

Corporate Presentation January 2024





www.groundedlithium.com | TSX.V: GRD.V | OTCQB: GRDAF

DEFINING OUR PATH TO COMMERCIAL CANADIAN LITHIUM PRODUCTION

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An investment in GLC involves a high degree of risk and only investors who can reasonably afford a loss of their entire investment should consider purchasing securities in GLC. Investors must have the financial ability and willing to accept the high risks and lack of liquidity inherent in investments that will not be transferable except in vary limited circumstances. This presentation does not take into account the particular investment objectives or financial circumstances of any specific party who may receive it. Each party who reviews this presentation must make its own independent assessment of GLC after making such investigations and each prospective investor is strongly urged to consult with its own advisors with respect to legal, tax, regulatory, financial and accounting matters, including the merits and the risks involved of any investment in GLC.

QUALIFIED PERSON

Scientific and technical information contained in this presentation pertaining specifically to lab extraction results on our brine from the KES lab were prepared under the supervision of Dale Shipman, P.Eng, VP Operations, of the Company, a qualified person within the meaning of National Instrument 43-101 – Standards of Disclosure for Mineral Projects. All other scientific and technical information contained in this presentation has been prepared under the supervision of Doug Ashton, P.Eng, Suryanarayana Karri, P. Geoph., Alexey Romanov, P. Geo. and Meghan Klein, P. Eng., each of whom is a qualified person within the meaning of National Instrument 43-101 – Standards of Disclosure for Mineral Projects. Scientific and technical information contained in this presentation has been prepared under the supervision of Doug Ashton, P.Eng., Suryanarayana Karri, P. Geoph., Alexey Romanov, P. Geo., Meghan Klein, P. Eng., Dean Quirk, P.Eng., Jeffrey Weiss, P.Eng., Chad Hitchings., P.L. Eng., and Michael Munteanu, P.Eng., each of whom is a qualified person within the meaning of NI 43-101.

Certain data verification, exploration information and other disclosure regarding the mineral resources data contained in this presentation is included in the Technical Report.



Corporate Vision:

Build a Best-in-Class, Environmentally Responsible, **Canadian Lithium Producer**



Image – Drilling Operations Grounded Lithium – First well Lease boundary

Resource quality. Starts and ends with the rock. **Torque** in investment

- Top tier resource potential
- Significant land base under control in friendly jurisdiction (316 sections or ~82,000 hectares)



Preliminary Economic for quality delivers robust economics with resilience to commodity price

Assessment – Corporate Vision

Proven resource development professionals with passion to execute the vision and create substantial shareholder value

PETROBAKKEN PETROBANK RENGTH IN OUR RESO



Ivanhoe Energy



Macro Economic Critical Mineral Environment

North America poised for significant growth



Source: BloombergNEF Transition Metals Outlook 2023. *McKinsey & Company. Lithium Mining: Now New Production Could Fuel the Global EV Revolution, April 12, 2022 North America playing catch-up...



Source: Benchmark Minerals Intelligence – Q4 2021 Quarterly Report

Market Opportunity – Tip the Scales

New plants, facilities, upstream resource development

- GLC's vision anticipates providing feedstock to manufactures in the lithium battery supply chain (e.g., anode/cathode manufacturers, ultimate customer of batteries such as an auto manufacturer or potentially to companies with lower cost of capital, trading platforms, etc.)
- GLC Core operating properties offer ample logistic solutions to transport feedstock to virtually any location in North America (e.g., easy access via rail, major highways, etc.)
- North American critical mineral feedstock providers benefit from strategic cost advantage to alternative global sources

Strategic Partnership with Denison Mines Provides liquidity and funds KLP development over short to medium term

Exch

Shar

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Opti Fully

DML

Mark

Daily

- Structured as an Earn-in Option with both cash payments to GLC and funding of KLP project expenditures
- Three distinct periods/phases of the earn-in
- GLC sold a 5% GORR to Denison for \$800,000 which drops to 2% upon full regulatory approvals, and ultimately to nil if Denison funds under the earn-in
- Total cash payments, with GORR, to GLC: \$3.15 million. Total project expenditures \$12 million
- Working interest to be earned by Denison ranges from 30% to 75%, contingent on earn-in performance
- Term of earn-in option extends to earlier of:
 - Time Denison exercises right to enter formal JV agreement
 - Full performance of the earn-in
 - June 30, 2028
- Once earn-in option exercised, governing document would be typical joint venture agreement between the parties
- Either party can propose "land continuation expenditures" to preserve lithium rights outside of the amounts listed. Other party has right to participate or have

e er the amounts hotear ether party	
e its working interest diluted	Daily Tradin
	DNN (NYSE
	Market Cap

(all amounts in CAD\$000's)	Earn-in Option Phase		
	Phase 1	Phase 2	Phase 3
Royalty Financing Payment	800		
Cash Payments to GLC	-	850	1,500
Cumulative Cash Payments	800	1,650	3,150
Project Expenditures	2,200	3,800	6,000
Cumulative Project Expenditures	2,200	6,000	12,000
Total Contributions per Option Phase	3,000	4,650	7,500
Cumulative Total Contributions	3,000	7,650	15,150
Denison Working Interest in the KLP	30%	55%	75%

Capital Structure & Corporate Information

Market Summary ⁽¹⁾		Management	Shareholders ⁽⁴⁾		
Exchanges	TSX: DML NYSE American: DNN	David Cates (President & CEO, Director) Elizabeth Sidle (VP Finance, CFO)			
Shares Outstanding	888.6 M	Geoff Smith (VP Corp. Dev. & Commercial)	40%		
Share Purchase Warrants		Mary Jo Smith (VP Human Resources)	52%		
Share Units	6.9 M	Chad Sorba (VP Tech. Services & Project Eval.)			
Options	6.8 M	Amanda Willett (VP Legal)	Institutional Insiders Other		
Fully Diluted Shares	902.2 M	Andy Yackulic (VP Exploration)			
DML (TSX)		Board of Directors			
Market Cap @ C\$2.32/share ⁽²⁾	CAD \$2.06 B	Ron Hochstein (Non-Executive Chair) (4) Shareholder in	(4) Shareholder information is estimated as of		
Daily Trading Volume ⁽³⁾	2.0M Shares	Brian Edgar (Lead Director)	May 25, 2023. Information is provided for indicative purposes only. Institutional		
DNIN (NIVEE American)		Byeong Min An (KHNP Nominee)	holdings are estimated based on information available on Bloomberg. Insider holdings are estimated based on applicable filings and		
Market Can @ US\$1 77/share ⁽²⁾	USD \$1 57 B	David Neuburger	includes estimated holdings from entities entitled to appoint a nominee to the Board of		
Daily Trading Volume ⁽³⁾	10.2M Shares	Laurie Sterritt Jennifer Traub	Directors. Other holdings are determined as shares outstanding less those reported as institutional and insider holdings. Share ownership is subject to change.		
		Patricia Volker	8 (5) 2.1		



5

Penison DML

LISTED

TSX

DNN

LISTED

NYSE

Share capita nation as o

2023 MDA)

ML/DNN share as of the end o

nths as of the end o ember 2023.

23

Denison Investment Unlocks GRD Value Preliminary Economic Assessment NPV₈ AT - Phase 1 = CAD $$1.35B^{1}$

Pilot Operation



Flow

Commercial

Development

Exploitation Drilling

Commercial

Operations

Denison JV Interest 0% 30% 55% **Grounded JV Interest** 100% 70% 45% Chance of Success ("COS") (all risks²) 10% 20% 40% **GRD Risked Value = COS *NPV*WI** \$135 \$189 \$243 (CAD\$MM) Total Investment/Phase Denison Investment \$25,000,000 Investments (CAD\$MM) \$20,000,000 ¹ Source: GRD 43-101 Technical Report: Preliminary Economic Assessment Kindersley \$15,000,000 Lithium Project – Phase 1 Update dated Nov 7/23 and effective June 30/23 \$10,000,000 ² Reflects management's view of risk, including but

Pilot Preparation

not limited to, resource, technology, price, financing, off-take agreements, jurisdiction, environmental, capital cost, project timing, regulatory.



Feasibility

Strategic Partnership with Denison Mines Impact and What Does it Mean to GLC Shareholders – Potential Rerate

- Provides for a fully funded pilot
- Lack of capital for a funded pilot represented a major overhang on public company valuation
- Dilution at the KLP level, not the corporate level
- If fully exercised, GLC still maintains 25% in a multibillion project
- KLP Phase 1 alone per the PEA CAD\$1.3 billion NPV₈ AT
 - GLC share = \$325 million
 - Current enterprise value = CAD\$6 million



Respective company's filed PEA on sedarplus.ca and company filings

EV calculated based on market capitalization as of January 17, 2024 with net debt as per latest set of financial statements adjusted for disclosed financings post that period end





Note: See Appendix for a listing of assumptions and other required disclosure pursuant to National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"). Full PEA filed on SEDARplus and Company website. DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

KLP - Generating Returns For Investors

2025

Compelling Project Economics

Source: Grounded Lithium filed PEA on August 9, 2023, PHASE 1 ONLY

Kindersley Lithium Project - Phase 1, US\$25,000/tonne realized sale price, 11,000 tonnes LHM

2024

2023

296,630 297,838 293,662 273,816 273,816 274,723 Net operating income 19.559 64.604 67.517 65.152 67.397 69.305 Taxes After-tax cash flow 277,071 233,234 226,145 208,664 206,419 205,418 Debt/Project financing forecasted at 50% of total Capex¹ (668) (5,000) (5,000) (114, 403)(332,251) (5,000)(5,000) (5,000) capital needs. Supported by one or more offtakes from investment grade customers. Distributable Cash, Debt Basis Annual free-cash flow, net of debt repayment (57, 202)(166, 126)276,403 228,234 221,145 203,664 201,419 200,418 Cumulative free-cash flow, net of debt repayment (223, 327)53,076 281,310 502,455 907,538 1,107,956 (57, 202)706,119 Cumulative cash flow to capex (ie. Payback) 0.00x -0.13x 0.12x 0.64x 1.15x 1.61x 0.00x -0.50x 2.08x ¹ Capex for years 2025-2027 sourced from PEA filed August 9, 2023. Capital from 2028 onwards represents sustaining capital sourced from Company's corporate model

2026

2027

366,390

6,106 360,284

57.426

6,228

2028

367,394

361,271

57,188

6,245

6,123

2029

366,390

357,078

57,188

6,228

9,312

DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

CAD\$ thousands



Only a 10 year forward look. PEA goes out to 2046

2032

367,394

29,238

338,156

57,188

6,245

2.53x

2031

366,390

29,158

337,232

57.188

6,228

2030

366,390

29,158

337,232

57.188

6,228

Steady State After-tax Cash Flow: ~\$200MM

Funds Flow on Equity Investment

Hard-pressed to find other risk adjusted opportunities





\$200MM / \$276MM = 72% (unrisked) Even with retaining a percentage of cash return for growth, significant ability for yield

Capitalization TSX.V – GRD | OTCQB: GRDAF

Clean balance sheet with capital structure conducive for growth and returns for all shareholders



Management Weighted Average Exercise Price	es	
Stock Options	\$	0.22
Performance Warrants	\$	0.75





Exercise of all dilutives brings a further \$8.4MM into the Company

- Management invested at every level of financing to date.
- Intend to participate in every round in the future
- Management ownership stems from founder position and hard dollars
- Aligned with shareholders

Lithium from Brine Playbook Fully Charged Focus on Commercial Operations



GLC Project Area The Leduc Formation / AKA the Duperow in Saskatchewan



Leduc formation: extensively dolomitized ancient carbonate complex that spans 100s km² and is over 200 m thick

Southern Alberta & Saskatchewan contain massive shallow water carbonate reservoirs – ideal conduits for large accumulations of lithium-rich brines

Leduc/Duperow reservoirs are geologically well understood due to decades of historic oil and gas development in Alberta & Saskatchewan;

• Exceptional flow rates and deliverability observed as a results favourable rock properties

Peer Companies in trend;

- E3 Lithium: Field pilot in process
- Prairie Lithium: corporate takeover by Arizona Lithium announced December 20th, 2022 for C\$70.6MM (\$17.22 EV/tonne metric)



1. GLC Inferred Mineral Resources outlined in the Preliminary Economic Assessment for the Kindersley Lithium Project effective June 30, 2023 and filed on SEDARplus on August 9, 2023

2. GLC has not independently verified peer inferred resource numbers.

DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

Robust Resource Potential

Proven Deliverability & Low-Cost Development



Compelling Geology

- Thick porous reservoir with confirmed lithium con
- 220 million barrels/square mile
- 14,000 tonnes LCE/square mile
- Proven high deliverability/well

Low Drilling Costs

• Shallowest position – low-cost drilling

Low Development Costs

- Minimal pre-filtering with no contaminants in brine (hydrocarbons or H₂S)
- Simplifies modular central processing facilities
- Early commercial production at 11,000 tonnes per annum LHM
- Multiple projects modular and repeatable facility design



Strategic Partnership with Denison Mines

Increasing Economic and Geologic Confidence



<u>GLC</u>

- Other than a 10km Area of Mutual Interest, GLC can explore and develop other lithium from brine operations, pursue M&A, etc
- GRD has several targets in development that meet or exceed our geological and economic thresholds

<u>KLP</u>

- 4.2 million tonnes of Inferred Mineral Resource
 - 1.0 million tonnes recently upgraded to Measured and Indicated Resource
 - upgrade represents only 21 % of total KLP land holdings.
- Further Mineral Resource upgrades anticipated as the project participants proceeds towards filing of a Pre-Feasibility Report for the KLP.

SUMMARY	INFERRED RESOURCE	INDICATED RESOURCE	MEASURED RESOURCE	TOTAL	UNITS
Brine Pore Volume	8,085	1,175	1,310	10,570	10^ ⁶ m ³
Lithium Concentration	74	74	74	74	mg/L
Elemental Lithium (Li)	598,292	86,950	96,940	782,182	tonnes
Lithium Carbonate Equivalent (LCE)	3,184,154	462,835	516,011	4,163,000	tonnes
Lithium Hydroxide Monohydrate (LHM)	3,616,306	525,651	586,044	4,728,000	tonnes

Kindersley Lithium Project ("KLP") - Phase 1



Denison (skills brought to the KLP)

- Denison provides a unique platform for de-risking development projects with its innovative and highly skilled Saskatoon-based technical, regulatory, and operations teams
- Brine extraction has many similarities to the In-Situ Recovery mining method that Denison has successfully validated for use at its flagship Wheeler River uranium project in northern Saskatchewan

Commercial Considerations Deliverability and Depth (Drill costs) Impact Economics





DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

16

2050 17

KLP Production Forecast

Multi-stage build-out minimizes risk on several fronts

Kindersley Lithium Project

- Sufficient land holdings to support multiple 11,000 tonne/yr phases LHM
- Grounded continues to add to portfolio where opportunities exceed our geologic and economic hurdles
- Grounded has potential to be a significant Canadian lithium producer and relevant on a global scale
- Could support one or more off-take agreements





Saskatchewan // -Tier 1 Operating Jurisdiction to Build Business



Saskatchewan Chose GLC, We Did Not Chose Saskatchewan! Resource Potential Lead GLC Efforts

Saskatchewan ranked 3rd in the world for investment attractiveness in the Fraser Institute's 2022 survey





Other Saskatchewan Area Benefits

- Abundant skilled labour
- Numerous industrial services
- Hotels, markets, restaurants, etc
- Kindersley population: 4,597





Candle Lake

6

Lanidar

Prince Albe

DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

ESG & Lithium from Brine



DLE delivers improved social and environmental license



Social

Governance

Environmentally Friendly

- Much lower environmental impact (less land disturbance, minimal water consumption and emissions, no tailings) compared to solar evaporation ponds and conventional hardrock mining
- Lithium from brine reported by 3rd parties to be 1/3 carbon footprint of spodumene producers
- Shallow depth with thick reservoir minimizes energy and environmental footprint to access sufficient brine volumes

Social Licence

- Reduced carbon footprint directly to global movement
- using modular DLE plants minimizes capital costs, reduces permitting risks and shortens construction timeline. Also faster production with higher recoveries compared to solar evaporation ponds. World gets more for less!

Governance

- Canada's reputation and expertise is being an ethical and environmentally conscious energy producer can extend into the lithium from brine industry.
- Canada's federal and provincial energy regulators have done an excellent job of balancing often competing demands. Results in an efficient and responsible industry – who better than Canada to be part of the global movement?
- Canadian Government's \$3.8 billion Critical Mineral Strategy speaks to importance
- United States Inflation Reduction Act has far reaching benefits for north American companies involved in the battery supply chain
- Saskatchewan recently announced significant enhancements to its Critical Mineral Strategy

Current Lithium Sources Large Environmental Footprint



Versus: Lithium from Brine



Standard Lithium's Arkansas Smackover Project (GLC's strategy would see similar small aerial footprint)



Direct Lithium Extraction - DLE Deploy capital to resource development, not R&D



DLE: Key to Future of Clean Energy in Western Canada

- Applies innovative process to Western Canada's tremendous lithium resource potential while leveraging oil & gas expertise and infrastructure
- Uses a highly selective absorbent to extract lithium from brine water. The solution extracted from the brine water is then polished of impurities to yield high-grade lithium carbonate and lithium hydroxide.
- DLE rejects impurities, yielding a higher quality product.
- GLC contracted Hatch Ltd. to advance strategy to evaluate DLE alternatives working with GLC's internal expertise
- Will deploy the technology that achieves highest, repeatable, reliable results
- Plan is to license the chosen technology
- DLE: 50-70 separate companies working variations of DLE

GLC to "stand on the shoulders of giants" – many others far ahead and technology experts. GLC are experts in building a resource business – perfect fit.

DEVELOPING SASKATCHEWAN'S UNTAPPED LITHIUM RESOURCES

Direct Lithium Extraction Technology Potential Game Changer in Battery Supply Chain Industry



DLE - Koch Technology

- Sorption and Ion-exchange based technology (Li-Pro[™])
- Would be first of its kind in Canada
- Koch also working with Standard Lithium (Arkansas) and Century Lithium (Nevada claystone)
- GLC potential for Koch's new lithium extraction technology in Canada



Grounded Lithium Selects Koch Technology Solutions as Lithium Extraction Provider

98% Lithium Extraction Recovery Factor Achieved



Image: transportable lithium extraction pilot unit by eco-tech, a Koch Separation Solutions Company

Koch Technologies Solutions (Current Status)

- Grounded working with Koch to finalize pilot proposal
- Koch Responsibilities
 - Extraction unit (6m³/day)
 - Commissioning
 - Ongoing operations support
 - Monitoring
 - Sampling
 - Pilot Maintenance
- Grounded Responsibilities (non-exhaustive)
 - Feedstock
 - Job site facilities and associated requirements (ie. civil works, foundation, building, etc)
 - Permits and licences
 - Tankage
 - Installation labour and materials
 - Utilities
 - Operational labour
 - Consumables
 - Laboratory Testing



TIMING

FINANCING			2026	
PROJECT FUNDING DEBT & EQUITY			·	2025
PRE-FID FINANCING	OFFTAKE DISCUSSIONS & AGREEMENT(S)	POTENTIAL GOVERNMENT FUNDING		2024
				2023
LEGEND				2023

GLC COMPLETED INITIATIVES

GLC TBC (INFRASTRUCTURE & FACILITIES)

GLC TBC (WELLS & PIPELINES)

PROJECT MILESTONES



TIMING

FINANCI	NG				2026
PROJECT FUNDING DEBT & EQUITY	}				2025
PRE-FID FINANCING	OFFTAKE DISCUSSIONS & AGREEMENT(S)	POTENTIAL GOVERNMENT FUNDING			2024
					2023
LEGEND			PRELIMINARY ECC	DNOMIC ASSESSMENT (PEA)	N
GLC COMPLETED INITIA GLC TBC (INFRASTRUC GLC TBC (WELLS & PIP PROJECT MILESTONES POTENTIAL VALUATION	NTIVES TURE & FACILITIES) ELINES) I RE-RATE (PROJECT DE-RISKING)		GEOLOGY	COSTING & ECONOMICS	



TIMING





TIMING





Why Invest Robust Value Proposition to Investors



- Strategic transaction with Denison de-risks early stages of the KLP but also GRD
- Funded and operational field pilot is a critical next step to unlock value for all shareholders
- **Re-rate** potential even more present with Denison transaction
- The KLP remains a world class quality resource, no matter the ownership interests
- Robust Economics⁽¹⁾ CAPEX of USD = \$335 million
 - IRR(AT) = 49%,
 - NPV₈ (AT) = USD \$1 billion
- Proven resource development team history of value creation in the energy industry directly transferable to lithium from brines
- Operates in a Tier 1 jurisdiction with a favourable business climate for resource development and proximity to key infrastructure



PEA Support References



The economic analysis of the PEA is based on the following main assumptions:

- realized sales price of USD \$25,000 per tonne of LHM;
- annual production of 11,000 tonnes per year of LHM;
- commerciality of KTS' Li-ProTM lithium extraction technology;
- minimal prefiltering expenditures due to the absence of hydrocarbons and H2S;
- large diameter wellbores to mitigate pressure loss due to friction and permit installation of large volume electrical submersible pumps; and
- estimated operating and capital costs for the project based on the most current industry data available inclusive of recent strong inflationary pressures on facilities and labour.

The PEA is based on the expected first phase of production at the KLP which is derived from the mineral resource estimate for the KLP set out in Company's NI 43-101 technical report titled, "*NI 43-101 Technical Report: Resource Assessment of the Kindersley Lithium Project in Saskatchewan, Canada for Grounded Lithium Corp. (As of March 15, 2023)*" (the "**Technical Report**") which is available on SEDAR at www.sedarplus.com. Certain data verification, exploration information and other disclosure regarding the mineral resources data contained in this press release is included in the Technical Report.

All values reported are in USD unless otherwise noted. The Company will file the PEA on SEDAR (www.sedarplus.com) within 45 days of this press release. The PEA presents data provided by several leading experts in their respective fields, namely Sproule Associates Limited, Grey Owl Engineering, Codeco - Vanoco Engineering Inc., Tundra Engineering Inc. and Fracture Modeling Inc.

The PEA is a preliminary cost estimate and includes inferred mineral resources that are considered too geologically speculative to have the economic considerations applied to them that would enable them to be categorized as mineral reserves under National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"). There is no certainty the results of the KLP outlined by the PEA will be realized.

Leadership Team – We Build



Disciplined resource development professionals with history of economic success



Gregg Smith President & CEO Honours B.Sc

Director



Dale Shipman

VP Operations P. Eng

Over 35 years combined technical and managerial experience

Led multi-discipline teams in the Bakken and Cardium plays that generated early land positions and focused D&C methodologies creating superior production outcomes with industry-leading F&D

As COO/CEO Petrobakken, grew production from 2,000 boepd to 50,000 boepd providing investors with >10X MOIC

25 years in operational leadership and senior executive roles.

Skilled in all aspects of operations and facilities management. Effective in op-cost/production optimization





Greg Phaneuf

SVP Corp Dev & CFO CPA:CA, CFA

Director

leadership disciplines

Geoff Speers

VP Exploration

P. Geo. B.Sc.

CPDA

Honours Geology.

Co-founder and CFO of two upstream resource companies

Led both domestic and international corporate development divisions for small and large enterprises

Over 28 years of combined experience in finance and

Led or assisted in financings in excess of \$2 billion and involved in M&A transactions in excess of \$7.5 billion

15 years technical experience in exploration, development, drilling and acquisitions in both conventional and unconventional reservoirs

Technically lead multiple large scale exploration and development programs for drilling and completion of over 300 wellbores

Principal geological advisor numerous A&D initiatives with transactional value > \$3 Billion



Lawrence Fisher

VP Land and Regulatory

Over 30 years of industry and university experience.

Served as VP Land with PetroBakken, managing all aspects of the Land Department and effectively managed numerous acquisitions and divestitures.

As a University instructor, trained many of the industry and government professional land negotiators and administrators.



Board of Directors & Advisors

Wisdom and expertise to guide management and steward shareholder interests

Board Member	Experience	Chair	Other Committees
John Wright*	Wright* Engineering, finance, governance		Resources
Dave Antony* Finance, capital markets, reporting, controls		Audit	Compensation
Mark McMurray* Geology, capital markets, A&D		Resources	Audit, Compensation
Gregg Smith Geology, strategy, operations			Resources, Audit
Greg Phaneuf	Finance, strategy, capital markets, reporting		

*Independent Director

Advisors	Experience
Wayne Monnery	Chemical Engineering, DLE Expert
Gurpreet Sawhney	Reservoir Modelling & Simulation
Dave Allen	Geology
Brian Bidyk	Legal, M&A, Corporate Secretary
Wayne Gaskin	GeoSciences

John Wright

Chairman of GLC, Mr. Wright also serves as the Chairman of two resource development companies in the oil and gas sector (Touchstone Exploration, Alvopetro Petroleum). Former CEO of Petrobank, Ridgeback Resource. Mr. Wright is a Professional Engineer and Chartered Financial Analyst. Mr. Wright also manages a private corporate finance advisory service firm since 2017.

Dave Antony

Mr. Antony has over thirty-years experience in assisting companies in structuring transactions, accessing capital and corporate governance. Mr. Antony has extensive experience as a director and officer of numerous companies in many industries, including the resource industry. Mr. Antony has served as Chairman of the Alberta Local Advisory Committee for the TSX Venture Exchange. Additionally, Mr. Antony was a member of the TSX Venture National Advisory Committee. Mr. Antony obtained his Bachelor of Management degree from the University of Lethbridge and is a past member of the Institute of Chartered Accountants of Alberta.

Mark McMurray

Mr. McMurray has over forty-years of experience in corporate executive and financial institutional roles. He has served on numerous board of directors of both public/private companies and not-for-profit organizations. Mr. McMurray activities have encompassed corporate planning; investment analysis and decision-making; corporate credit; governance; financial and process audit; capital and money markets; project finance; financial risk management, and M&A activities.

DLE – Noteworthy Industry Progression/Advancement



Grounded – Fast Follower at Low Valuation



significantly increase the supply of lithium from brine projects (much like shale did for oil), nearly **doubling lithium production** on higher recoveries and improving project returns, though with the added bonus of offering ESG/sustainability benefits, while also widening rather than steepening the lithium cost curve. We explore the progress, economics, and implications of DLE being implemented at scale, with increasing relevance in the context of Chile's recent National Lithium Policy.

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Standard Lithium Signs Joint Development Agreement With Koch Technology Solutions

May 09, 2023 6:00am EDT

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Shared Technology Agreement to Accelerate Commercial Deployment of Standard Lithium's Projects on an **Exclusive Basis**

Performance Guarantees for High Levels of Commercial Lithium Extraction from Smackover Brines



Lake Resources and Lilac Solutions Announce Achievement of Major Milestone for Project Kachi

Argentina lithium development project successfully produces 2,500kg of lithium carbonate with minimal environmental impact; unlocks commercial development

April 17, 2023

Clean lithium developer Lake Resources NL (ASX: LKE; OTC: LLKKF)("LAKE") and its direct lithium extraction technology partner, Lilac Solutions ("Lilac"), today announced the production of 2,500kg of lithium carbonate equivalents (LCE) at Project Kachi, a world-class lithium pilot plant located in Argentina. Based on this successful result, Lilac has increased its ownership of the Kachi Project from 10% to 20%. The project is now on track to move from its pilot phase into commercial-scale development, which will make it the first lithium brine project in South America to produce lithium at commercial scale without the use of evaporation ponds for lithium concentration.

Standard Lithium Announces Positive Preliminary Feasibility Study Results for Its South West Arkansas Project

"Our team has also been hard at work at our Demonstration Plant at the Lanxess South Facility in El Dorado, processing approximately 14 million gallons of Smackover brine to date and successfully extracting lithium. We now have a well-tested direct lithium extraction ('DLE') process, and we successfully converted our DLE product into batteryquality lithium hydroxide."

Lithium from Brine – Low Cost & Sustainable



WHAT WILL LITHIUM SUPPLY COST IN \$ TERMS



Grounded PEA – Technical & Economic Vision

Robust Project Economics – Resilience to Lithium Hydroxide Price



Percentage Change in Pricing from PEA

