



Lithium Demand is on the Move... ...and so are we!!

A New Breed of Explorer Advancing Premier Lithium Assets in the United States

Highlighting our Arizona Portfolio

- Introducing the Whistlejacket Project (New JV with Rio Tinto)
- San Domingo Project (Midnight Owl, Morningstar, Dragon, some of the largest historically producing lithium mines in the United States)
- Basin Project 2.81 Mt LCE @ 900 ppm Li (Largest inferred resource in the State of Arizona)



January, 2026

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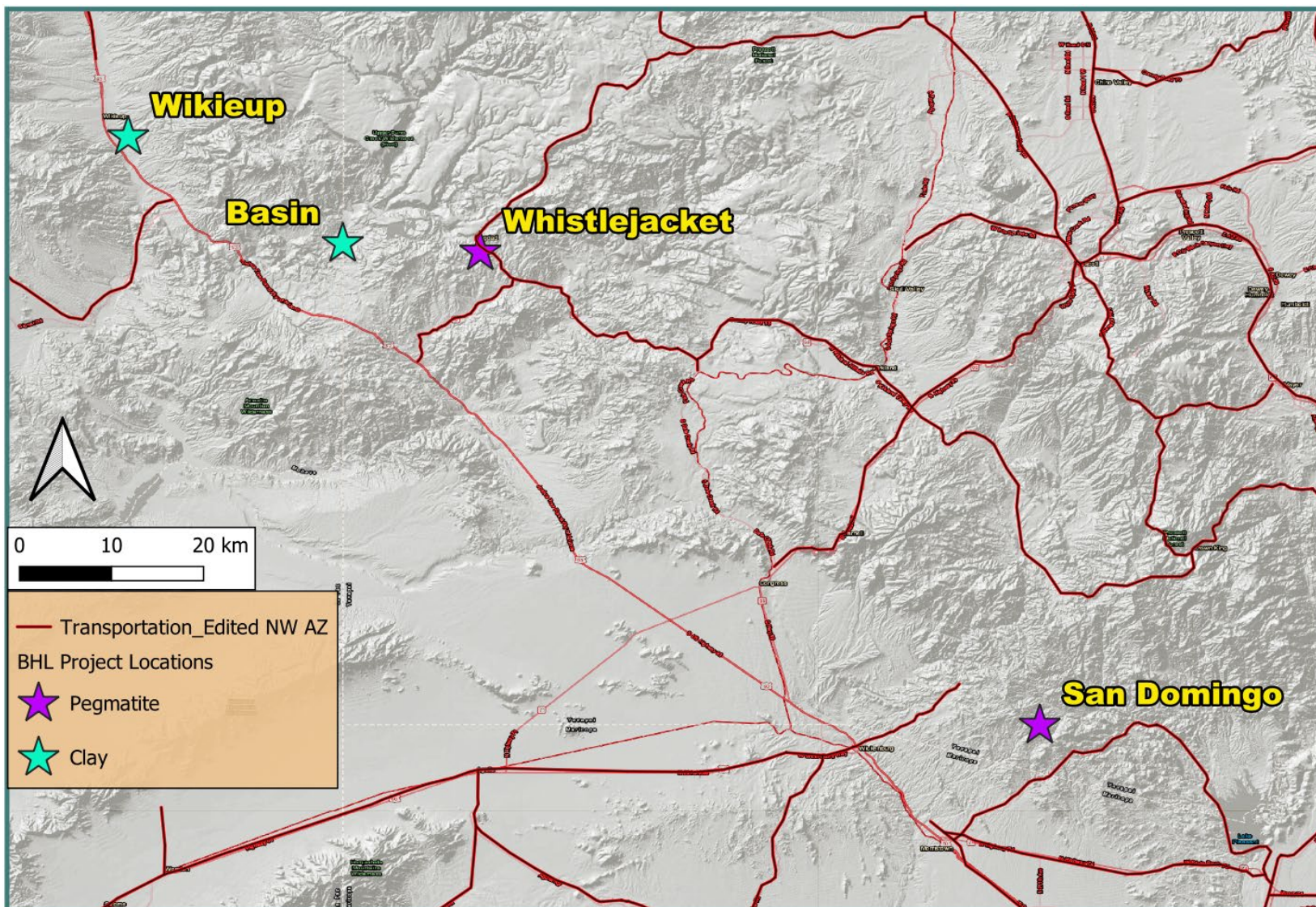
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Hard Rock Lithium in the USA



Whistlejacket represent a new Earn-in Option project with Kennecott Exploration Inc. – Part of the Rio Tinto Mining Group of companies (“KEX”), strengthening and expanding our Arizona Lithium portfolio.

Excellent infrastructure, close to paved Roads and Towns

Synergizes perfectly with existing hard rock spodumene San Domingo project, with a centralised operational hub

Established mining culture and supportive local government environment

Ease of permitting with BLM and State

“One small step for USA Lithium, one giant step for Bradda and their Investors”

Introduction to Whistlejacket Project – transaction

Transaction

- Definitive earn-in & JV with Kennecott Exploration Inc. to acquire up to 60% of the Whistlejacket hard-rock lithium project
- Bradda Head as operator

Why it matters

- Further consolidates BHL's Arizona lithium hub, complements San Domingo and Basin projects creating opportunities for shared infrastructure and development synergies
- Located on Arizona State Land with excellent access, infrastructure, and proximity to an operating major mine

Asset Quality

- 4,486 ha across 9 MEPs in Yavapai County, AZ
- 19 diamond drill holes (4,188 m) intersected spodumene in all holes.
- Highlights up to 41 m @ 1.22% Li₂O and 19.5 m @ 1.65% Li₂O

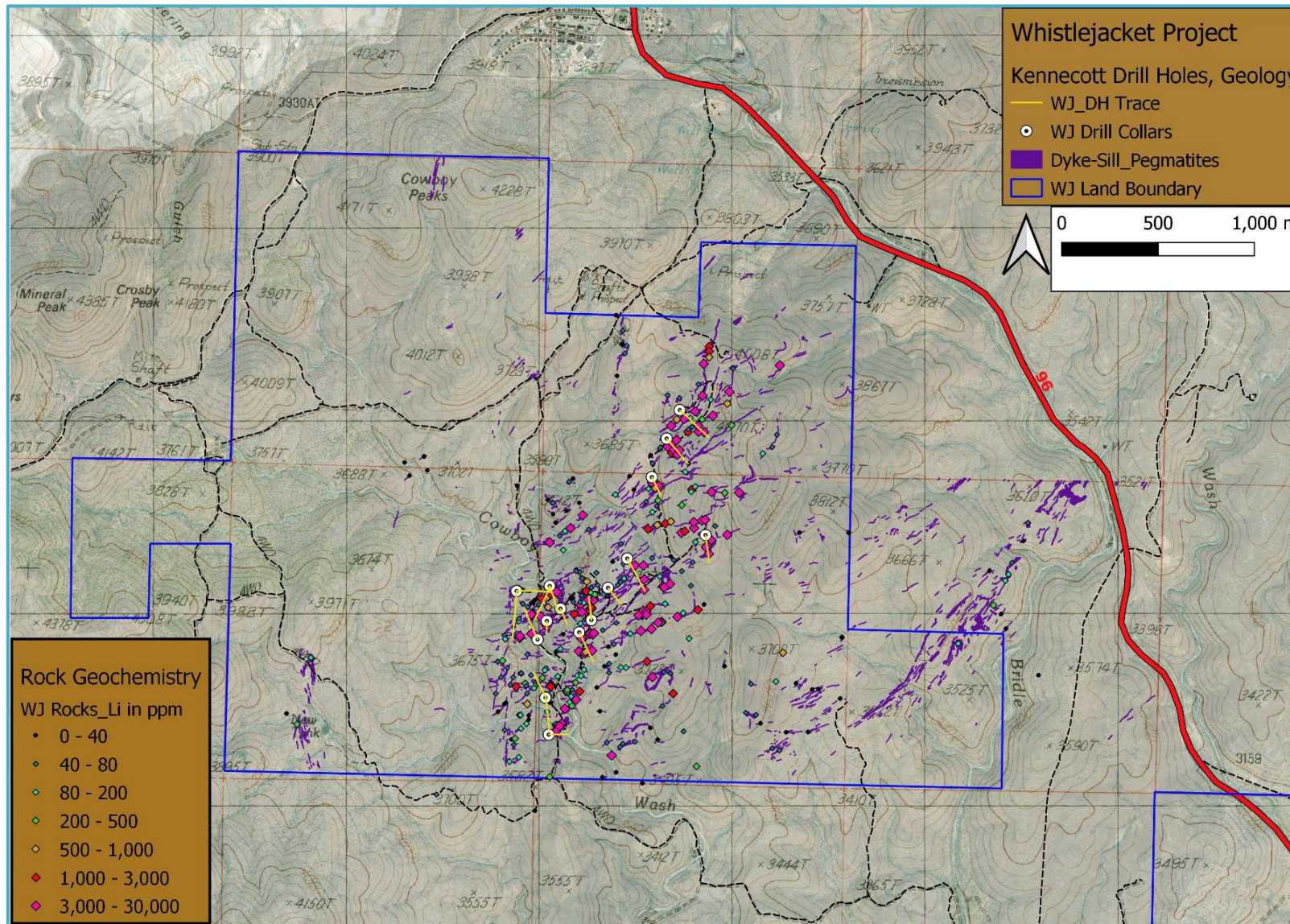
Earn-In Structure

- 51% for US\$ 5.5m over 3 years (US\$ 0.75m guaranteed Year 1).
- Option to increase to 60% with US\$ 12m over Years 4–6 (~US\$ 17m total)
- No upfront cash or equity to vendor

Investment Thesis

- **Tier-1** jurisdiction + **Tier-1** partner
- **High-grade** lithium indications with scale potential
- Clear pathway to aggressive drilling and value creation
- The transaction complements the **San Domingo** and **Basin** projects

Whistlejacket Pegmatite Swarm – Newly Discovered Spodumene-Bearing Pegmatites in Arizona with Impressive Upside Potential



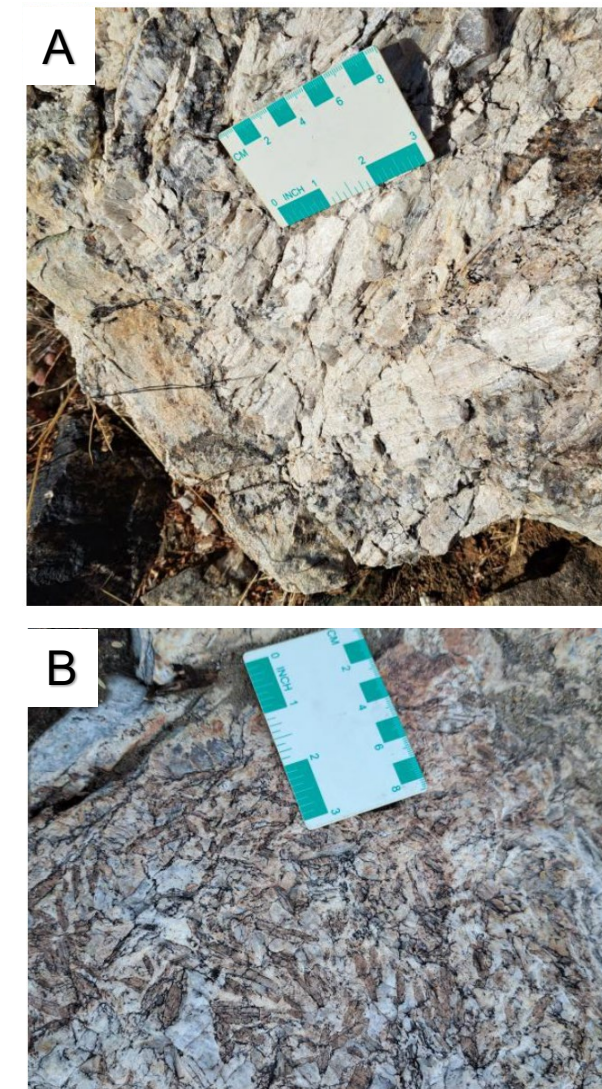
Whistlejacket is strategically located to support the advancement of a potential mining operation

Excellent infrastructure and secure access on Arizona State Lands

Permitting for additional drill holes is straight forward with State of Arizona, no Federal regulators

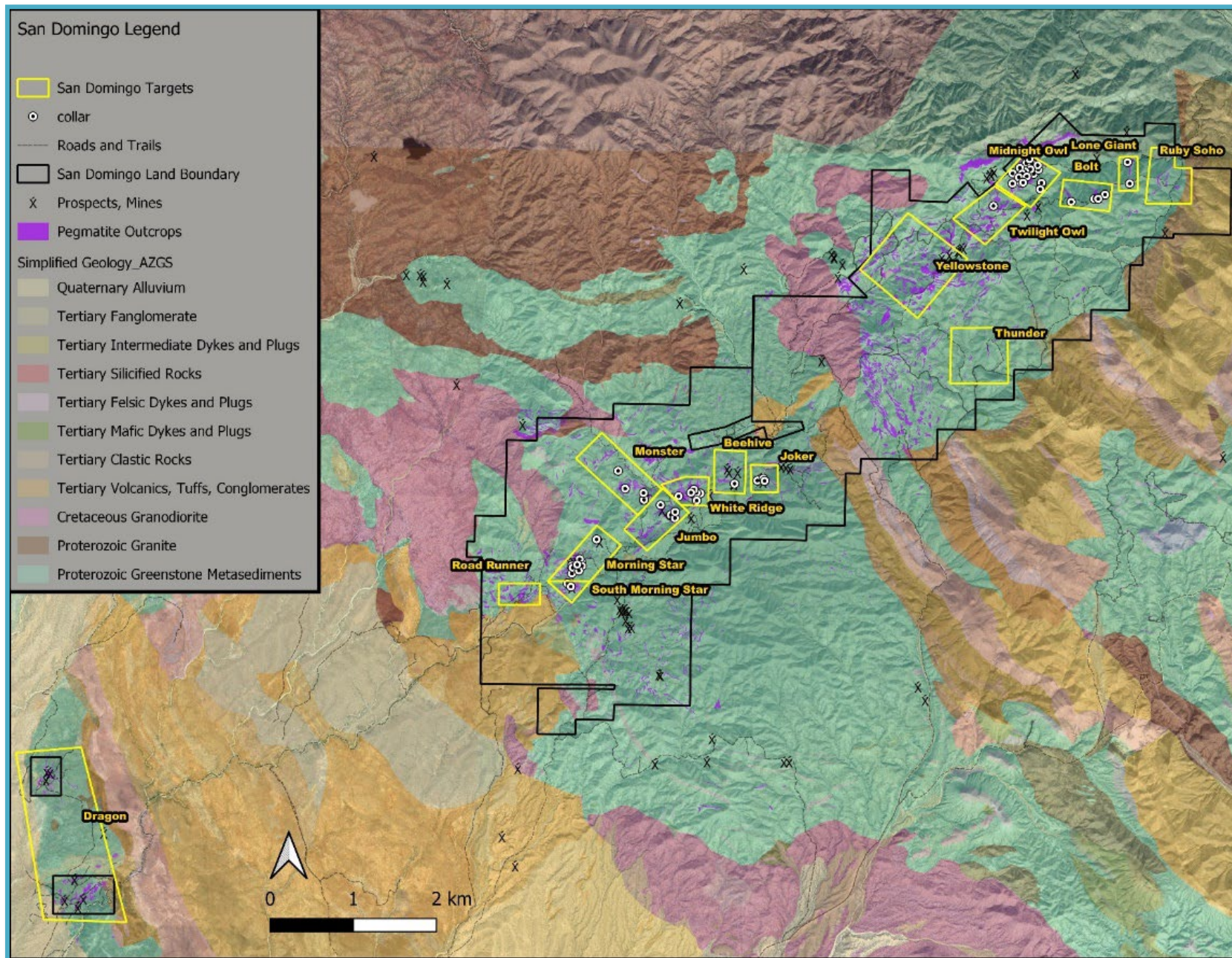
Whistlejacket Pegmatites – New Opportunity, Highly Impactful

- BHL has developed a robust, staged exploration programme designed to systematically advance the Whistlejacket project
- Initial work will focus on surface samples of spodumene-bearing pegmatites, including channel samples across areas that have not previously sampled
- This will be followed by Phase 1 drill programme, designed to offset KEX drill holes and test undrilled pegmatites
- JV at 60% BHL / 40% KEX if Phase 2 completed.
- Option to acquire KEX stake:
 - US\$ 7.5m (post-Phase 1)
 - US\$ 10m (post-Phase 2), at KEX discretion
- Standard dilution mechanics; fallback NSR structure below 10%.
- US\$ 1.5m convertible loan note from major shareholders/directors to bridge near-term commitments.
- Unsecured, AIM-compliant, aligned insider support ahead of larger equity raise.
- **A disciplined, cost-efficient operating approach focused on resource growth underpins BHL's exploration strategy**



Above: A: Coarse grained Spodumene. B: Weathered fine-medium grained spodumene

San Domingo Pegmatites



Tier 1 Jurisdiction in Arizona

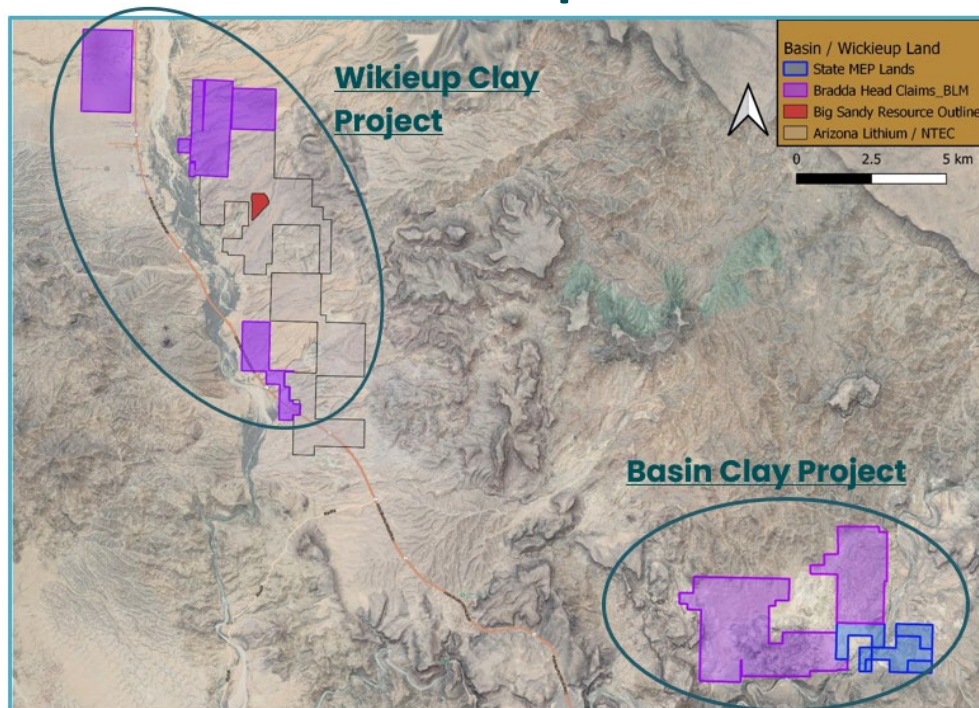
100% Bradda Head Lithium Property, no royalties except to State

16 targets, **five untested by drilling**

Dragon target is high priority, excellent surface geochemistry and large spodumene, only 3km from sand and gravel operation

Lithium in Clays: Large Compliant Resource w/ Upside

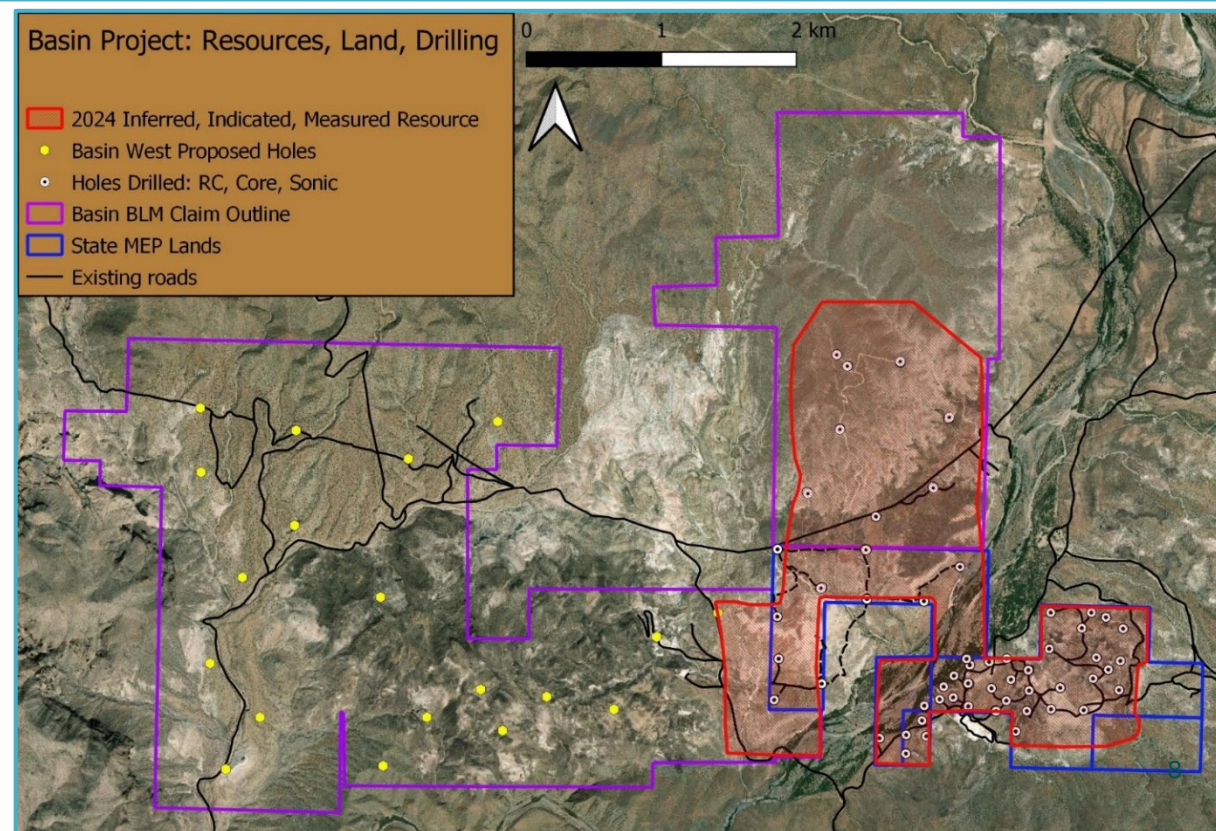
Wikieup



- BHL Clay Portfolio in Northwest Arizona: **Two Quality Projects** in close proximity with excellent access, infrastructure, and land positions
- Clay projects across the western US moving forward such as Thacker Pass in Nevada, will be pivotal in the clay space and catalyst for BHL to advance our projects

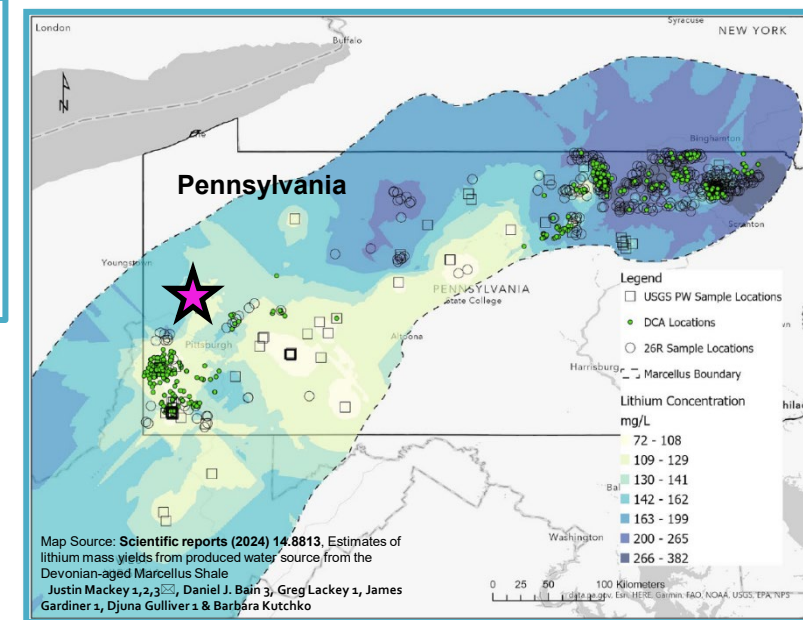
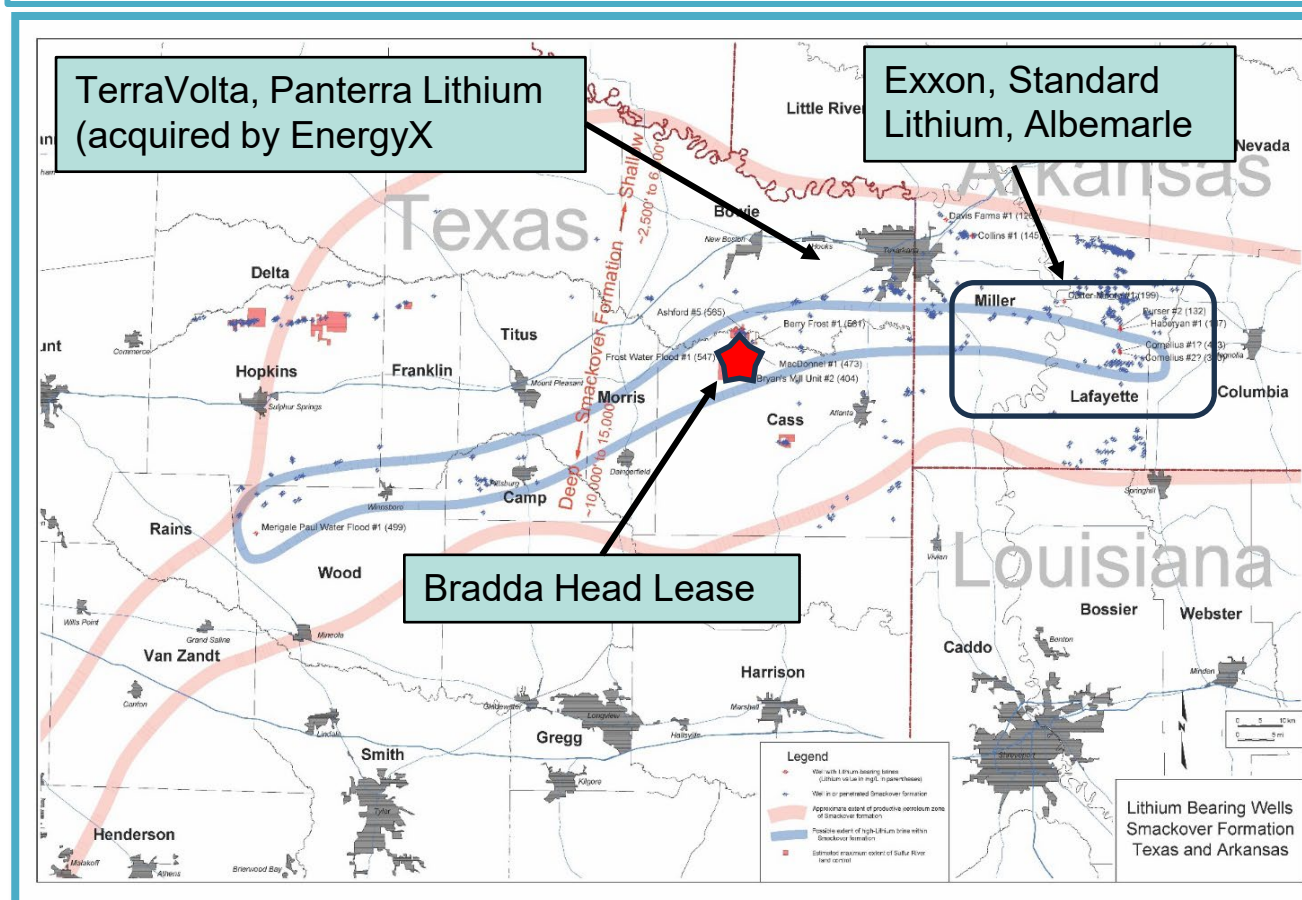
Basin

- Basin Clay MRE **2.81MT** LCE MRE at Basin in 2024, 43-101 compliant
- **Resource open in all directions**, excellent potential on the western half of the property
- LRC Royalty payment of US \$3.0M received in 2024
- Extensive land package at **19.7km²**
- Exploration plan of operation (EPO) permit with BLM approved to expand drilling footprint in Basin West, EA anticipated end of 2026



Lithium Oil Brines – Texas and Pennsylvania—Our assets are attracting DLE Technology Companies and the Oil and Gas Majors – growing potential

- BHL has 589 acres leased, consolidated over 5 targets in Pennsylvania
- Former oil wells sampled **490 and 489 mg/l lithium** adjacent to leased properties
- Oil brine reservoir at 1,600m (5,250 ft) depth, half the depth as Smackover



- East Texas, center of Smackover, several historic drill holes detected up to **561 mg/litre Li**
- Standard Lithium, with Equinor recently produced lithium-rich solution (LiCl) from pilot study, sent off for lithium carbonate conversion
- Exxon and Albemarle properties 80km to east in Arkansas, similar lithium grades, advancing DLE technology

Strategic US Lithium Policy

- **Lithium is designated a U.S. strategic and critical mineral** under the Defense Production Act (Title III)⁽¹⁾
- **U.S federal policy strongly supports domestic lithium production**, encouraging partnerships between private capital and commercially viable projects ⁽²⁾
- **U.S. government backing has been demonstrated through financing support for major U.S. lithium developments**, including Thacker Pass ⁽³⁾
- **Recent legislative initiatives aim to strengthen supply-chain security**, including proposed strategic stockpiles of critical minerals ⁽⁴⁾
- **Multiple funding pathways are available** through the U.S Department of Energy and Department of Defense to support production and processing

Source:

1-<https://www.federalregister.gov/documents/2025/11/07/2025-19813/final-2025-list-of-critical-minerals>,

2-<https://www.federalregister.gov/documents/2025/03/25/2025-05212/immediate-measures-to-increase-american-mineral-production>

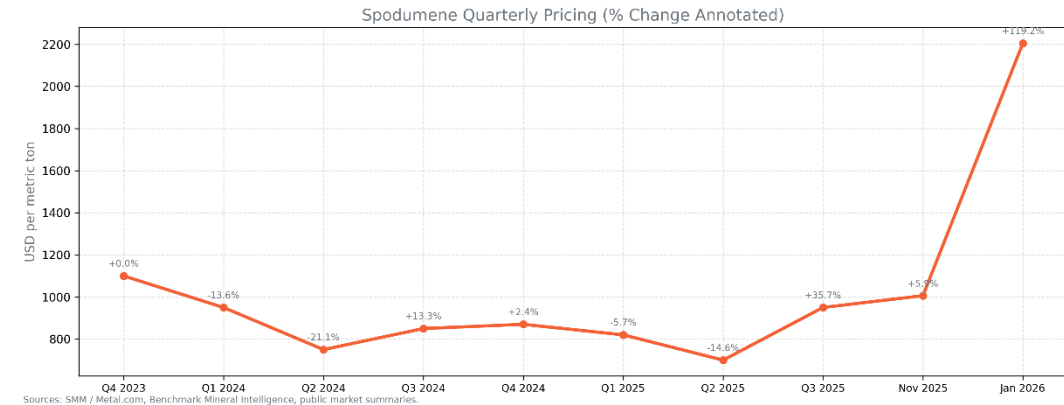
3-<https://www.energy.gov/articles/department-energy-restructures-lithium-americas-deal-protect-taxpayers-and-onshore>

4-<https://www.mining.com/us-proposed-secure-act-aims-to-offset-chinas-grip-on-critical-minerals/>

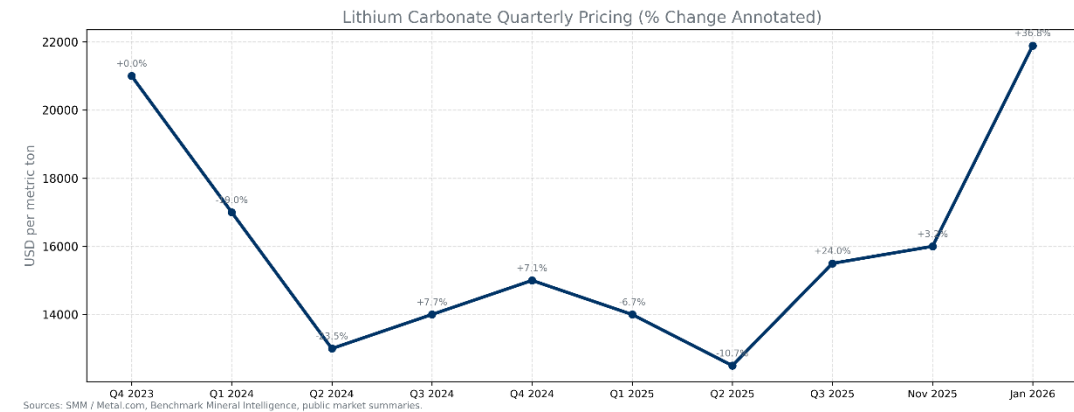
Lithium prices (USD per metric ton)



Spodumene (6% LiO2)



Battery - grade Lithium Carbonate (Li2CO3)



Strategic Positioning in the USA for Lithium End-Users

Southwest USA Offers:

- **Favorably located** with access to established **power, rail, and road transport infrastructure**
- Energy **infrastructure is readily accessible** and already in place
- **Located within a region hosting multiple lithium end-users across the western United States**, most notably the Tesla factories

Lithium Deposit Pedigree:

- 1 Silver Peak, Albemarle** (Mkt Cap US\$19.3bn), producing lithium brine operation
- 2 Rhyolite Ridge, Ioneer** (Mkt Cap US\$406m), sedimentary, mine permit granted, government debt funding \$996m, offtake agreements with Ford, Toyota-Panasonic
- 3 TLC, American Lithium** (Mkt Cap US\$224m), sedimentary lithium project
- 4 Thacker Pass, Lithium Americas** (Mkt Cap US\$224m), sedimentary lithium project under construction, supported by a GM joint venture and offtake agreement, a \$625M JV investing, and a \$2.26B U.S Department of Energy loan



Bradda Head LTD Assets

- Brine assets (Green circle)
- Sedimentary assets (Orange circle)
- Pegmatite asset (Purple circle)

Directors and Executive Team



Ian Stalker
Executive
Chairman



Denham Eke
Finance
Director



Jim Mellon
Non-Executive
Director



Alex Borrelli
Independent
NED



Euan Jenkins
Independent
NED



Hugo Zuniga
Senior project
Manager

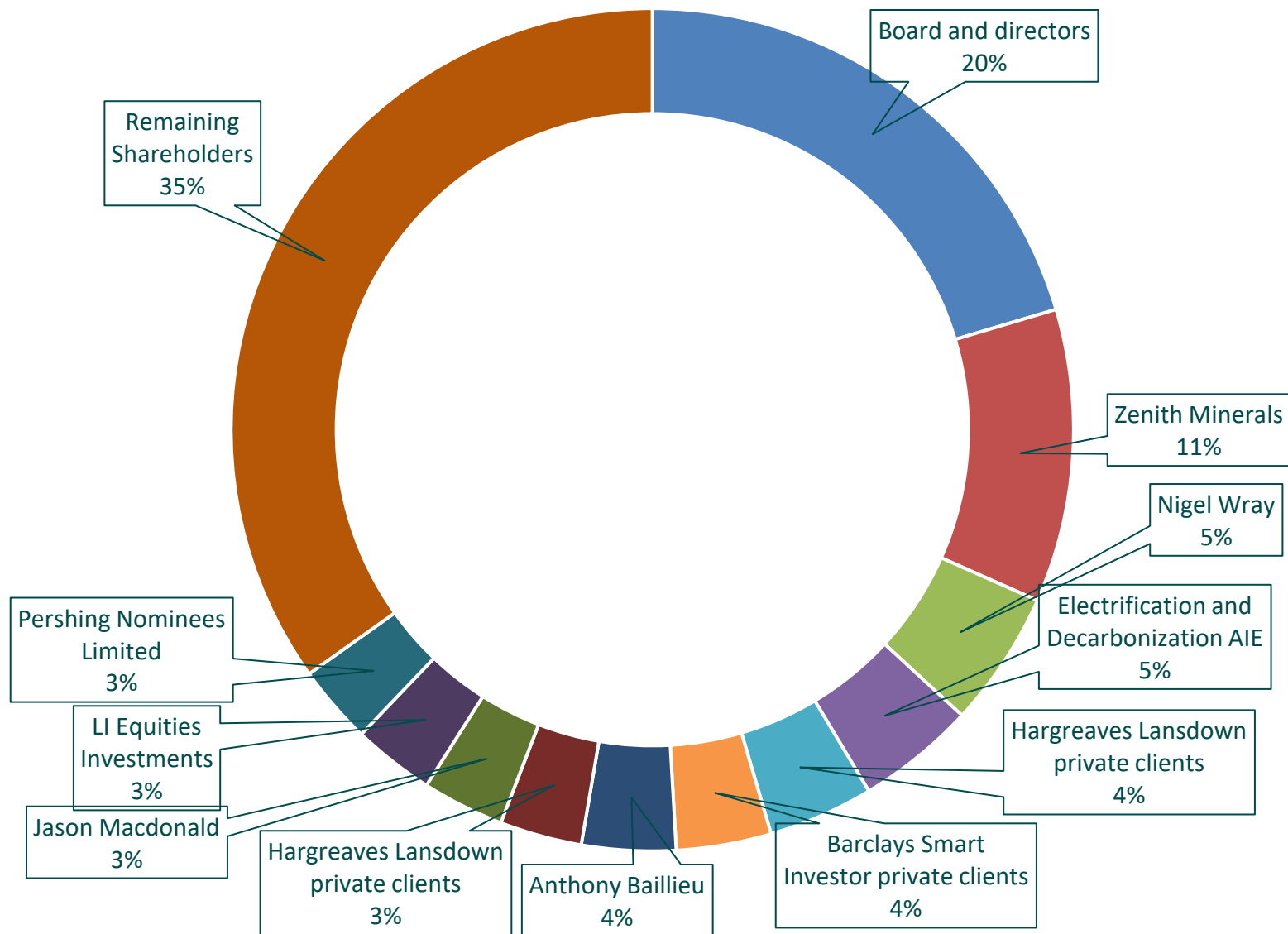


Piotr Shabak
CFO

Plus, a strong but nimble operational team on the ground in the USA, driving project growth

Appendix A: Bradda Head – Capital Structure

Based on total issued capital as at 31 December 2025 of 309,609,439 shares



Technical	NOMAD	Brokers	Legal	Audit	Investor Relations
ABH Engineering Inc Damir Cukor +1 (778) 874 8152	Beaumont Cornish Ltd James Biddle +44 (0) 207 628 3396	Shard Capital Partners LLP Isabella Pierre +44 (0) 207 186 9927	Hill Dickinson LLP Dorsey Whitney LLP	PKF Littlejohn	Tavistock Nick Elwes Josephine Clerkin +44 (0) 207 920 3150

