



ACME

Lithium Inc

POWERING THE ENERGY REVOLUTION

CORPORATE PRESENTATION

August 2022 | CSE: ACME | US OTCQB: ACLHF

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THE FUTURE STARTS HERE

At ACME Lithium, the building blocks for the future are our focus today.

The company has multiple North American projects in areas known for lithium development and exploration. Two are found in a highly prospective region for lithium production in Clayton Valley and Fish Lake Valley, Esmeralda County, Nevada, USA, and another two are in the pegmatite fields of the Bird River Greenstone Belt in southeastern Manitoba, Canada.

We aim to power the energy revolution. Join us.

THE RIGHT MARKET



Lithium demand
is expected to double
by 2024

THE RIGHT ADDRESS



We're in regionally strong
areas for growth and
exploration

THE RIGHT PEOPLE



Backed by a successful
track record on global
resource projects



MEET LITHIUM:

A soft and lightweight metal that's changing the world.

\$75.03 BILLION USD

Global lithium-ion battery market size in 2020

23.3% CAGR

Projected compound annual growth rate from 2021 to 2028

\$193.13 BILLION USD

Projected market size by 2028

THE STORY OF LITHIUM



HOW IT'S USED

Lithium powers rechargeable batteries in electronics including cell phones, laptops, cameras, tools, and most notably, electric vehicles (EVs).



WHERE IT COMES FROM

Lithium is found in rocks and clays as well as brine that is taken from underground pools and then extracted.



WHY IT MATTERS

EV sales increase every year and consumers can expect to see prices drop as the market grows. And the star in EV production? Lithium, of course.

NORTH AMERICAN MARKET DRIVERS

LITHIUM SUPPLY CHAIN HEADING TOWARD A “PERPETUAL DEFICIT”

according to Macquarie Bank and Credit Suisse projections

JULY 2021

\$42 BILLION USD INVESTMENT REQUIRED TO MEET 2030 DEMAND

detailed in projection analysis from Benchmark Mineral Intelligence

MAY 2022

CANADA TO INVEST C\$2 BILLION ON CRITICAL MINERAL STRATEGY

focused on mineral extraction and processing for EV battery production

APRIL 2022

BIDEN INVOKES DEFENSE PRODUCTION ACT

to ramp up domestic mining and secure lithium supply chain in U.S.

MARCH 2022

Sources:
<https://www.forbes.com/sites/timtreadgold/2021/07/02/lithium-price-tipped-to-rise-after-warning-of-perpetual-deficit/?sh=59484db24ab7>
<https://www.resourcesrisingstars.com.au/news-article/lithium-demand-expected-quadruple-requiring-42b-investment>
<https://www.nytimes.com/2022/03/31/business/economy/biden-minerals-defense-production-act.html>
<https://www.reuters.com/business/exclusive-canada-spend-c2-bltn-mineral-strategy-ev-battery-supply-chain-2022-04-04/>

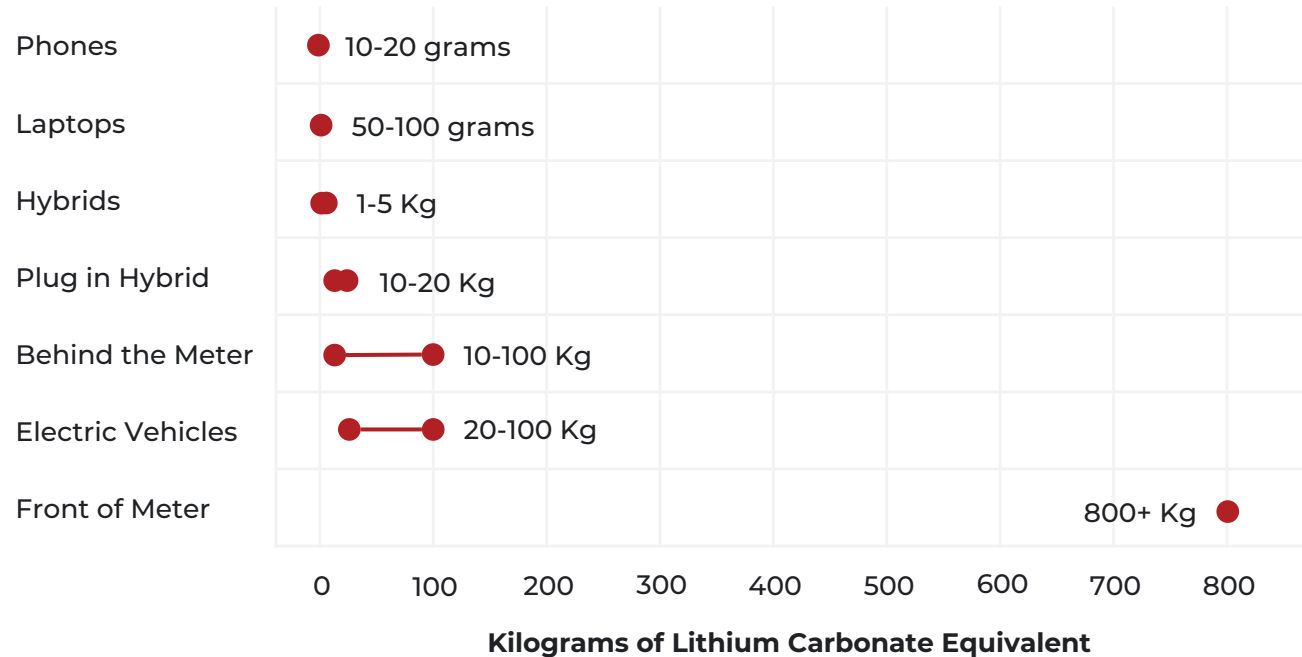


“Supply chain in the U.S. today for [EV] batteries is about 40,000 tons per year, which is going to go to excess of 400,000 tons per year by 2030. The entire world supply, today, needs to be replicated just for use in North America in less than 10 years... and global demand for lithium is expected to grow 4,000% by 2040 according to the International Energy Agency.”

BUILDING THE FUTURE, TOGETHER

LITHIUM CARBONATE USE FOR VARIOUS DEVICES

Range of LCE (lithium carbonate equivalent)



RAPID GROWTH IN A CHANGING WORLD

While lithium is used in countless ways, the part it plays in EVs is the most interesting opportunity to watch in the coming years.



10%

OF PASSENGER VEHICLES ARE FORECASTED TO BE POWERED BY LITHIUM-ION BATTERIES GLOBALLY BY 2025

27%

OF PASSENGER VEHICLES ARE FORECASTED TO BE POWERED BY LITHIUM-ION BATTERIES GLOBALLY BY 2030

58%

EXPECTED LITHIUM-ION BATTERY PENETRATION BY 2050 IF THE GROWTH TREND CONTINUES

“

“The path to net-zero emissions undeniably includes lithium, an essential raw material for the lithium-ion batteries that power electric vehicles and energy storage applications.”

THE PINNACLE OF THE POWER REVOLUTION

**\$48.19
BILLION USD**

Lithium-ion battery
market size value
in 2022

**18.1%
CAGR**

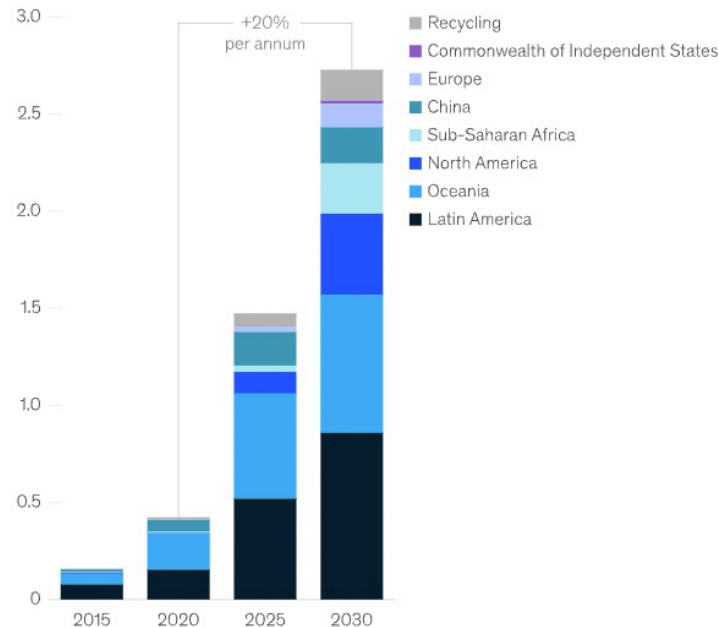
Expected global
market growth
from 2022 to 2030



“To retain a competitive [automotive industry] manufacturing base, the U.S. needs a competitive EV industry supported by lithium battery manufacturing”

AN URGENT NEED FOR THE DOMESTIC SUPPLY OF LITHIUM

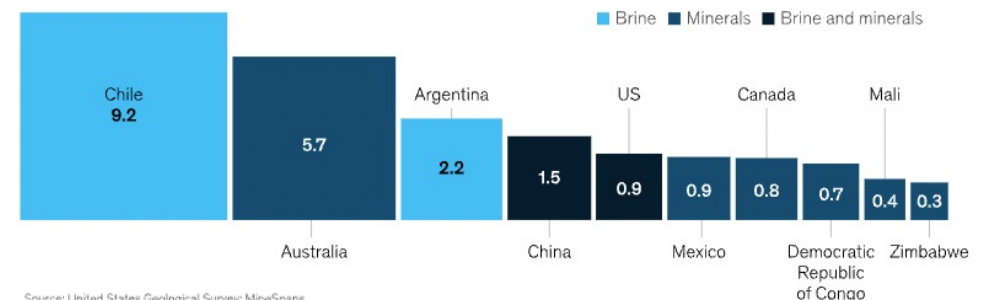
Global lithium production by source¹,
million metric tons lithium carbonate equivalent



¹2015 and 2020 estimated actual supply; 2025 and 2030 supply calculated at 93% utilization of capacity; includes all project categories. Source: MineSpans

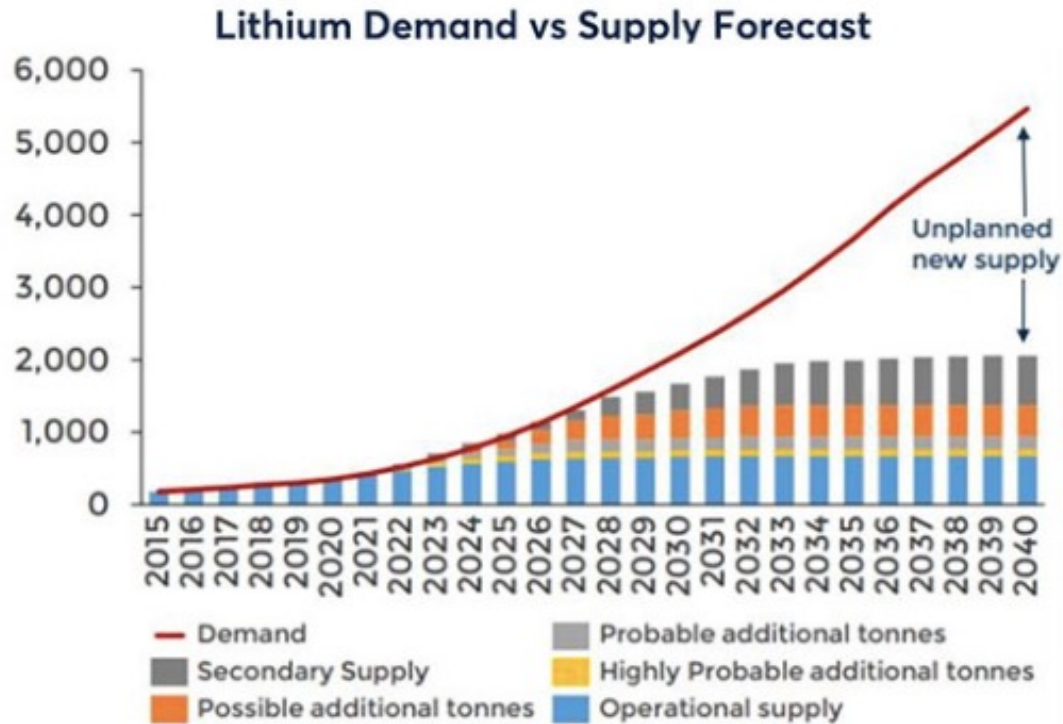
Just a few countries dominate lithium production, but reserves are found around the world. In the U.S., the government is actively focused on building a domestic lithium supply chain.

Top 10 countries with largest lithium reserves,
million metric tons



Source: United States Geological Survey; MineSpans

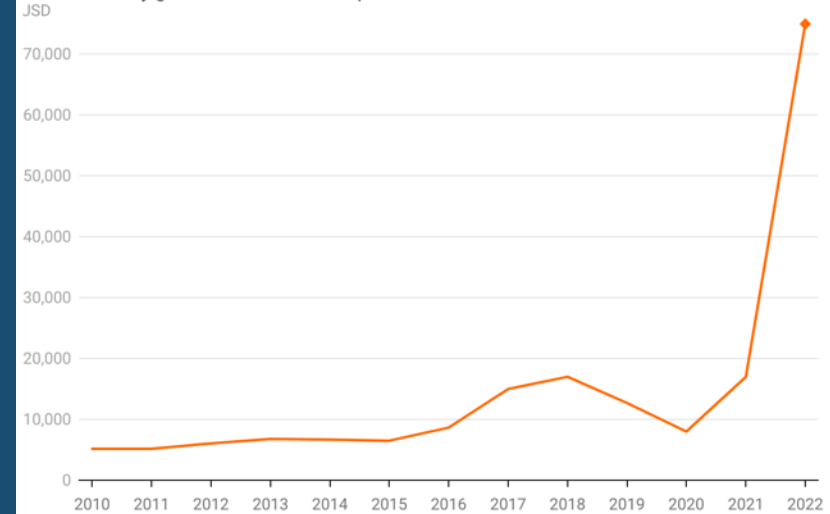
WHERE IS LITHIUM GOING?



source: Benchmark Minerals

Lithium prices have spiked sky-high

Price of battery-grade lithium carbonate per metric ton in U.S. dollars



Prices for 2010–2021 are annual averages from the U.S. Geological Survey. Price for 2022 is from S&P Global Commodity Insights on May 4, 2022.

Chart: Canary Media • Source: U.S. Geological Survey

“

“Battery grade lithium carbonate prices reached an all-time high in 2021 and..the outlook means further increases for a commodity where prices have already skyrocketed in the last year.”

ACME LITHIUM PROJECTS

NEVADA

CLAYTON VALLEY

100% interest in 122 claims owned and under option to acquire, totaling 2,440 acres

FISH LAKE VALLEY

100% interest in 144 lode mining claims owned, totaling approximately 2,975 acres

MANITOBA

SHATFORD LAKE

100% interest in 21 claims owned, totaling 8,883 acres

CAT-EUCLID LAKE

100% interest in 6 claims owned, totaling 2,930 acres



WITH MULTIPLE NORTH AMERICAN PROJECTS IN REGIONS KNOWN FOR LITHIUM DEVELOPMENT, ACME IS POISED TO POWER THE ENERGY REVOLUTION AND GROWTH OF A DOMESTIC LITHIUM SUPPLY CHAIN IN THE UNITED STATES.

NEVADA PROJECTS

Welcome to Esmeralda County, Nevada, the epicenter of lithium exploration and development in the United States.

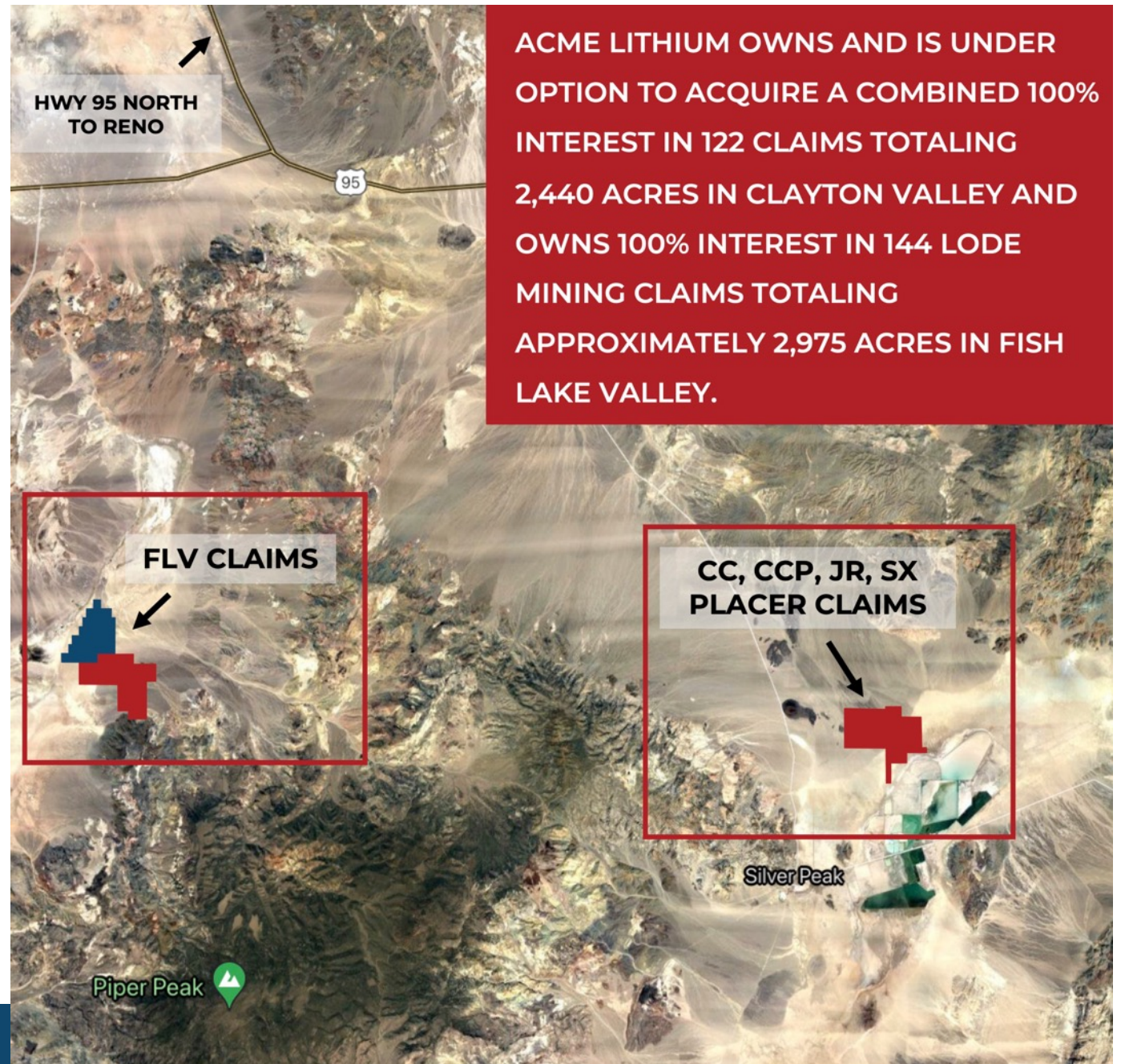
PROJECT HIGHLIGHTS:

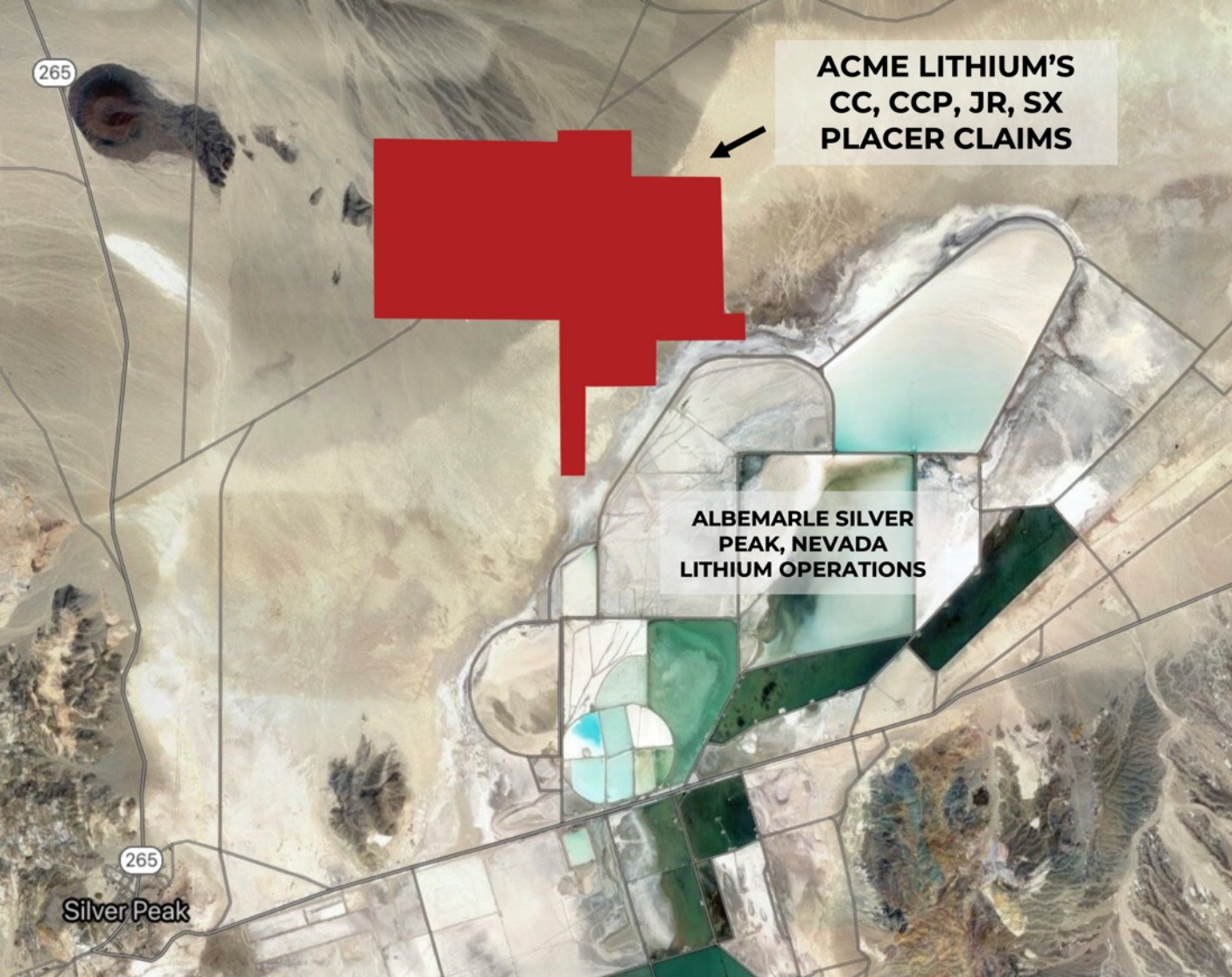
- ACME Lithium owns and is under option to acquire a combined 100% interest in 122 claims totaling 2,440 acres in Clayton Valley and owns 100% interest in 144 lode mining claims totaling approximately 2,975 acres in Fish Lake Valley
- Nevada is the best mining jurisdiction in America
- Access to expertise, infrastructure, rail and roads, power and water
- Excellent weather, logistics, access year-round
- Tesla's Gigafactory less than 200 miles northwest
- Las Vegas less than 200 miles southeast



BUILDING BLOCKS OF THE FUTURE

- ACME's projects neighbor Silver Peak lithium mine in Clayton Valley, owned and operated by the Albemarle Corporation (NYSE: ALB)
- The mine has produced lithium minerals from brines continuously since 1966
- Our Clayton Valley project has the potential to host lithium brines similar to Silver Peak
- Silver Peak samples analyzed up to 228 ppm lithium and concentrations up to +1,000 ppm have been found to occur within specific horizons of fine sediments





CLAYTON VALLEY PROJECT OVERVIEW

- ACME's CC, CCP, JR, and SX Placer Claims in Clayton Valley are found in an area with a rich history and promising future
- The claims cover basin-fill sediments and aquifers similar to sediments currently producing lithium brines in the region
- Extensive valley growth faults may provide an adequate plumbing system to foster brine reservoir accumulation for moving fluids around

ACME LITHIUM OWNS AND IS UNDER OPTION TO ACQUIRE A COMBINED 100% INTEREST IN 122 CLAIMS TOTALING 2,440 ACRES IN CLAYTON VALLEY

POSITIVE OUTLOOK FOR THE FUTURE

- ACME's Fall 2021 survey of the project claims by Hasbrouck Geophysics reported positive results for potential lithium brine
- The Phase 1 Gravity Survey and Phase 2 Hybrid Source Audio-Magnetotellurics (HSAMT) survey prioritized key drill locations to test for lithium concentrations within groundwater brines
- Based on low resistivity values, multiple areas and zones are interpreted to correlate to lithium brine occurrences in saline rich aquifers or brine saturated pebble gravel
- Prior borehole sampling near the claims has found lithium-brine present from 85 meters to the total borehole depth of 370 meters with higher concentrations within pebble gravel

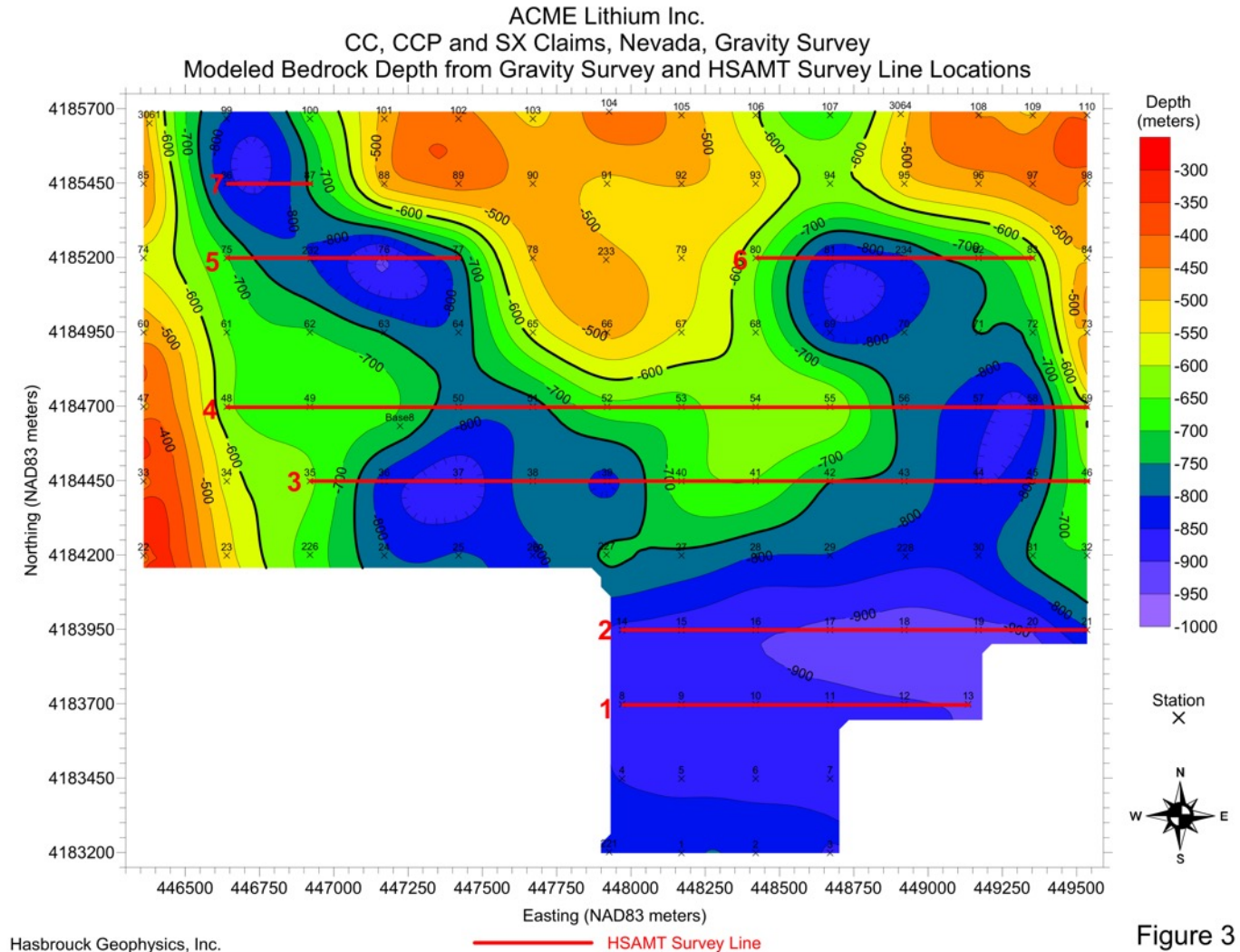


Figure 3

ACME'S CLAYTON VALLEY DRILL PROGRAM

In June 2022, ACME commenced our Phase 1 Drill Program in Clayton Valley. Harris Drilling Exploration and Associates Inc. has been contracted to provide drilling services based on prospective lithium brine targets defined by geophysical in Fall 2021.

Phase
1

PROSPECTIVE BASIN SEDIMENTS HAVE BEEN ENCOUNTERED AND DELINEATED AS HIGHLY PROBABLE FOR AQUIFER UNITS

1,250
feet

TARGETED BASAL GRAVEL AQUIFER DEPTH BELOW GROUND SURFACE, WITH MULTIPLE PRODUCTIVE HORIZONS INTERSECTED FOR SAMPLE BRINE COLLECTION

1,400
feet

DRILL HOLE DH-1 DEPTH BELOW GROUND SURFACE; CORE IS CONSISTENT WITH KNOWN BASIN STRATIGRAPHY



A SIGNIFICANT DISCOVERY AT CLAYTON VALLEY

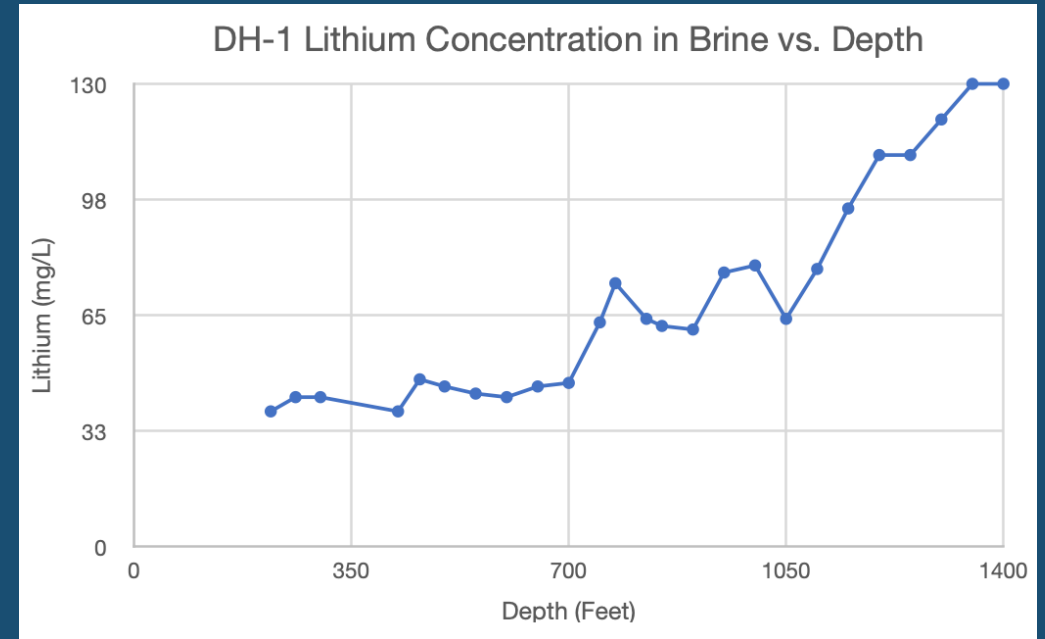
Positive results have been reported following the analysis of brine samples taken from the Phase 1 Drill Program.

KEY FINDINGS:

- Lithium detected at concentrations ranging between 38 and 130 mg/L
- Results strongly indicate existence of a bicarbonate rich groundwater quality affinity which is typical in Clayton Valley lithium brine aquifers
- Lithium concentrations appear to increase in the vicinity of the deeper lacustrine tuff unit and in deep gravels underlying the tuff near the bottom of the DH-1

NEXT STEPS:

- Findings have initiated Phase 2 planning and procurement of an expanded drilling and pump test program with a target to commence Q4 2022
- Phase 2 will include a larger diameter test well and up to three new exploration holes to examine deeper horizons



SAMPLES OF BRINE TAKEN FROM DH-1 AT VARIOUS INTERVALS WERE SENT TO AN INDEPENDENT LAB AND ANALYZED FOR LITHIUM AND OTHER ELEMENTS TYPICAL OF LITHIUM ENRICHED BRINE SYSTEMS. ASSAY RESULTS INDICATE LITHIUM CONCENTRATIONS LIKELY INCREASE WITH DEPTH AND WITH TEMPERATURE.

AN EMERGING TECHNOLOGY

DIRECT LITHIUM EXTRACTION

DLE is the technology we expect to use at Clayton Valley to process lithium. It is a low-cost and sustainable technology that extracts lithium from brine water.

- DLE is a more efficient process compared to traditional lithium extraction by selectively removing highly pure lithium from brine in a much smaller manufacturing facility that uses less water
- A few different technologies can be used to achieve this: porous materials that allow for lithium bonding, ion exchange, and solvent extraction
- ACME is developing relationships with companies that have DLE technology
- Schlumberger and Panasonic are currently building a DLE pilot plant near our Clayton Valley Project



Schlumberger

ENERGY-X

E3 LITHIUM

Lilac
solutions

FISH LAKE VALLEY PROJECT OVERVIEW

600 PPM IN LITHIUM CLAYSTONE

Found in historical sediment sampling results; positive geophysical surveys are consistent with exploration concept of Tertiary claystone which may host geochemically anomalous concentrations of lithium

LITHIUM WITHIN CLAY-RICH HORIZONS

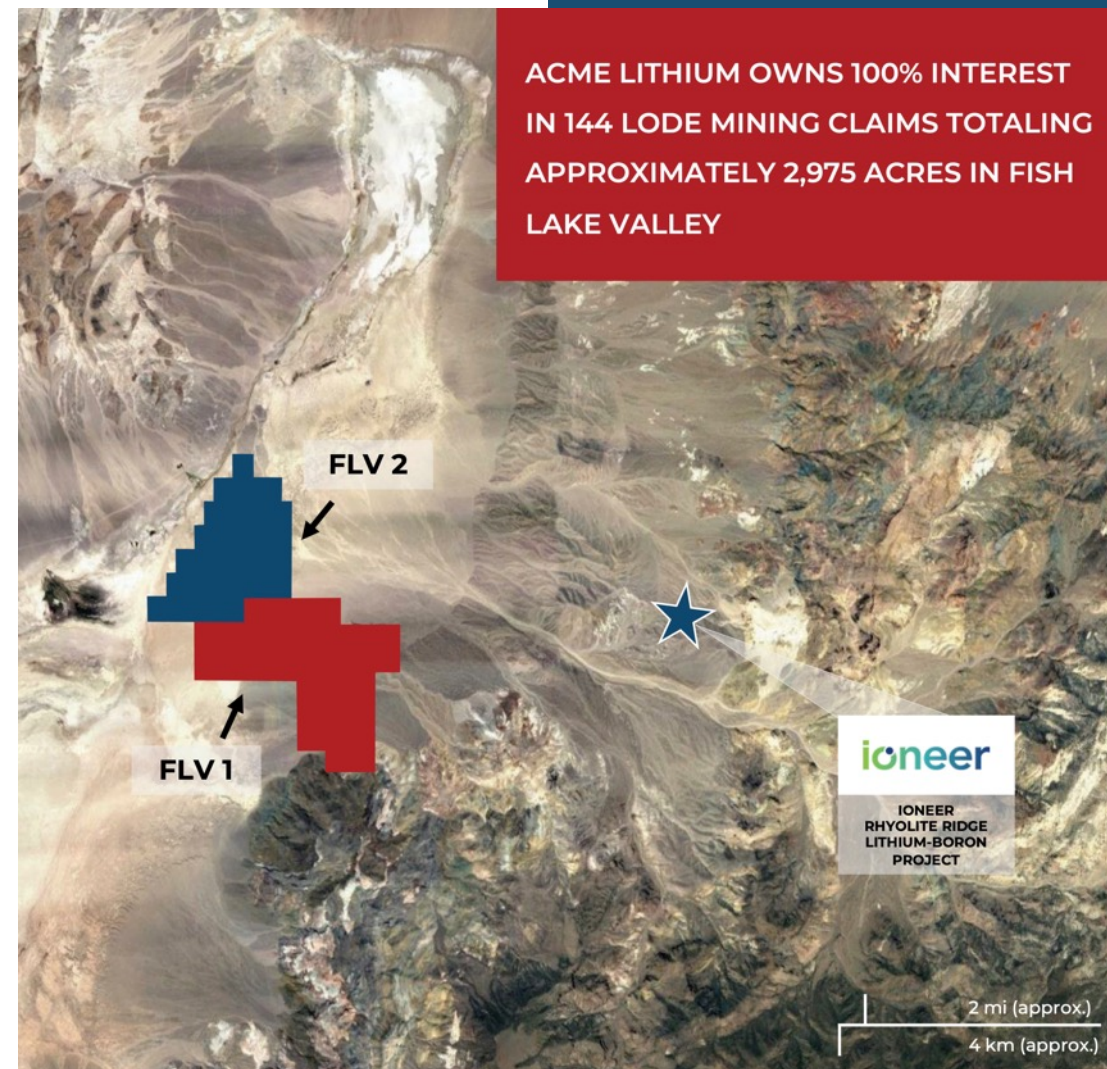
Which can potentially be recovered under reasonable metallurgical conditions; anomalous lithium values based on property exploration since 2010 and fine sediments the same age as Clayton Valley occur on the property with some beds enriched in lithium

BILLION-DOLLAR PROJECT TO THE EAST

ioneer's Rhyolite Ridge Lithium-Boron Project neighbors the FLV project claims to the east:

- Ford Motor Co has entered an agreement with ioneer to supply lithium for EV battery production in the U.S.
- A binding battery joint venture was recently announced with Toyota Motor Corp and Panasonic Corp to buy lithium from ioneer for U.S. EV battery production

ACME LITHIUM OWNS 100% INTEREST
IN 144 LODE MINING CLAIMS TOTALING
APPROXIMATELY 2,975 ACRES IN FISH
LAKE VALLEY



FIELD REVIEW AND SAMPLING AT FISH LAKE VALLEY

PHASE 2 FIELD WORK COMMENCED IN AUGUST 2022:

- Phase 1 field review and sampling was completed in October 2021 with encouraging results reported: surface lithium values up to 410 ppm indicate a mineral process was active during deposition of the underlying sediments
- Phase 2 geological field work will further develop ACME's knowledge of lithium occurrences on the property
- Follow up sub sampling and mapping is intended to better understand the geological model
- Field work focus is on traverses along a major drainage area where higher lithium values occurred
- Further analysis will assist with drill hole targeting and access routes for potential drill sites

MANITOBA PROJECTS

The Bird River Greenstone Belt in southeastern Manitoba, Canada: A global area of focus and opportunity for emerging and developing lithium projects.

PROJECT HIGHLIGHTS

- ACME Lithium owns 100% interest in 21 claims totaling 8,883 acres in the Shatford Lake pegmatite field and 6 claims totaling 2,930 acres in the Cat-Euclid Lake shear zone
- Region hosts hundreds of individual pegmatite bodies, many of which are classified as complex rare-element Lithium-Cesium-Tantalum (LCT) pegmatites
- LCT pegmatites account for a quarter of the world's lithium production
- The projects neighbor Tanco Mine, purchased by Sinomine Corporation in 2019
- Pegmatite ore body was discovered in the late 1920s and Tanco Mine has been mining there since 1929

MANITOBA



TANCO MINE

WINNIPEG

ACME
Lithium Inc

CAT-EUCLID LAKE

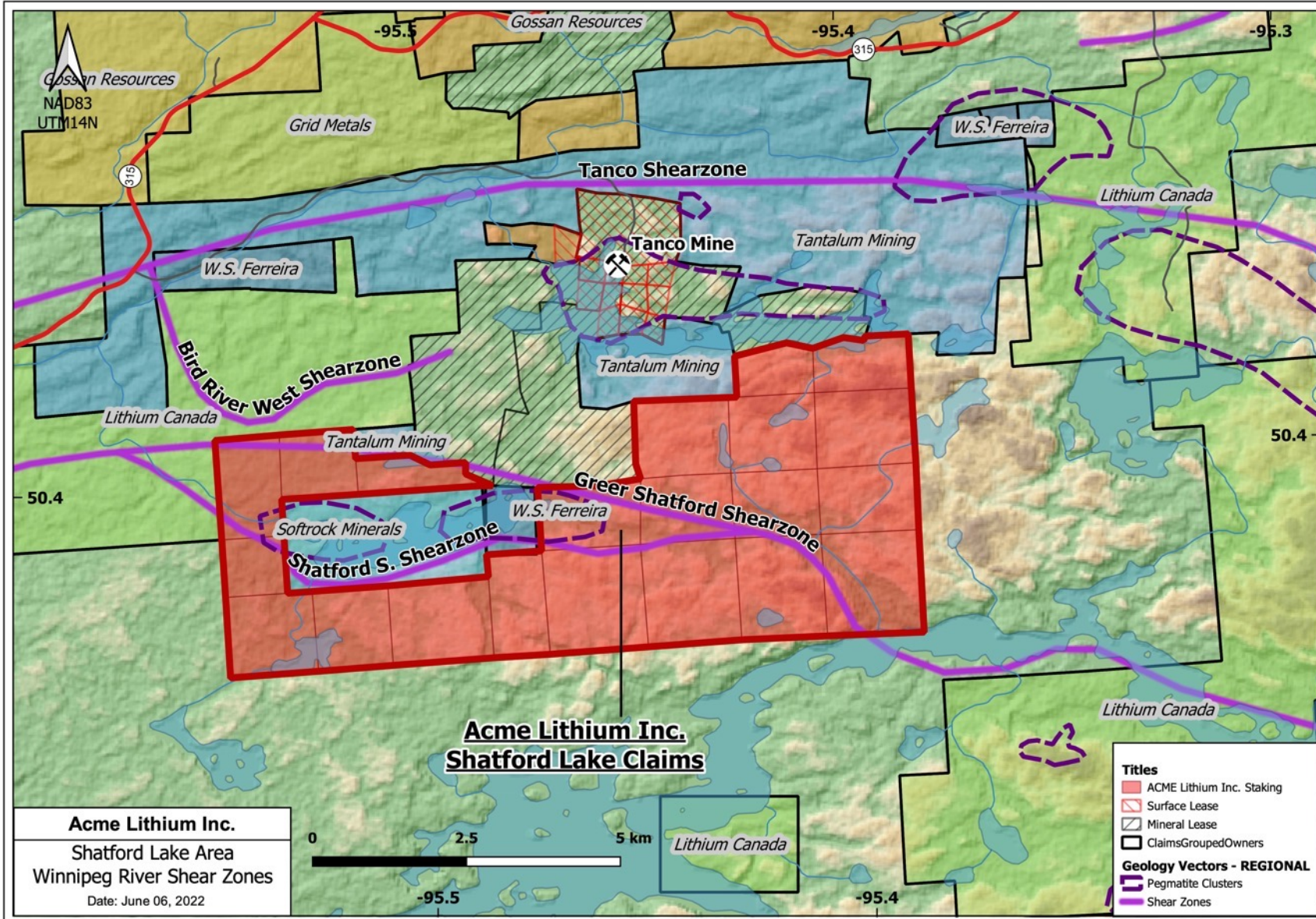
SHATFORD LAKE

ACME
Lithium Inc



SHATFORD LAKE PROJECT OVERVIEW

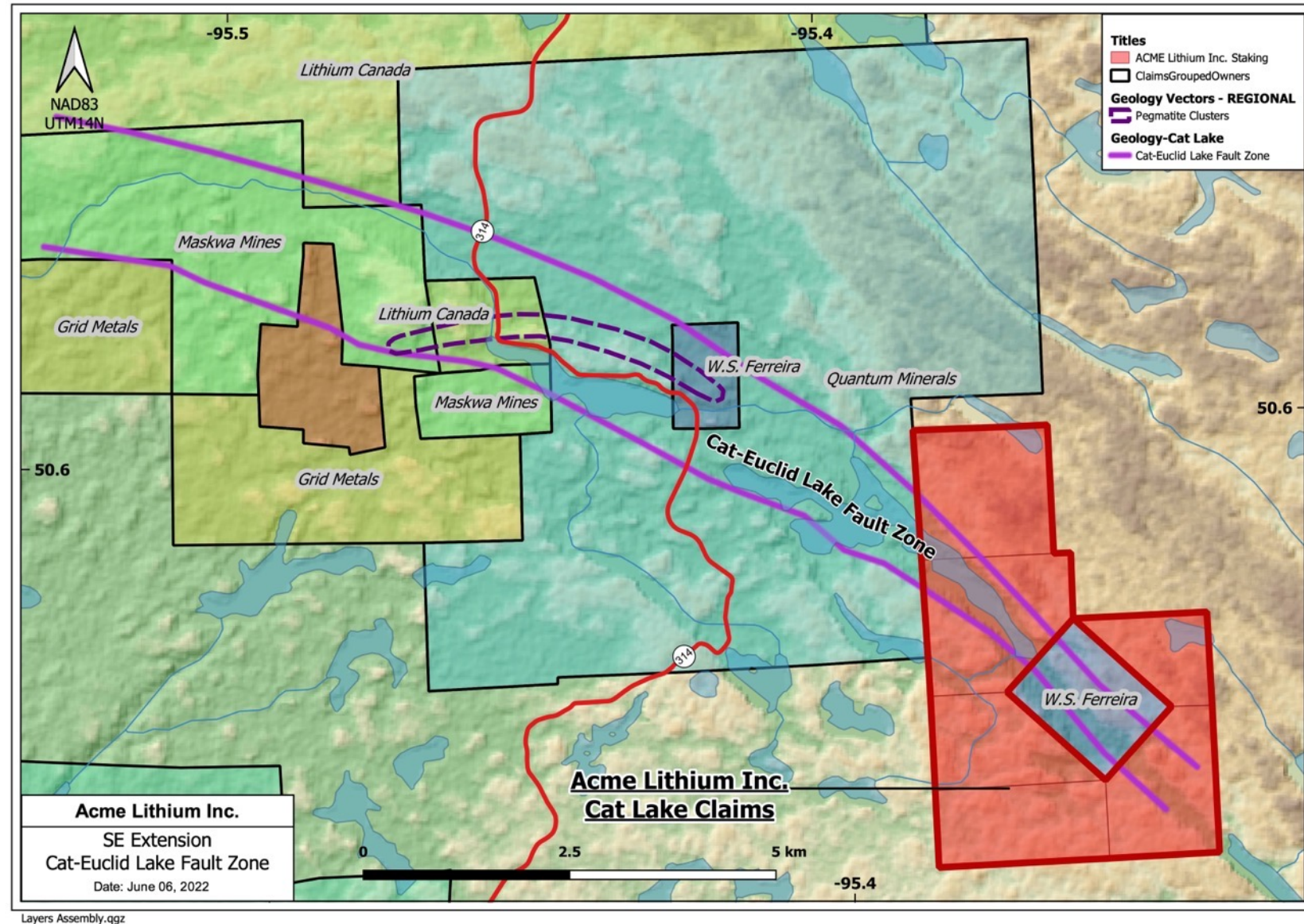
- 21 claims totaling approximately 8,883 acres in the southern limb of the Bird River Greenstone Belt
- The claims straddle a 15-kilometer structural trend of the Greer-Shatford Shear Zone, with numerous pegmatite dykes and favorable host rocks
- Tanco Mine borders the northeast corner of the claims
- Close to the South shore of Bernic Lake with Buck, Pelgi, and Dibs pegmatites



Layers Assembly.qgz

CAT-EUCLID LAKE PROJECT OVERVIEW

- 6 claims totaling approximately 2,930 acres in the northern limb of the Bird River Greenstone Belt
- The claims straddle the prospective Cat-Euclid Lake shear zone and extend along southeasterly trend of known pegmatite occurrences
- World leading lithium producer Australia's Mineral Resources Limited (MRL, with market capitalization of over AUD\$8 billion) found west of the project





EXPLORATION PROGRAM & NEXT STEPS IN MANITOBA

SUMMER EXPLORATION PROGRAM COMMENCED IN JULY 2022:

- Exploration strategy is focused on spodumene-bearing LCT pegmatites that can be a source for lithium carbonate deposits
- Program includes remote sensing, structural geology, ground-based geological mapping, and geochemical sampling to localize targets for drilling
- Extensive soil, rock, and till sampling is being conducted at both Cat-Euclid and Shatford Lakes with a focus on areas with abundant outcrop in favorable structural areas
- Structural mapping will be done on outcrops within the favorable structural domains to identify joint sets favored to host pegmatite bodies
- Airborne geophysical survey is being conducted by Dias Airborne with state-of-the-art QMAGT system that uses sensors to measure the magnetic field and interpret geology
- Drilling is planned for Fall-Winter 2022-2023 based on findings from the summer exploration program

MANAGEMENT TEAM & BOARD

STEPHEN HANSON

DIRECTOR, PRESIDENT AND CEO

Over 28 years of finance and corporate development experience across four continents, has held executive (CEO), board and advisor positions for numerous private and public companies in mining, alternative energy, oil and gas sectors. He has been involved in a number of successful M&A transactions including exit strategies with major corporations.

VIVIAN KATSURIS

DIRECTOR

A specialist in corporate development, management, consulting, and corporate services. Has over 28 years of financial experience in the brokerage industry, the North American capital markets and public financings; holds director and officer positions with several CSE and TSXV listed companies.

ZARA KANJI

CHIEF FINANCIAL OFFICER, CORPORATE SECRETARY

Experienced in financial reporting compliance for junior listed companies, taxation, general accounting, financial reporting and value added advisory services for individuals, private and public companies. A member of the Chartered Professional Accountants of BC and Canada.

YANNIS TSITOS

DIRECTOR

Originally a physicist-geophysicist with nearly 30 years of experience in the mining industry, including 19 years with BHP Billiton group, one of the biggest mining companies in the world. Currently the President of Goldsource Mines Inc., a TSXV listed company and sits on several boards as an independent director.

WILLIAM FEYERABEND

VP EXPLORATION

A Certified Professional Geologist and a member of the American Institute of Professional Geologists with direct working experience in the exploration and development of lithium projects, including technical reports in Nevada. Has worked on projects in American West, Mexico and South America.

ADVISORY BOARD

PAUL MCGUIGAN, P. GEO.

TECHNICAL ADVISOR

A Professional Geoscientist registered with the Association of Engineers and Geoscientists of the Province of British Columbia with 47 years of international experience in mineral exploration, deposit evaluation, mine operations, and corporate governance. Developed mineral separation techniques now commonly employed in mineral exploration, diamond exploration, and heavy mineral sands sampling.

First employed by Resource Associates of Alaska, Pechiney Ugine Kuhlmann, and Esso Minerals Canada, where he operated in Canada and the United States. Has managed the Cambria group of consulting companies in North and South America, Europe, Africa, the Middle East, and the Southwest Pacific for the last 36 years; has served as a member of the Consulting Practice and the Geoscience Committees of the Engineers and Geoscientists of BC.

MATT BANTA, PH

TECHNICAL ADVISOR

Over 20 years of technical and professional experience in groundwater and surface water resource inventories, water development projects, and water resource management. Has managed and completed numerous groundwater and surface water resource investigations and inventories, hydraulic testing programs, aquifer testing programs and groundwater characterization studies throughout the world and western United States with focus on lithium brine, open pit, and underground mining projects.

Has extensive professional expertise in stakeholder engagement, environmental and natural resource studies, permitting, regulatory compliance, groundwater and surface water monitoring plans, and drilling program planning and management in the United States, Canada, South America, Russia, and Mexico.

INVESTMENT HIGHLIGHTS

MULTIBILLION DOLLAR OPPORTUNITY

in the growing battery and electric vehicle (EV) sectors

EPICENTER OF LITHIUM EXPLORATION & DEVELOPMENT

with multiple North American projects focused on known regions for development

GEOLOGICAL TARGETS READY TO DRILL TEST

in extensive lithium acreage with proximity to industry leaders

EXPERIENCED MANAGEMENT TEAM

who have built and financed resource companies around the world

CAPITALIZED TO ACQUIRE ACCRETIVE PROJECTS

in the lithium sector and growing EV space

FINANCING FOR THE FUTURE

well funded with approximately \$12M in working capital which includes strategic investor Lithium Royalty Corporation and Waratah Capital Advisors Ltd.

CAPITAL OVERVIEW

CSE	ACME
US OTCQB	ACLHF
SHARES ISSUED AND OUTSTANDING	51,091,667

LEGAL

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