

Lithium & Boron Critical Mineral Exploration in North America

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The technical information contained in this presentation was reviewed and approved by Eric Saderholm P.Geo, Director of Canter Resources, a non-independent Qualified Person (QP), as defined under National Instrument 43-101 – Standards of Disclosure for Mineral Projects.

All historic production, drill or sample figures quoted herein are based on historical data and reports obtained and prepared by previous operators. The Company has not completed the work necessary to verify results at this time and there is no assurance as to the accuracy or completeness of included information. The Company considers this historical data to be relevant as the Company will use this data as a guide to plan future exploration programs. The Company considers the data to be reliable for these purposes, however, the Company's future exploration work will include verification of the data through check assay validation of historical assay values; validation of drilling data; validation of geological modeling; and more detailed re-logging and inspection of drill core. The historical figures have not been verified by a Qualified Person and should not be relied upon for any other purpose.

Readers are cautioned that mineralization at nearby projects described in this presentation are not necessarily indicative of the mineralization on the Company's projects.

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Our Mission

Canter Resources

Our mission is to responsibly explore and develop the strategic and critical resources necessary for the technology and clean energy transformations underway in North America. We recognize the vital role that lithium and boron play in enabling the technologies of the future, including microchips, computing, electric vehicles, renewable energy, and energy storage. We aim to provide the raw materials necessary for these technologies in support of the global shift towards a more productive and low-carbon economy.

Why Canter?



Experienced Technical & Capital Markets Team

Team with significant depth of exploration, project development and capital markets experience



Columbus Lithium-Boron Brine Project

Highly prospective ~25,000 acres land package covering substantial closed basin lithium-boron brine target in one of the world's best mining jurisdictions.(Nevada, USA)



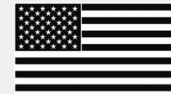
Comprehensive Database

Targeting at Columbus supported by extensive dataset & 3D modeling. Canter also has exclusive access to a vast critical metals targeting database it plans to leverage for portfolio growth.



Water Access

Critical water permits necessary for ongoing exploration and future development of Columbus secured.



Government Support

Significant government support of North American battery industry, including building a domestic EV supply chain beginning with exploration and development of critical metals projects.



2024 Drilling

Phased shallow drilling now complete. Updated 3D model, to guide deeper drilling expected Q4, 2024.

Our Projects

Columbus Basin Lithium-Boron Project

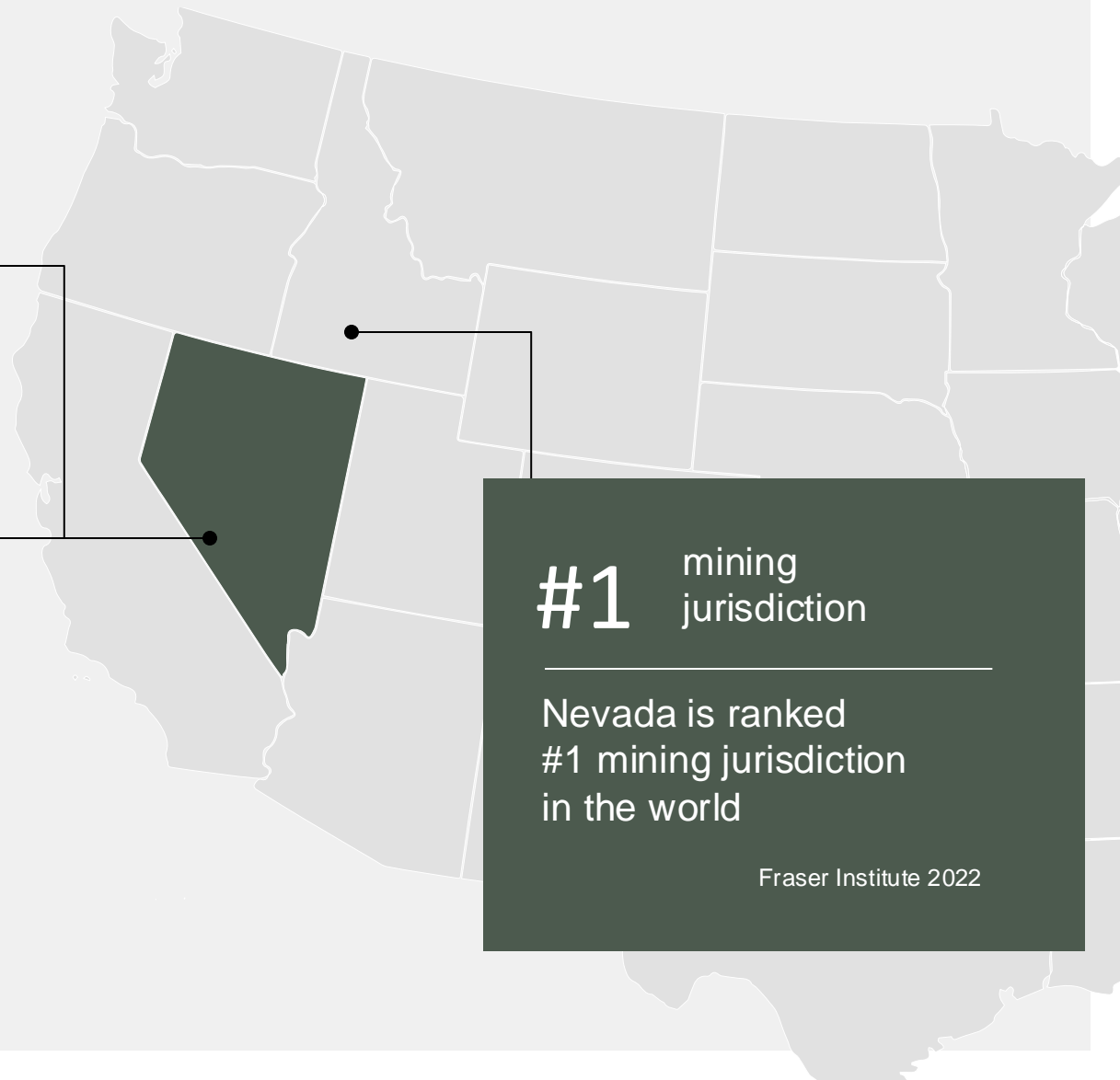
Commanding ~25,000-acre property package with demonstrated potential for a major lithium and boron brine discovery in the heart of Nevada's lithium belt

NEVADA, USA

Railroad Valley Lithium-Boron Project

Highly prospective 1,000-acre structurally closed basin with similar geological characteristics to Clayton Valley, North America's leading lithium producer since 1966.

NEVADA, USA



#1 mining jurisdiction

Nevada is ranked
#1 mining jurisdiction
in the world

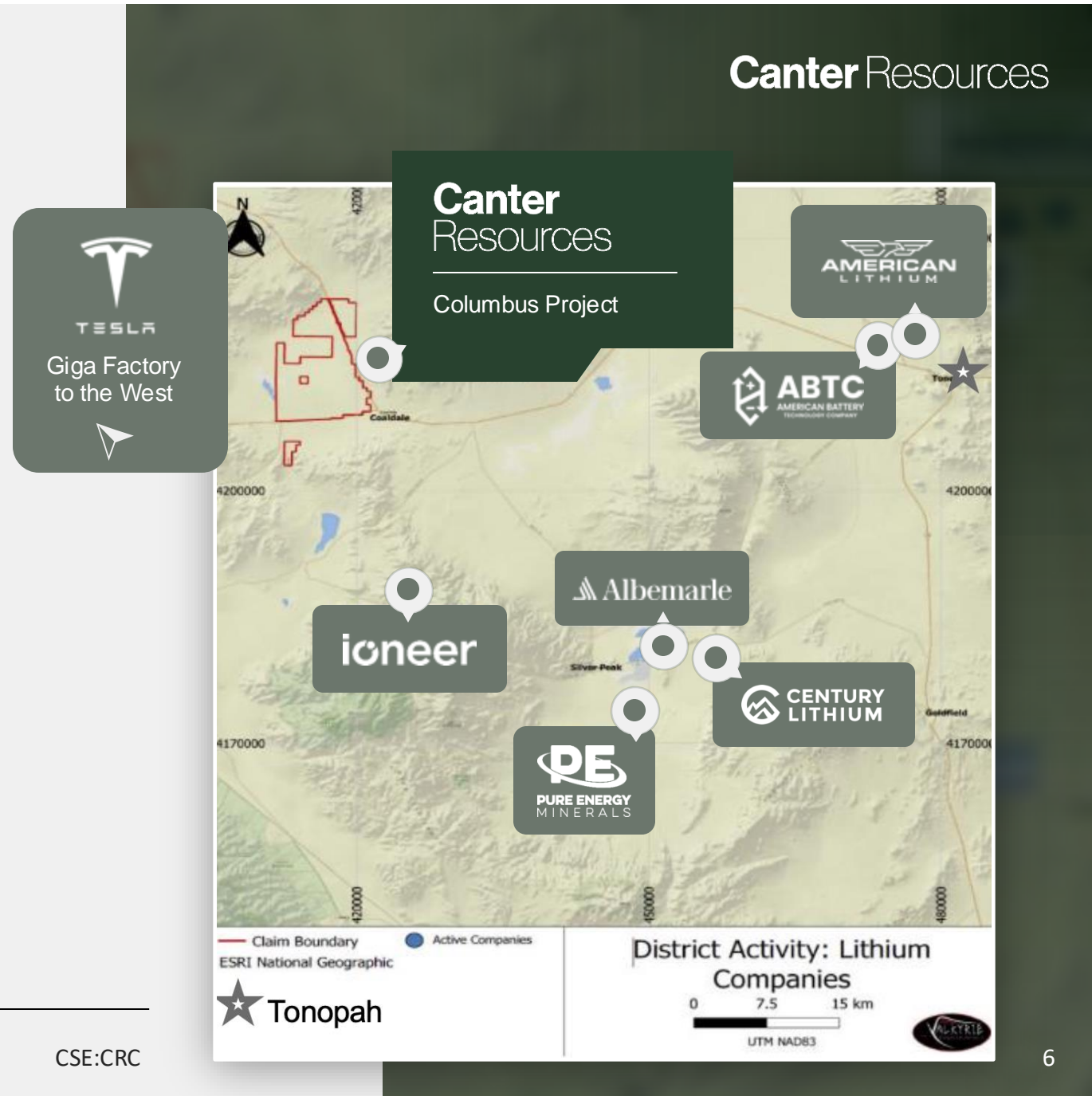
Fraser Institute 2022

Emerging Lithium District Near Tonopah

Columbus is unique in that it is a structurally and hydrologically closed basin in Nevada with surrounding lithium-boron bearing Tertiary volcanic ash and tuffs that have fed the basin for the past 23 million years.

Year-round exploration
with access to infrastructure

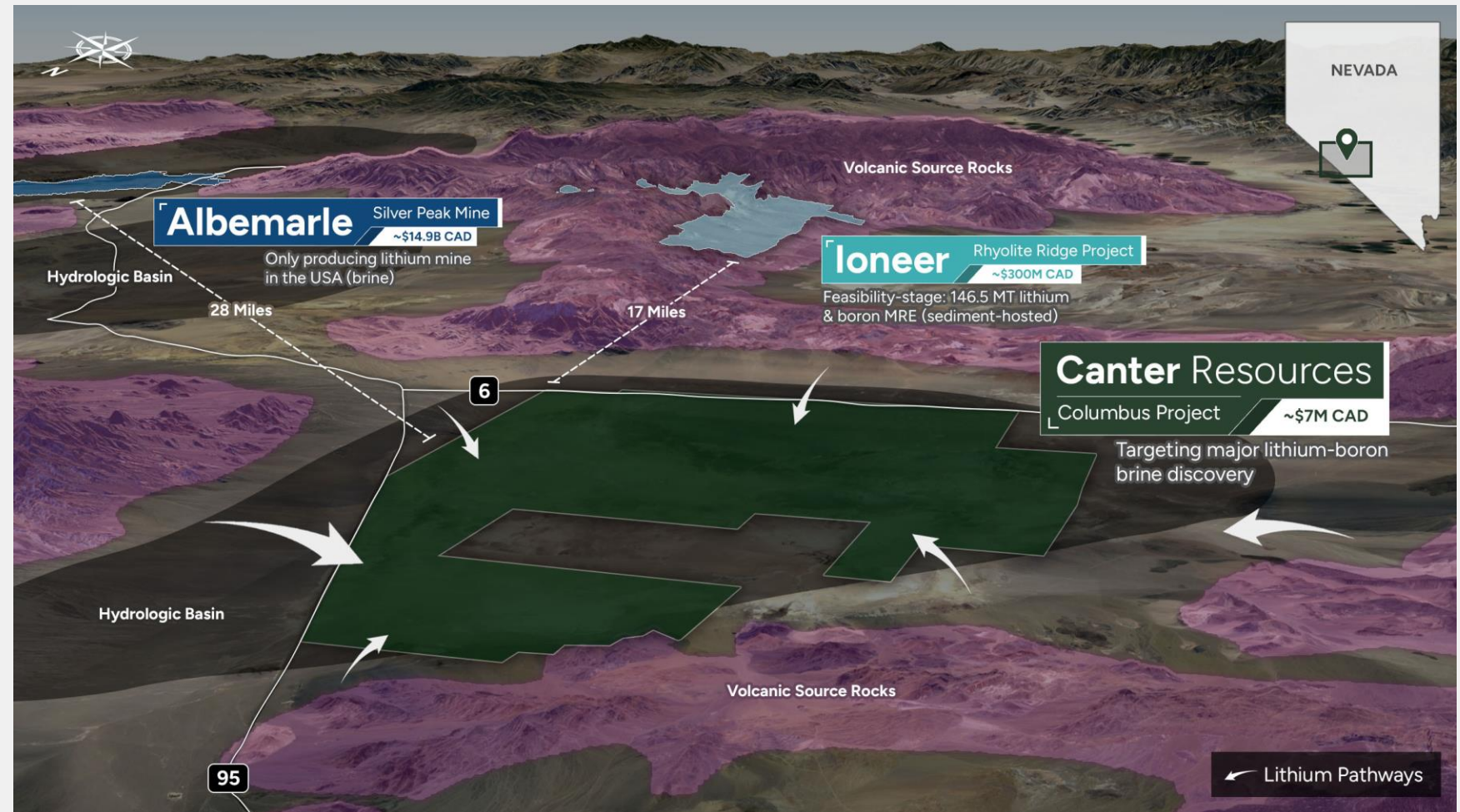
Accessible year-round via paved highway
(US- 95) with local gravel access roads
throughout the project area.



Structurally and geochemically similar to Clayton Valley and Rhyolite Ridge with Multi-Commodity Potential

The Columbus basin hosted historical boron (borax) production in the late 1800's and the same volcanic source rocks that feed loneer's (~\$300M CAD MC) nearby feasibility-stage Rhyolite Ridge lithium-boron (sediment/clay-hosted) Project also feed the Columbus basin.

Canter is targeting a major lithium-boron brine discovery in the Columbus basin's multi-tiered aquifer network. Phased shallow drilling has demonstrated potential for multi-commodity near-surface mineral resource potential with widespread lithium and boron mineralization in both brines/solids.



¹ [Reserves & Resources – loneer](#)

Disclaimer Note: Mineralization at nearby or adjacent properties is not necessarily indicative of mineralization hosted at the Company's Columbus Project.

As battery technology evolves, so does the need for Lithium content



87%

of batteries (LFP & NMC)
require approximately

45-60kg

of lithium carbonate
during production ¹

¹ Benchmark Mineral Intelligence. 2023 battery intensity estimates of NMC811, NMC622, NMC523, and NMC111

² "The Global Electric Vehicle Market Overview In 2023: Statistics & Forecasts". Virta Global.

240M

estimated electric
vehicles (EVs) by 2030

10%

of the estimated global
fleet in 2030 will be
made up by EVs ²

Boron: a critical element growing in demand

Estimated boron
Market Size

+\$2.0B ¹ USD

Steady Growth
at a CAGR of

4.3% ¹

Estimated boron
Tonnage ²

2024 4.89M tons

2029 6.04M tons

The duopoly and scarcity of the boron market:

30%

RioTinto

of world's boron supply is
sourced from the iconic
Boron Mine in Boron,
California ²

70%

 **ETIMADEN**

of the world's boron reserves
are held by Turkey's Eti Maden ³

¹ "Boron Market – Industry Analysis and Forecast (2024-2030)". Maximize Market Research PVT LTD. 2024.

² "Boron Market Size & Share Analysis - Growth Trends & Forecasts (2024 - 2029)". Mordor Intelligence. 2024.

³ "Assessment of Boron Reserves and Resources Worldwide". International Boron Association Report. 2021.

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B

Boron
10.811

Boron, the fifth element on the periodic table, is a rare light metal which does not exist by itself in nature. Rather, boron combines with oxygen and other elements to form boric acid, or inorganic salts called borates.

Traditional Boron Industries

- Glass & Ceramics
- Detergents & Cleaning Products
- Agriculture
- Metallurgy
- Flame Retardants
- Pharmaceuticals

Emerging Critical Growth Applications

(See slide 8)

- Semi conductors
- Electric Vehicles
- Renewal Energy
- Military
- Aerospace

Boron is a catalyst for technological evolution and innovation

Driving Innovation in Military Applications

Advanced anti-corrosion Boron properties are spearheading enhanced durability and strength among steel shells, protective vests, helicopters, and tanks.

Revolutionizing Aerospace Engineering

Boron alloys create materials resistant to corrosion and oxidation, crucial for aerospace components.

Renewable Energy Innovations

Boron is used to synthesizing energy-rich molecules, improving solar cell efficiency, and producing high-powered magnets for wind turbines.

Advancing Semi-Conductors & Electric Vehicles

Boron enhances conductivity and performance in semiconductor devices, as well, offers high energy density and stability in batteries for electric vehicles.



The USGS Inflation Reduction Act

is expected to include Boron on the Critical Metals List in 2025, highlighting its strategic importance and underlining its crucial role in national security and economic stability across diverse industries.

US Inflation Reduction Act and The Push for Domestic Lithium-Boron Supply

Promotes investment in domestic US energy production

Passed in August 2022, the Inflation Reduction Act (IRA) is a crucial step in enabling the North American battery industry, including building a domestic EV supply chain.

\$60B earmarked for critical minerals processing

The IRA earmarks \$60B, 5-year production tax credit for companies in clean energy manufacturing and critical minerals processing.

Loan incentives

The Department of Energy loan office authorized to spend up to \$250B by Sept '26, creating a massive opportunity for clean energy project loans in the next 4 years.

~\$1B in grants and loans already committed to surrounding Nevada lithium projects

\$70B

investment from the IRA towards EV and battery supply chains across the USA .

80%

of EV battery minerals need to be extracted and processed in the US or recycled in North America by end of 2026. 40% through 2023.

100%

of battery components will have to be manufactured or assembled in North America. 50% in 2024.

Minerals or components sourced from Russia and China will make vehicles ineligible for subsidies (ie. \$7,500 tax credit).

Columbus Project Summary

Demonstrated Lithium-Boron

2024 shallow drilling combined with historical results demonstrated multi- commodity potential for brine enrichment across multi-layered aquifers within the basin.

Expanded Property Package

Now ~25,000 acres covering extent of substantial brine target in central part of the Project and westward projection of open anomaly.

History

Former borax producer in the late 1800's. Acquired from known lithium discovery team. Project has all the hallmarks of a significant brine discovery.

Future Upside at Depth

Gravity surveys indicate a deep basement (up to 12,000 feet) highlighting the exploration upside and potential at depth

Data collected from 20-hole shallow drilling, geochemistry and structural profiling supports refined modeling for next phases of deeper drilling where significant potential for major lithium-boron brine remains.



Phased Shallow Drilling Sets Foundation for Discovery at Depth

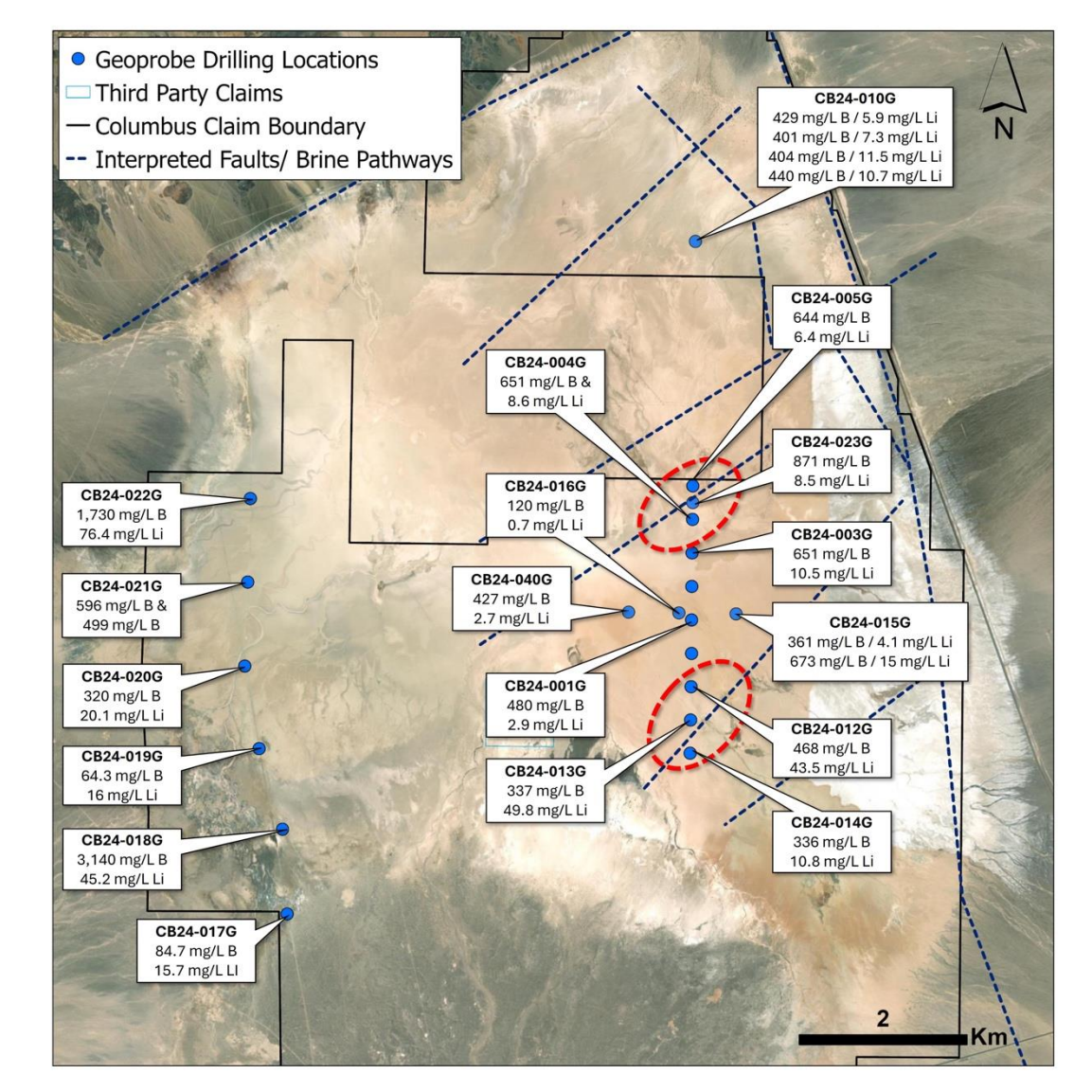
Phased shallow drilling confirmed widespread lithium and boron mineralization within shallow aquifers.

Structural and geochemical similarities to Clayton Valley and Rhyolite Ridge, suggest significant potential for higher-grade lithium brines as drilling probes deeper into the basin.

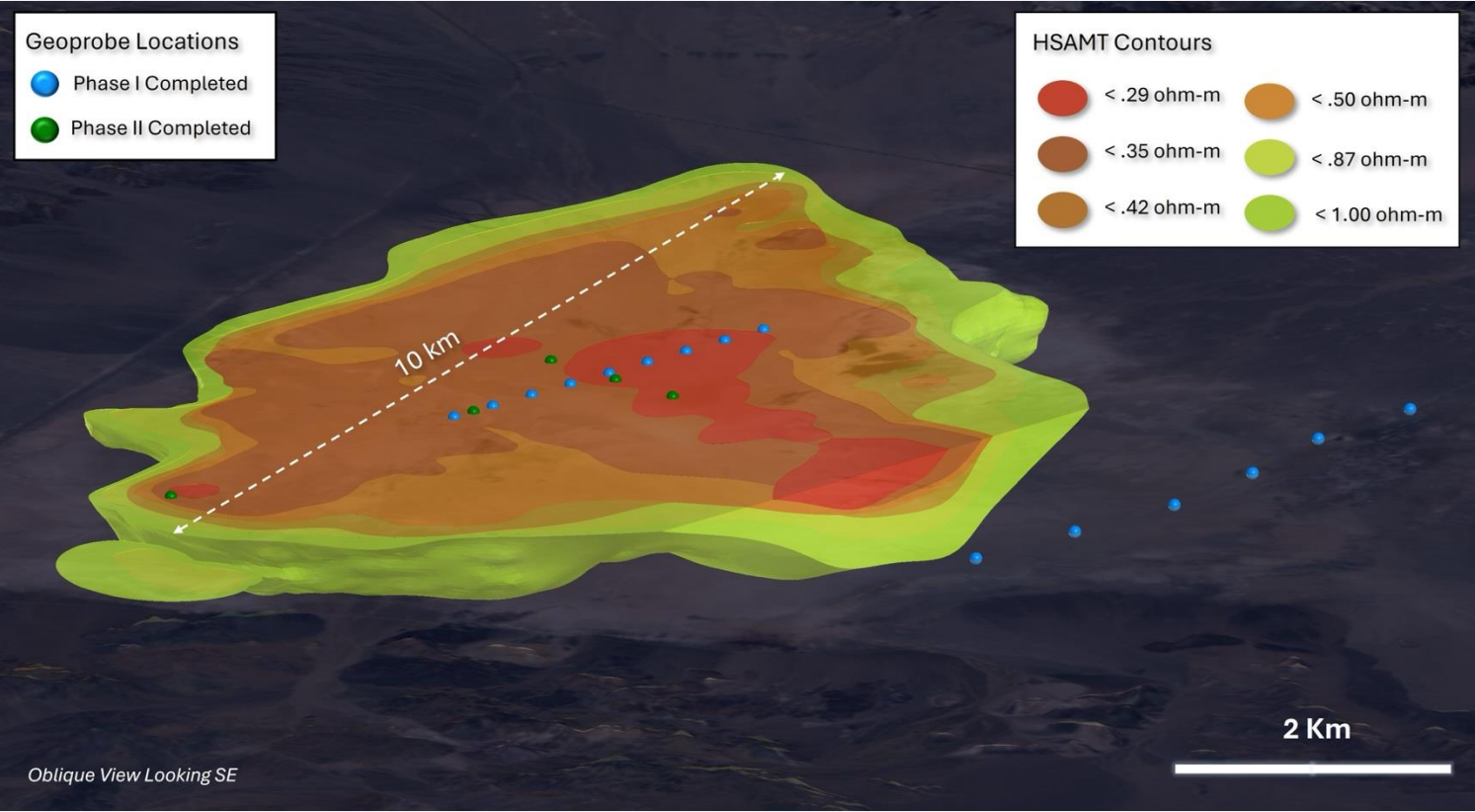
Deeper drilling aims to unlock higher-grade potential for multiple strategic and critical minerals in structural traps (reservoirs).

Peak Concentrations of Li-B from upper 30 m	
Boron mg/L	Lithium (mg/L)
3,140	76.4
1,730	49.8

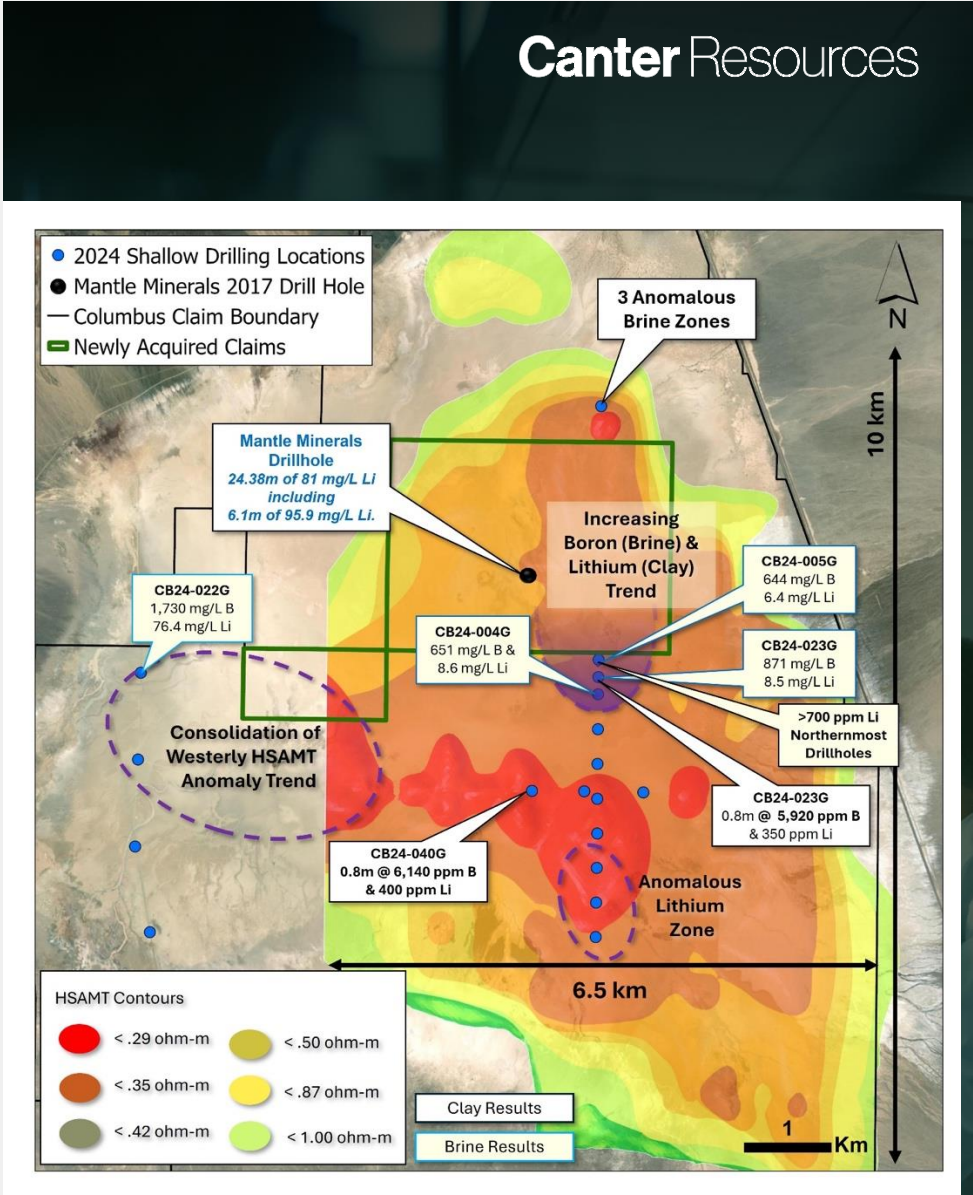
All brine results from 20 shallow holes have been reported. Highlight shown are not inclusive of all results (see news releases dated October 15, 2024, July 30, July 2, & June 3, 2024 for complete results). Sediment/clay assay results pending..



Full Coverage of MT Anomaly and Advancing towards Phase III Drilling



Consolidated claim package totaling 25,000 acres provides full coverage of significant volume of highly conductive (HSAMT) anomaly and its westward projection. Canter is nearing completion of a fully integrated and updated 3D model to guide Phase III drilling that will target structural trap targets where the highest concentrations of lithium and boron are expected to occur in the basin.



Railroad Valley Project

100%-owned claims

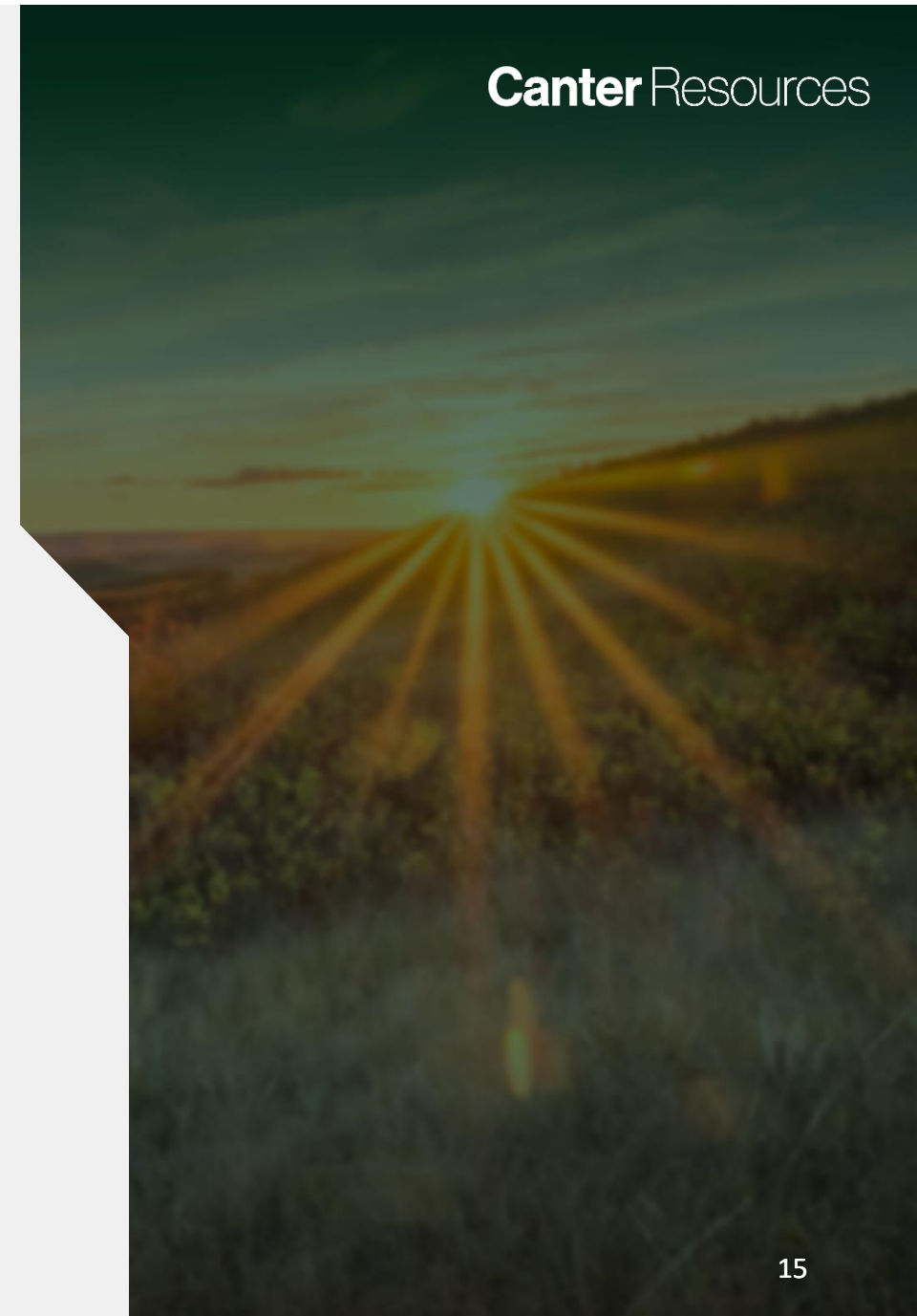
1,000-acre property in Railroad Valley, Nye County, Nevada, 164 km east-northeast of Tonopah by Highway 6.

Geological Potential

Structurally closed basin with fault-bounded graben structures ideal for lithium and boron brine accumulation. Shares critical geological features, but with a 2.5x larger catchment area and 3.5x larger playa surface area than Clayton Valley, North America's leading lithium producer since 1966 though significantly larger

Status

Largely underexplored despite promising geology. Low-cost, strategic acquisition to expand Canter's Nevada lithium-boron portfolio.



Key Milestones Completed

- ☒ Completed transactions to acquire Columbus Lithium-Boron Project and Railroad Valley Project establishing a significant footprint in the highly prospective Columbus Basin located in one of the world's top mining districts of Nevada
- ☒ Secured critical water rights for the Columbus Basin
- ☒ Completed phased shallow drilling programs identifying widespread lithium-boron mineralization (brines) in multi-tiered aquifer system setting strong foundation for potential lithium-boron brine discovery with deeper drilling
- ☒ Amended Columbus option agreement to provide financial flexibility to allow the Company to focus resources on next phases of deeper discovery drilling
- ☒ Consolidation/expansion adding key claims to provide full coverage of best historical lithium brine zones from previous drilling and full coverage of prospective MT anomaly

Capital Structure

Ticker

CSE:CRC

OTC:CNRCF

FRA: 601

Common Shares	52,488,401
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Options	580,000
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Warrants (avg. exercise price of \$0.60)	3,657,620
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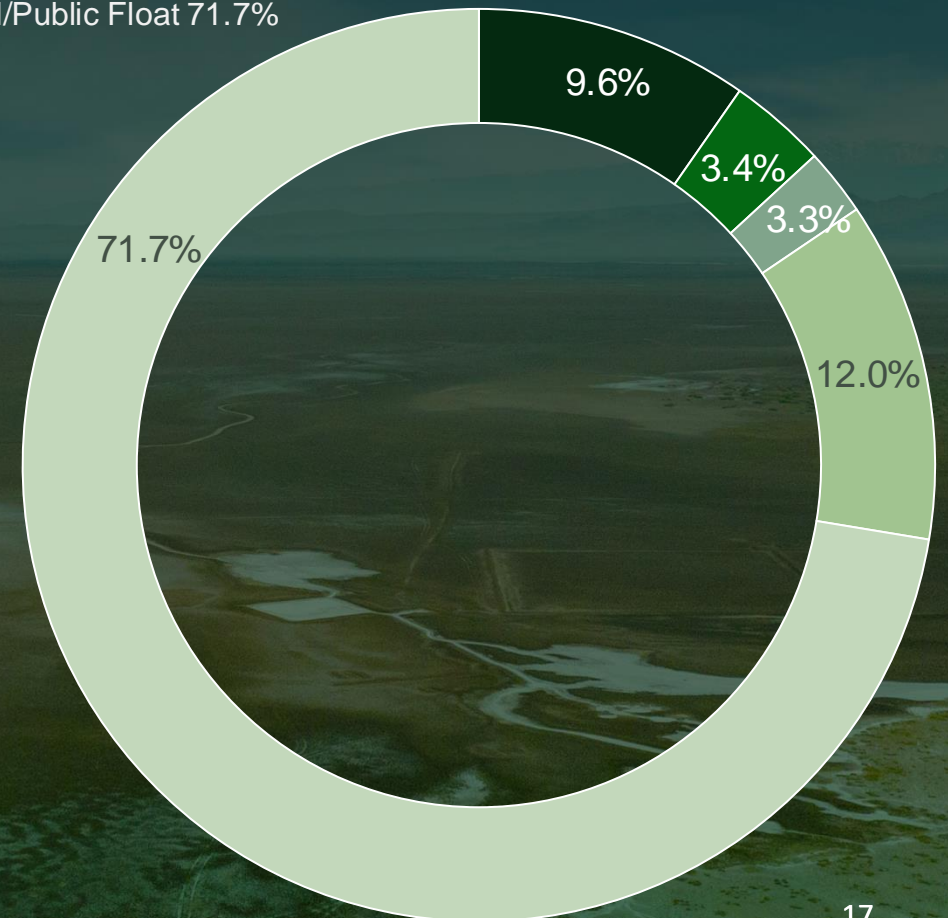
Shares (Fully diluted)	56,726,021
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Cash Position	~\$1.97M*
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*As of June 2024

Canter Resources

- Management & Insiders 9.6%
- Nevada Alaska Mining (Property Vendor) 3.4%
- Funds/Institutions 3.3%
- Closely Related Partner Groups (Michael Gentile, Advisors) 12.0%
- Retail/Public Float 71.7%



Management & Consultants



Joness Lang
CEO & Director

Executive leader with over 15 years experience, leading or co-leading over \$100M in equity raises with significant transaction experience spanning M&A, JVs, and strategic partnerships with major mining companies.



Alnesh Mohan
CFO

A finance executive with 20+ years experience providing advisory services. He's been a partner at Quantum Advisory Partners, a professional services firm focused on providing CFO & accounting services to companies, since 2005..



Korbon McCall
Sr Project Geologist

Co-Owner of Valkyrie Resources and Exploration Geologist who has been involved in projects ranging from grass roots mineral exploration to multi-rig drill programs.



Geoff Baldwin
Hydro Geologist

P.Geo and experienced hydrogeologist specializing in hydrogeology. Expertise in hydrologic theory, data collection, and project management across all mine stages and in remote global locations.



Michael Gentile
Strategic Advisor

Prominent strategic investor in junior mining, with significant stakes in 20+ small-cap mining companies. He co-founded \$300M Bastion Asset Management prior to which he was a VP and Senior PM at Formula Growth.

Board of Directors & Technical Advisors

Eric
Saderholm

Independent Director
(Tech Committee member)

Professional Senior Geologist, current Managing Director of Exploration for American Pacific Mining and former Newmont Exploration Manager for the Western US.

Ken
Cunningham

Independent Director
(Tech Committee member)

Professional Senior Geologist with 45+ years worldwide diversified mineral exploration, geology, and mining focused in uranium, gold, copper and lithium. Formerly, served as the President and CEO of Miranda Gold Corp. for more than a decade.

Warwick
Smith

Director & Strategic Advisor

Experienced venture capitalist focused on the resource sector, known for successful M&A transactions. As CEO of American Pacific Mining Corp., including, acquisitions of: Constantine Metals, and its 14M tonne Palmer VMS Project in Alaska.

A track record of success in corporate, capital markets and exploration & discovery

CanterResources



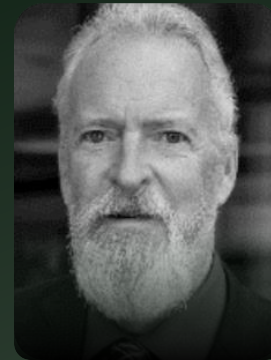
Joness
Lang

CEO & Director



Warwick
Smith

Strategic Advisor



Eric
Saderholm

Director &
Technical Advisor



Ken
Cunningham

Technical Advisor

S&P Global
Platts

THE WALL STREET JOURNAL
WSJ

Leadership team from American Pacific Mining

American Pacific was ranked #1 performing gold stock globally in 2021 and was a selected finalist in both 2021 and 2022 for 'Deal of the Year' at the S&P Global Platts Global Metals Awards and recently completed a very accretive transaction that included \$10M USD in cash and 100% ownership interest in the high-grade Palmer VMS Project. Canter is a sister company backed by the same team.

Key Takeaways

Striving to become a prominent critical metals exploration company in North America

Targeting a major discovery of lithium and boron mineralization

(Boron emerging as a strategic and critical mineral given lack of suppliers and accelerated growth projections/applications)

Flagship Columbus Lithium-Boron Project

From the same vendors that originally staked nearby lithium projects that have supported \$1B in market capitalization

Large-scale lithium-boron brine target

The 25,000-acre Columbus Project continues to demonstrate consistent widespread lithium-boron mineralization in brines from shallow drilling and based on structural similarities to Clayton Valley, shows significant potential for higher-grade lithium-boron brines at depth.

Exploration partnership with a highly-qualified technical team

Bringing proprietary targeting database and deep critical metals/minerals exploration experience in the US

Executive team & advisors

Collectively own more than 20% of the Company with track record of discovery, project development and securing strategic partnerships

Targeting the next Rhyolite Ridge (brine vs clay)

20-hole shallow drill program **demonstrated the same lithium-boron commodity mix in brines as the nearby (17 miles) Rhyolite Ridge Project (loneer - ~\$300M).**

Shallow drilling complete and 3D model updates underway: foundation set for deeper discovery drilling in 2025.

Thank you

For investor inquiries:

☎ +1-604-908-1695

✉ investors@CanterResources.com