



UNLOCKING NORTH AMERICA'S GREEN FUTURE

CSE: NVLI | OTC: NVALF | FSE: YQ1.F

FORWARD LOOKING STATEMENTS

FORWARD-LOOKING STATEMENTS are not guarantees of future performance and involve risks, uncertainties and assumptions, which are difficult to predict. Assumptions underlying Nova Lithium's expectations regarding forward-looking statements or information contained in this Presentation include, among others, Nova Lithium's ability to comply with applicable governmental regulations and standards, its success in implementing its strategies, achieving its business objectives, the ability to raise sufficient funds from equity financings in the future to support its operations, and general business and economic conditions. The foregoing list of assumptions is not exhaustive. Prospective investors reading this Presentation are cautioned that forward-looking statements are only predictions, and that Nova Lithium's actual future results or performance are subject to certain risks and uncertainties including: risks related to Nova Lithium's mineral properties being subject to prior unregistered agreements, transfers or claims and other defects in title; risks related to Nova Lithium's history of losses, which may continue in the future; risks related to increased competition and uncertainty related to additional financing that could adversely affect its ability to attract necessary capital funding or obtain suitable properties for mineral exploration in the future; risks related to its officers and directors becoming associated with other natural resource companies, which may give rise to conflicts of interest; uncertainty and volatility related to stock market prices and conditions; further equity financing(s), which may substantially dilute the interests of Nova Lithium's shareholders; risks relating to its exploration operations; dependence on general economic, market or business conditions; changes in business strategies; environmental risks and remediation measures; and changes in laws and regulations.

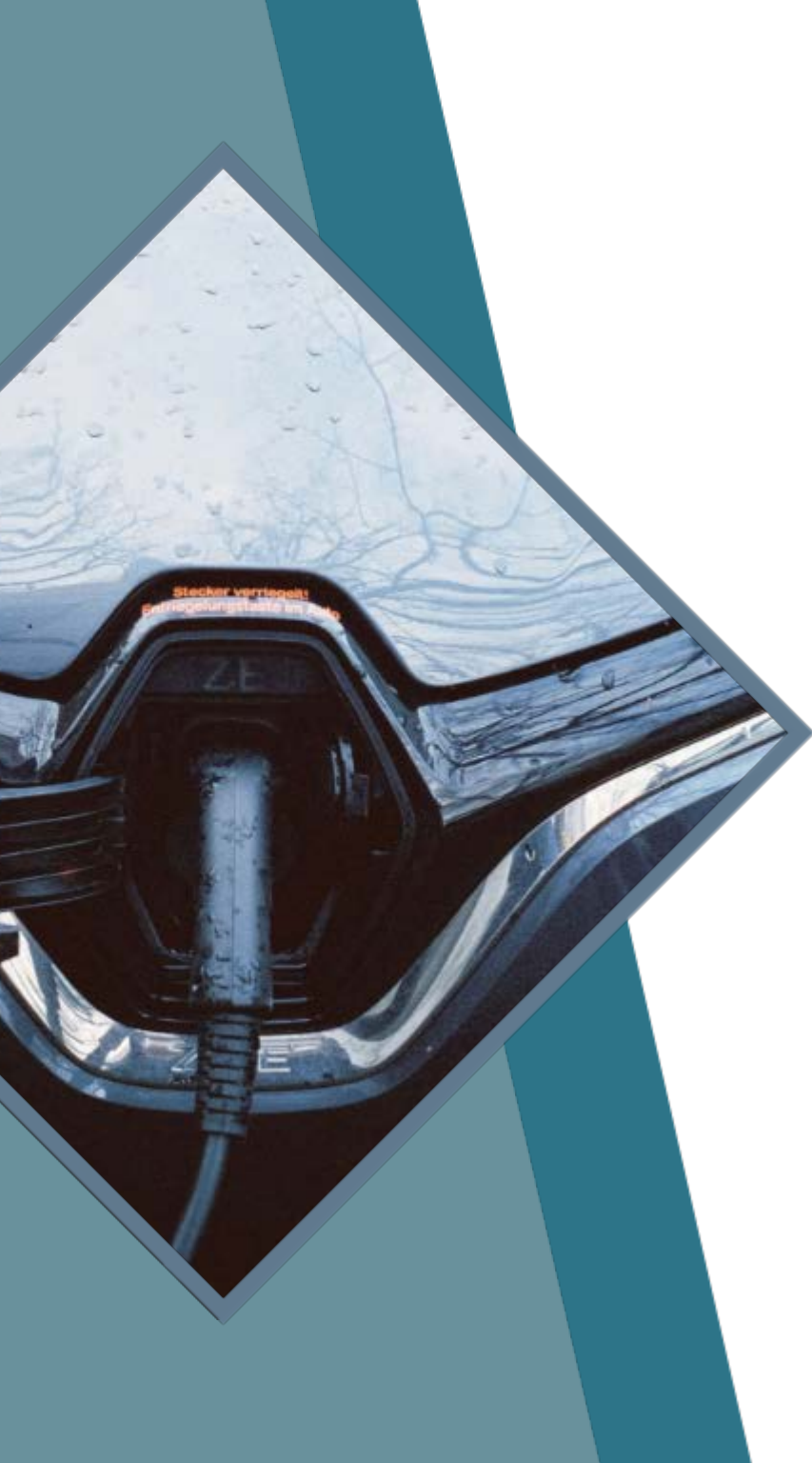
FORWARD-LOOKING ASSUMPTIONS/ESTIMATES in this Presentation reflects Nova Lithium's current views with respect to future events and are necessarily based upon a number of assumptions and estimates that, while considered reasonable by Nova Lithium, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking information contained in this Presentation and documents incorporated by reference, and we have made assumptions based on or related to many of these factors. Such factors include, without limitation: fluctuations in spot and forward markets for silver, gold, base metals and certain other commodities (such as natural gas, fuel oil and electricity); restrictions on mining in the jurisdictions in which Nova Lithium operates; laws and regulations governing our operation, exploration and development activities; its ability to obtain or renew the licenses and permits necessary for the operation and expansion of its existing operations and for the development, construction and commencement of new operations; risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, potential unintended releases of contaminants, industrial accidents, unusual or unexpected geological or structural formations, pressures, cave-ins and flooding); inherent risks associated with tailings facilities and heap leach operations, including failure or leakages; the speculative nature of mineral exploration and development; the inability to determine, with certainty, production and cost estimates; inadequate or unreliable infrastructure (such as roads, bridges, power sources and water supplies); environmental regulations and legislation; the effects of climate change, extreme weather events, water scarcity, and seismic events, and the effectiveness of strategies to deal with these issues; risks relating to Nova Lithium's exploration operations; fluctuations in currency markets (such as the US dollar versus the Canadian dollar); the volatility of the metals markets, and its potential to impact our ability to meet its financial obligations; Nova Lithium's ability to recruit and retain qualified personnel; employee relations; disputes as to the validity of mining or exploration titles or claims or rights, which constitute most of its property holdings; Nova Lithium's ability to complete and successfully integrate acquisitions; increased competition in the mining industry for properties and equipment; limited supply of materials and supply chain disruptions; relations with and claims by indigenous populations; relations with and claims by local communities and non-governmental organizations; the effectiveness of its internal control over financial reporting; claims and legal proceedings arising in the ordinary course of business activities. Forward-looking information is made based on management's beliefs, estimates and opinions and are given only as of the date of this Presentation. Nova Lithium undertakes no obligation to update forward-looking information if these beliefs, estimates and opinions or other circumstances should change, except as may be required by applicable law. Current and potential investors should not place undue reliance on forward-looking statements due to the inherent uncertainty therein. All forward-looking information is expressly qualified in its entirety by this cautionary statement. The location of Nova Lithium's properties to adjacent or nearby properties, including Silver Peak Mine, does not guarantee exploration success or that mineral resources or mineral reserves will be delineated on Nova's properties.



ABOUT **NOVA**

The global demand for green energy solutions is surging.

Nova Lithium Corp. is a Canadian-based exploration company focused on accelerating the green revolution by securing a portfolio of highly-promising lithium projects in tier 1 jurisdictions. Our mission is to discover value in a world where clean energy solutions play a vital key in unlocking a greener future.



WHY **NOVA** LITHIUM



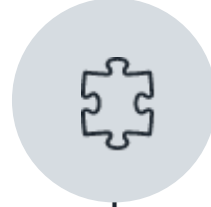
VISION

Developing highly promising lithium properties.



JURISDICTION

Located in North America's only lithium-producing jurisdiction.



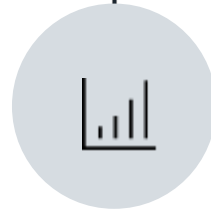
STRUCTURE

Attractive capital structure.



MANAGEMENT

Experience management team, with proven track records.



DEMAND

Nearly exponential increase in lithium demand.

LITHIUM: FUELING THE GREEN REVOLUTION

\$174 B

- The U.S. Government plans to invest **\$174 billion**¹ into electric vehicles by 2030 via the infrastructure plan, further driving lithium demand.



- Lithium prices are up **+426%** in 2022.
- The global lithium-ion battery market size is estimated to be **USD \$44.5 billion** in **2022** and projected to reach **USD \$135.1 billion** by **2031**.²

LITHIUM: FUELING OUR GREEN REVOLUTION

+4300%

- The International Energy Agency stated that from 2020 to 2040, the world will need to **increase lithium production by 43x³** to meet the climate goals set by the Paris Agreement.

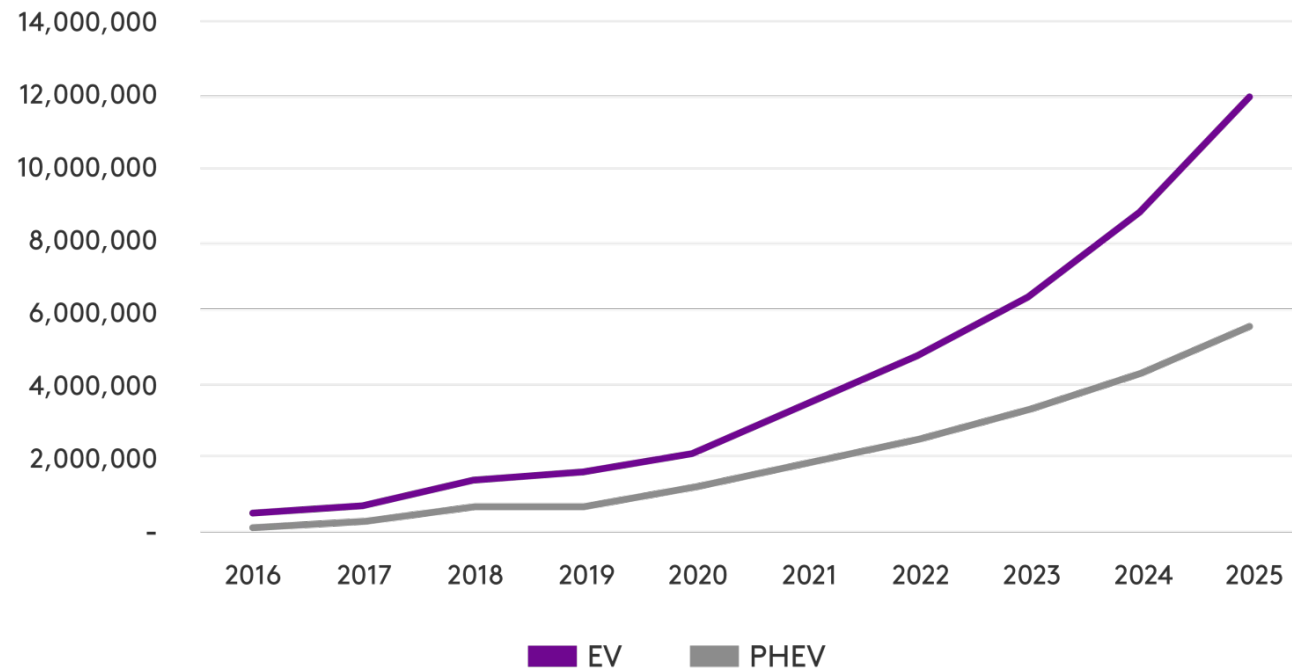
- The US will be adding **+13 electric battery factories** by 2025 with industry giants leading the way.



- Volkswagen plans to build **6 electric battery factories totaling 240GWh (40 Gigawatts each)** by 2030, increasing the demand for lithium alongside **Tesla's current 100GWh** Gigafactories. ⁴

LITHIUM ON THE RISE

EV Sale (BEV & PHEV)



Electric Vehicles are fueling the growing lithium demand. The International Energy Agency expects **137 million** electric vehicles by **2030**, up from the **11 million in 2020**.⁵

Lithium Carbonate Price (CYN/Tonne)



*Source: <https://tradingeconomics.com/commodity/lithium>

Demand for Lithium and Lithium production has driven the price of Lithium Carbonate up.

OUR LITHIUM PROJECT



Albemarle (NYSE:ALB)

Deer Musk West (CSE: NVLI)

DEER MUSK WEST (DMW)

- **3,833 acres**
- **190** placer mining **claims**
- Located on the Southwest side of the **Clayton Valley**

The property lies Southwest of America's only producing lithium operation; **Albemarle's Silver Peak Mine** and West of Pure Energy's lithium brine operation. DMW has **year-round access** with well-maintained gravel roads coming off Highway 95.

There are **two potential lithium** mineral resource **targets** for the DMW claim block. These include dissolved lithium salts and hydroxides in groundwater brine and high lithium concentrates in the sedimentary rocks in Clayton Valley.



Tesla Nevada
Gigafactory

Nova Lithium Corp.

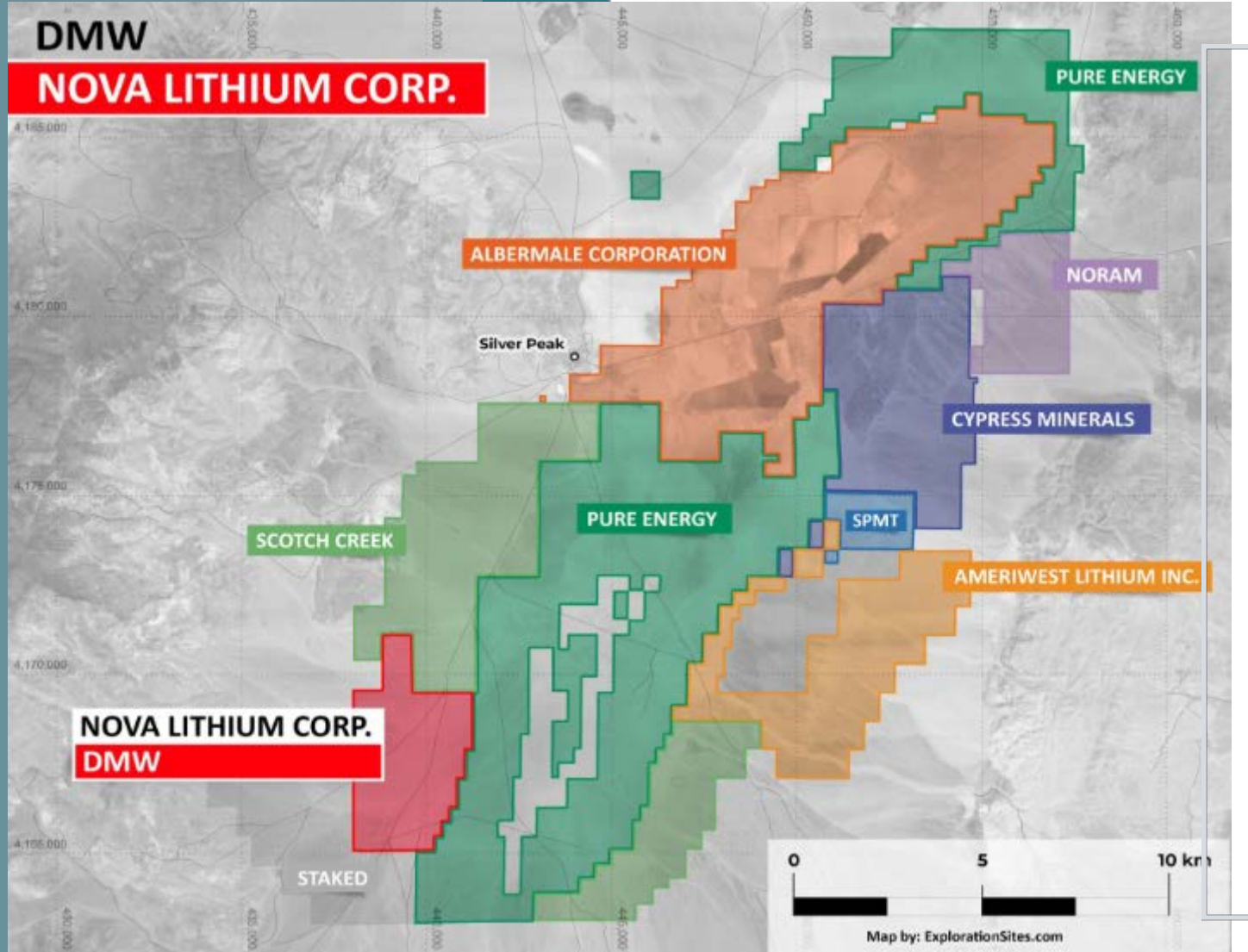
Albemarle NYSE:ALB

POSITIONED FOR **GROWTH**

Clayton Valley has become one of North America's **most desirable** locations for lithium exploration and production.

- Nevada ranks **#3** in the **investment attractiveness** Index out of 84 jurisdictions worldwide Survey of Mining Companies (Fraser Institute 2021).
- Nevada is home to North America's **only producing lithium mine**, operated by **Albemarle Corp.** (NYSE: ALB)
- Nevada provides favorable geology for lithium brine discovery.
- Supportive State government, solid infrastructure, and efficient permitting are all key factors that attract mining companies to Nevada.
- Tesla's Gigafactory represents an estimated **USD \$100 billion** in economic benefits for Nevada.⁶

POSITIONED FOR **SUCCESS**



Nova Lithium's **Deer Musk West** project is located nearby multiple advanced stage lithium projects.

- **Albemarle** (\$32B*) will invest \$30 million to \$50 million to double production by 2025.⁷
- **Cypress Development Corp** (\$177M*) has completed pre-feasibility studies outlining a lithium production rate of 15,000 tonnes per day.⁸
- **Noram Ventures** (\$40M*) have announced a lithium resource of 300 million tonnes of >900 ppm Li.⁹
- **Pure Energy** (\$22M*) recently entered into a future lithium production agreement with a multi-billion dollar Company.¹⁰
- **Spearmint Resources** (\$18M*) has discovered high-grade lithium intercepts.¹¹

CLAYTON VALLEY, NEVADA, **USA**

Pro-Lithium Exploration Factors

Basin Fill Depth

328' to 4,002' (100m to > 1,220m)

Dry Lakebed (Playa) Area

38.6 sq miles (100km²)

Total basin catchment area

~1,699 sq miles (~4,400km²)

Phase 1 Exploration Completed in May 2021 on DMW

142 soil samples, Lithium present in all samples.

105 Gravity survey stations, 772 Seismic reflection stations (3.56mi seismic lines)

- ✓ Potential lithium source rocks
- ✓ Ongoing lithium exploration
- ✓ Closed basin
- ✓ Evapotranspiration
- ✓ Presence of evaporites
- ✓ Presence of hot springs
- ✓ Faults & trap rocks in fill

HIGHLIGHTED MANAGEMENT

GLENN COLLICK - CEO

Mr. Collick brings an extensive 35-year background in the strategic planning and executive-level management of the operational, financial, and developmental duties of emerging natural resource and alternative energy companies including the identification and evaluation of potential asset acquisitions. He is a founder of Ameriwest Lithium (CSE: AWLI), a Canadian-based junior explorer with 33,291 acres of multiple strategic assets in Nevada. He previously served on the Board of American Comstock Explorations and led the company to the acquisition of the Harper Creek Copper project from US Steel and Noranda. He was an early participant in the Voisey's Bay area discovery through early-stage staking of several hundred square kilometers. His efforts include extensive experience in successfully working with Government, First Nations, and related stakeholders. His efforts in the alternative energy sector include founding and managing start-ups through feasibility studies, including statistical and engineering reports aimed at securing capital project grant funding, and in some instances specifically aimed at providing hybrid energy systems and storage facilities to remote Industries and communities. He has led multiple initiatives in Alberta including wind energy resources which were subsequently purchased by a world-leading company in wind farm development.

PATRICK O'FLAHERTY - CFO

Mr. O'Flaherty is a Chartered Accountant and a CFA Charterholder. He qualified as a Chartered Accountant in Canada with Deloitte. He has over 15 years of experience in financial services, with a specific focus on accounting and wealth management, and has worked with some of the largest companies in Canada, including Shaw Communications, RBC Royal Bank, TD Waterhouse, and CIBC Wood Gundy. He currently serves as a CFO and Director of several public and private corporations.

HIGHLIGHTED MANAGEMENT

SAM ESKANDARI - DIRECTOR

Mr. Eskandari has extensive experience in marketing and operational management for public companies including budgeting, raising capital, and developing and executing successful growth strategies. His professional experience spans various industries including pharmaceuticals, retail, mining, and technology. Before his career in marketing and management, Mr. Eskandari was the General Manager of one of the flagship stores of Future Shop/Best Buy in Western Canada, where he implemented a successful marketing and sales program resulting in the highest sales growth in a key period within all stores in Western Canada. Mr. Eskandari is a graduate of Simon Fraser University (SFU) with a degree in Molecular Biology and Biochemistry. Mr. Eskandari has also been on the board of various public companies in the mining sector and as a serial entrepreneur, he has been a founder and/or co-founder of multiple companies over the past ten years. He is currently a Director of Ameriwest Lithium Inc.

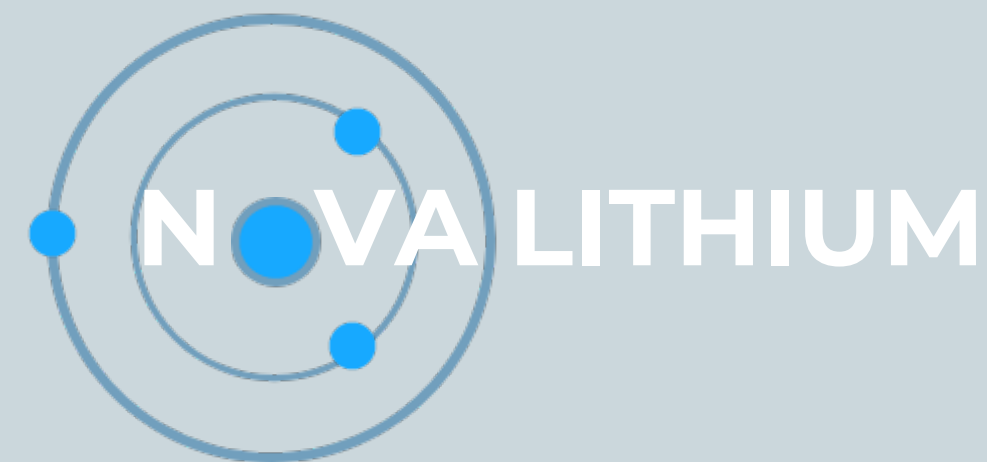
HAYDEN MACKENZIE - DIRECTOR

Mr. Mackenzie has over 15 years' experience in exploration and environmental geology, he has worked in New Zealand, Australia, Indonesia, Vietnam and Canada running exploration programs and due diligence projects including Atrium Coal's Groundhog Project in Northern British Columbia. Mr. Mackenzie has extensive experience in acid rock drainage, air and water quality analysis, drill program design and supervision and remote program logistics. More recently, Mr. Mackenzie has been working in commercial construction and venture capital. Mr. Mackenzie has a Master of Engineering Geology, a Master of Legal Studies and is currently completing an MBA at the University of British Columbia.

RYAN ARTHUR - DIRECTOR

Mr. Arthur is currently the president of CR7 Investments Inc., which actively identifies promising investments in mining and technology projects, using technical and strategic partnerships to ensure growth and the success of those projects. His professional experience spans various industries including retail, mining, industrial, and technology. Mr. Arthur has assisted in financing several public companies and bring's a plethora of knowledge in the capital markets. Previous to his career in management, Mr. Arthur was a varsity athlete for the University of British Columbia's Men's Soccer Program and had spent a short period overseas pursuing a professional career as an athlete.

CAPITAL STRUCTURE



CSE: NVLI
OTC: NVALF
FSE: YQ1.F

| | |
|---------------|------------|
| Shares Issued | 20,437,100 |
| Warrants | 17,410,000 |
| Options | 1,450,000 |
| Fully Diluted | 39,297,100 |

*As of July 22, 2022

CONTACT US



info@nova-lithium.com

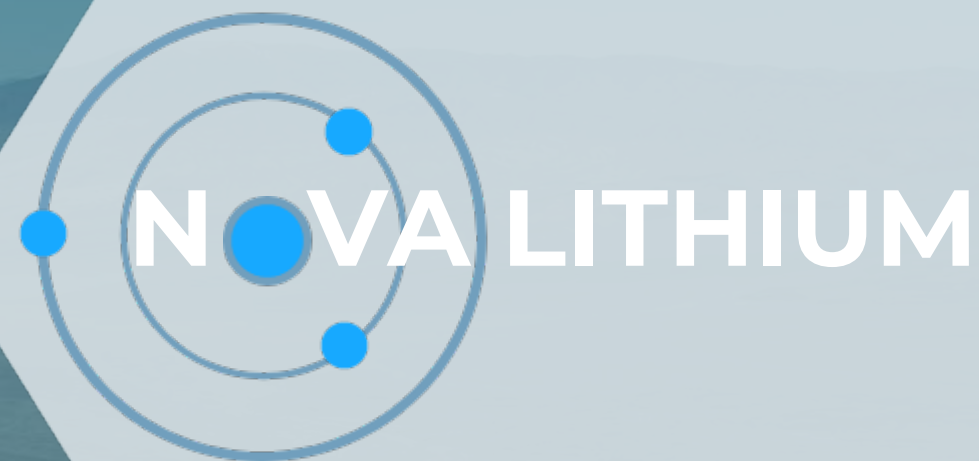
www.novalithiumcorp.com



+1 416.918.6785



1110 Hamilton Street
Vancouver, B.C, V6B2S2



CSE: NVLI
OTC: NVALF
FSE: YQ1.F

REFERENCES

- o <https://www.whitehouse.gov/briefing-room/statements-releases/2021/03/31/fact-sheet-the-american-jobs-plan/>
- o https://www.marketsandmarkets.com/Market-Reports/lithium-ion-battery-market-49714593.html?gclid=Cj0KCQjwvZCZBhCiARIsAPXbajsRXiJ_aWen52W9VcfYHXCiK6XRqPnoCR8R_667sjtY_Vv6PzqUsgkaAlLwEALw_wcB
- o <https://www.iea.org/reports/the-role-of-critical-minerals-in-clean-energy-transitions/mineral-requirements-for-clean-energy-transitions>
- o <https://arstechnica.com/cars/2022/07/volkswagen-starts-building-the-first-of-six-battery-gigafactories/>
- o <https://www.iea.org/reports/global-ev-outlook-2021/trends-and-developments-in-electric-vehicle-markets>
- o <https://www.latimes.com/business/autos/la-fi-hy-tesla-gigafactory-worth-100-billion-to-nevada-governor-says-20140904story.html#:~:text=Tesla%20has%20selected%20this%20site,new%20generation%20of%20electric%20cars.&text=The%20Tesla%20electric%20car%20battery,Nevada%20Gov.>
- o <https://www.fuelsandlubes.com/albemarle-announces-plan-to-double-lithium-production-by-2025/>
- o <https://cypressdevelopmentcorp.com/news/2020/cypress-development-announces-positive-prefeasibility-study-for-clayton-valley-lithium-project-nevada/>
- o <https://noramlithiumcorp.com/news/2021/noram-announces-new-resource-estimate-for-zeus-lithium-deposit-preliminary-economic-assessment-underway-and-in-final-stages/>
- o <https://pureenergyminerals.com/schlumberger-new-energy-and-panasonic-energy-of-north-america-announce-strategic-collaboration-on-new-battery-grade-lithium-production-process/>
- o <https://www.spearmintresources.ca/2022/03/spearmint-drills-best-results-ever-on-the-mcgee-lithium-clay-project-in-clayton-valley-nevada-including-a-high-of-1810-ppm-li-within-a-massive-485-feet-averaging-1003-ppm-li/>
- o <https://www.reuters.com/business/autos-transportation/musks-plan-tesla-built-batteries-has-an-acceleration-challenge-2022-03-11/>
- o <https://www.iea.org/reports/the-role-of-critical-minerals-in-clean-energy-transitions/executive-summary>