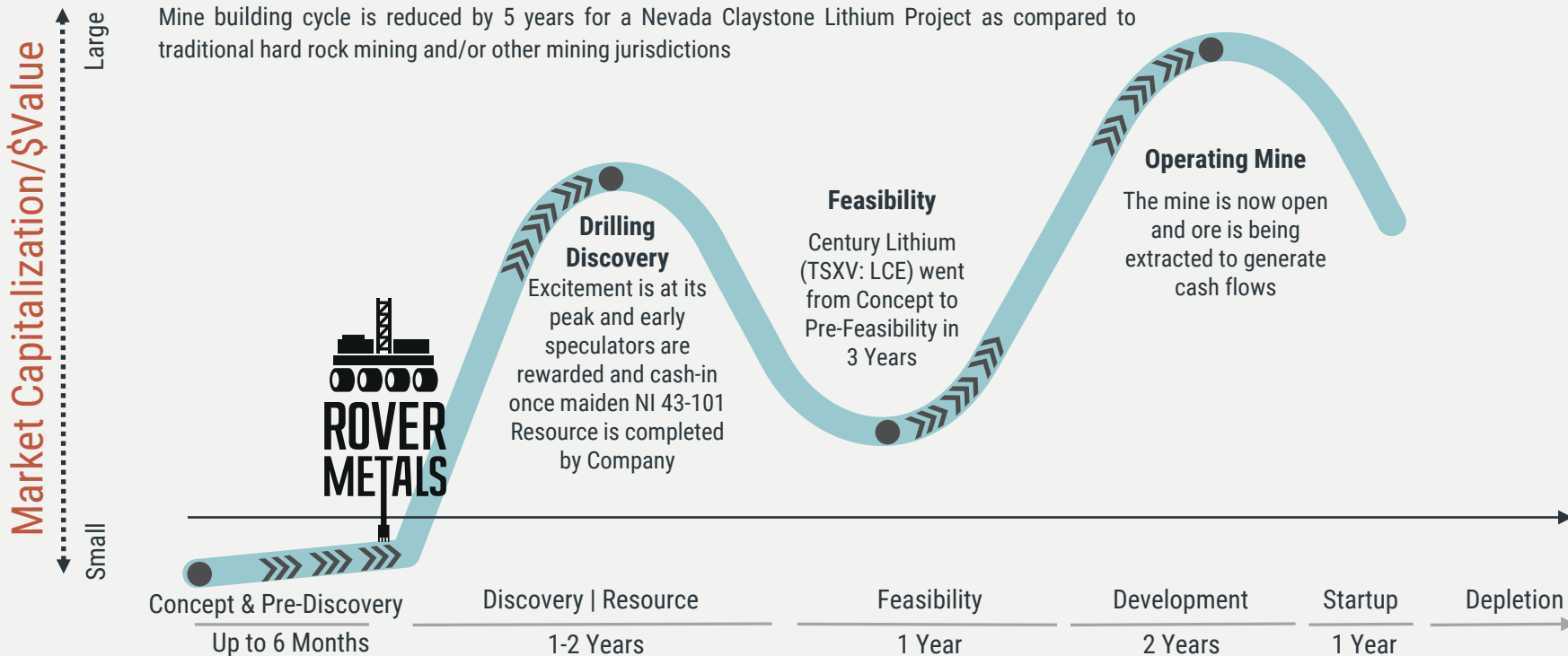


1. Historic water wells drilled on or near the project. The drill logs show an average thickness of the claybeds to be 105 meters (~350 feet). The claybeds start at surface or within meters of surface (<6m from surface).
2. The LGL project is approximately 6,000 acres in size, as indicated by the blue box on the map. Later stage comparable claystone lithium projects (with a suggested PFS mine life) in the southwest Nevada jurisdiction have land packages in the 2,000 acre to 8,000 acre range.

Table: Mineable Lithium Deposit Type

	Claystone	Brine	Hardrock
Mine Product	Lithium Carbonate (Li₂CO₃)	Lithium Carbonate (Li ₂ CO ₃)	Spodumene Concentrate (6% Li ₂ O)
Typical Grade	700 – 3,000 ppm Li metal	500 – 1,000 ppm Li metal	4,500 – 7,000 ppm Li metal
Production Steps	Mining Acid Leaching Filtration Recovery	Pumping of Brine Evaporation Crystallization	Mining Crushing and Grinding Roasting Acid Leaching Evaporation/Crystallization
Estimated Cash Costs / Tonne Li ₂ CO ₃	USD\$3,340 / tonne¹	USD\$2,500 – \$4,000 / tonne ²	USD+\$6,000 / tonne ²

1. As per **Century Lithium's Clayton Valley Project** Pre-Feasibility Study.
2. Industry and public mining company reports.



TEAM OF CAREER MINING EXECUTIVES

JUDSON CULTER

CEO & Director, CPA



KEITH MINTY

President & Director, P. Eng



OLIVER FOESTE

CFO, CPA



DAVE WHITE

Exploration PM, P. Geo



James Ingrassia

Lithium Specialist, Geo



DIRECTORS:

Gary MacDonald, MBA

Eugene Hodgson

Salim Tharani



ADVISORY BOARD:

Robert Schafer, P. Geo

John Zimmerman, Geo

Henrik Mikkelsen



OPPORTUNITY

- Invest into the Discovery and Pre-Resource Disclosure Stage of Junior Mining Lithium Company.
- Lithium is the top performing commodity metal for 2021 and 2022, with a strong price forecast through 2023.
- Nevada mining has an accelerated business model, and ranked as the number 1 district in the world.
- Nevada is on the back-bone of the U.S. EV Industry (Tesla Giga factory). Scaling to multi-billion dollar industry. Tesla is scaling annual battery production to 100-gigawatt hours by 2024.
- Rights to a 100% ownership interest in our LGL Nevada lithium project.
- Experienced Team of Mining Executives.

- Project has green-hydro energy and water rights.
- Proximity to existing mines.
- Project has road access and railway access.
- Project has nearby readily available skilled labor.

INFRASTRUCTURE

- Billions of Dollars in Tax Credits and Government Incentives from the U.S. Government.

GOVERNMENT POLICY

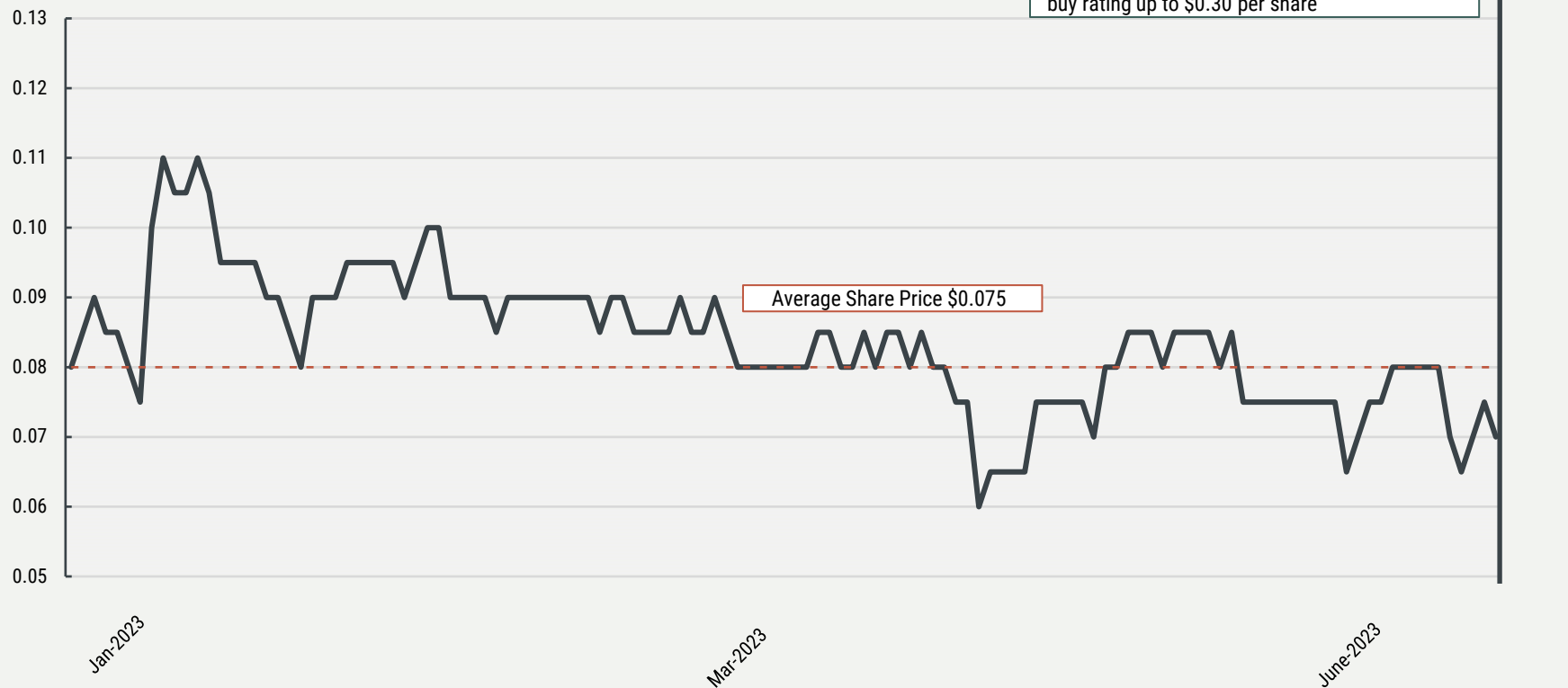
- Environmental = Good
- Social = Great
- Governance = Great

ESG

Appendix

ROVER METALS

ROVR (TSXV) H1-2023 Share Price Performance



	Common Shares	(%) Ownership
Insiders & Management	5,000,000	9.1%
Free Float	37,429,712	68.1%
Common Shares Outstanding⁽¹⁾	42,429,712	
(+) \$0.08 Unit Financing Common Shares	9,962,500	22.8%
Post-Financing Common Shares Outstanding	52,392,212	100.0%
(+) OTM Warrant Issuances ⁽²⁾	31,192,810	
Diluted	83,585,022	

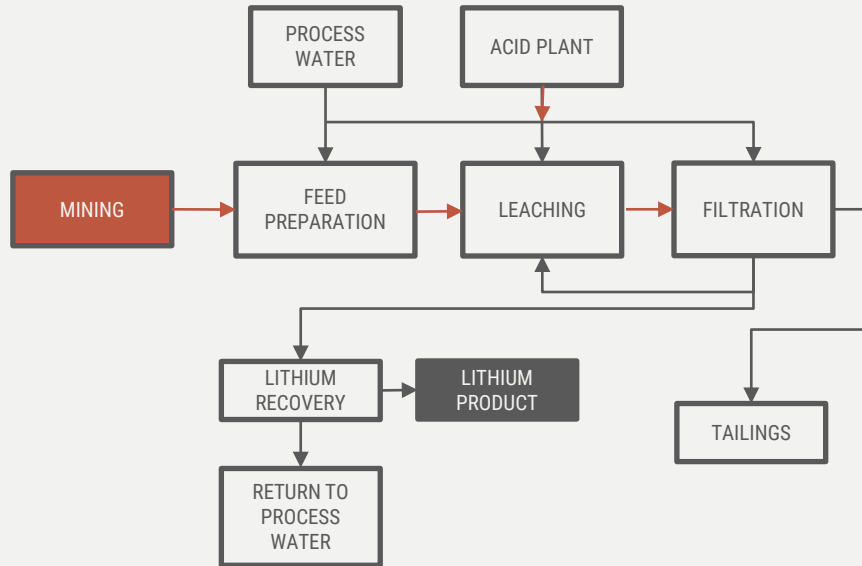


⁽¹⁾Reflects the ownership of other zinc, copper, silver, and gold resource assets.

⁽²⁾ OTM Warrant Issuances:	Strike Price	Expiry (M-Y)
20,663,882	\$0.12	Jun-25 to Feb-26
6,170,799	\$0.15	May-25
4,358,129	\$0.20	May-25

Claystone Lithium Mining – Milling Flowsheet: Economic Recovery of Lithium Carbonate (Battery-Grade Lithium)

Generalized Processed Diagram



Century Lithium’s Clayton Valley Lithium Project

For a detailed overview of the Clayton Valley Lithium Project’s mining production flowsheet, including the 83.0% Lithium processing recovery rate, reference the [August 2020, Prefeasibility Study Technical Report](#) prepared for Century Lithium Corp. (TSXV: LCE).

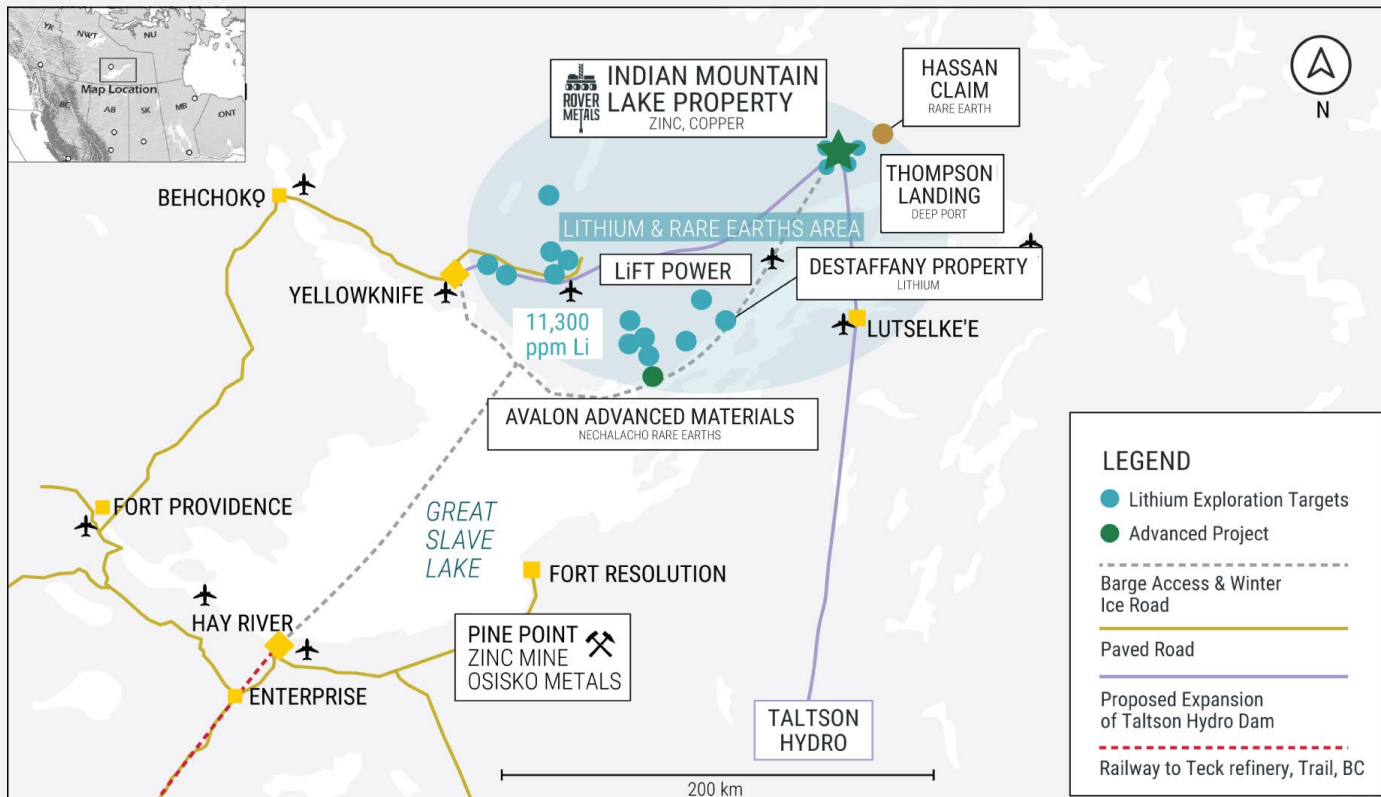
On [September 19, 2022](#), Century Lithium Corp. announced the production of 99.94% battery grade lithium carbonate (Li_2CO_3) at its pilot plant. Industry standard Battery Grade Li_2CO_3 being >99.5%.

U.S. Government Funding For Accelerated Lithium Mine Growth



Level of Government	Incentive Funding Type
Federal – Biden Administration	Bill H.R.5376 Inflation Reduction Act of 2022
Federal – Military / Biden Administration	Defence Production Act
Federal – <u>Draft</u> Legislation	Personal Tax Credits for U.S. Accredited Investors
State – <u>Draft</u> Legislation	Nevada State Grants for Lithium Development (similar to proposals in California)

Additional Exploration Asset – Zinc-Copper-Lithium



Southern NT, Canada is known for Rare Earth Elements and Lithium, Zinc, and Copper.

The Indian Mountain Lake project is an advanced greenfields Zinc - Copper project, with greenfields exploration potential for lithium and rare earths.

Several junior miners operating in the area:

- LiFT Power (CSE: LIFT):**
Yellowknife Pegmatites
- Loyal Lithium (ASX: LLI)**
Yellowknife Pegmatites
- North Arrow (TSXV: NAR)**
Destaffany Pegmatites
- Avalon Advanced Materials**
REEs
- Rover Metals (TSXV: ROVR)**
Zinc-Copper-Lithium
- Osisko Metals (TSXV: OM)**
Zinc

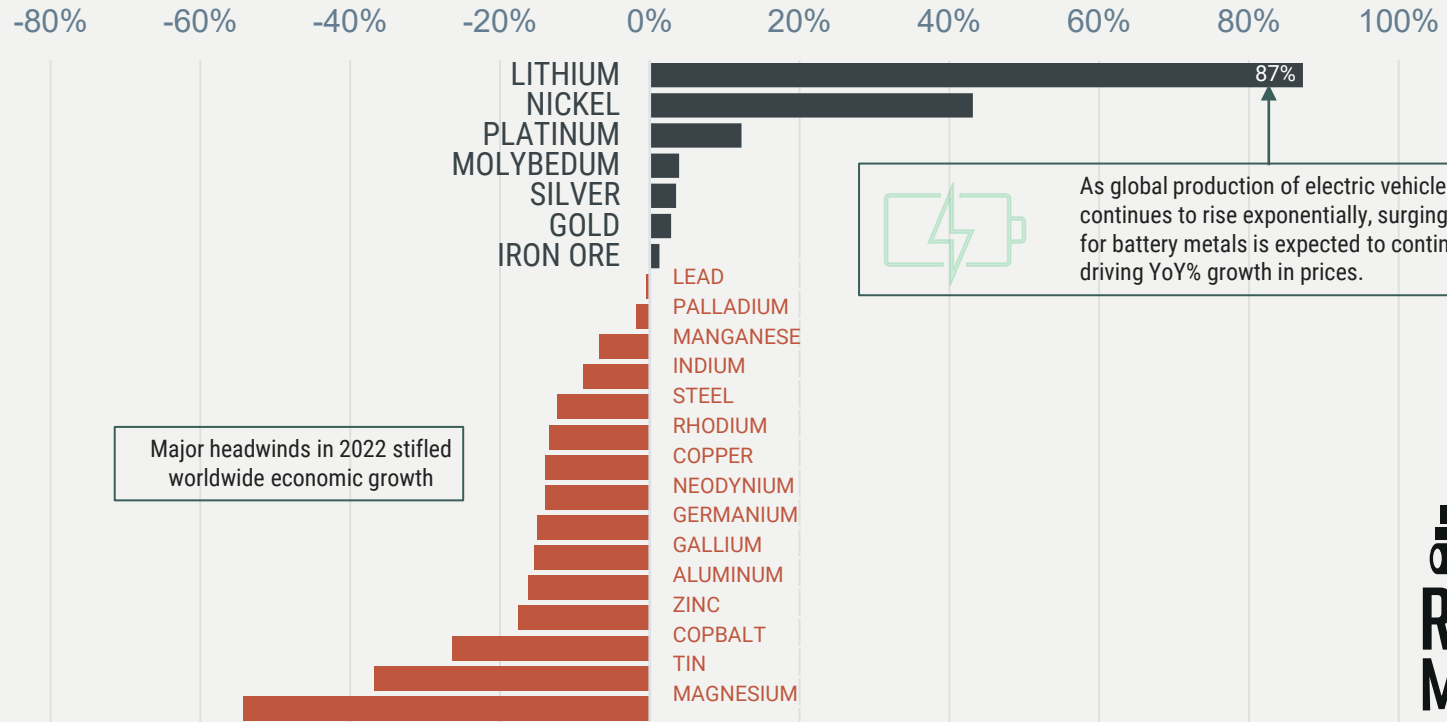
Global Risk of Nationalization of World's Largest Lithium Assets

Sorting: High Risk & by Size	Country	Li Reserves + Resources (Tons ¹) 2022	Nationalization Risk
1	Argentina	22,700,000	High
2	Bolivia	21,000,000	High
3	Chile	20,300,000	High ²
4	China	10,800,000	High
5	Congo	3,000,000	High
6	Brazil	980,000	Medium
No Risk	Australia	14,100,000	Low
No Risk	United States	13,000,000	Low
No Risk	Canada	3,830,000	Low
No Risk	Germany	3,200,000	Low

1. U.S.G.S.: <https://pubs.usgs.gov/periodicals/mcs2023/mcs2023-lithium.pdf>

2. On April 21, 2023, Chile's President, Gabriel Boric, announced plans to nationalize Chile's lithium mining industry.

1. Source: <https://tradingeconomics.com/commodity/lithium>
(2022 compared to 2021)

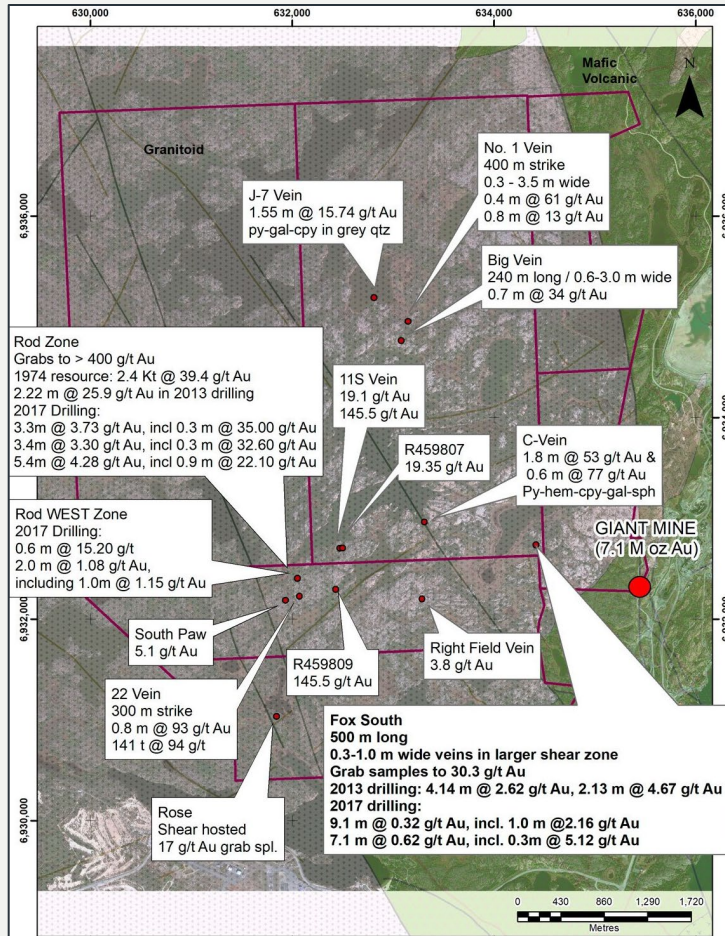


Major headwinds in 2022 stifled worldwide economic growth

As global production of electric vehicles continues to rise exponentially, surging demand for battery metals is expected to continue driving YoY growth in prices.



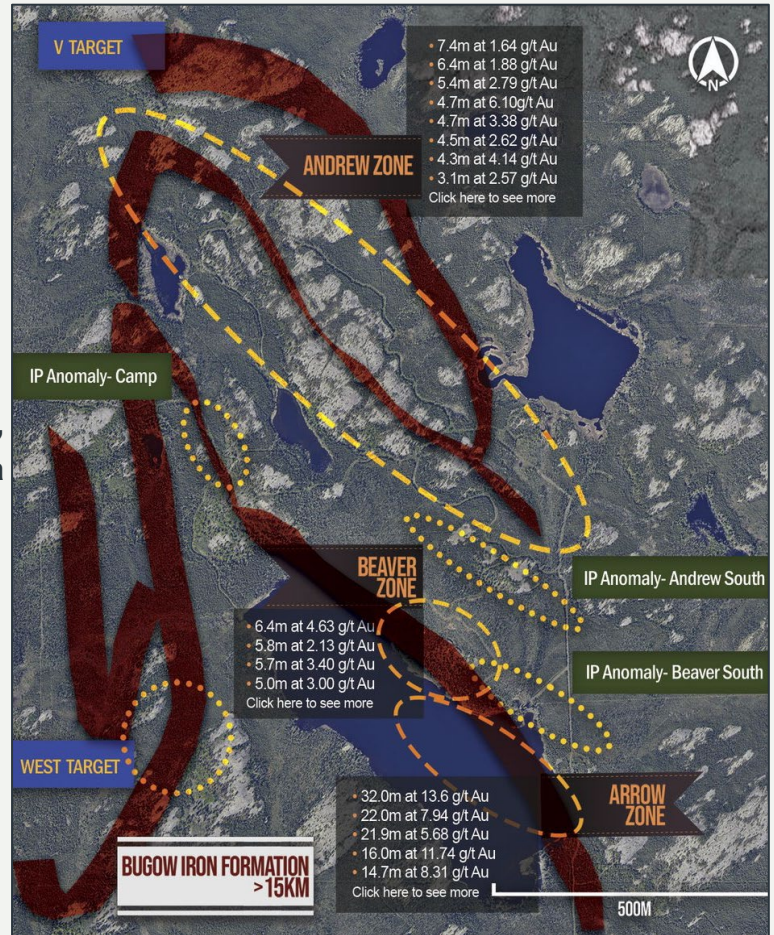
Additional Exploration Assets – High Grade Gold Projects

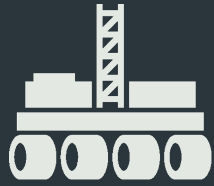


Up Town Gold Project, NT, Canada



Cabin Gold Project, NT, Canada





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Thank You

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