

# NOVONIX

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## Mount Dromedary Battery Materials Project Update

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*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:**

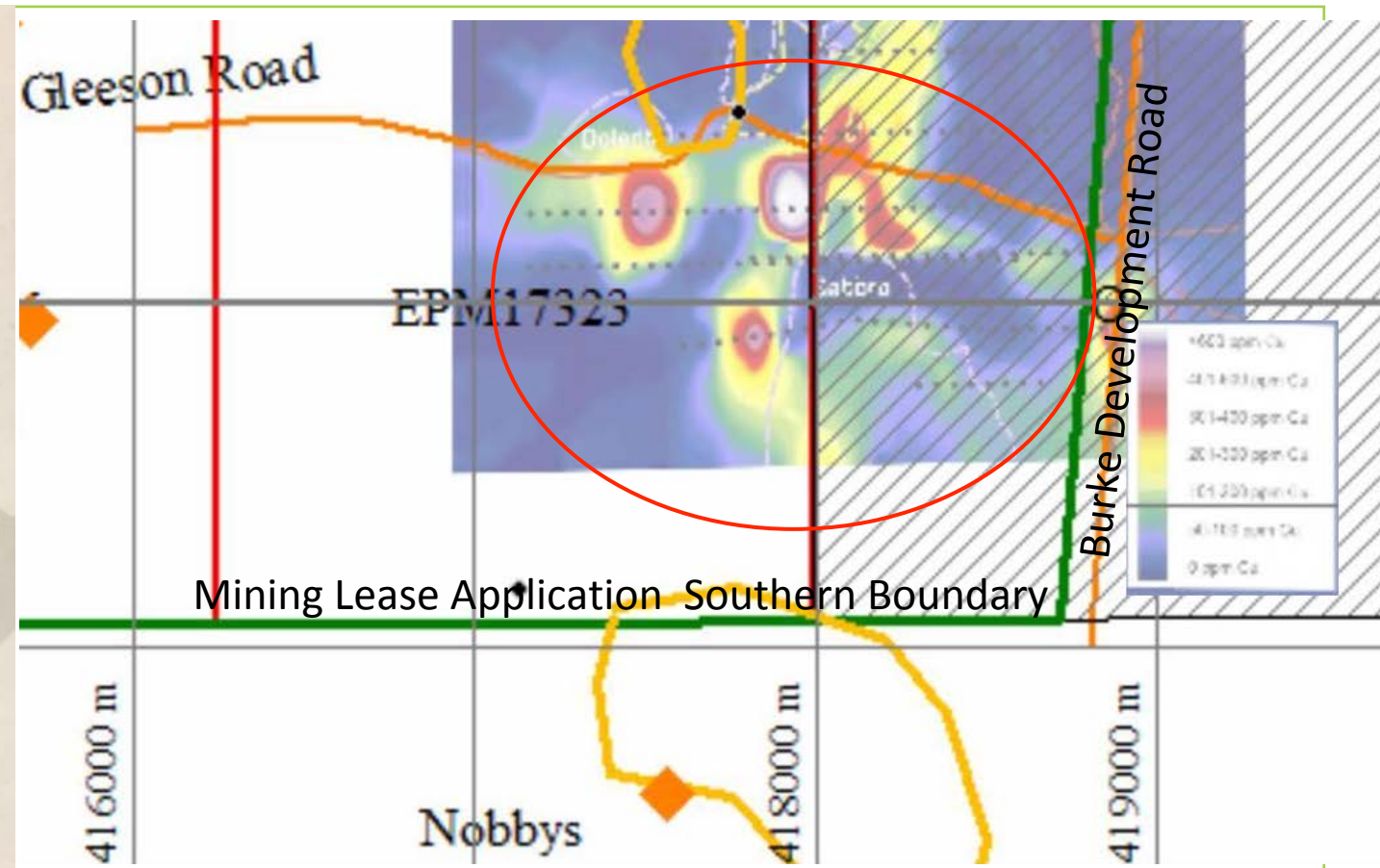
1. Consider strategic partners for Mt Dromedary Battery Materials Project.
2. Continue investigations for scaling up to 200Ktpa graphite concentrate.
3. Further Cu sampling and field-work to be conducted in the coming weeks to attempt to determine extent of the high-grade Cu ore

# 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

- 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

## Access to market and infrastructure

- 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)

## Concentration and purification expertise

- 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

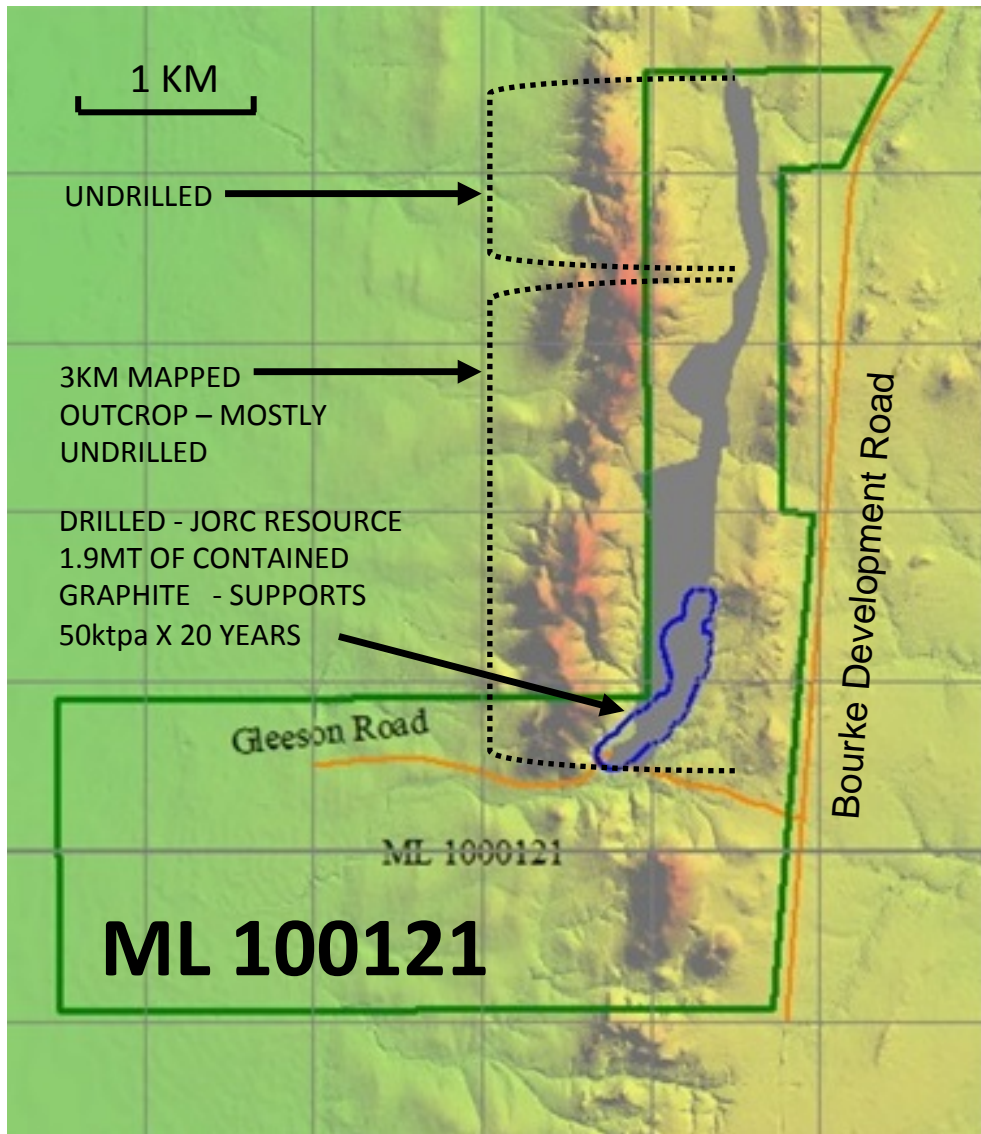
## License to operate

- Well-established mining province
- Excellent local and state government relationships and support
- Local community support and encouragement

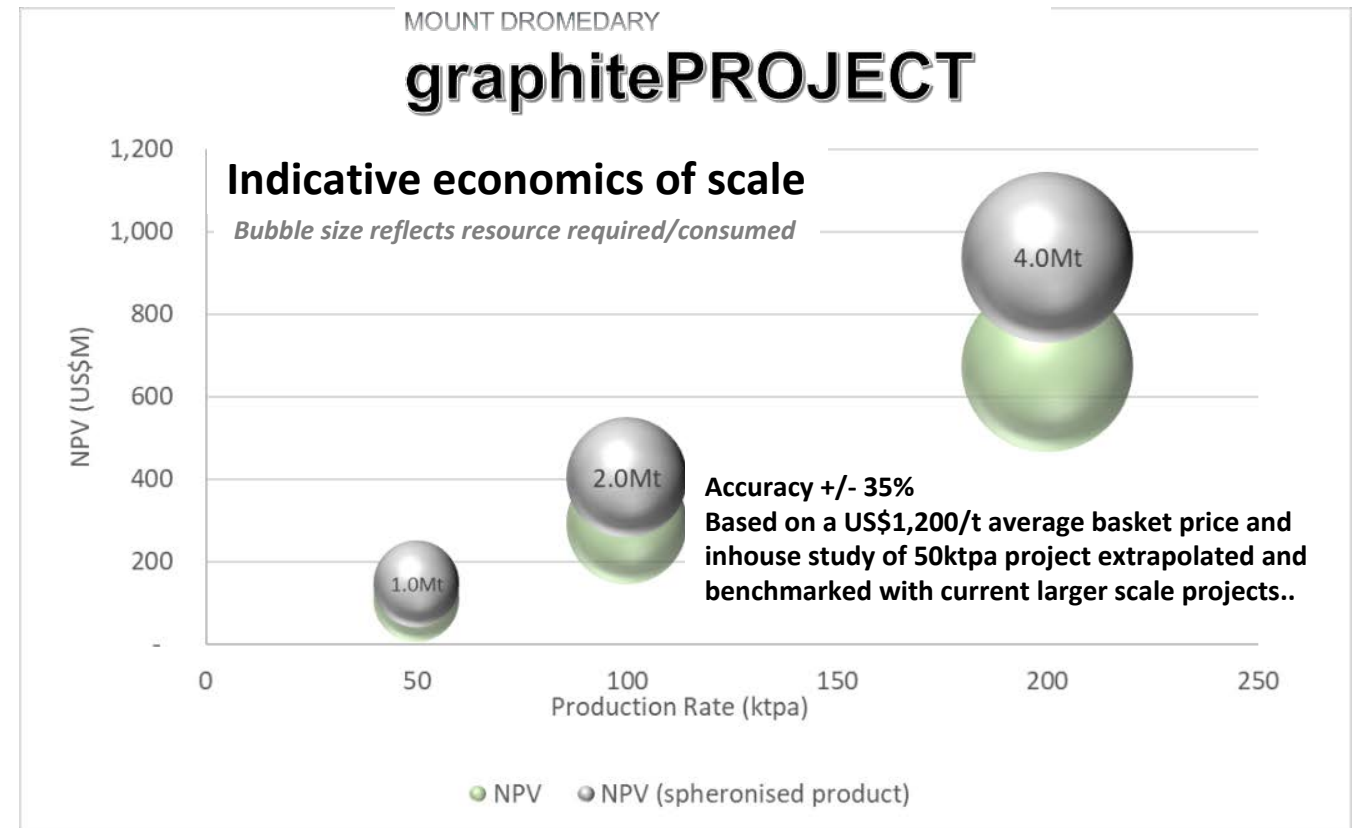


# Mount Dromedary Battery Materials Project Opportunity

## graphitePROJECT



- 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**



## **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

## Corporate contact information

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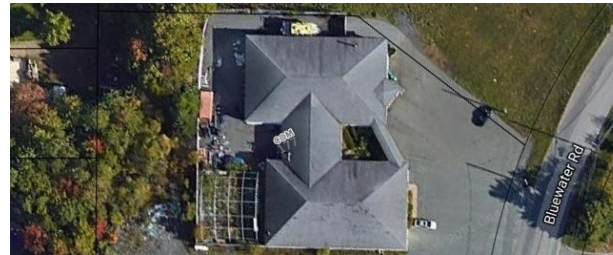
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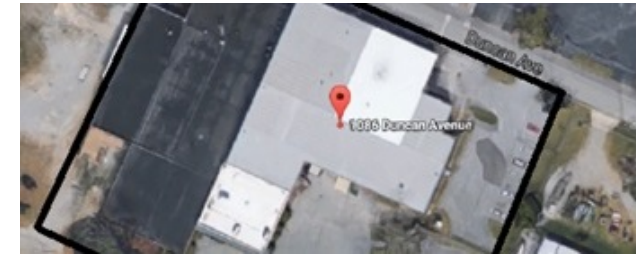
## Battery Testing Services (BTS) facility



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