



Mount Dromedary Battery Materials Project Update

*Accelerating adoption of battery technologies
for a cleaner energy future*

26 July 2018



Background: Existing world-class, extensive, **high-grade (18%+)** graphite deposit in an established mining province near Cloncurry in North West Queensland - Mining Lease Application underway

Latest results: **New copper assay results received today from ALS** - surface sampling within the existing Mining Lease Area has confirmed **high-grade copper** occurrences of up to **16.85% Cu**

Strategic value: High-grade Copper ore, if extensive within the Mount Dromedary project, may be of strategic interest in the battery materials and EV market supply strategy

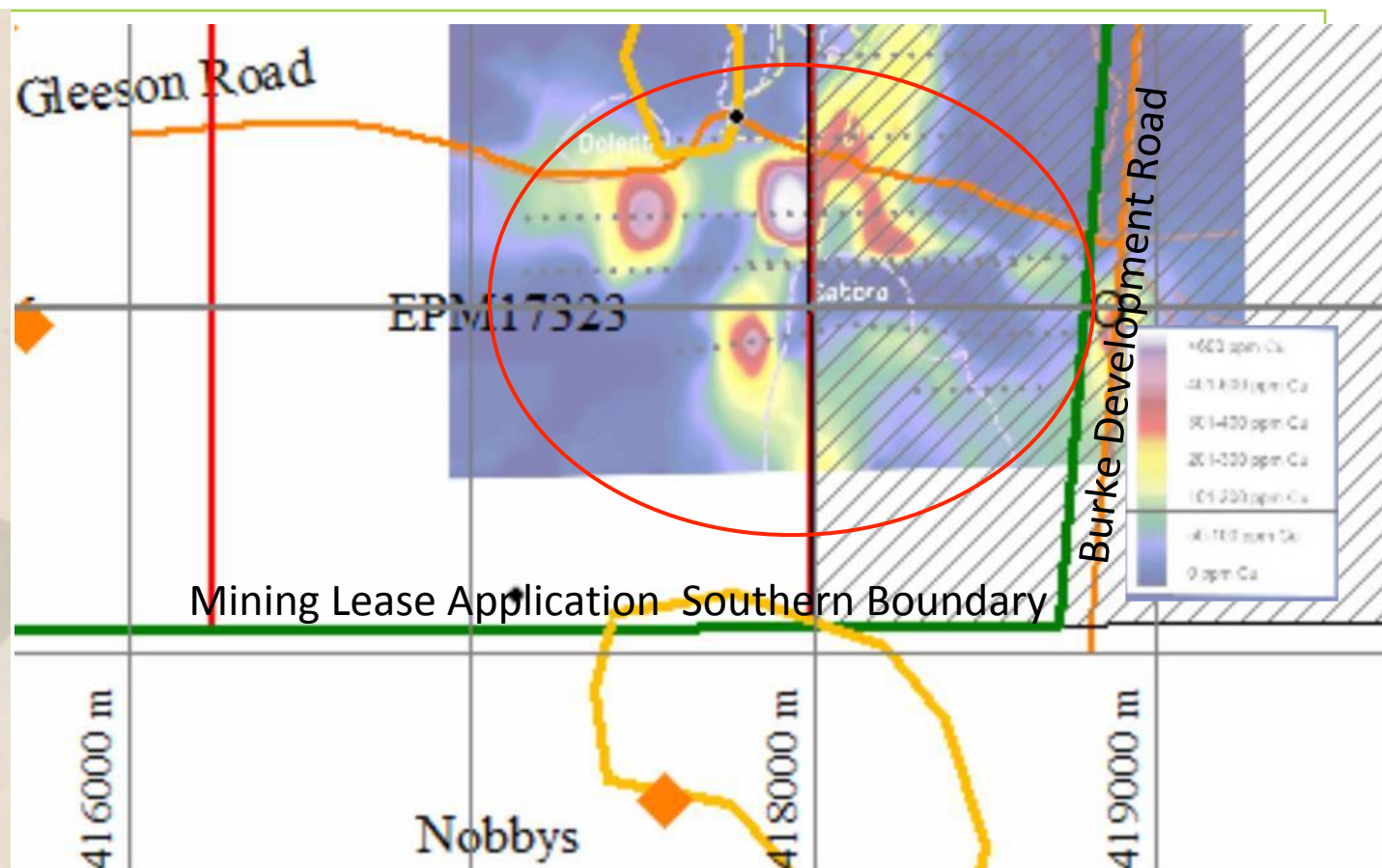
Next steps:

1. Consider strategic partners for Mt Dromedary Battery Materials Project.
2. Continue investigations for scaling up to 200Ktpa graphite concentrate.
3. Further Cu sampling and field-work to be conducted in the coming weeks to attempt to determine extent of the high-grade Cu ore

Project Update – High-grade Copper Sampling

Malachite sample from Mount Dromedary Mining Lease Area grading **16.85% Cu***

(sample prep. courtesy of Geological Survey of Queensland)



Above: Historical Cu soil sampling Results within southern portion of Mount Dromedary Mining Lease Area

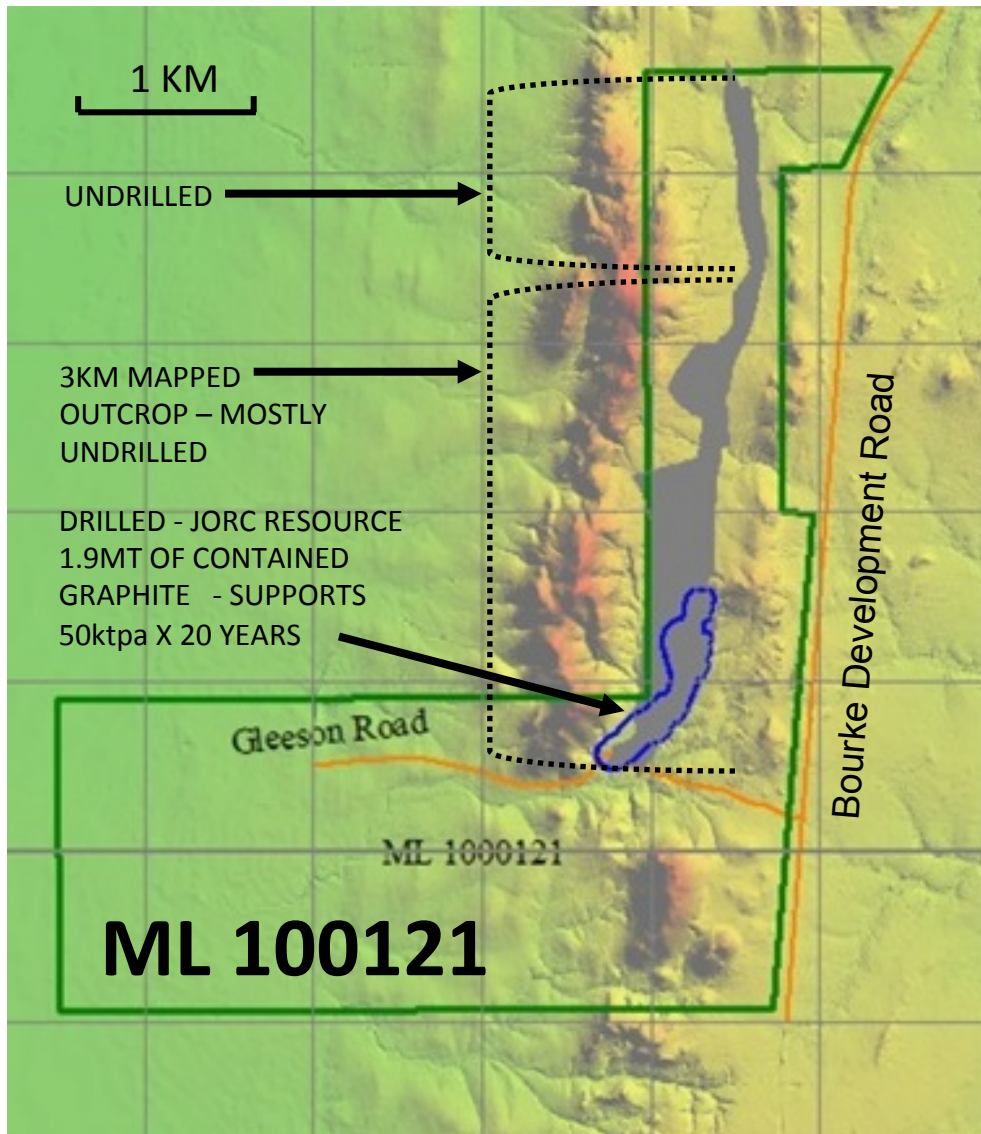
* **Source:** Australian Laboratory Services Pty Ltd (ALS), 26 July 2018

Mount Dromedary Battery Materials Project

Unique large scale resource	Access to market and infrastructure	Concentration and purification expertise	License to operate
<ul style="list-style-type: none"> • World-class, high-grade (18%+) graphite deposit • Large - 1.9Mt contained graphite from 20 – 30% of known and expected mineralization areas - potential for up to 200Ktpa • Very low strip-ratio (outcropping over 3km) • Potential for high-grade Copper (up to 16.85% Cu) within the existing Mining Lease Application area 	<ul style="list-style-type: none"> • Adjacent (<1km) to sealed highway connecting to multiple export ports • Bulk and containerized export options • Attractive back-haul and container transport capacity (road and ocean) 	<ul style="list-style-type: none"> • Extensive metallurgical testing done to determine suitability for producing a export grade concentrate • NOVONIX has undertaken both thermal and chemical purification trials upgrading the concentrate to lithium-ion battery grade 	<ul style="list-style-type: none"> • Well-established mining province • Excellent local and state government relationships and support • Local community support and encouragement

Mount Dromedary Battery Materials Project Opportunity

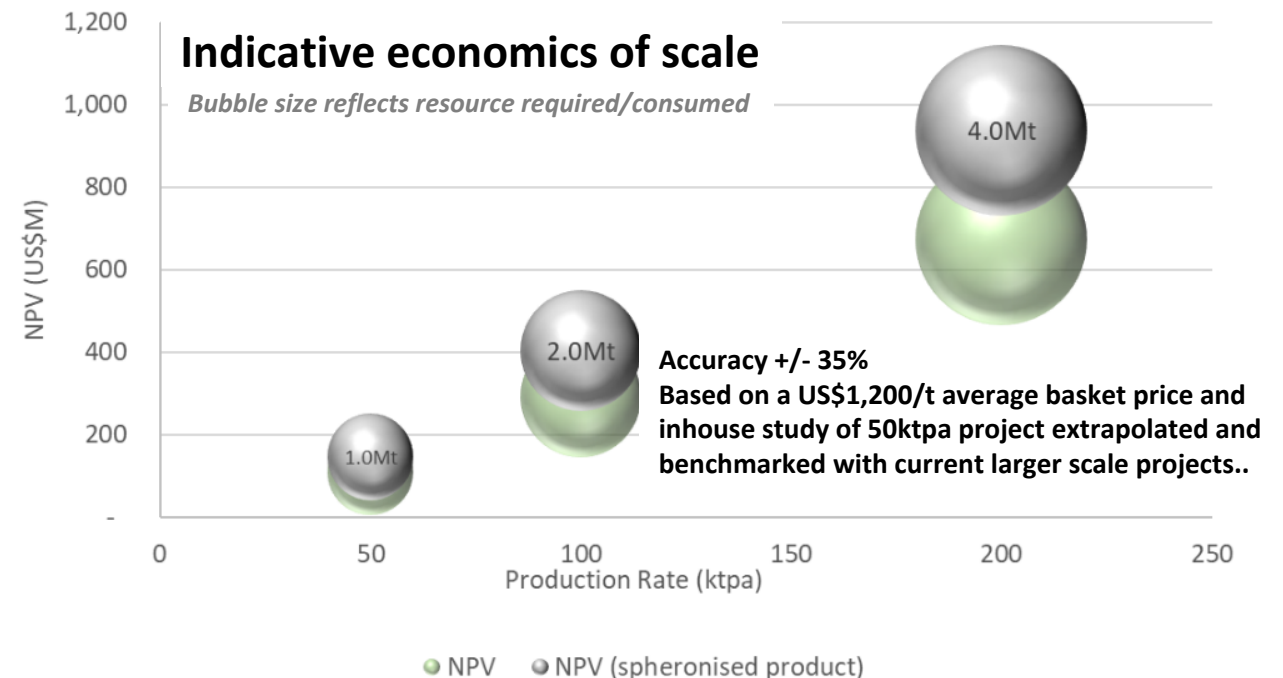
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- One of the highest grade flake graphite deposits in the world
- Only 20 – 30% of the known/expected graphite mineralization drilled
- Indicates resource potential of >4.0 Mt of total contained graphite
- High-grade Cu (up to 16.85%) occurrences within the current ML area
- **Partnering/divestment opportunities to be explored for the asset**

MOUNT DROMEDARY

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Established brand in the rechargeable lithium-ion battery industry

- NOVONIX is an established brand name known for making the most accurate battery cell test equipment in the world

Global footprint of blue-chip customers and sales in 14 countries

- Our battery cell test equipment now used by leading battery, auto and equipment makers and researchers including PANASONIC, TESLA, Microsoft, Apple, CATL, BOSCH, 3M

Innovative new products and process being commercialised in large growing market

- Developing and commercialising new innovations in battery anode materials and battery cell test equipment and undertaking R&D in electrolytes

Backed by a board experienced in building and running billion dollar businesses

- Extensive experience in BD, resources, energy, advanced materials, battery industry, project financing, project delivery, operations and scaling

Highly-incentivised Board and Management

- The Board and Management hold ~45% of the equity in the company

Considering strategic partners to progress the Mt Dromedary Battery Materials Project

- Mining Lease Application in place for our world class flake graphite deposit with potential for high-grade copper deposit within the Mining Lease area

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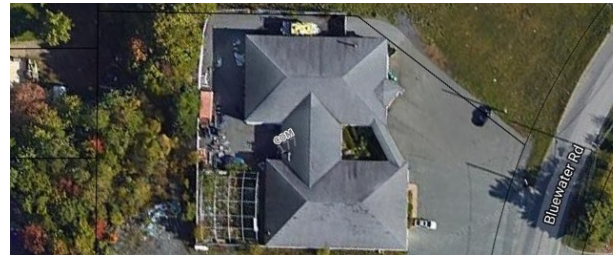
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Battery Testing Services (BTS) facility



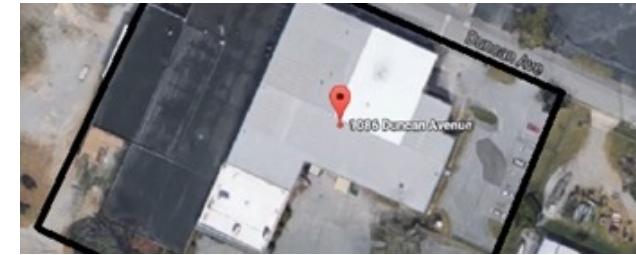
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PUREgraphite battery materials development facility



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