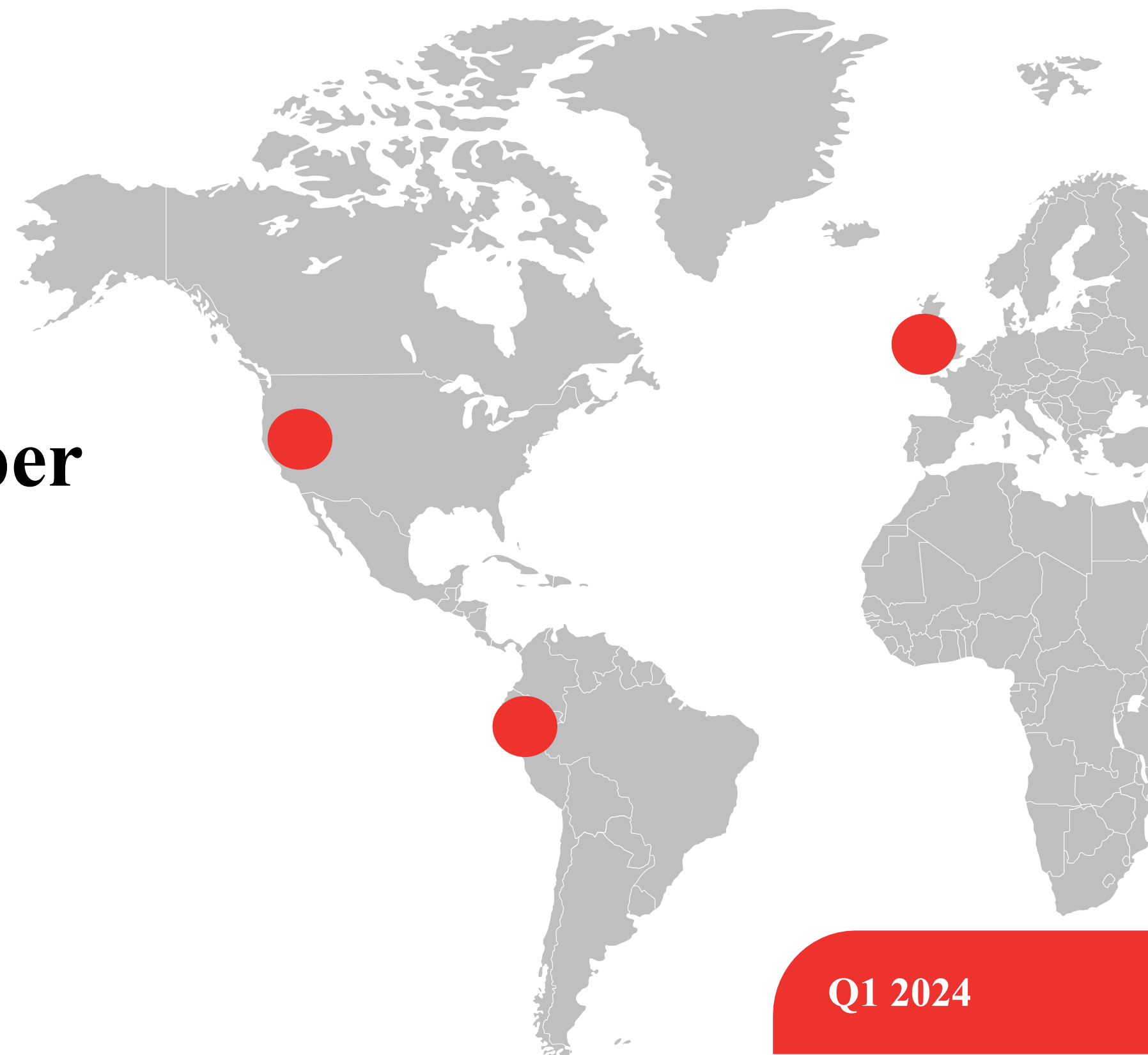


GLOBAL BATTERY METALS

**Strategic Exploration of Lithium, Copper
and Battery Metal Projects Across the
Americas and Europe**



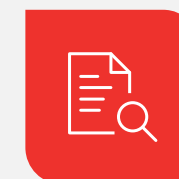
TSX.V: GBML | OTCQB: REZZF | FSE: REZ

Q1 2024

FORWARD-LOOKING STATEMENTS

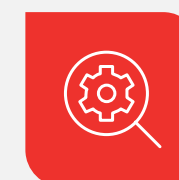
Forward-Looking Information

This presentation contains certain “forward-looking information” or “forward-looking statements” within the meaning of applicable Canadian and United States securities legislation. All statements, other than statements of historical fact, included herein, without limitation, statements relating to the future operations and activities of the Company, are forward-looking statements. Forward-looking statements are frequently, but not always, identified by words such as “expects”, “anticipates”, “believes”, “intends”, “estimates”, “potential”, “possible”, and similar expressions, or statements that events, conditions, or results “will”, “may”, “could”, or “should” occur or be achieved. Forward-looking statements in this news release relate to, among other things, exploration plans for the Company’s various projects. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Forward-looking statements reflect the beliefs, opinions, and projections on the date the statements are made and are based upon a number of assumptions and estimates that, while considered reasonable by the Company, 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 statements and the parties have made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation, the ability to complete exploration work, the results of exploration, continued availability of capital, and changes in general economic, market and business conditions, and the receipt of any required governmental approvals for continued exploration. Readers should not place undue reliance on the forward-looking statements and information contained in this presentation concerning these items. Readers are urged to refer to the Company's reports for a more complete discussion of such risk factors and their potential effects, publicly available at SEDAR+, the Canadian Securities Administrators' national system that all market participants use for filings and disclosure, at www.sedarplus.ca. The Company does not assume any obligation to update the forward-looking statements of beliefs, opinions, projections, or other factors, should they change, except as required by applicable securities laws. The forward-looking information contained in this presentation is expressly qualified by this cautionary statement.



Certain Other Information

Certain information in this presentation was obtained from third party sources, including public sources, and there can be no assurance as to the accuracy or completeness of such information. Although believed to be reliable, management of the Company has not independently verified any of the data from third party sources unless otherwise stated.



Technical Information

All other scientific and technical information in this presentation has been reviewed and approved by Vaughan Williams M.Sc. Eur. Geo, P.Geo, who is a qualified person under National Instrument 43-101 and who is not independent of the Company as he is a Director of a related party (LRH Resources Limited the JV partner to the project).



All information contained in this presentation is subject to the more detailed and complete information contained in the Company’s continuous disclosure documents available at www.sedar.com.

INVESTMENT THESIS

Lithium and copper demand is outpacing supply and growing at a faster rate. Governments and industry stakeholders across the EU and US are looking for district-scale projects. As the demand gap continues to widen, GBML will capitalize on clean energy transition opportunities with its growth-oriented portfolio of battery metals projects.



Focused on Tier 1 Jurisdictions

GBML has secured prospective properties within Tier 1 jurisdictions of the US, Ireland and Peru – each done prior to critical mineral demand surges and all with potential to help strategic market partners strengthen supply chain independence, security, quality and cost control.



Prospective Portfolio

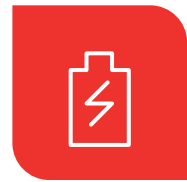
Low entry-cost projects with high performance potential. Each property is unique and all check stringent requirements that hold promise for excellent economics. All are contained within mining-friendly regions and have historical work completed. GBML continues to evaluate new opportunities.



Experienced Leadership Team

Proven track record for delivering value creation. The team has built micro-caps into billion-dollar companies, with executive-level mining experience spanning exploration, development and production, and subject matter expertise across geology, financing and engineering.

CURRENT PORTFOLIO



Lithium

1. Leinster Lithium Project (County Wicklow, Ireland)

- Lithium-bearing pegmatite project, drilling a confirmed Lithium-Cesium-Tantalum pegmatite dike swarm Ireland's East Carlow Deformation Zone
- Inaugural drilling at Knockeen confirms grades up to 2.57% Li₂O
- 24 intervals of lithium bearing spodumene pegmatites intercepted across initial nine holes drilled
- 22 prospecting license areas covering approximately 775 km²
- Adjacent to the Blackstairs Lithium Project (297km² joint Ganfeng Lithium / International Lithium Corporation venture)
- 2.55% Li₂O trenching chip sample taken at a depth of just two metres (2m)
- Surface assay results ranging up to 3.75 % Li₂O / 17,000 ppm

2. Lithium King (Utah, United States)

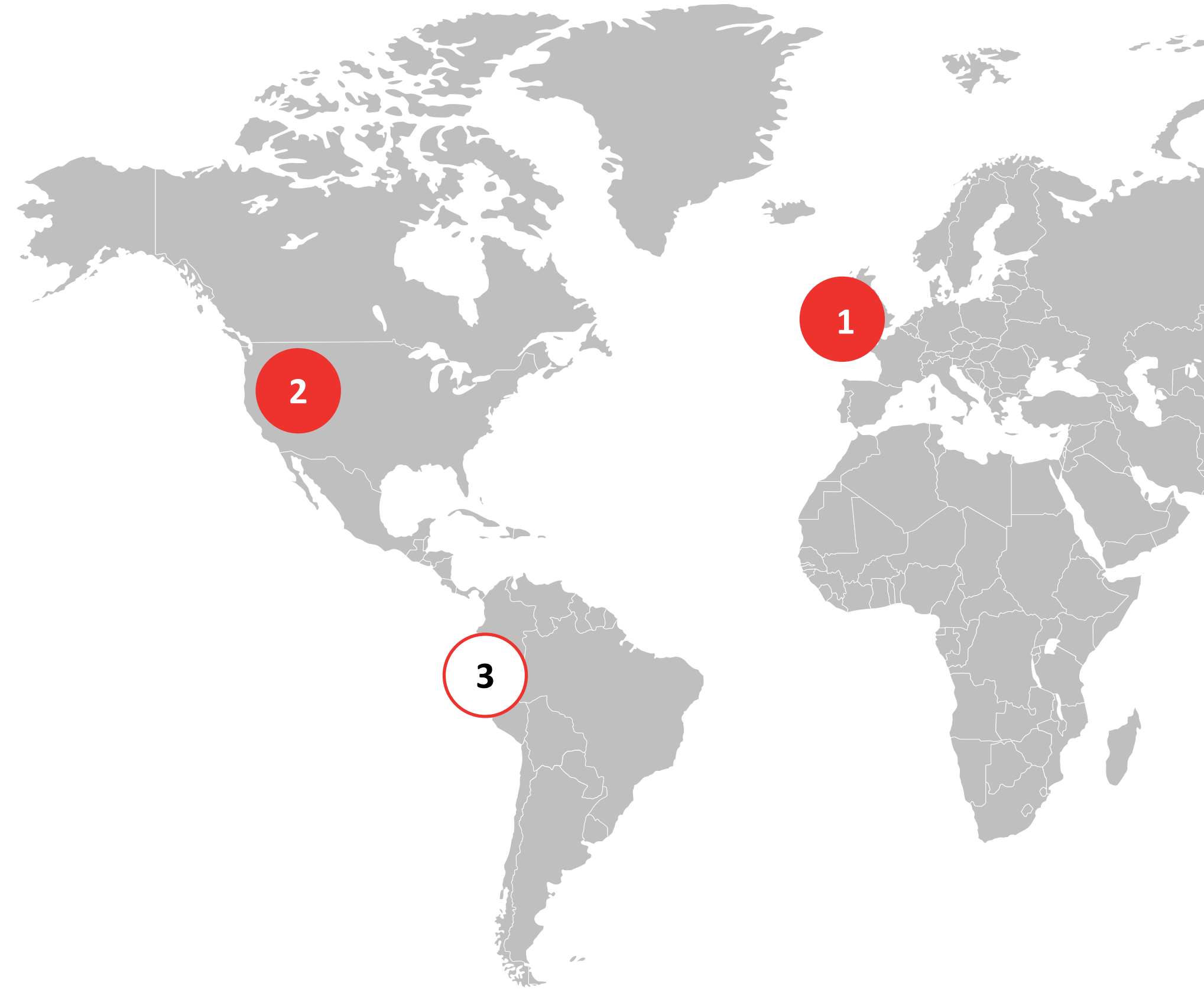
- Drill-ready, potential lithium-bearing brine aquifer within Pilot Valley, west margin of Bonneville Salt Flats
- USGS shallow drill results up to 1,200 ppm Li
- Neighboring Intrepid Potash announced measuring lithium concentrations at over 1,500 ppm in its final byproduct brine
- Drill permits in place, drilling soon anticipated



Monetizing

3. Lara Copper Asset (Peru) 55% Owned

- GBML has optioned the Lara Asset to Minsur, through Minas Dixon, GBML's 55% owned Peruvian subsidiary
- 0.75% NSR (Net Smelter Royalty) retained, along with 55% of \$5.75M in payments with the first two already made
- Option partners are planning a material work program this year to help advance environmental study approval efforts, in line with GBML's third option payment milestone



GBML is a critical mineral exploration and development company focused on delivering growth-oriented lithium, copper and other battery metal projects in strategic regions around the world.

LEINSTER LITHIUM

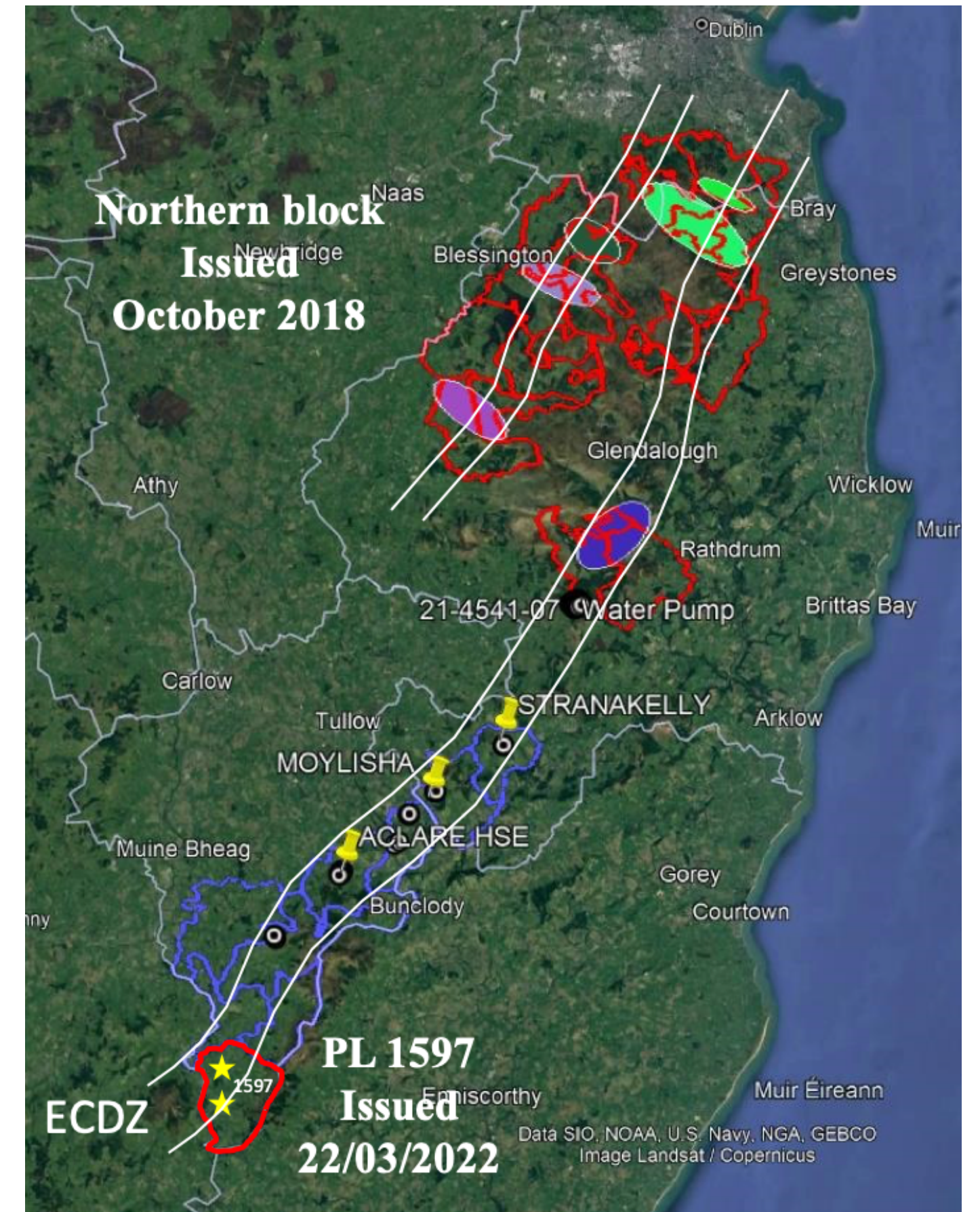
Lithium Pegmatite Project Drilling in Ireland

Property	Lithium bearing pegmatite project
Location	County Wicklow, Ireland - adjacent to Blackstairs Lithium (Ganfeng / ILC joint venture)
Land Package	22 prospecting licenses – 775 km ² – focus on Knockeen pegmatite dike swarm
Infrastructure	Geopolitically friendly, with nearby town, power and water

Inaugural drilling at Knockeen confirms grades up to 2.57% Li₂O and 24 intervals of lithium bearing spodumene pegmatites intercepted across initial nine holes drilled. 22 prospecting licenses covering approximately 775km² in total, with new licenses extending Knockeen discovery area in-line with SW trending dike swarm.

Key Historical Surface Assay Results

- 2019:** 1.0% Li₂O in spodumene bearing pegmatite at Tonygarrow
- 2019:** 1.78% Li₂O in spodumene bearing pegmatite at Aghavannagh
- 2022:** 2.95% Li₂O in spodumene bearing pegmatite at Knockeen (July)
- 2022:** 3.75% Li₂O in spodumene bearing pegmatite at Knockeen (December)
- 2023:** 2.55% Li₂O 2m depth trenching chip sample at Knockeen (December)
- 2023:** 3.00% Li₂O 2m depth trench boulder sample at Knockeen (December)



LEINSTER LITHIUM

Project Highlights

- Initial drilling confirms Lithium-Cesium-Tantalum (LCT) pegmatite dike swarm; records 24 intervals of near-surface lithium intersects across initial nine holes with grades up to 2.57% Li₂O
- Project covering 22 prospecting license areas, ~ 775 km², south of Dublin
- Situated along strike to nearby Blackstairs Lithium's Avalonia Project (297 km² joint venture between Ganfeng Lithium and International Lithium Corp.).
- Surface values up to 3.75% Li₂O / 17,410 ppm Li, lithium mineralization confirmed across all surface areas explored to date
- Commencement of 'district scale' expanded exploration and prospecting activity across Northern Block licenses at key primary target areas
- Massive opportunity to supply domestic lithium to Europe, recognized sustainability and critical raw materials policy expert engaged for Social License program development

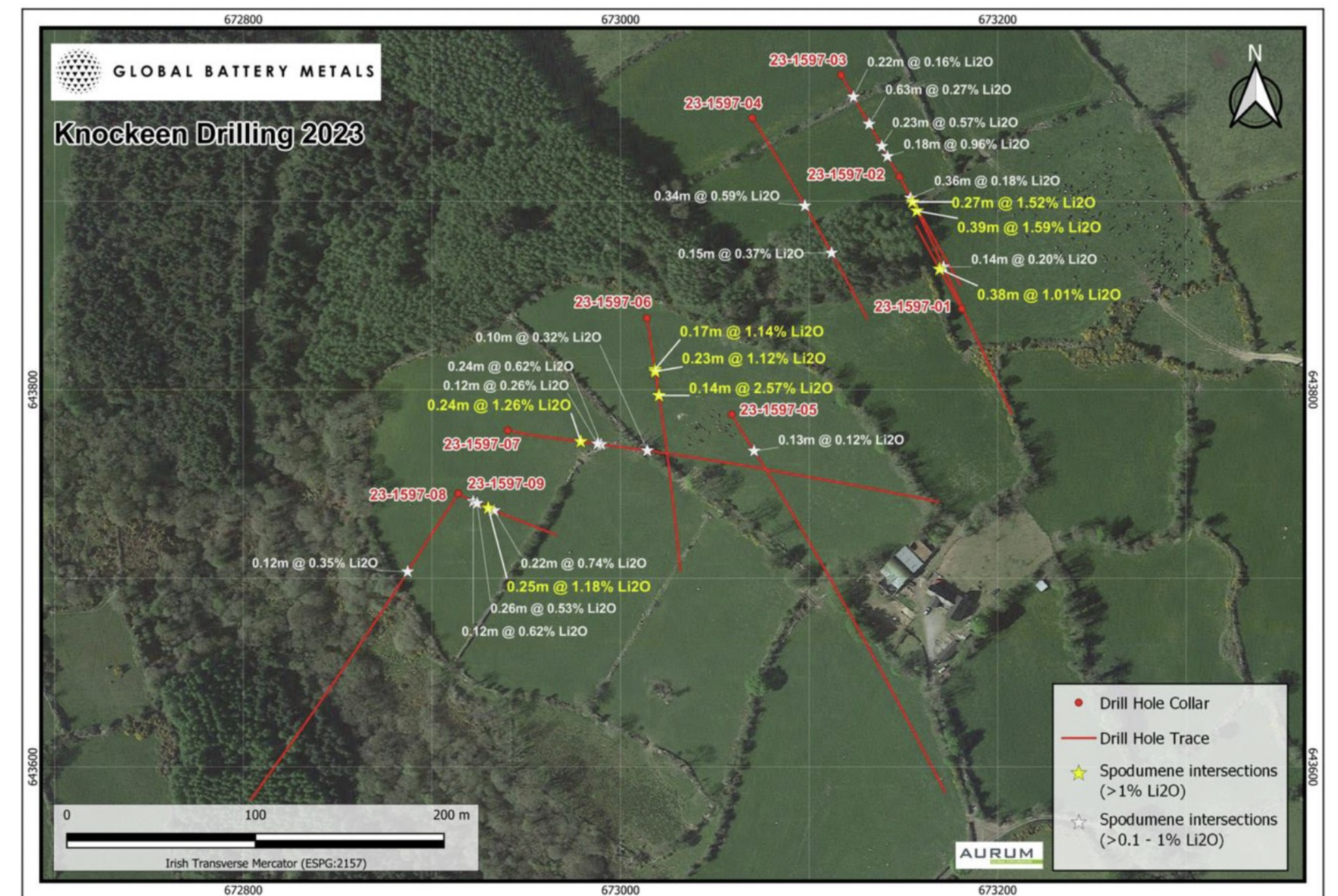


Close up of drill core from Hole 23-1597-01

LEINSTER LITHIUM

Knockeen Drill Program

- Initial drill holes 1-9 completed for 2022m, confirms swarm of pegmatite dikes reveal a significant new LCT pegmatite system
- 24 intervals of lithium bearing spodumene pegmatites intersected, ranging in width between 0.10m up to 0.63m (true width) with the highest values grading up to 2.57% Li₂O
- All nine holes intersected lithium bearing LCT Pegmatites and values grading over 1% Li₂O were recorded in five of the nine holes drilled with a sixth hole just shy of the 1% mark
- Project area situated within the same tectonic zone and along strike to Blackstairs Lithium (Ganfeng / ILC joint venture) Avalonia Project
- Option secured to acquire strategic licenses adjacent to current drilling, more than quadrupling key southern block land holdings
- Current data suggests the LCT pegmatite field identified at the Blackstairs extends to the southwest, on new acquisition grounds
- Successive holes are being planned



Knockeen Drilling 2023 drill collar locations

LEINSTER LITHIUM

Knockeen Drilling Highlights, November 2023

- All nine holes successfully intersected lithium bearing Lithium LCT Pegmatites.
- Grades as high as 2.57 % Li₂O



Spodumene pegmatite in drill core DDH 23-1597-01
(PEG-01 [part of]; 34.59-34.94. Sample AES65107 reporting intercept apparent thickness of 0.36m \ True thickness 0.05m @ 2.95% Li₂O)

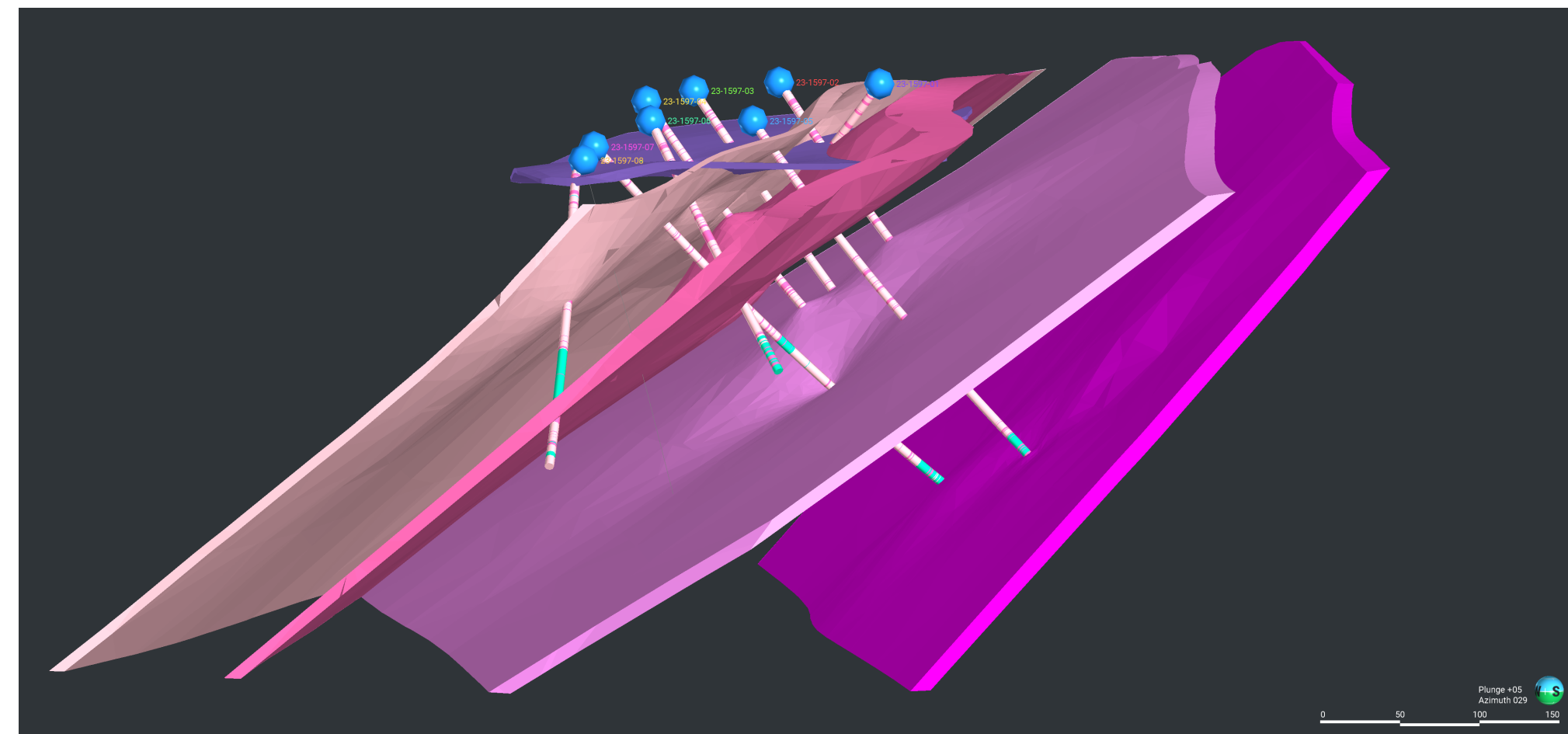
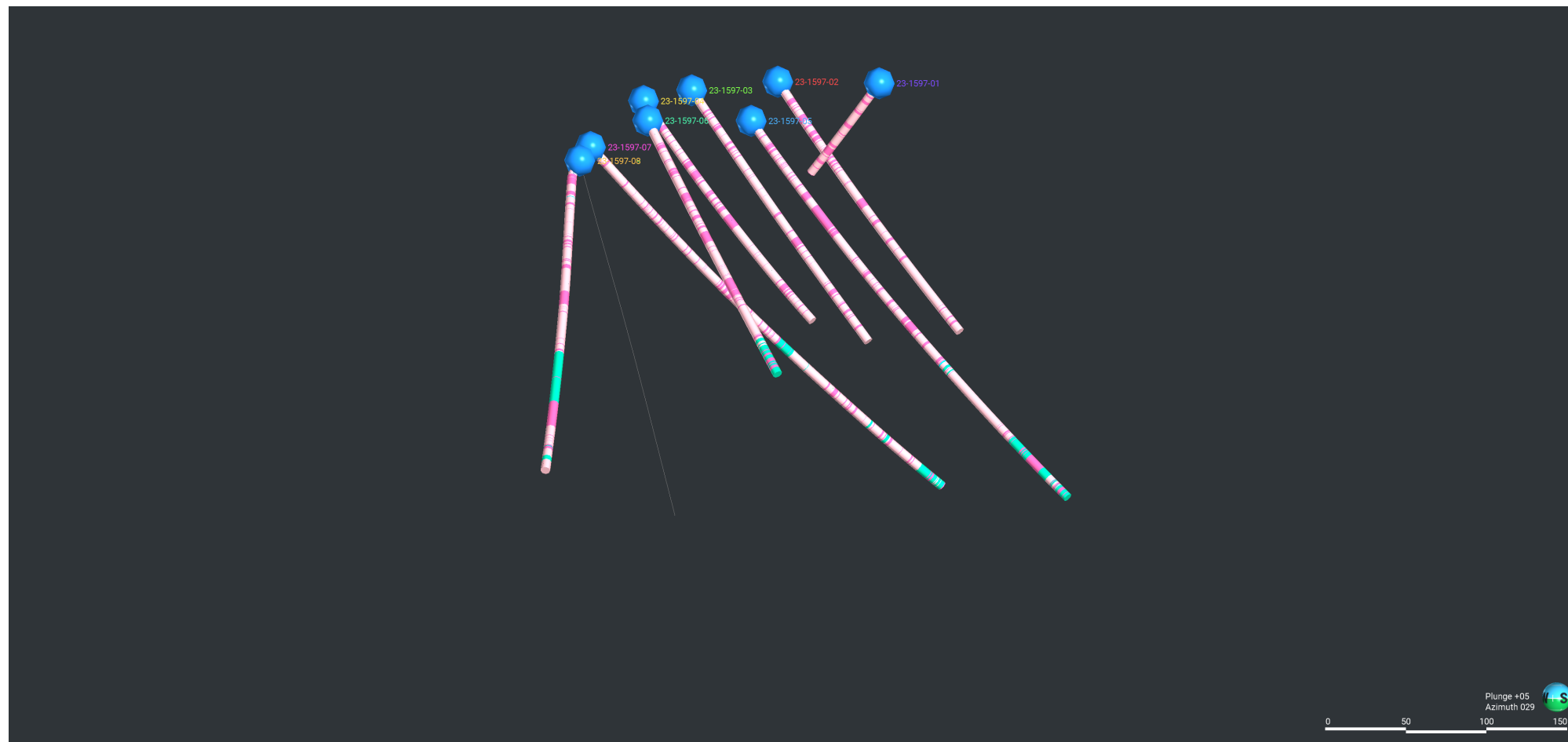


Spodumene pegmatite in drill core DDH 23-1597-02
(PEG-04; 31.46-31.85. Sample AES65136 reporting 0.39m @ 1.59% Li₂O)

LEINSTER LITHIUM

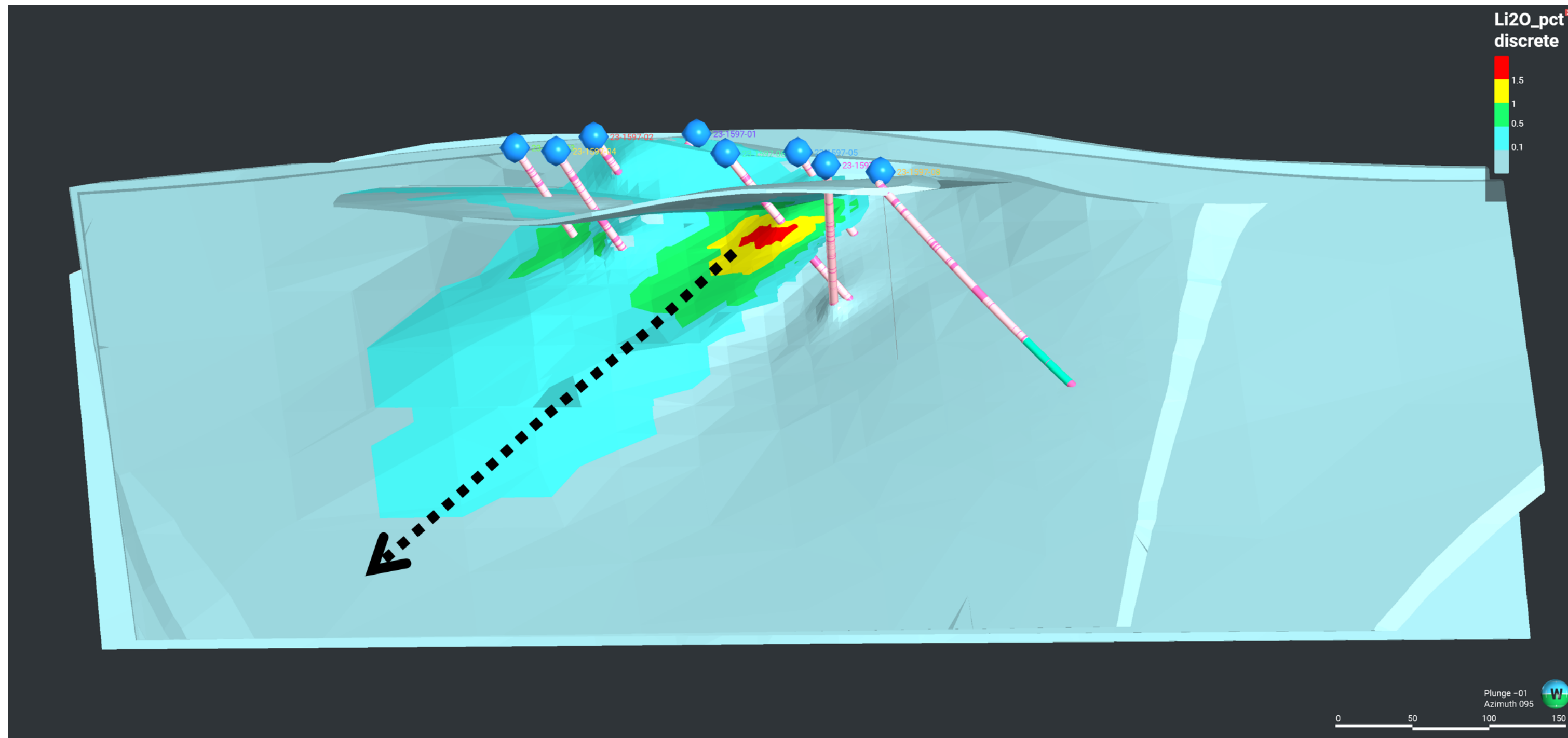
Knockeen 3D Modelling of Pegmatite Dykes

- 5 dykes have been identified as part of the drilling campaign successfully traced along the 9 drill holes
- Area of Lithium concentration has been identified and waiting further drill



LEINSTER LITHIUM

Knockeen 3D Modelling of Pegmatite Dykes

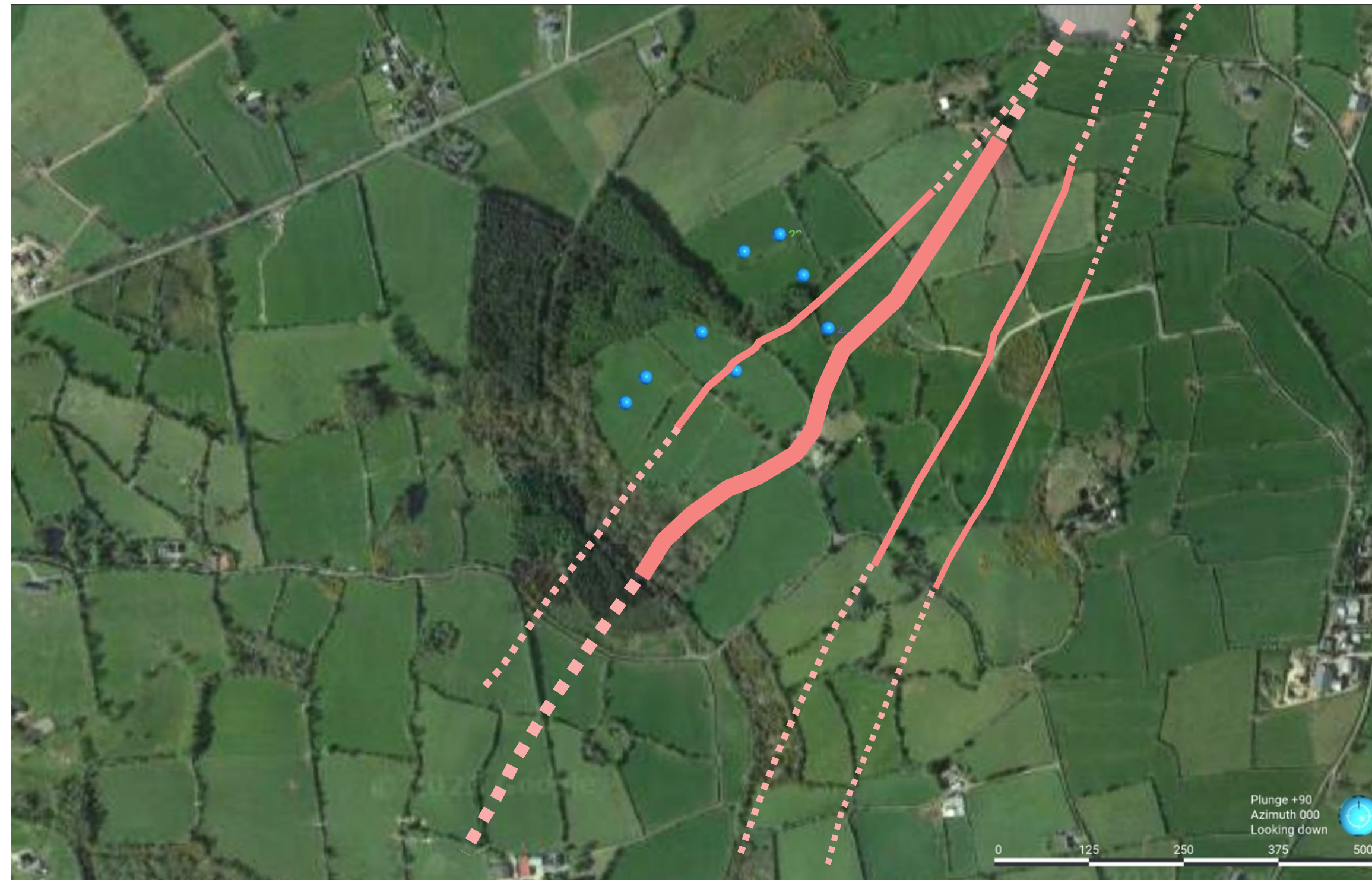


Geological and grade zonation are open at depth and along strike

1

LEINSTER LITHIUM

Knockeen 3D Modelling of Pegmatite Dykes



Geological and grade zonation are open at depth and along strike

LEINSTER LITHIUM

Catalysts

Completed 2022

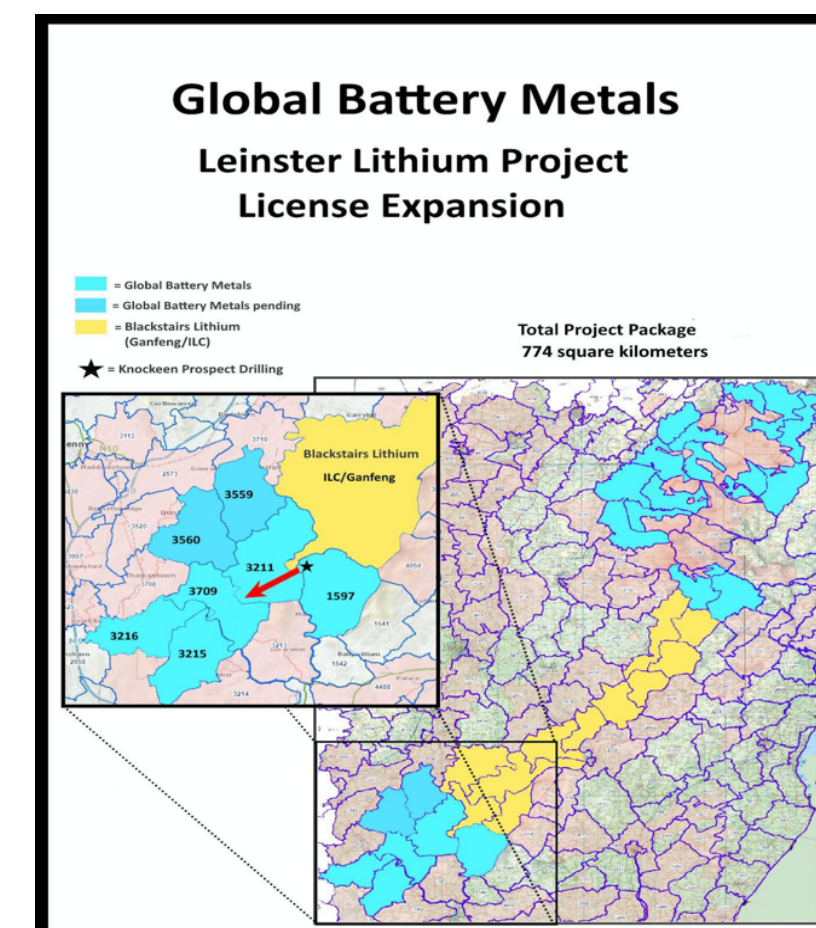
- ✓ Target prospecting at Knockeen & Carriglead completed. 66 total surface samples analyzed, assay results show that 47 returned grades above 1% Li₂O - with grades as high as 3.75% and 3.63% Li₂O (source: ALS Laboratories - Loughrea, Ireland).
- ✓ Knockeen: out of a total of 56 samples, 41 samples graded above 1% Li₂O, of which 20 graded above 2% Li₂O and of which two graded above 3% Li₂O (Sample AES 63003 (3.63% Li₂O) and Sample AES 63033 (3.75% Li₂O)).
- ✓ Carriglead: out of a total of 10 samples, six samples graded above 1% Li₂O, of which one sample analyzed above 2% Li₂O (Sample AES63504 (2.09% Li₂O)).

Completed 2023

- ✓ First round exploration drilling at Knockeen recorded 24 intervals of near-surface lithium intersects across nine holes. Grading up to 2.57% Li₂O.
- ✓ Lithium pegmatite trenching results at Knockeen show 2.55% Li₂O chip sample taken at a depth of just two metres (2m)
- ✓ Significantly expands land position with new option agreement to acquire six new contiguous licenses covering an additional 249 km², more than quadrupling its southern license land position.

In Progress 2024

- **Commencement of 'district scale' expanded exploration. Several target areas have been identified and a new series of prospecting activity is being planned.**



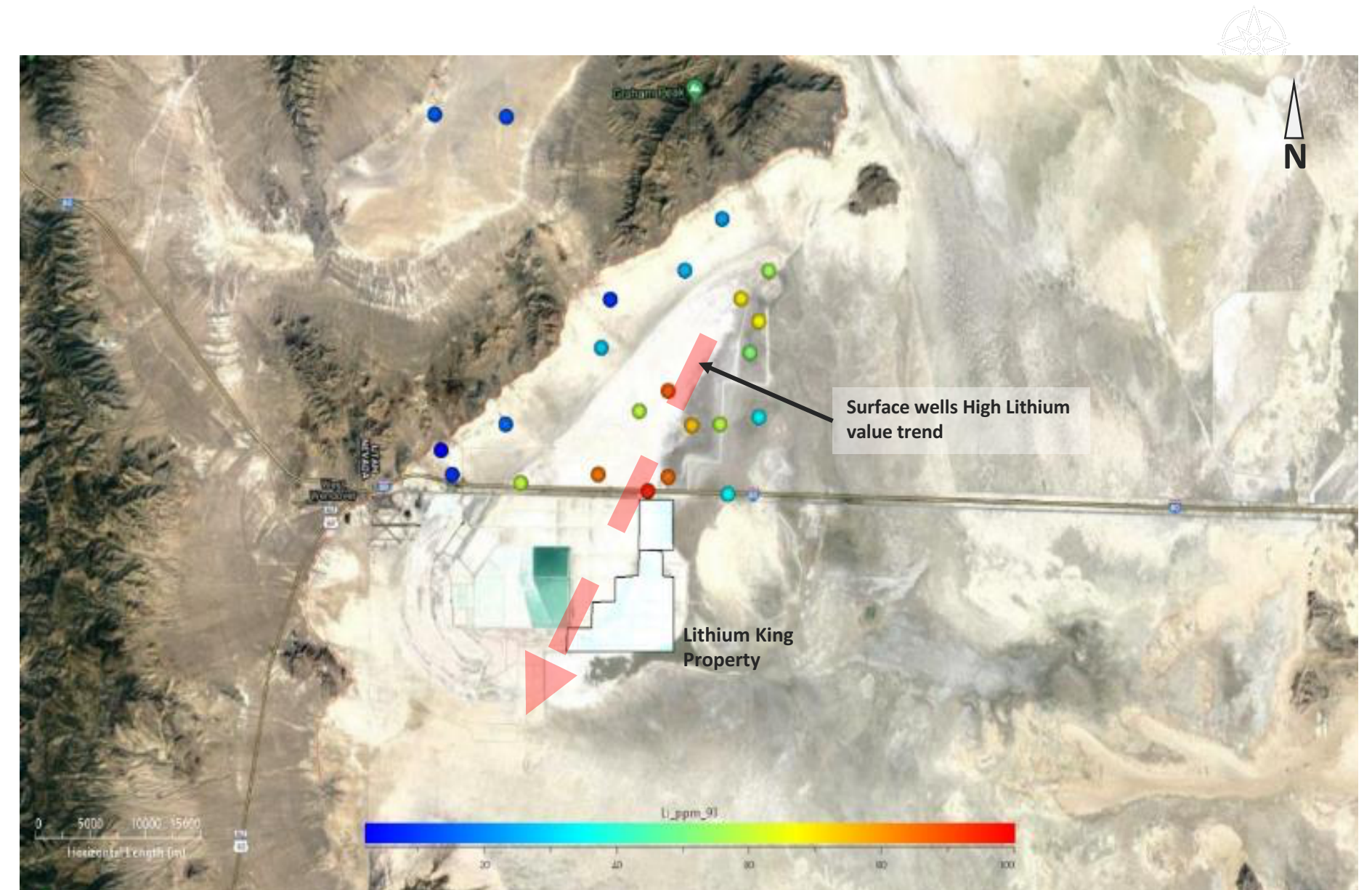
LITHIUM KING

Drill-Ready Lithium Brine Project in Utah

Property	Pre-resource lithium bearing brine aquifer project
Location	Pilot Valley on the west margin of Bonneville Salt Flats, Utah ~170km West of Salt Lake City
Land Package	1,760 acres of placer claims
Infrastructure	Area population of ~4,000, with infrastructure to support mining operations. GBML's neighbor is a producing potash mine

Historical surface water sampling from shallow drill holes (0-25 feet) by the USGS between 1972 and 1993 identified anomalous lithium values up to **1,200ppm***

The Project is situated directly adjacent to Intrepid Potash, which recently announced (December 2023) measuring lithium concentrations at over 1,500 parts per million in its final by-product brine.



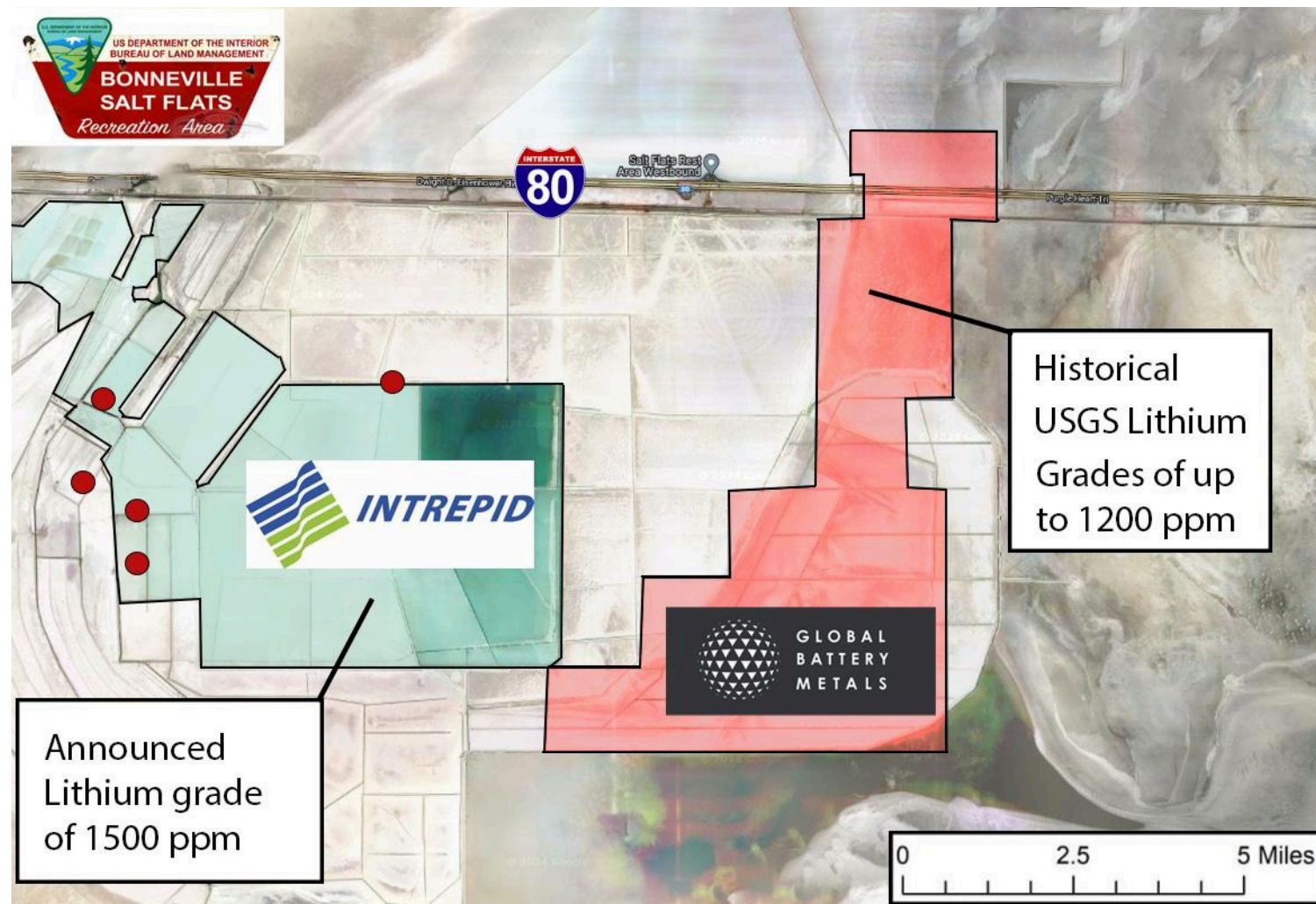
Property is at the south end of a trend of high Li in water wells. Lithium is believed to move with fluids along basement-bounding faults forming a graben structure. Paleozoic basement is 700-1,200 m depth

*Surface water samples may not reflect the basin brine's composition and drilling with brines sampling is needed to confirm the presence of lithium in basin brines.

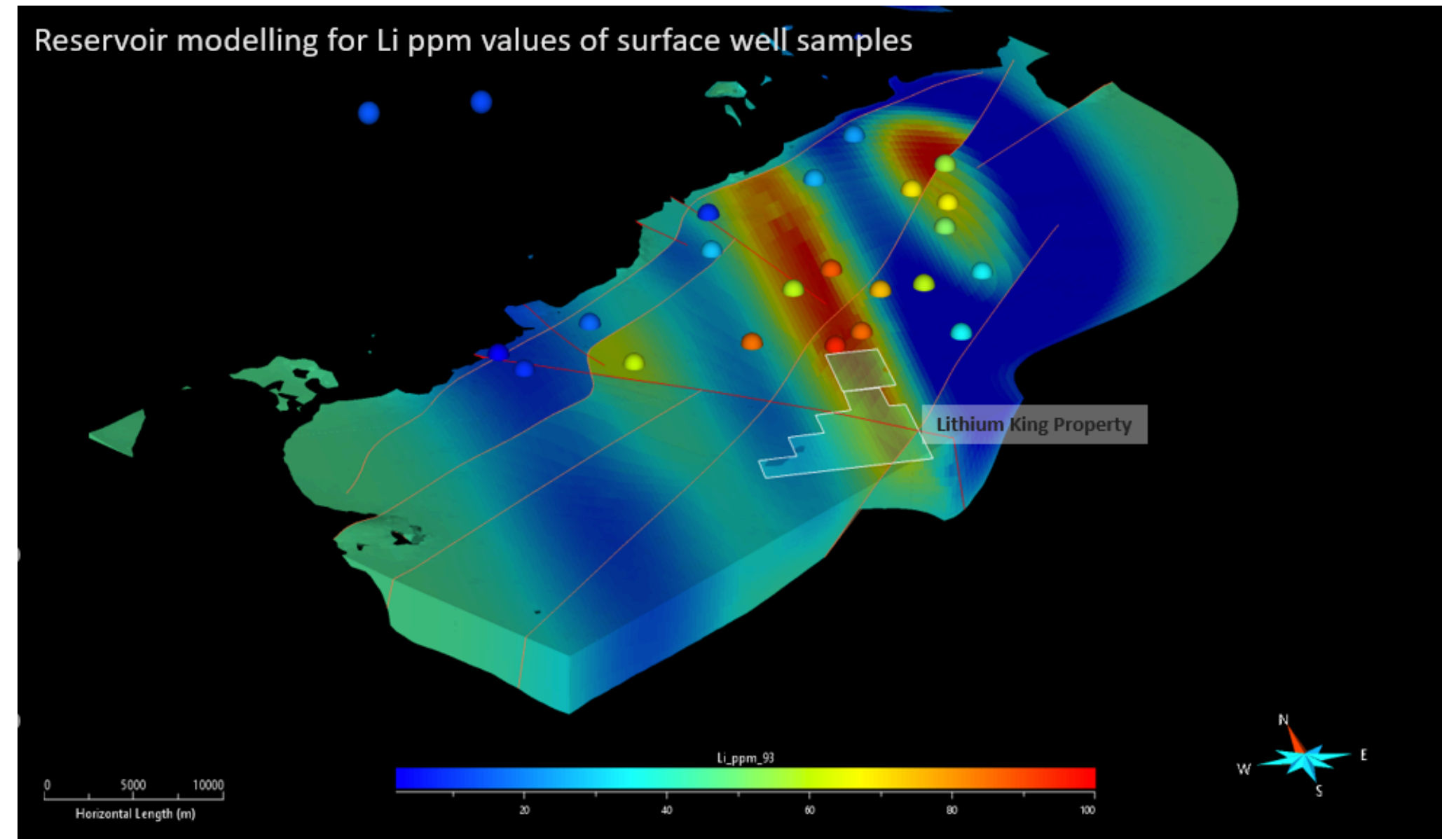
LITHIUM KING

Drill Site Development Underway

Alloy Drilling LLC of Elko, Nevada, and Escalante Geological Services LLC of Salt Lake City, Utah, now engaged to assist with drill hole planning.



Situated directly adjacent to Intrepid Potash, which recently announced measuring lithium concentrations at over 1,500 parts per million in its final by-product brine.



The interpretation of the key horizon was used to generate a reservoir model in which the surface water sample values for Li ppm were extrapolated. The position of the project area in regards of the higher surface water Li values shows the potential for Lithium enriched brines at reasonable depths of 200-500m. Further testing and validation required.

LARA COPPER ASSET


Through Minas Dixon, GBML's 55 percent-owned Peruvian subsidiary, GBML has granted Minsur the option to acquire the property. A material work program is planned for this year to help advance environmental study approval efforts, in line with the third option payment milestone.

In addition to these payments, GBML holds a 0.75% Net Smelting Royalty on the property.

Minsur operates a \$1.3 billion mine approximately 20 km away from Lara—an 1800 hectare property.

Lara Drill highlights:

 108 meters at 0.9%
CuEq*

 218 meters at 0.81%
CuEq*

*Copper equivalents represent (Cu-Eq%) the value for each metal multiplied by the conversion factor, summed and expressed in equivalent copper grades. These results are exploration results only and no allowance is made for metallurgical recoveries. The conversion factors used were: CuEq (%) was calculated using US\$2.80 per pound of copper and US\$16 per pound of molybdenum. $CuEq = copper\ \% + (Mo\% \times 5.71428571)$

TERMS

Milestone/Date	Option Payments (\$US)
Upon Registration of the Agreement before Public Notary	59,000 (PAID)
One year from Registration of the Agreement	200,000 (PAID)
Approval of Environmental Study and Start of Work ("DIA-IA")	200,000
One year from approval of the DIA- IA	300,000
Approval of Semi-Detailed Environmental Study ("EIA-SD")	500,000
One year from approval of the EIA-SD	1,500,000
Upon transfer of Title	3,000,000

*The numbers are on a 100% basis

EXPLORATION STATUS

	Lithium King	Leinster	Lara
Phase 1: Acquire Claims	✓	✓	✓
Phase 2: Mapping and Sampling	✓	✓	✓
Phase 3: Prospecting, Magnetics & Geochemistry	✓	Knockeen ✓ Other Claims Ongoing	✓
Phase 4: Drill Targets & Drill Planning	✓	Knockeen ✓ Other Claims Ongoing	✓
Phase 5: Drilling	In Planning	Knockeen ✓	✓
Phase 6: In-fill Drilling			✓
Phase 7: Discovery			✓

CAPITAL STRUCTURE

(as of January 1, 2024 unless otherwise stated)



Market Capitalization

Market Cap
C\$5.5M

52 Week Range
C\$0.065 - C\$0.28



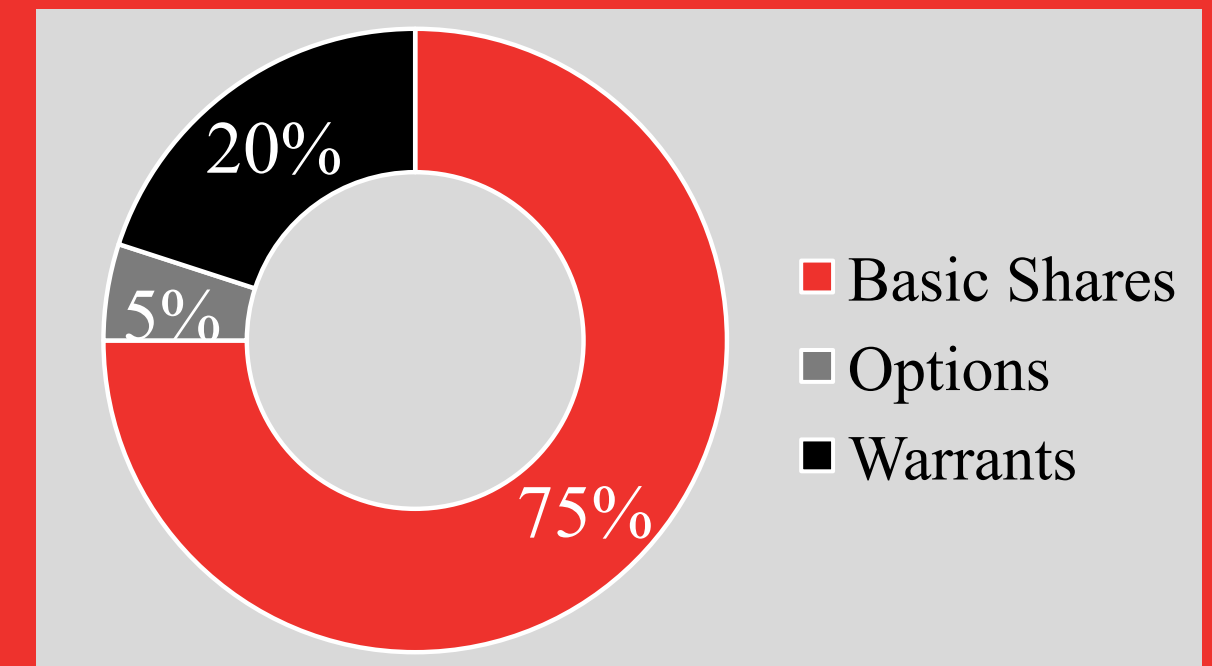
Share Structure

Basic Shares Outstanding
78M

Options Outstanding
5.2M

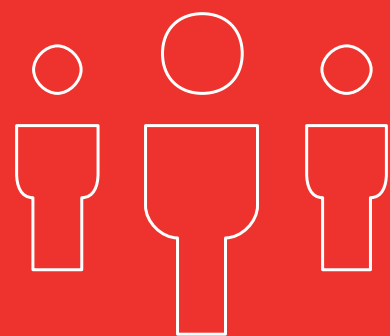
Warrants Outstanding
20.5M

Fully Diluted Shares Outstanding
103.7M



Insiders, Management and Strategic Investors ~ 45%

TEAM



Michael Murphy, BA, MBA, MSc., ICD
President, CEO, Director

Entrepreneurial mining executive, experienced company builder, proven capital markets track record. Founder of Torex Gold, where he participated in the raising of over one billion dollars of debt and equity. Prior international executive stints with Merrill Lynch, DLJ and Credit Suisse in London.

Alan F. Matthews, C.Eng.
Director

Executive mining engineer, technically-proficient company founder and director. Over 45 years of international mining and exploration experience. Former Director of International Minerals Corporation, and was the Founder and President of Kernow Resources & Development Ltd.

Craig Roberts, P.Eng.
Director

Established mining executive, capital markets advisory to boards and management teams. 30+ years of operations, consulting and investment banking experience, including work on multiple feasibility studies and due diligence roles in over 200 institutional equity financings.

Jean-Philippe Paiement, MSc, P.Geo.
Director

Professional geologist, pioneering the application of artificial intelligence to the geoscience sector. 15 years of wide-ranging experience in mineral system modelling merging traditional structural geology with machine learning and AI capabilities to accelerate new deposit identification.

Cameron Bell, MSc., P.Geo.
Director

Geologist and exploration manager with technical strength in identifying battery metal deposits in Tier 1 jurisdictions. 30 years of global management experience working with Vale including 10 years as head of project origination.

Rebecca Moriarty, CPA, CA, BSc. in Geology
CFO

Natural resources sector CFO. Offering clients, a unique combination of field knowledge and business accounting expertise developed during 11 years at PwC working exclusively with resource companies.



CONTACT



Michael Murphy

President & CEO



mm@gbml.ca

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