ROVER
CRITICAL MINERALS

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

ADVANCING LITHIUM IN NEVADA, USA

March 2024

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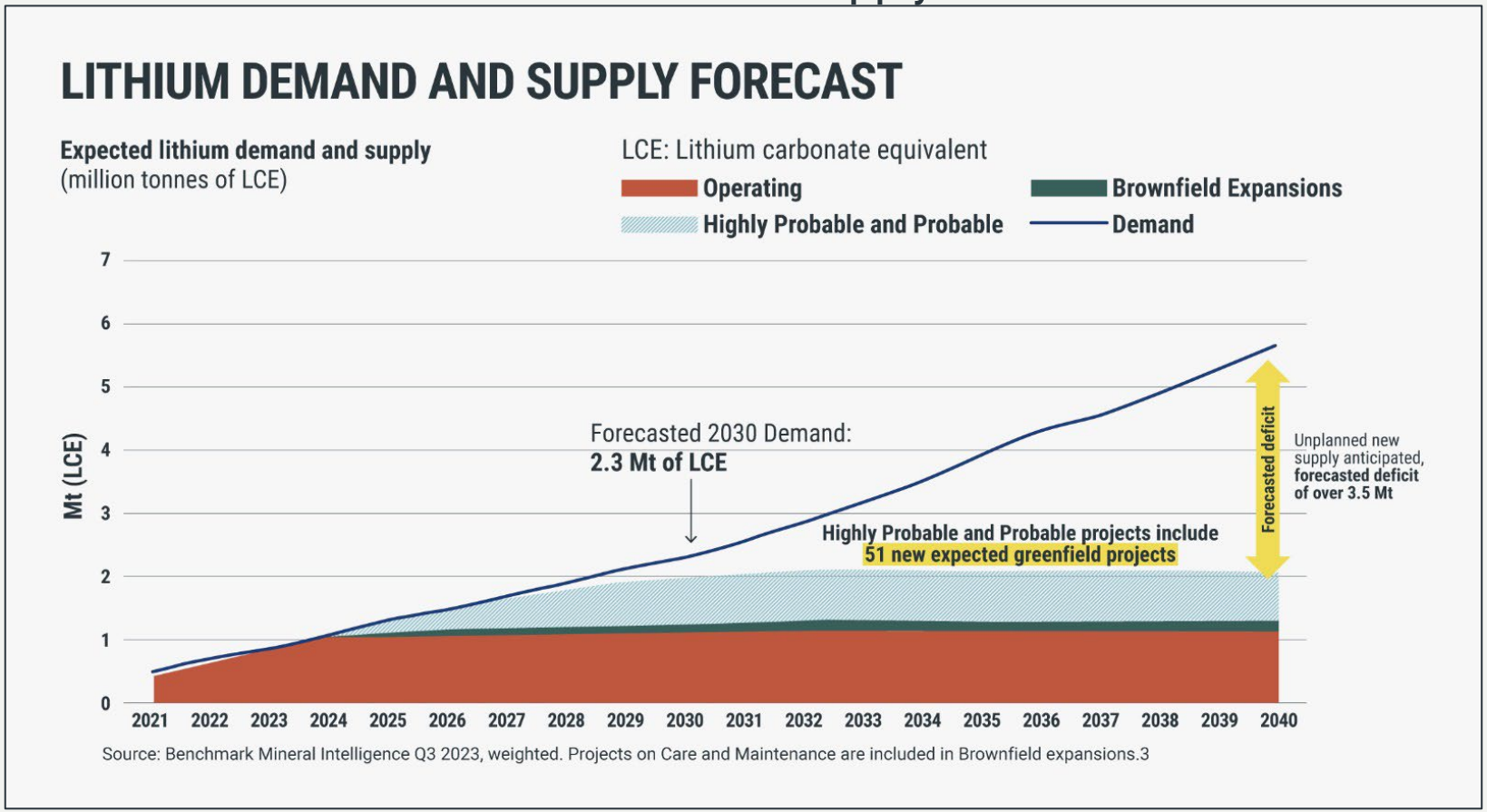
Lithium Demand and Supply Forecast



The Business Case For Nevada Lithium

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1st Investment Attractiveness

1st Policy Perception Index

2022 Mining Survey

FRASER INSTITUTE

	Investment Attractiveness	Policy Perception	Current Mines
Nevada	1st	1st	5th
Arizona	7th	7th	11th
South Australia	9th	3rd	19th
Botswana	10th	2nd	22nd
SK	3rd	15th	2nd
ON	12th	18th	7th
YT	20th	31st	10th
BC	15th	27th	14th

TESLA — 2024

Ford | REDWOOD MATERIALS — 2030

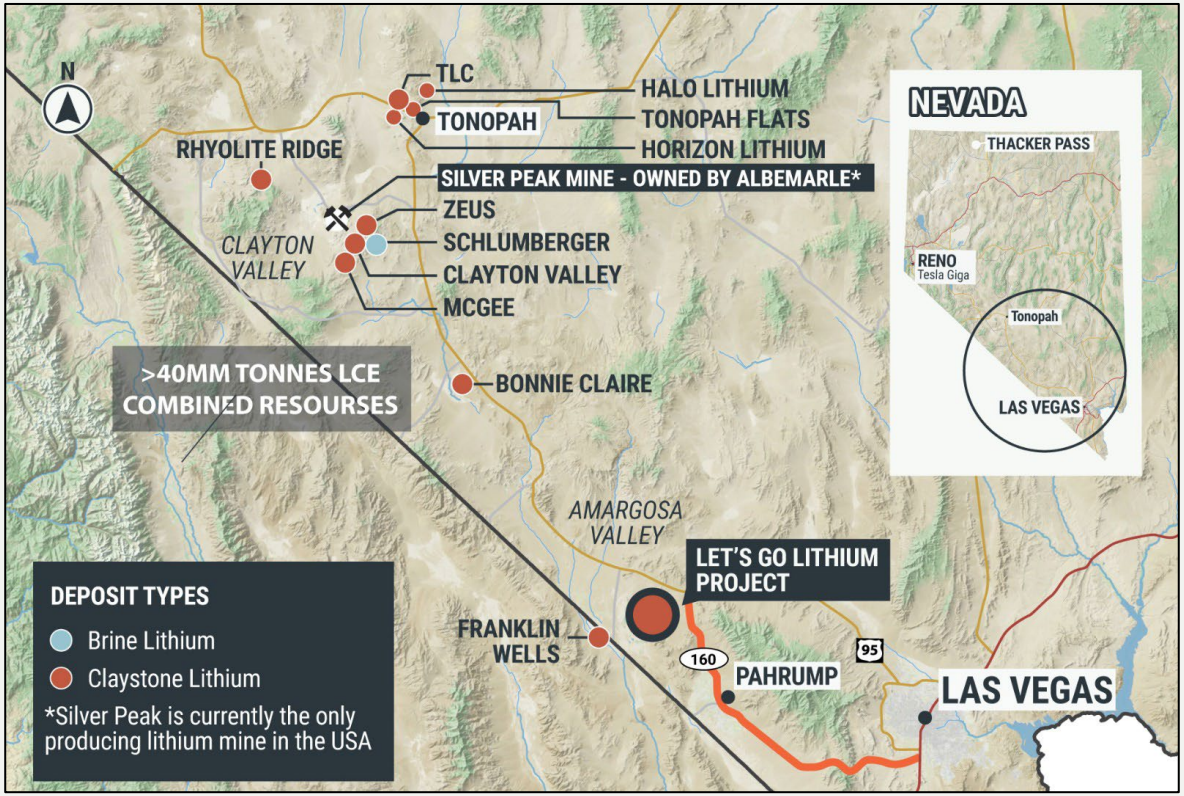
Panasonic — 2030

Vertical Integration into the Lithium Mining Sector

- Reno, NV, is the U.S. epicentre for EV battery raw material recycling and E.V. battery manufacturing
  -Telsa, Ford | Redwood Materials, Panasonic
- 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 Softrock (claystone) 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 Armargosa Valley historic lake bed is a similar ancient lake to the Clayton Valley historic lake bed. Rover Critical Minerals has multiple high-grade lithium-claystone surface grab samples (>650ppm li) across the 8,300 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.

LGL Project: High Grade - At Surface

The **LGL project** "target ore body" is closer to surface then 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.

Outright Ownership of LGL (2023) = 20%. Rover Critical Minerals has rights to acquire remaining 80% staged-ownership interest in the LGL project.

1,218 ppm lithium surface sample[1]

1. 1,218 ppm Li by SkiAps 903 LIBs Analyzer.

LGL Project Phase 1 Exploration - Surface Sampling Program

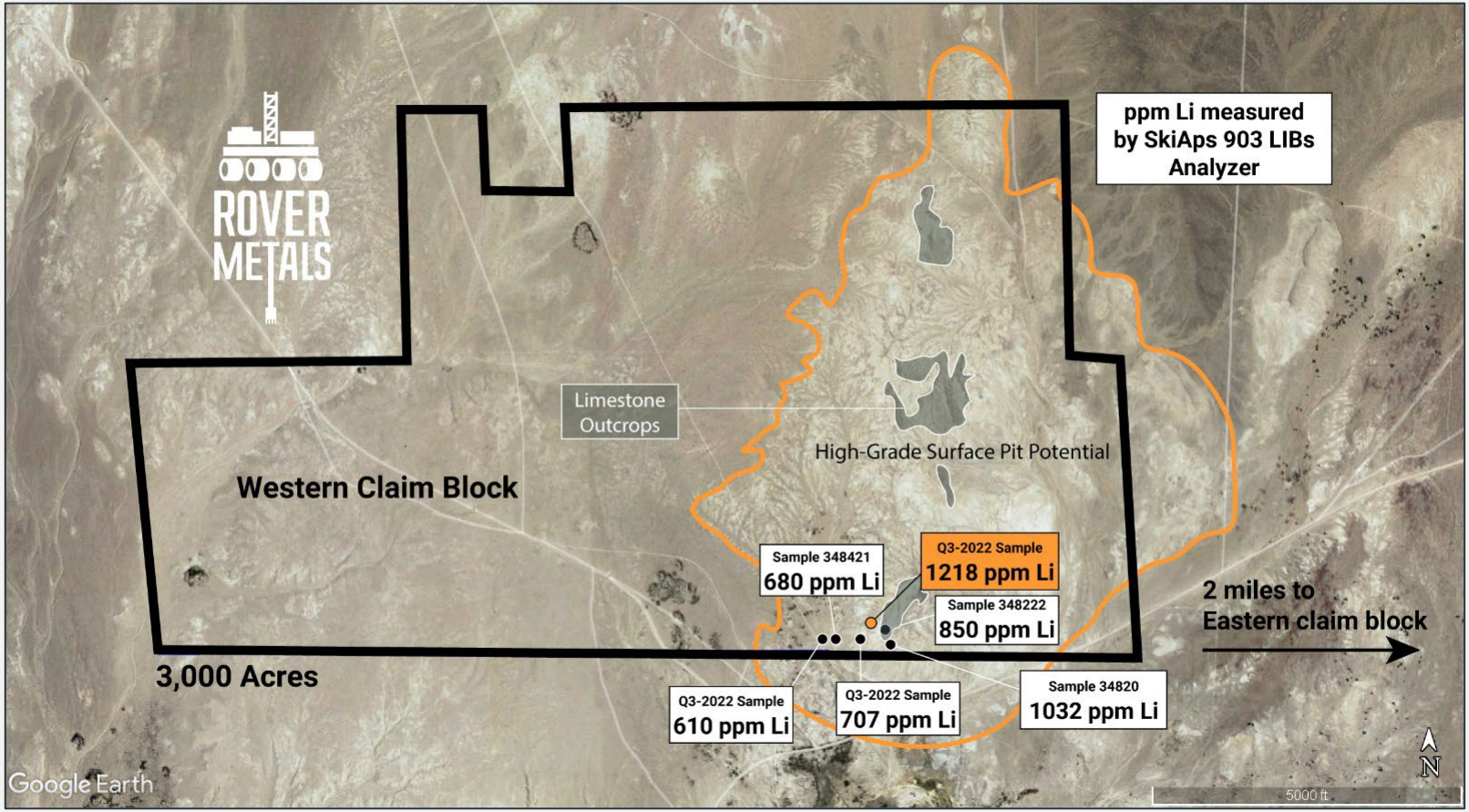
1. Lab verified surface grab samples have returned multiple high-grade lithium values above 650 ppm Li (>0.065% Li). Highest surface sample of 1,218 ppm (0.12% Li).

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

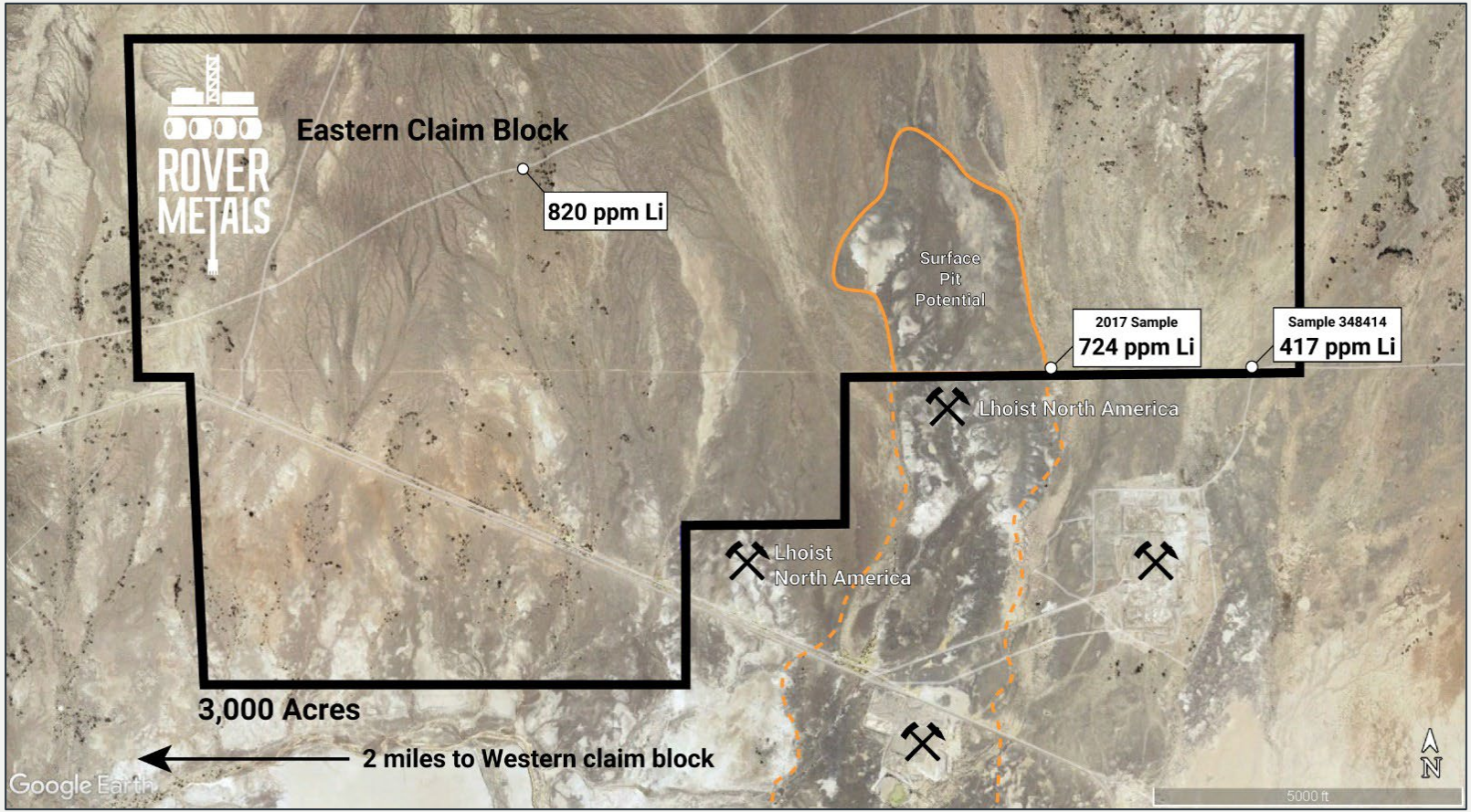
3. The LGL projects adjoins Lhoist North America's Armargosa Valley operations which has been mining uncommon clays (sepiolite and saponite) since 1966.

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

LGL Project: High Grade - At Surface



LGL Project: High Grade - At Surface



LGL Project: Work-In-Progress

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1. Permitting for Lithium Resource Definition Drilling (21 drill holes)
   - -Water Table Flow Model
   - -Environmental Assessment Study
   - -Cultural Study
2. Operational Water Rights Negotiations
   - -Exploration Water Rights already secured
2. Public Engagement and Community Support
3. Exploration: Systematic Auger Soil Sampling Program
   - -H1 2024
4. DLE Research and EV Battery Recycling Partnership Opportunities

UES™ Formerly McGinley & Associates

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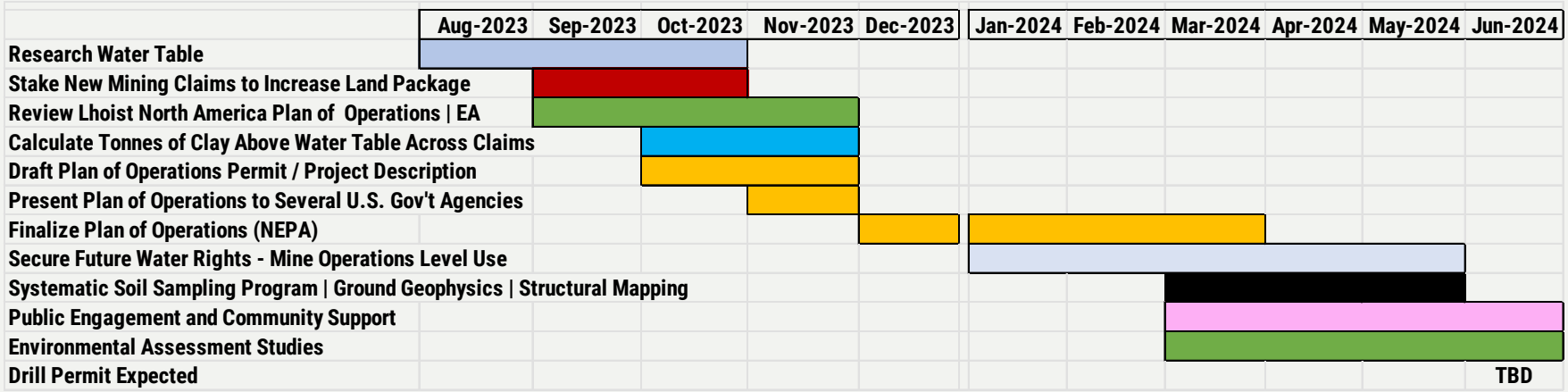
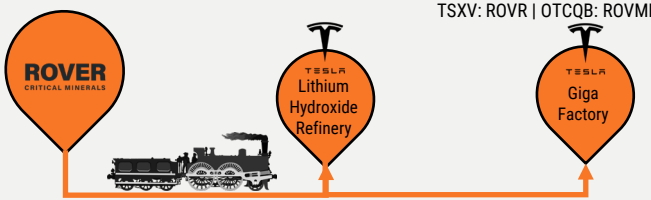
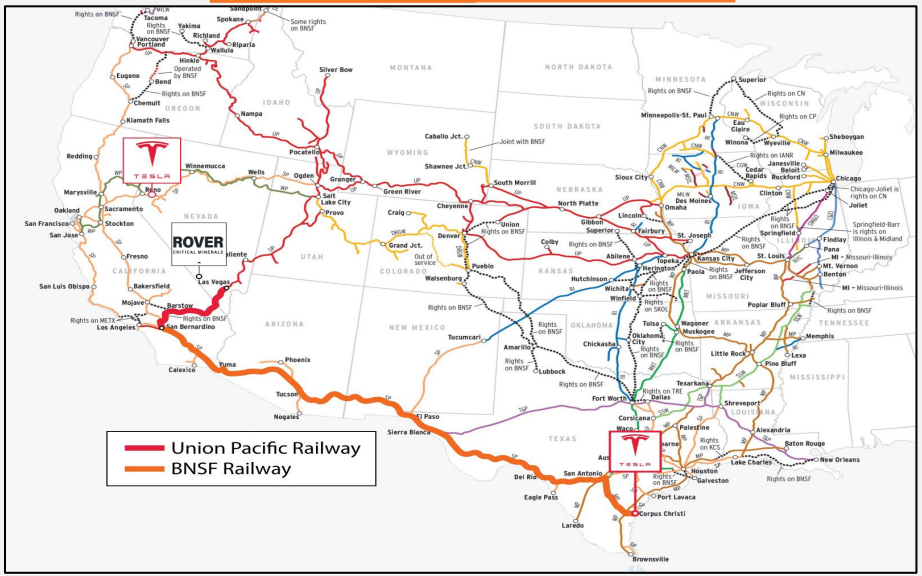


Project Infrastructure

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: 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***	***8,300 acres***	***1,218 ppm***	***Pre-resource; Pre-drilling***	***At surface, or within 1/2 meter[1]***	***105 meters[1]***	***Pre-resource; Pre-drilling (5-10MM tonne LCE potential) [1]***	***n/a***	***$1.8MM***
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**	**$175M**
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	**$24MM**
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	**$40MM**

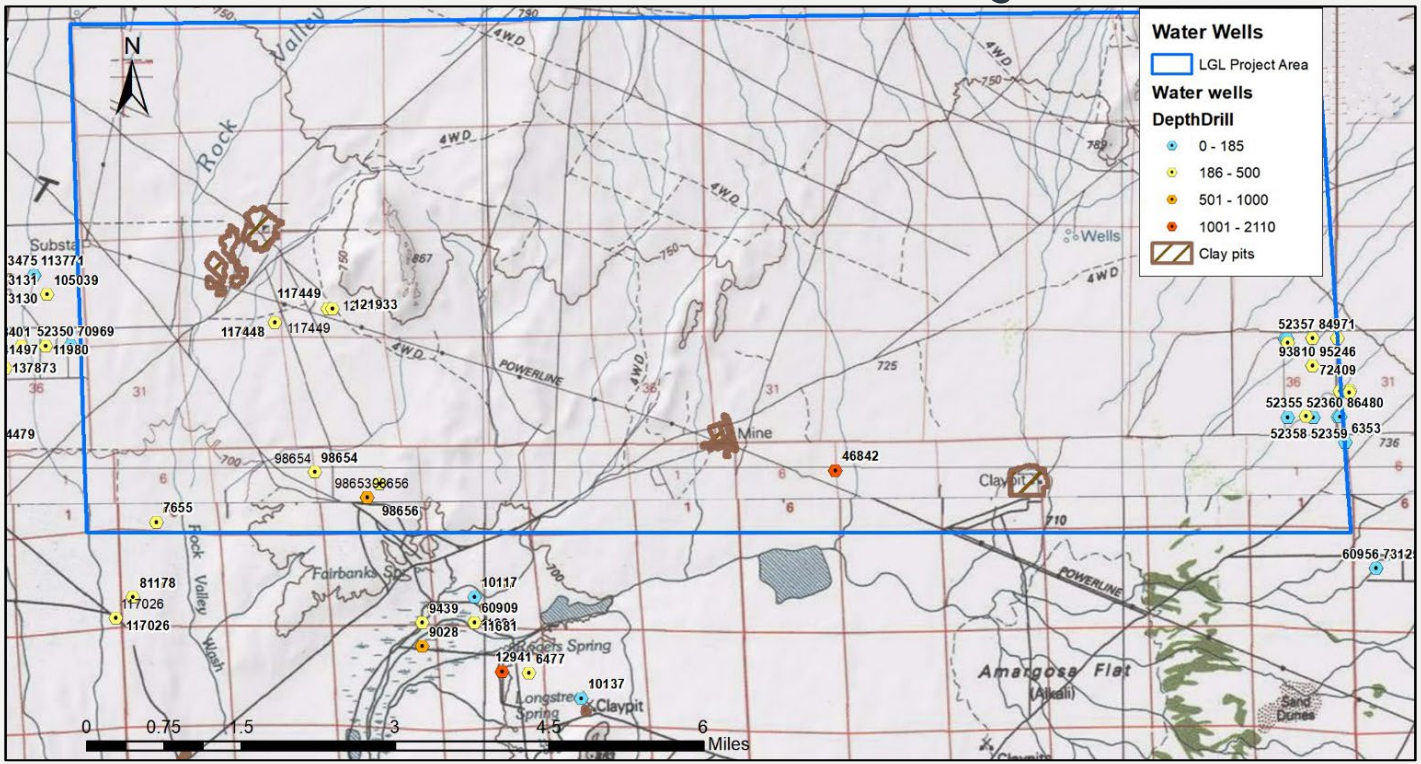
1. Historic water well drill logs at the LGL project from the U.S. Geological Survey. Drill holes are at the far east and far west borders of the property. The resource potential of the LGL project is based on using Noram Lithium's Zeus project as comparable for an extrapolation of the LGL clay ore body over 24.28km^2 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

Company	Project, Location	Project Size	Lithium Resource Size	Depth of Ore Body from Surface	Highest Surface Lithium Grade Li	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*	*8,300 acres*	*Pre-resource (4-8MM tonne LCE potential)* [1]	***At surface, or within 1/2 meter*** [1]	***1,218 ppm***	*n/a*	*Discovery*	*n/a*	*$1.8MM*	*81% lithium* [2]
American Lithium (TSXV: Li) [3]	TLC, Tonopah, NV [3]	8,261 acres	10.69 million tonnes LCE	At surface	1,380 ppm	809 ppm	Pre-Feasibility	47 months	**n/a**	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	2,130 ppm	882 ppm	Pre-Feasibility, Pilot Plant	**31 months**	**$70MM**	83.0% lithium [3]
Ioneer (NASDAQ: IONR)	Rhyolite Ridge, Tonopah, NV	1,977 acres	3.35 million tonnes LCE	At surface	Not Available	1,741 ppm	Feasibility, Pilot Plant	**27 months**	**$200M**	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 McGinley and Associates/UES doing a calculation of tonnes of clay above the water table across the 8,300 acres of claims.
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.

Historic Water Well Drill Logs



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.

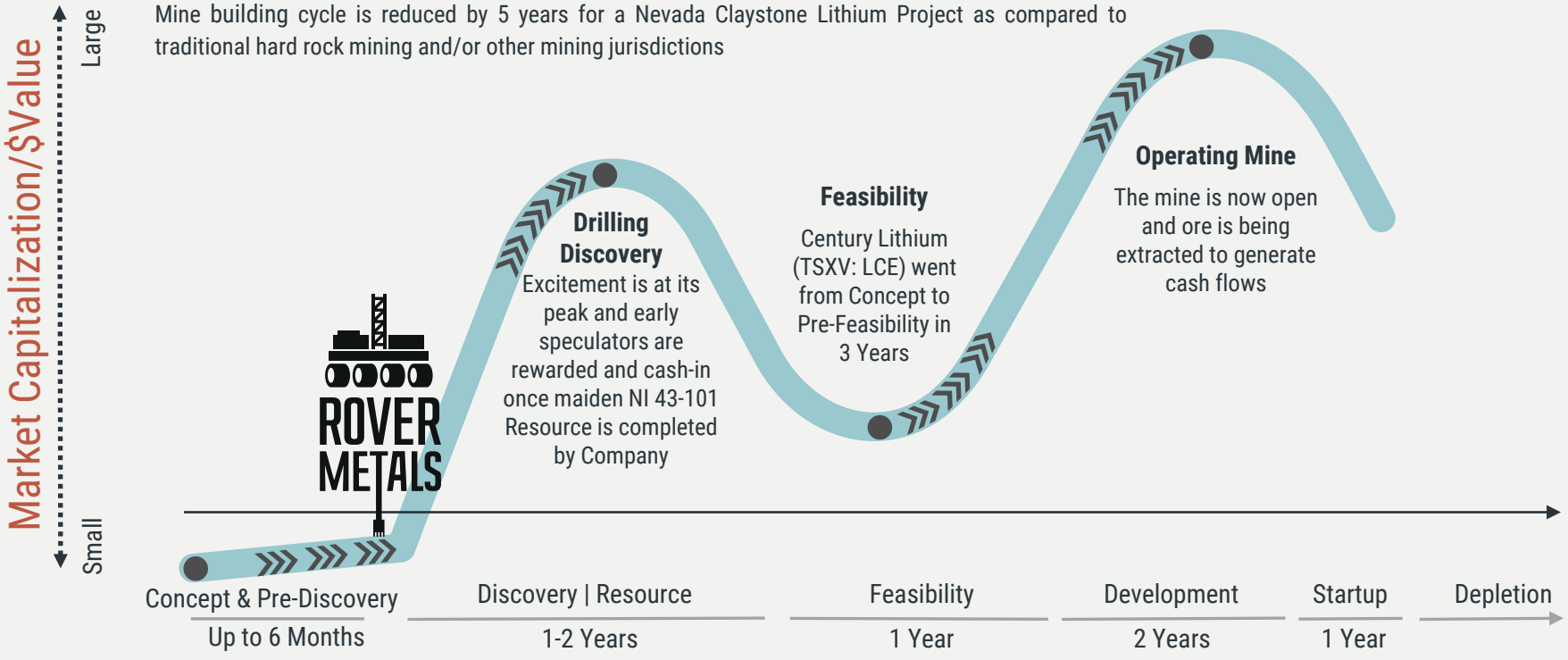
Lithium Production Cash Cost Per Tonne (Est.)

Table: Mineable Lithium Deposit Type

	Claystone	Brine	Hardrock
Mine Product	**Lithium Carbonate (Li_2CO_3)**	Lithium Carbonate (Li_2CO_3)	Spodumene Concentrate (6% Li_2O)
Typical Grade	**700 – 3,000 ppm Li metal** **(0.07% Li – 0.3% Li)** **(0.151 Li_2O – 0.646 Li_2O)**	500 – 1,000 ppm Li metal (0.05% Li – 0.1% Li) (0.108 Li_2O – 0.2153 Li_2O)	4,500 – 7,000 ppm Li metal (0.45% Li – 0.7% Li) (0.967 Li_2O – 1.507 Li_2O)
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_2CO_3	**USD$3,340 / tonne**[1]	USD$2,500 – $4,000 / tonne[2]	USD+$6,000 / tonne[2]

1. As per **Century Lithium's Clayton Valley Project** Pre-Feasibility Study dated 2021 (numbers are not inflation adjusted).
2. Industry and public mining company reports.

Lifecyle of a Nevada Claystone Miner



TEAM OF CAREER MINING EXECUTIVES

JUDSON CULTER
CEO & Director, CPA

PADDY MOYLAN
President & Director

OLIVER FOESTE
CFO, CPA

DAVE WHITE
Exploration PM, P. Geo

DOLLY VARDEN SILVER CORP
ARES STRATEGIC MINING
GALAN LITHIUM LIMITED
METEORIC RESOURCES
Invictus
inca one GOLD CORP.
AURORA GEOSCIENCES

DIRECTORS:

Gary MacDonald, MBA

Keith Minty, P.Eng

Salim Tharani

AMERICAN MINING CORPORATION
NAP ALLADIUM Mining for Clean Air
GTGOLD

ADVISORY BOARD:

Robert Schafer, P.Geo

Raul Sanabria, P.Geo

KINROSS
BHP
BAROYECA

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 2030.
- 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.
- 20% outright ownership of the LGL project, and rights to acquire remaining 80% staged-ownership interest.
- Experienced Team of Mining Executives.

INFRASTRUCTURE

- 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.

GOVERNMENT POLICY

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

ESG

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

Appendix

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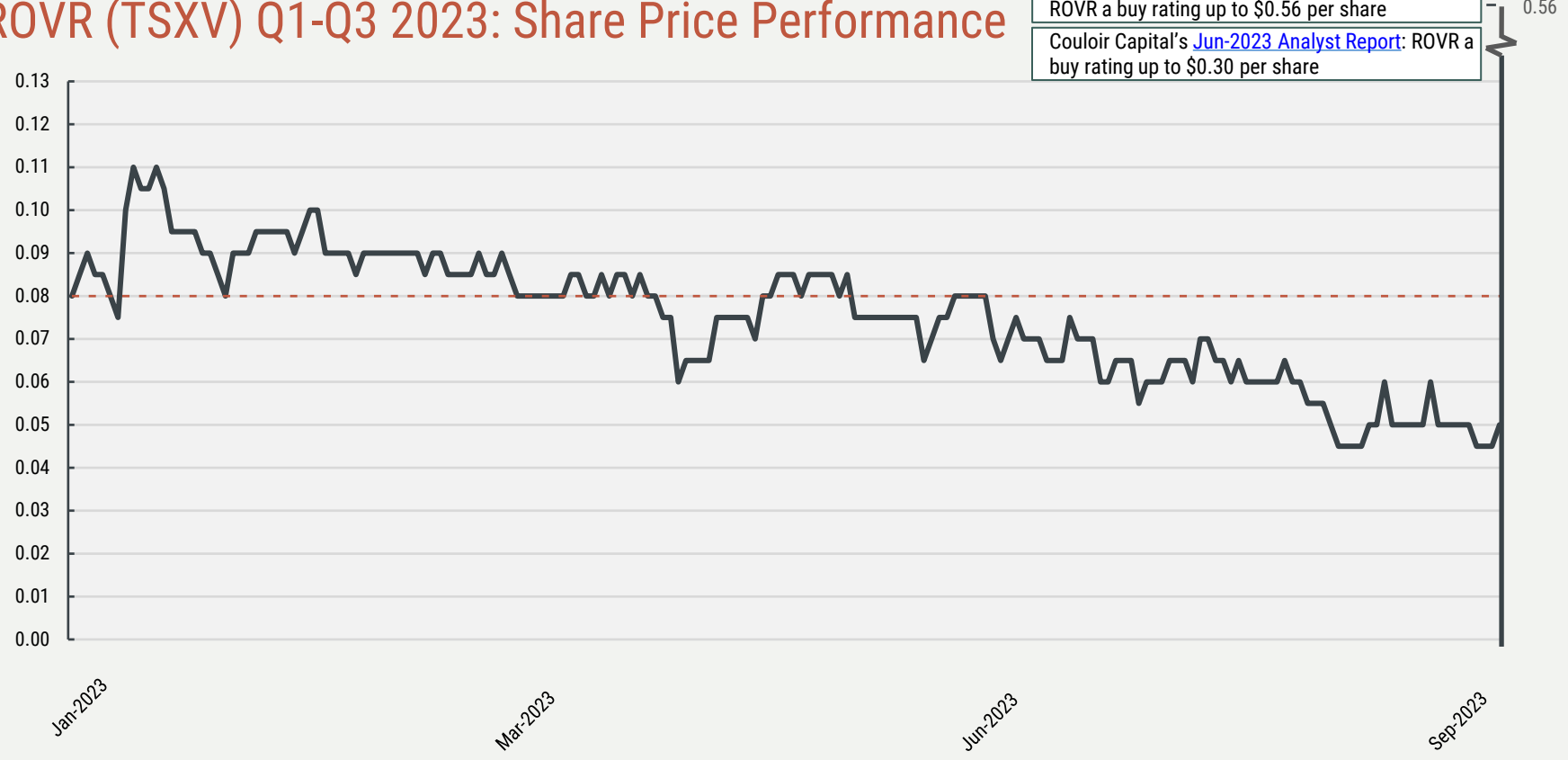
ROVR (TSXV) Q1-Q3 2023: Share Price Performance

Sphene Capital's Dec-2023 Analyst Report: ROVR a buy rating up to $0.62 per share

Fundamental Research's Dec-2022 Analyst Report: ROVR a buy rating up to $0.56 per share

Couloir Capital's Jun-2023 Analyst Report: ROVR a buy rating up to $0.30 per share



Capitalization Structure

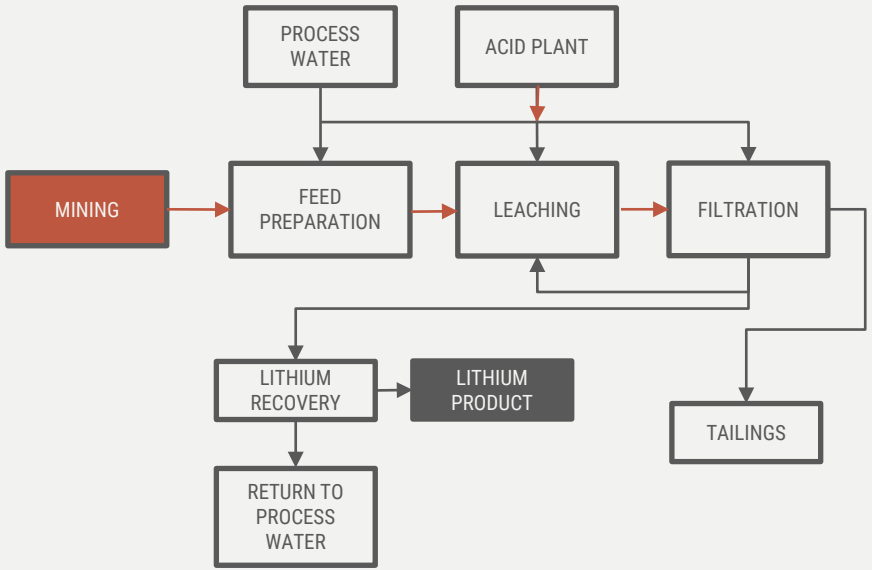
	Common Shares	(%) Ownership
Insiders & Management	5,000,000	9.5%
Free Float	47,598,338	90.5%
Common Shares Outstanding[1]	**52,598,338**	
(+) OTM Warrant Issuances [2]	31,192,810	
Diluted	**83,791,148**	

[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

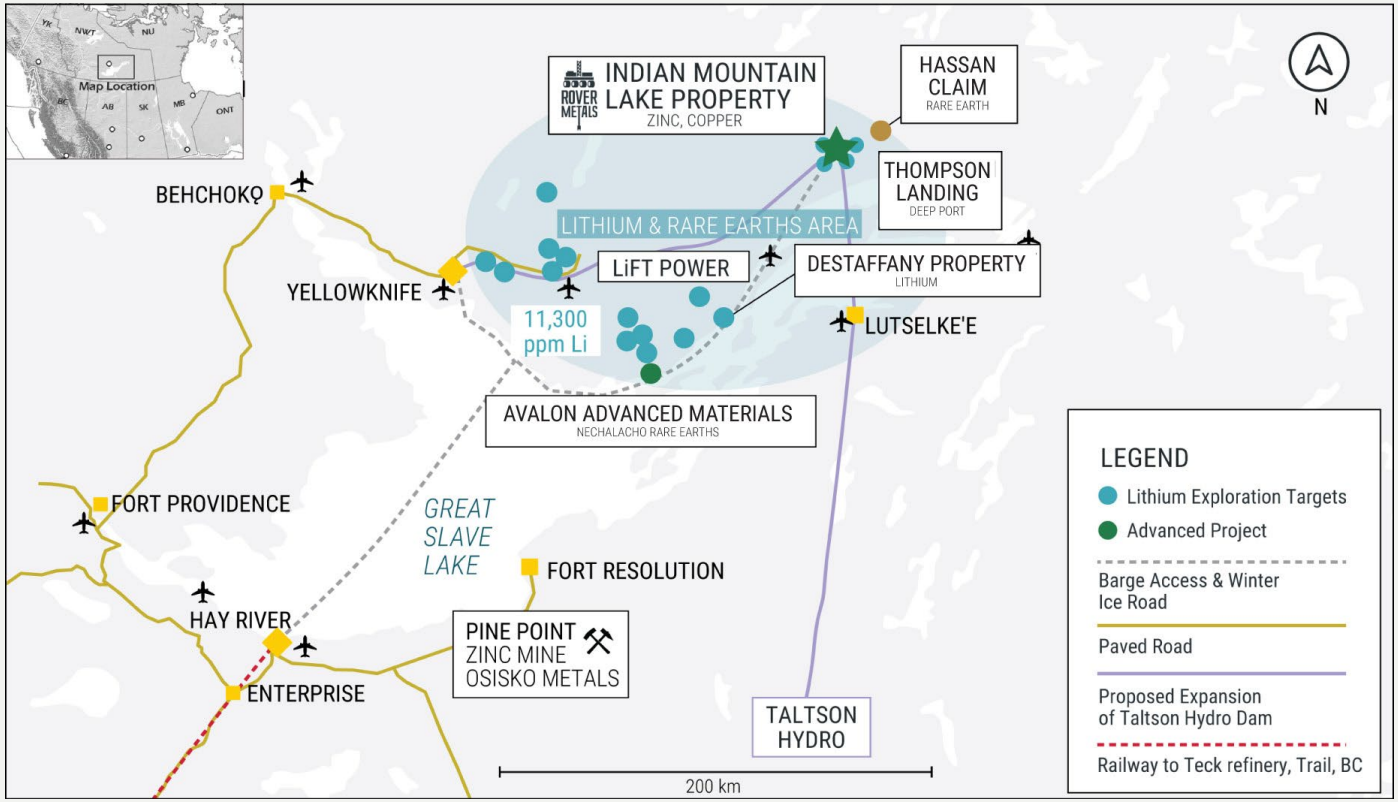
For a detailed overview of the Clayton Valley Lithium Project's mining production flowsheet, including the 83.0% Lithium processing recovery rate, reference the August 2020, Prefeasibility Study Technical Report prepared for Century Lithium Corp. (TSXV: LCE).

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 – Draft Legislation	Personal Tax Credits for U.S. Accredited Investors
State – Draft Legislation	Nevada State Grants for Lithium Development (similar to proposals in California)

Additional Exploration Asset – Zinc-Copper-Lithium



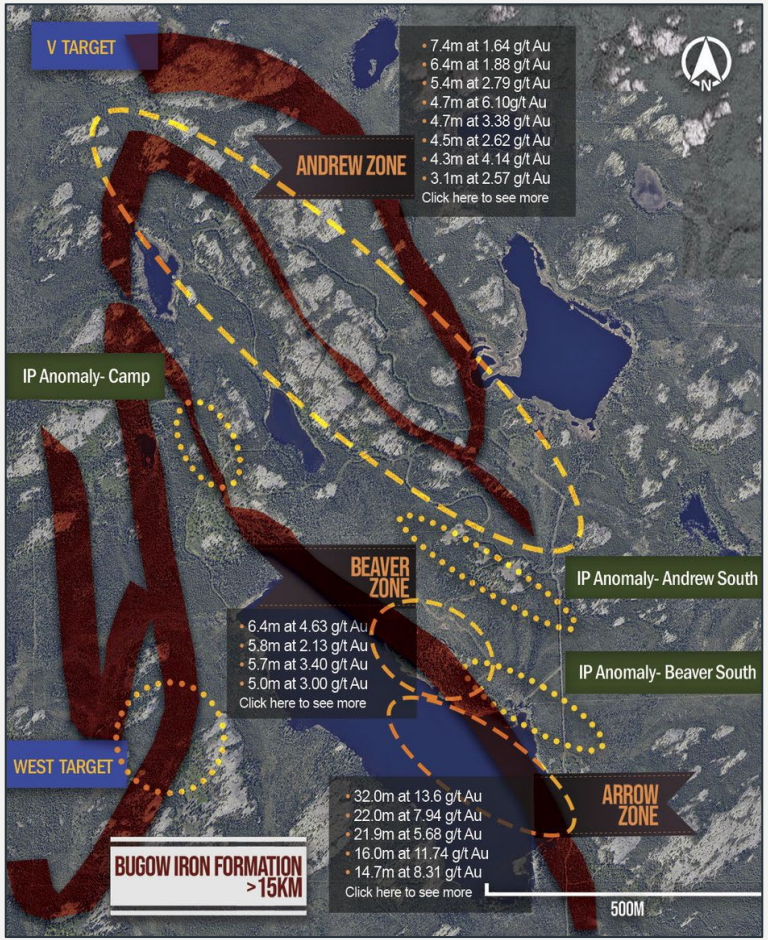
Southern NT, Canada is known for Rare Earth Elements and Lithium, Zinc, and Copper.

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:

1. **LiFT Power (CSE: LIFT)**: Yellowknife Pegmatites
2. **Loyal Lithium (ASX: LLI)** Yellowknife Pegmatites
2. **North Arrow (TSXV: NAR)** Destaffany Pegmatites
3. **Avalon Advanced Materials** REEs
4. **Rover Critical Minerals (TSXV: ROVR)** Zinc-Copper-Lithium
5. **Osisko Metals (TSXV: OM)** Zinc

Additional Exploration Assets – High Grade Cabin Gold Project



Cabin Gold Project, NT, Canada

No Annual Holding Costs

NI 43-101 Technical Report will be ready Jan-2024

Shovel Ready, and fully permitted through Jul-2025

Environmental Ranking: LGL Project

Table: Mineable Lithium Deposit Type[1]

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.

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Thank You

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