

Graphite Australia NL

Low Emission and Technology Minerals Conference Nov 2016

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BACKGROUND

Graphite Australia NL was incorporated in March 2016

The Company is currently a 100% owned subsidiary of ASX listed Lithium Australia NL

Several years ago, Lithium Australia NL commenced building a portfolio of graphite projects to complement its position in lithium

Graphite Australia NL Board and Management have the necessary corporate, project development and graphite related technical skills and experience to deliver value for shareholders

The aim is for Graphite Australia NL to list in 2017



MARKET

Global natural graphite production 1.2Mt per year and growing

Global production : 54% amorphous, 45% flake, 1% vein / lump

China produces 70-80% of world production (70% amorphous, 30% flake)

Chinese production is inherently being affected by economic and environmental factors

Other significant global producers include: Nth Korea, Zimbabwe and Russia

There is an increasing shift to natural graphite by producers of Li-ion batteries as a cost effective alternative to synthetic graphite

New markets that involve graphene, expandable graphite and spheronisation



CURRENT ASSETS

Western Australia

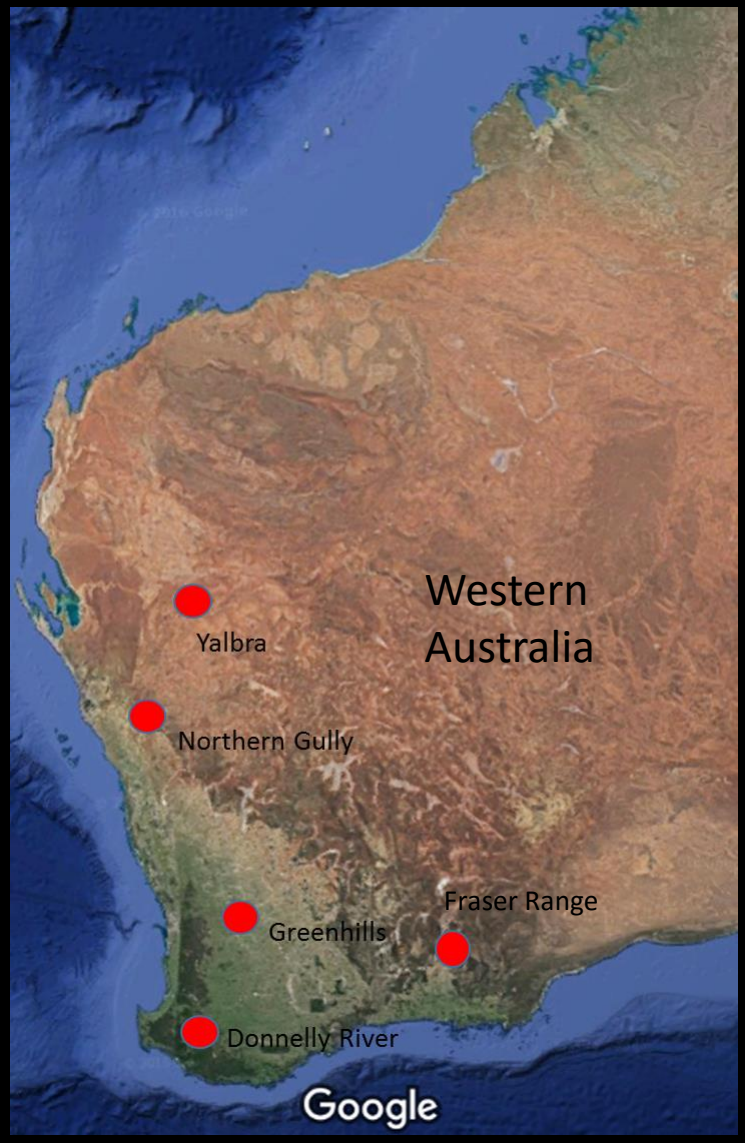
Greenhills – 2 ELs granted and 2 pending
Graphite outcropping on 3 leases

Fraser Range – Negotiating graphite rights
Excellent grades with very high float results and exceptional flake size

Donnelly River – close proximity to historic graphite workings from the early 1900s

Northern Gully – known graphite occurrences associated with the Lady Sampson Mine

Yalbra – Located 5km along strike from Buxton Resources Project (4Mt @ 16% TGC)



STRATEGY

Focus on product demand(s) – current and future

Develop projects that are tailored to those demands / offtake

Minimise geo-political risk

Focus on quality not quantity without chasing technical excellence

Initial approach to focus on simple metallurgy / mineralogy

Maximise the synergies with Lithium Australia

Continually prioritise the Company portfolio of assets and opportunities



STRATEGY

Project Economics



STRATEGY

Project Economics

MARKET

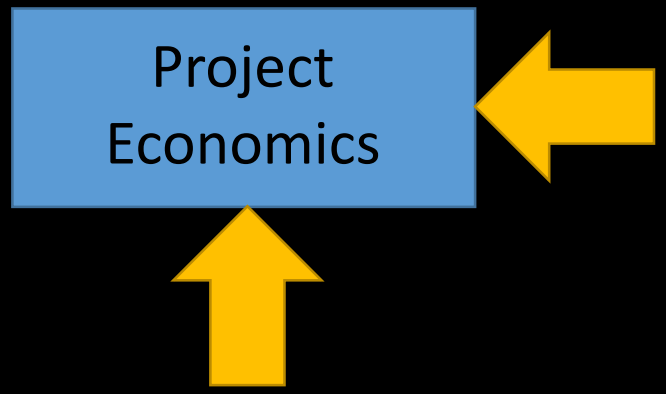
Customer Product Preferences: type, size, purity = pricing

Global Supply of Product(s)

Changing Market(s)



STRATEGY



MARKET

Customer Product Preferences: type, size, purity = pricing

Global Supply of Product(s)

Changing Market(s)

PROJECT FINANCE

Project Economics

Location

Proximity to Infrastructure

Offtake

STRATEGY

PROJECT VALUE

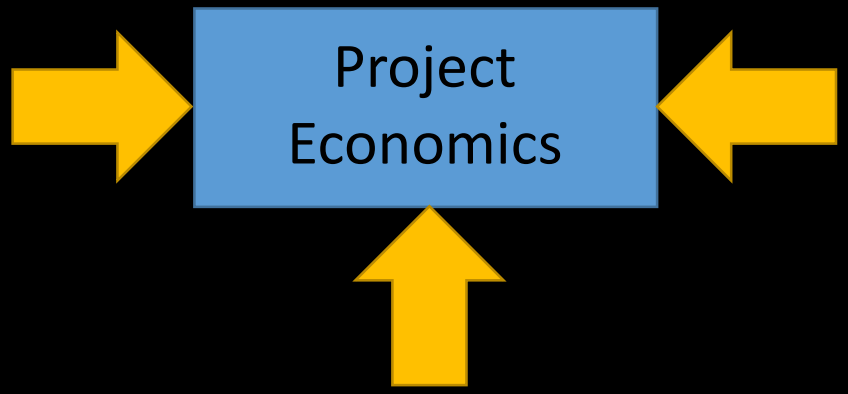
Mineralogy / Metallurgy

Grade

Reserve / Resource

Scale / Product Quantity

Capex & Opex



MARKET

Customer Product Preferences: type, size, purity = pricing

Global Supply of Product(s)

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PROJECT FINANCE

Project Economics

Location

Proximity to Infrastructure

Offtake

MOVING FORWARD

Continue to review project opportunities – locally and overseas that meet our growth strategy

View both graphite flake and amorphous graphite opportunities for commercial value for shareholders

Compile an attractive portfolio of graphite assets from exploration through to current or near term production

Finalise the prospectus as soon as possible with a view towards listing in early 2017



Fraser Range material being tested at ALS Perth



Graphite Australia NL

Thank You