



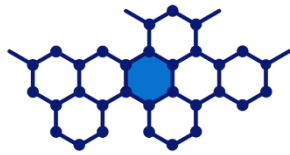
**HEXAGON**

resources limited

High Purity Flake Graphite for New Technologies

# CORPORATE PRESENTATION

December 2015



# HEXAGON

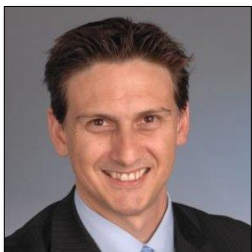
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High Purity Flake Graphite for New Technologies

*Investment in Hexagon Resources Limited (“Hexagon”) is subject to investment risk, including possible loss of income and capital invested. Neither Hexagon, nor any other member company of the Hexagon Group, nor any officer or employee guarantees any particular rate of return or performance, nor do they guarantee the repayment of capital.*

*The presentation may contain forward-looking statements regarding the potential of the Company’s revenues, projects, interests and the development potential of the Company’s business. Any statement describing a goal, expectation, intention or belief of the Company is a forward-looking statement and should be considered an at-risk statement. Given these risks, readers are cautioned not to rely on forward-looking statements. Actual results could differ materially from those anticipated in these forward-looking statements due to many important factors, risks and uncertainties including, without limitation, risk associated with product sales, development and manufacture, risks inherent in the business, future capital needs, general economic uncertainty and other risks detailed from time to time in the Company’s announcements to the ASX.*

## DIRECTORS



### Neville Miles

- 15+ yrs experience investing in small cap mining sector.
- COO Invicara
- Formerly Senior Vice President at Siemens Energy Management
- Joined 9<sup>th</sup> December 2014



### Tony Cormack

- CEO / Head of Operations
- Formerly Resource Development Manager at Atlas Iron Ltd
- Strong Operational Experience
- Joined 17<sup>th</sup> December 2014



### Garry Plowright

- Formerly General Manager of International Gold Limited, Korean Operations
- Strong background in Mining Law and Administration
- Joined 10<sup>th</sup> June 2015

# KEY DATA AT A GLANCE

## Key Information

Shares on issue <i>(as of 2 December 2015)</i>	215,454,247
Options on issue <i>(as of 2 December 2015)</i>	11,250,000
Undiluted Market Capital <i>(as of 2 December 2015. Share Price: \$0.06)</i>	\$14.6M
Cash on Hand <i>(as of 30 September 2015)</i>	\$1,223,000

## Top 5 Shareholders

Och Ziff	8,469,495 (3.93%)
Pathfinder Pty Ltd	8,451,993 (3.92%)
J P Morgan Nominees Ltd	7,042,436 (3.27%)
Mr Robert Simeon Lord	6,600,000 (3.06%)
UBS Nominees Pty Ltd	6,129,999 (2.85%)

## Share Price







**HEXAGON**

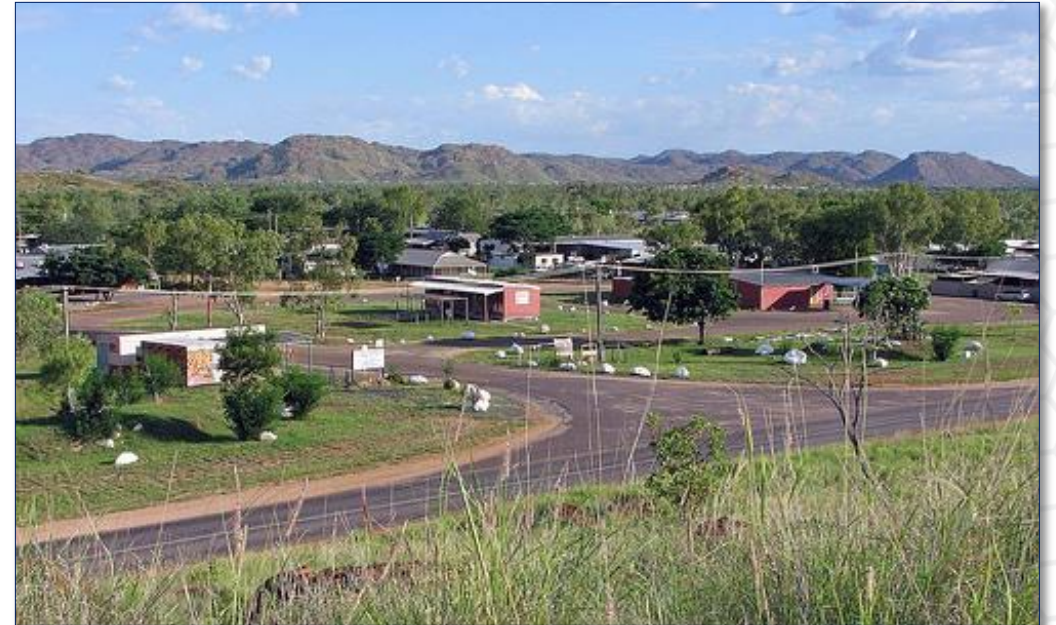
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High Purity Flake Graphite for New Technologies

# OUR VISION AND STRATEGY

# OUR VISION

- *To become the leading Australian supplier of high purity flake graphite, specifically targeting the production of spherical graphite for emerging high technology applications*
- *We will achieve this with end to end sustainable best practices whether it be environmental or business practices and we will always respect the community in which we operate*



*Warmun (Turkey Creek) Community*

# HUGE DEMAND UPSIDE FOR FLAKE GRAPHITE

- **Market for Lithium-ion batteries expected to Grow 4X by 2020** (Source: Renewable Energy World Sept 2014)
- **Number of EV's in China to surge by 300% by end 2015** (Source: CIMB China EV boom report May 2014)
- **EV population in China to grow at 83% pa through 2020** (Source: CIMB)
- **Li-ion EV battery demand in China to grow by 240% through 2014-15** (Source: CIMB)
- **\$12.2 Trillion will be invested in global power generation in the next 25 years, with renewables accounting for 66% of the investment** (Source: Bloomberg)
- **Tesla Battery Giga-Factory at full capacity requires the total 2014 supply of spherical graphite, with 6 alternative battery giga-factories in the pipeline globally**
- **Panasonic predicts 17% increase in revenue returns for Lithium-Ion batteries for EV's and 75% increase for home and commercial energy storage to 2025** (Source: Tesla-Benchmark Minerals Battery Conference 2015)



# SPHERICAL GRAPHITE PRICING

- **Uncoated spherical graphite\*: \$3,000 - 3,500 USD per tonne concentrate**
- **Coated spherical graphite\*: \$7,000 - 7,500 USD per tonne concentrate**

*(Source: Benchmark Minerals)*

*\*50 - 60% dilution to produce spherical graphite*



# OUR STRATEGY

- *Develop McIntosh towards Production of High Purity Flake Graphite including the assessment of the best ROI saleable products (e.g. producing Spherical Graphite on-site at McIntosh)*
- *Evaluate Strategic Options to develop the South Korean Graphite Projects*
- *Find Partners for non-core, non-graphite assets (Halls Creek, Mabel Downs & Valla)*
- *Post McIntosh Phase 1 Production, expand the resource considerably by exploring the broader McIntosh tenement package*



# HEXAGON

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High Purity Flake Graphite for New Technologies

## OUR PROJECTS

# GRAPHITE PROJECTS AT A GLANCE

## Western Australia

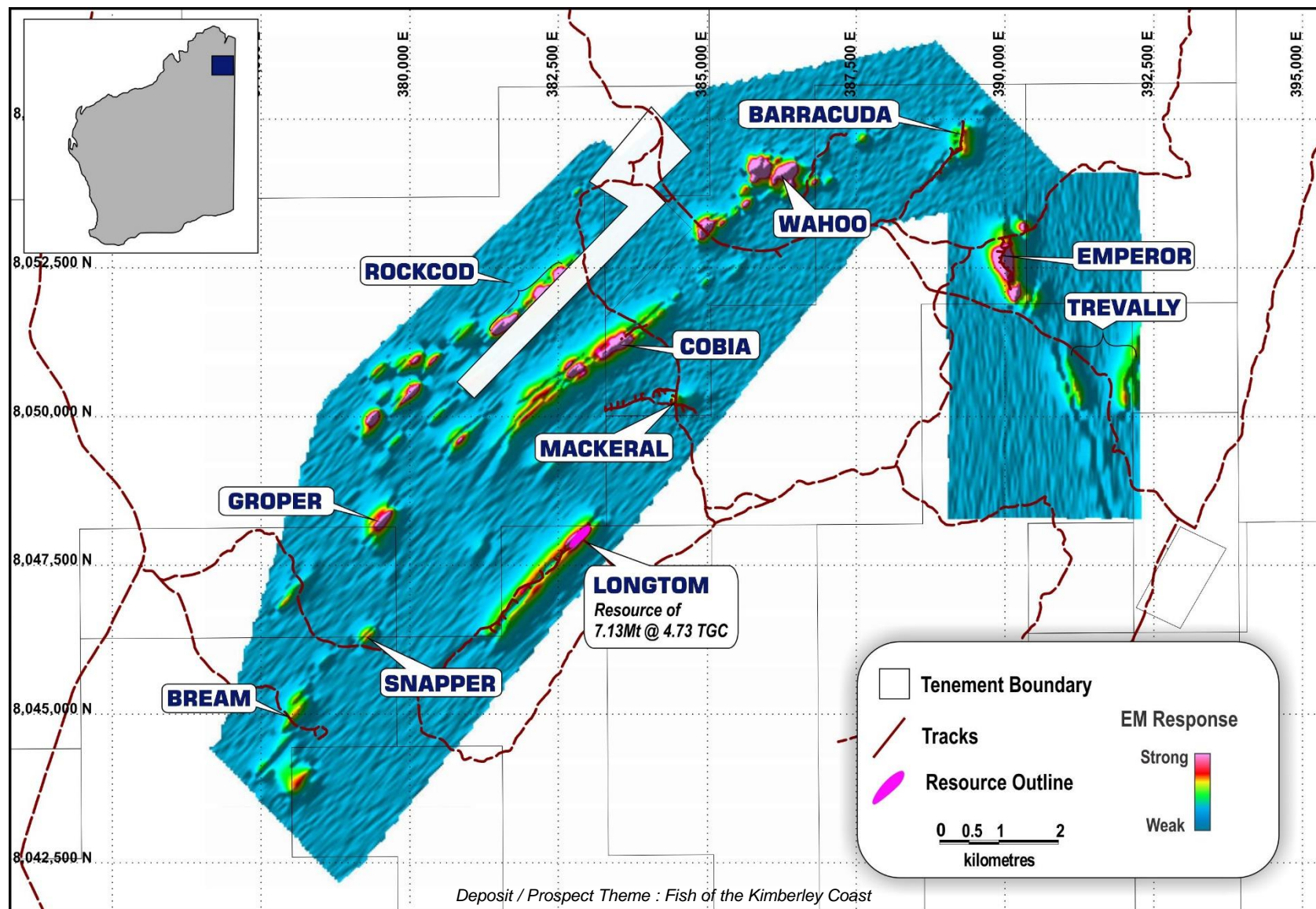


## South Korea





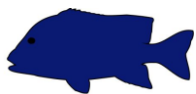
# MCINTOSH FLAKE GRAPHITE PROJECT



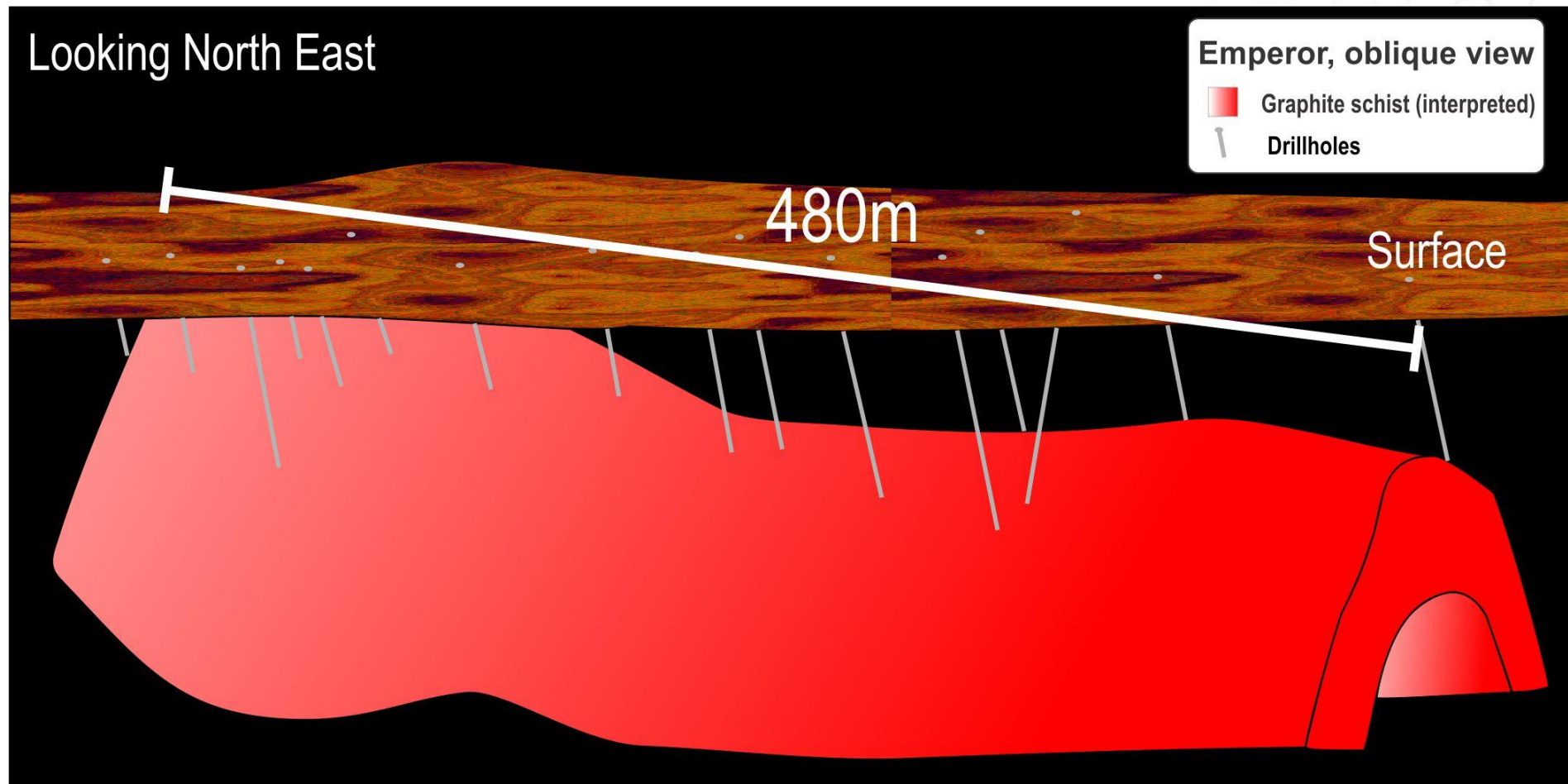
- **Current Longtom Resource of 7.13Mt @ 4.73%TGC**
- **Recent Diamond drilling at Wahoo, Barracuda and Emperor to add considerably to McIntosh Resource**
- **Total flake graphite strike length potential at McIntosh is in excess of 50 km**



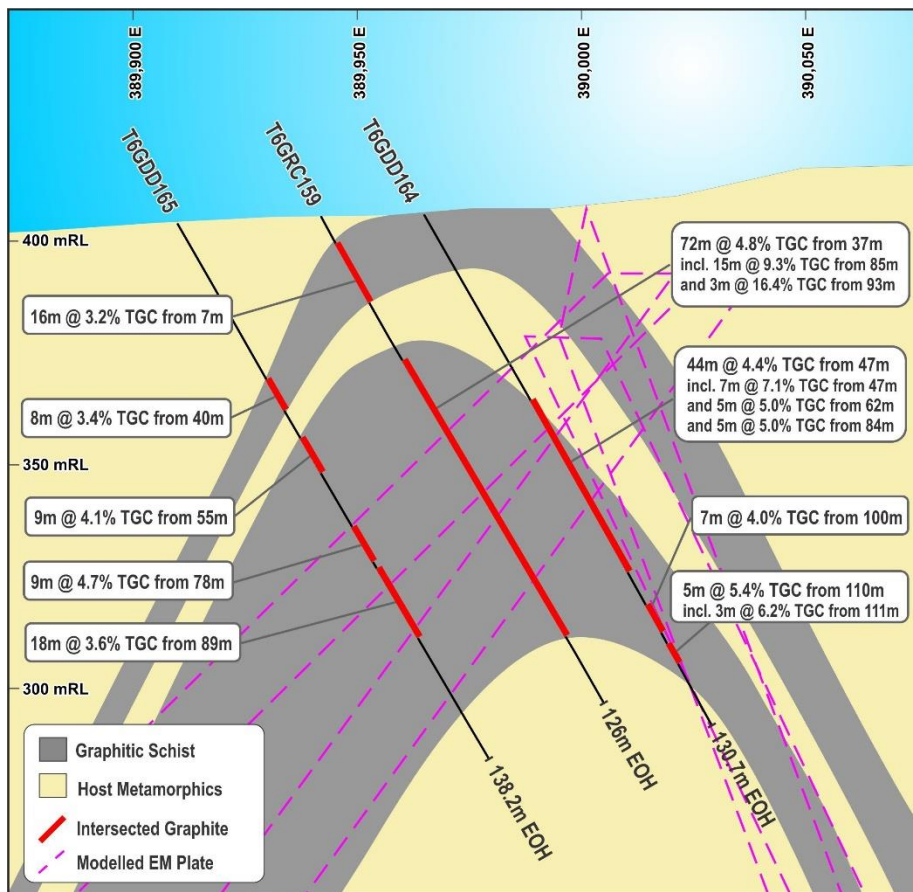
# EMPEROR (T6)



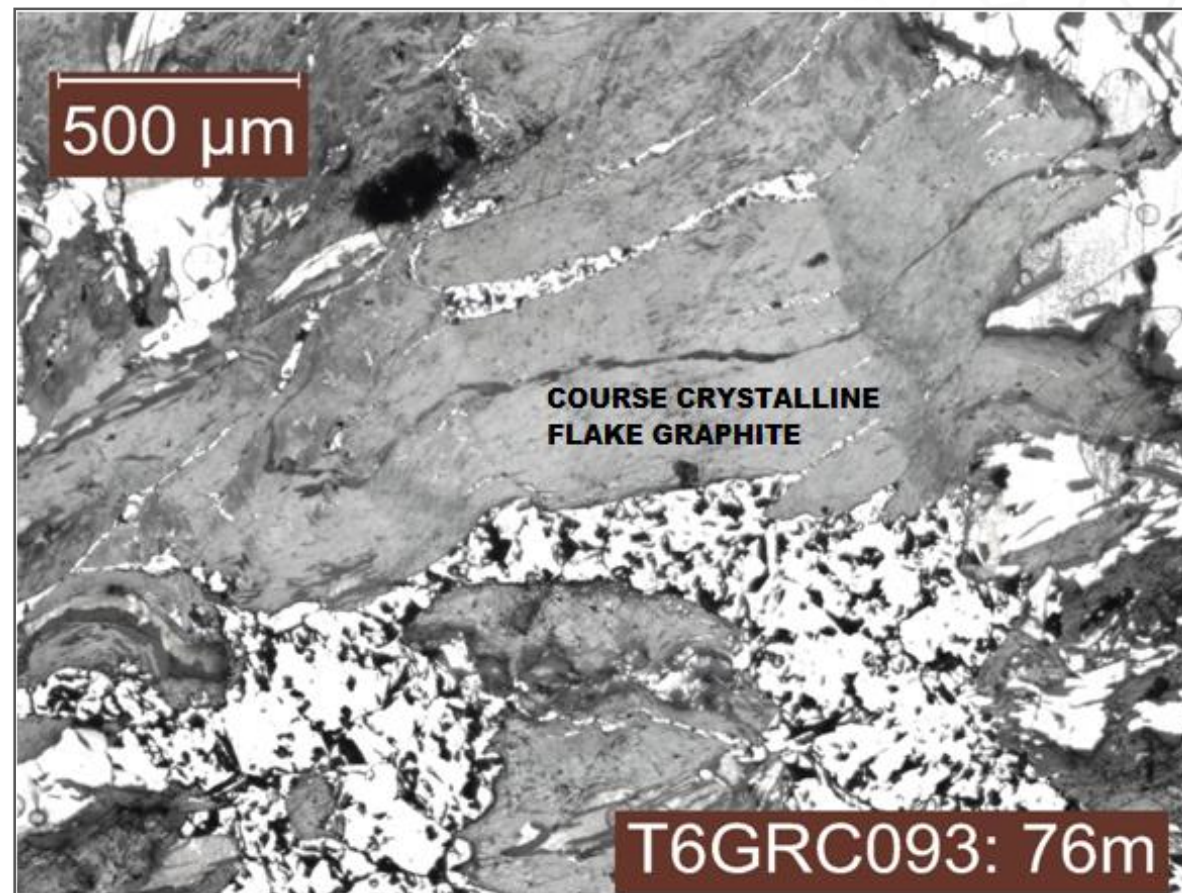
- **Bulk Scale Metallurgical test work (200kg of HQ core) has produced a 98% TC concentrate without any acid or chemical leaching with a high 89% recovery**
- **Flake graphite at surface and well suited to a low strip ratio / open pit operation**



# EMPEROR (T6)



- **High Grade / High Purity / High Value Flake Graphite from surface at Emperor**



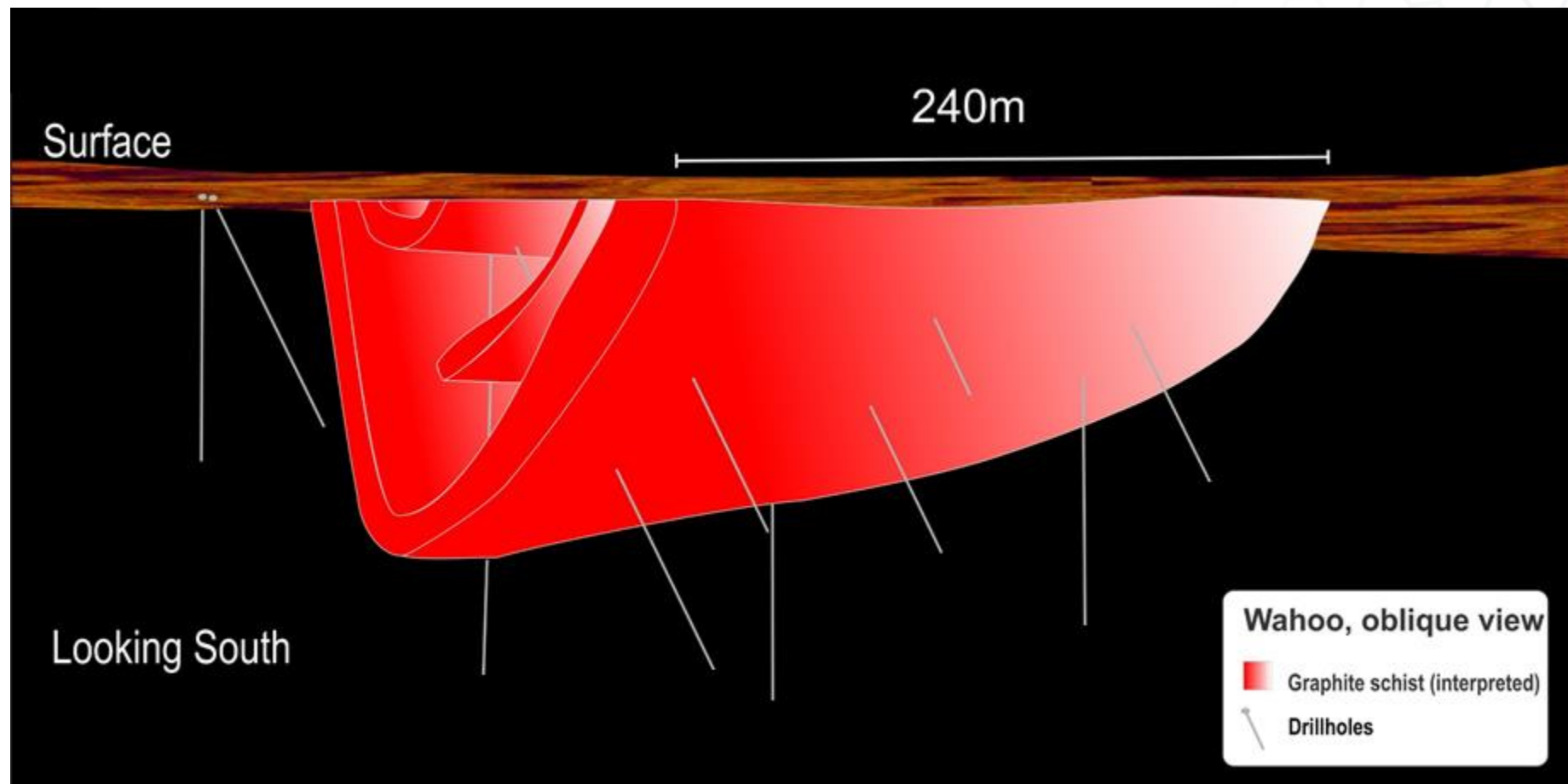
- **Successfully targeted the Large to Jumbo flake graphite associated with large scale folding**



# WAHOO (T4)



- **Bulk Scale Metallurgical test work (100kg of HQ core) has produced a +98% TC concentrate without any acid or chemical leaching and a 92% recovery**
- **Flake graphite at surface and well suited to a low strip ratio / open pit operation**



# WAHOO (T4)

- *Flake graphite schist associated with a regional scale fold hinge*
- *Large to Jumbo Flake Graphite in thin section from Wahoo*

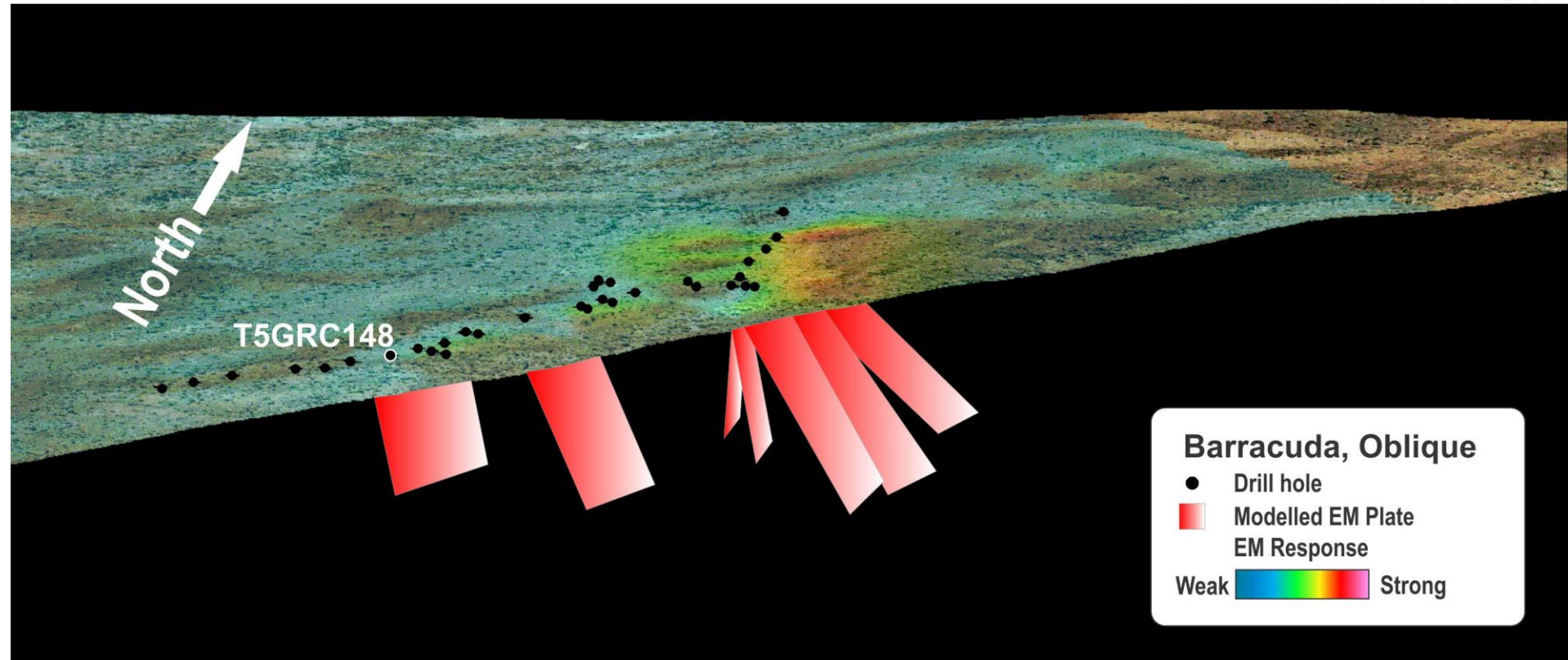




# BARRACUDA (T5)



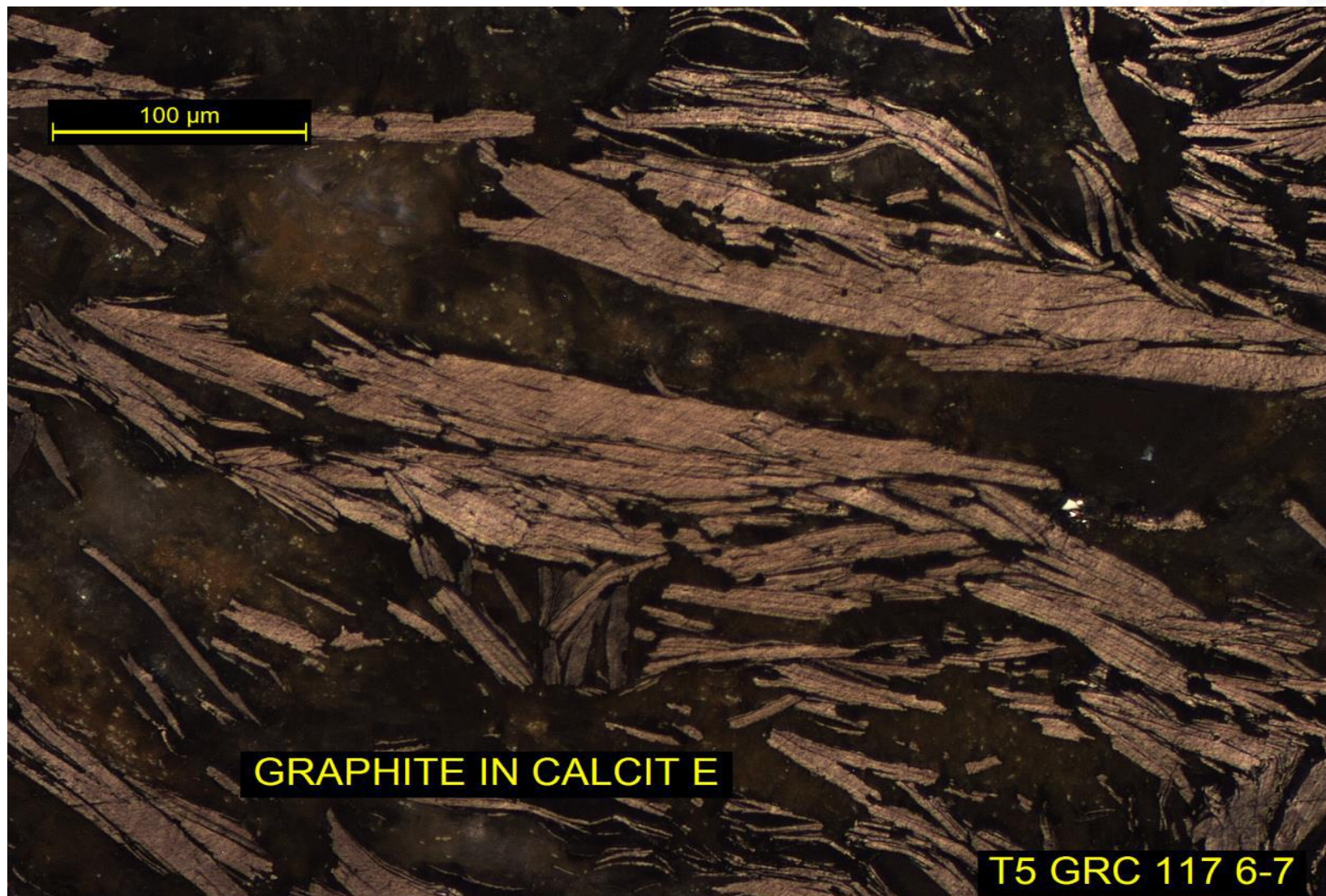
- *Strike length potential in excess of 1 kilometer at Barracuda*
- *Jumbo flake size of 500µm recorded in thin section*





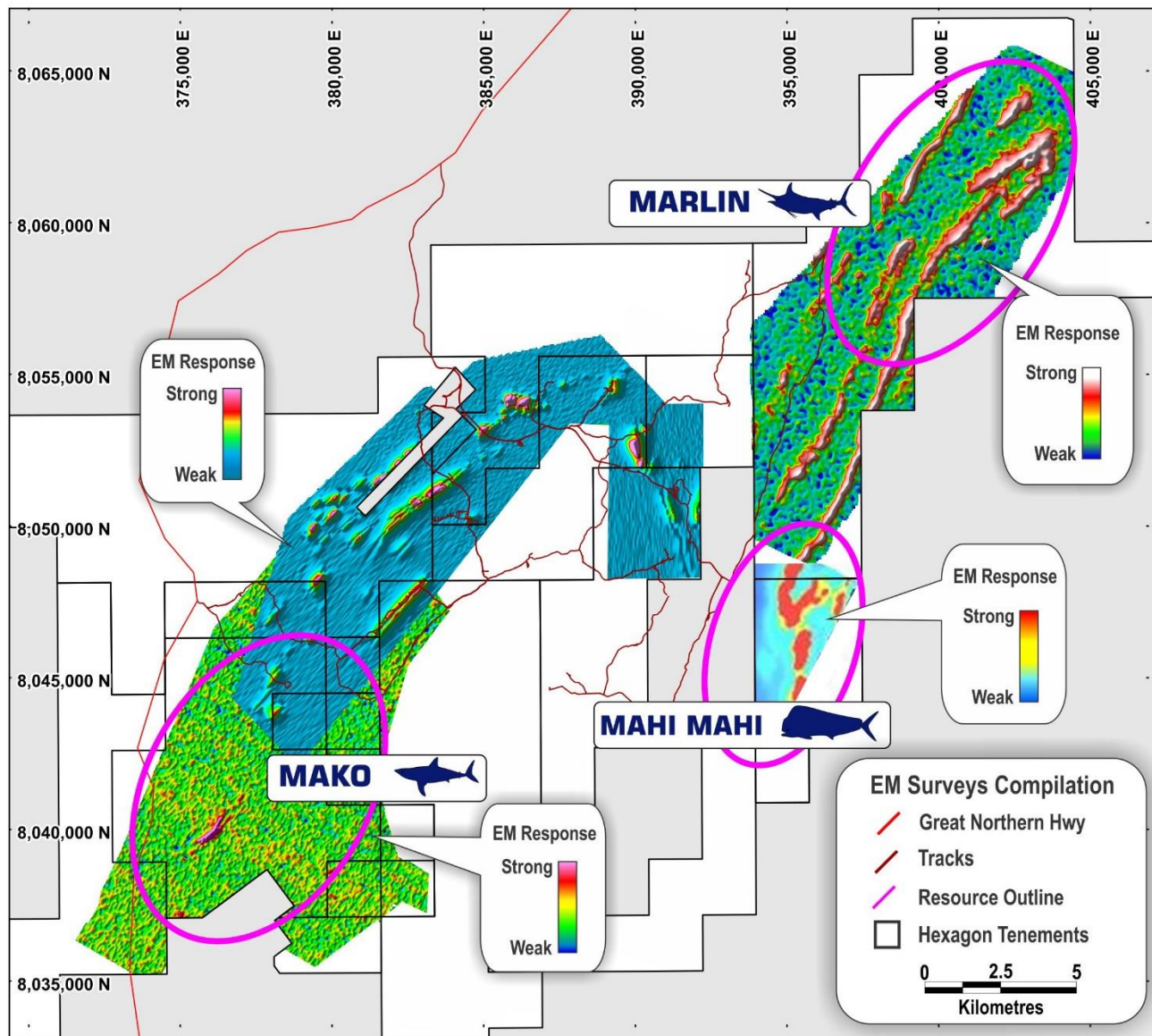
# BARRACUDA (T5)

- *Photomicrograph of Barracuda Flake Graphite mineralisation highlighting in-situ Large to Jumbo size flake graphite within a calcite matrix*





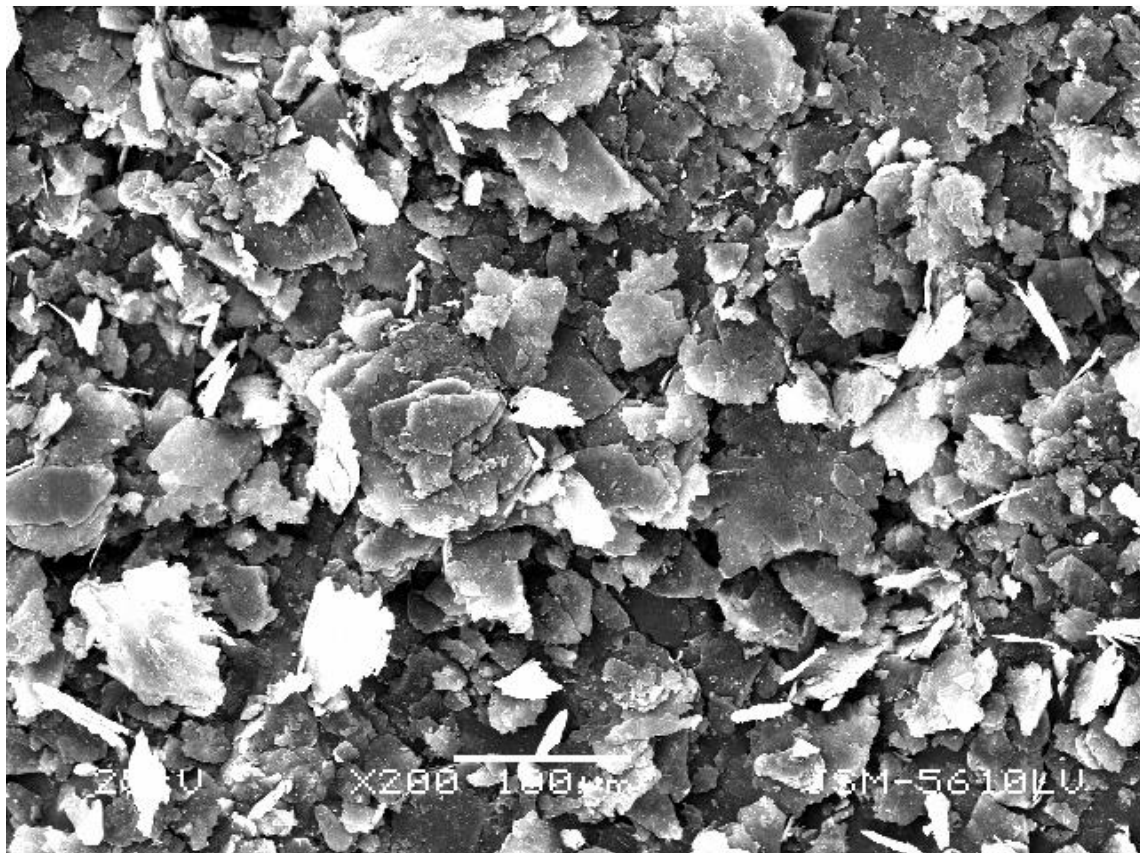
# MCINTOSH GROWTH POTENTIAL



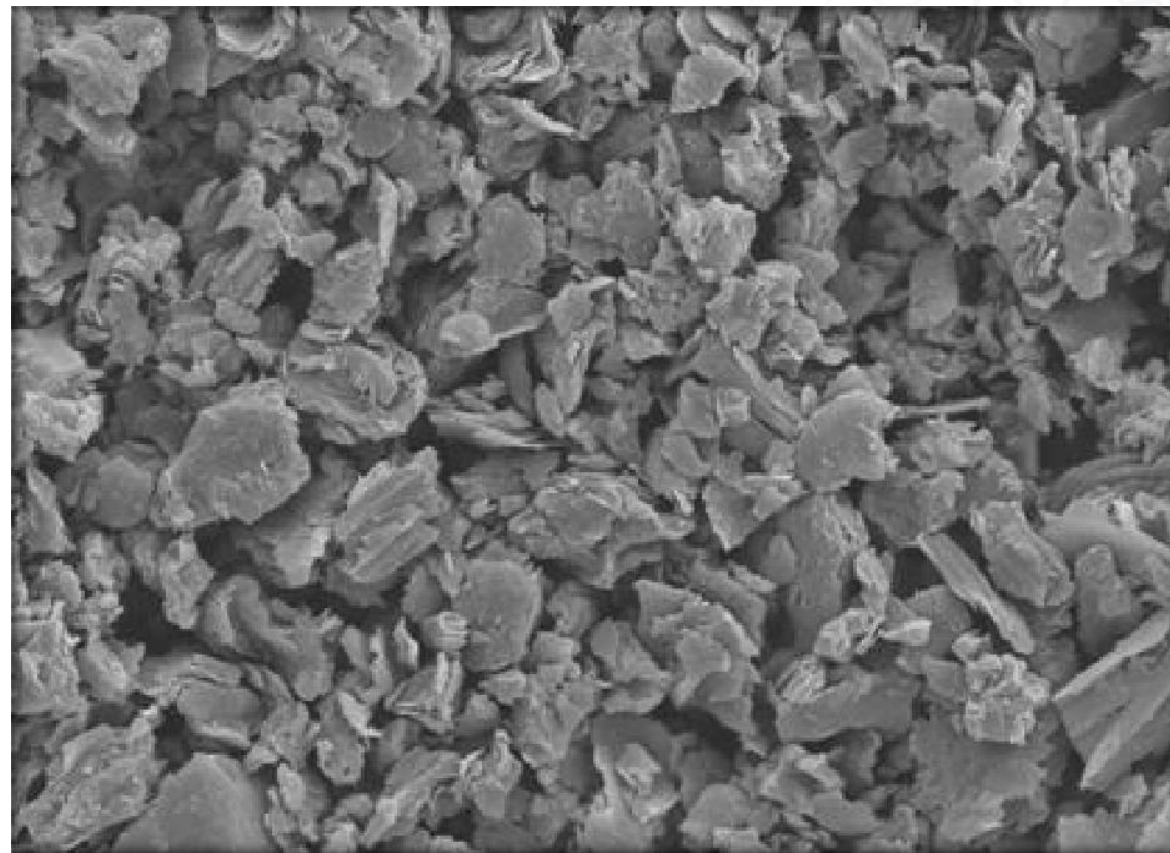
- *EM anomalies at the Marlin, Mahi Mahi and Mako prospects highlight in excess of 35 km of strike length potential for flake graphite*
- *The McIntosh Tenement package contains a total in excess of 50 km of strike length potential for flake graphite*



## Scanning Electron Microscopy



- ***Emperor Flake Graphite Concentrate***
- ***+97% TC with no acid or chemical leaching***

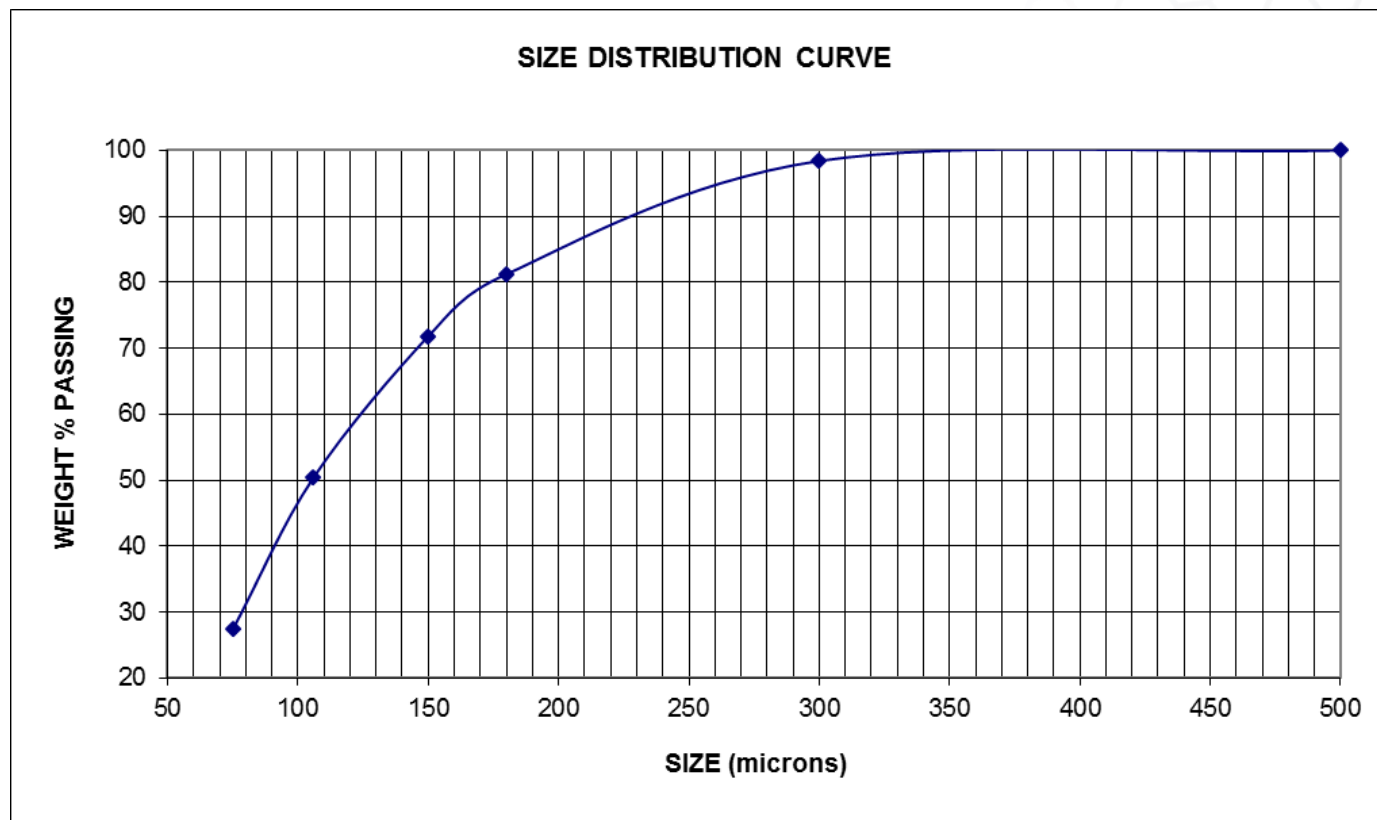


- ***Competitors Coated Synthetic Flake Graphite Concentrate (90.1% TGC)***

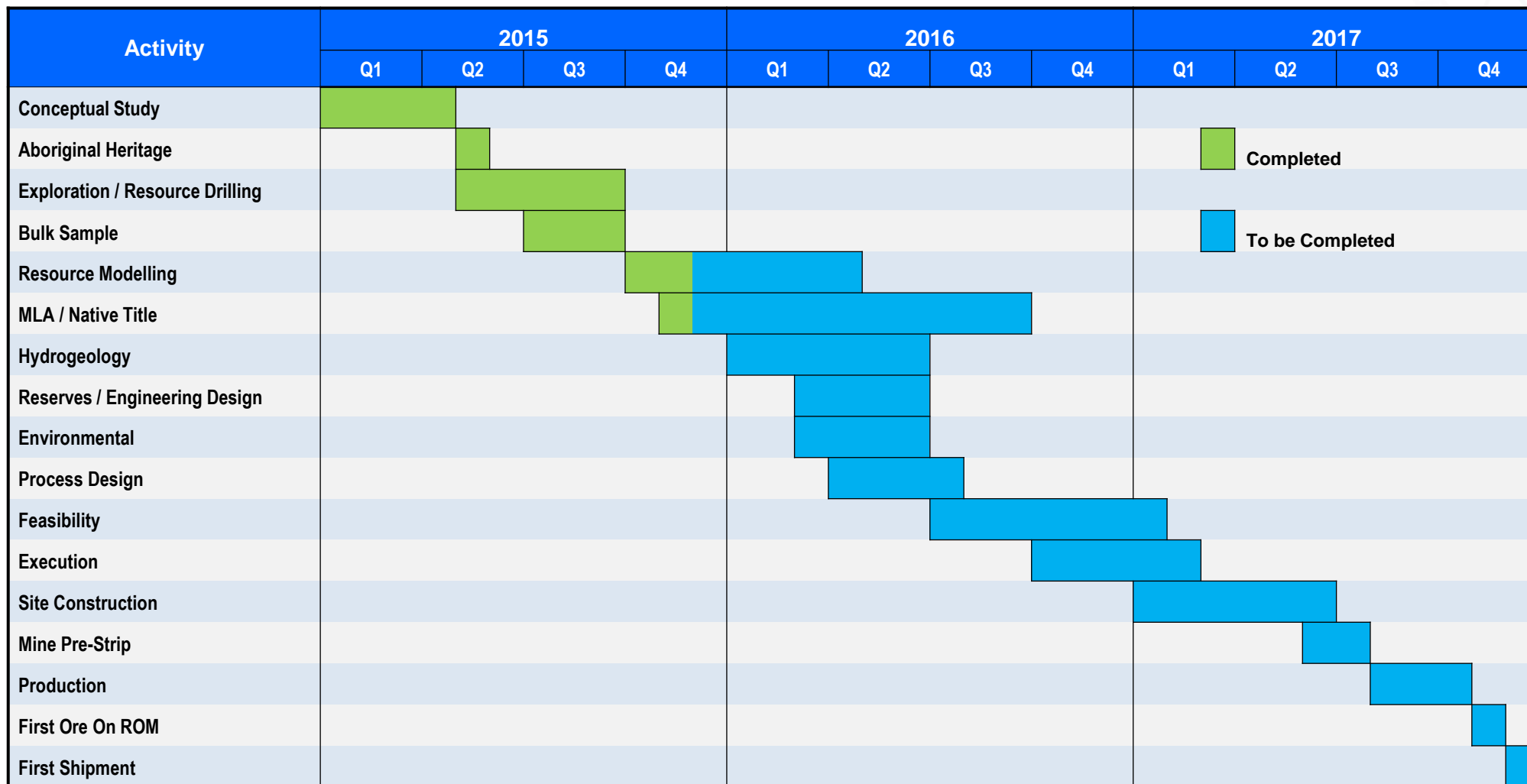


# FLAKE SIZE DISTRIBUTION

- *Flake Size Distribution highlights 20% of concentrate as Large / Jumbo*
- *Spherical graphite particles range from 3 to 50 microns with particle size for lithium ion batteries split into two main categories; the coarse size battery requires spherical graphite with particle size 25 to 50 microns and the fine sizing battery requiring spherical graphite with a particle size 3 to 25 micron.*
- *Large flake size and high purity has McIntosh well suited to production of Spherical Graphite*



# TIMELINE TO PRODUCTION

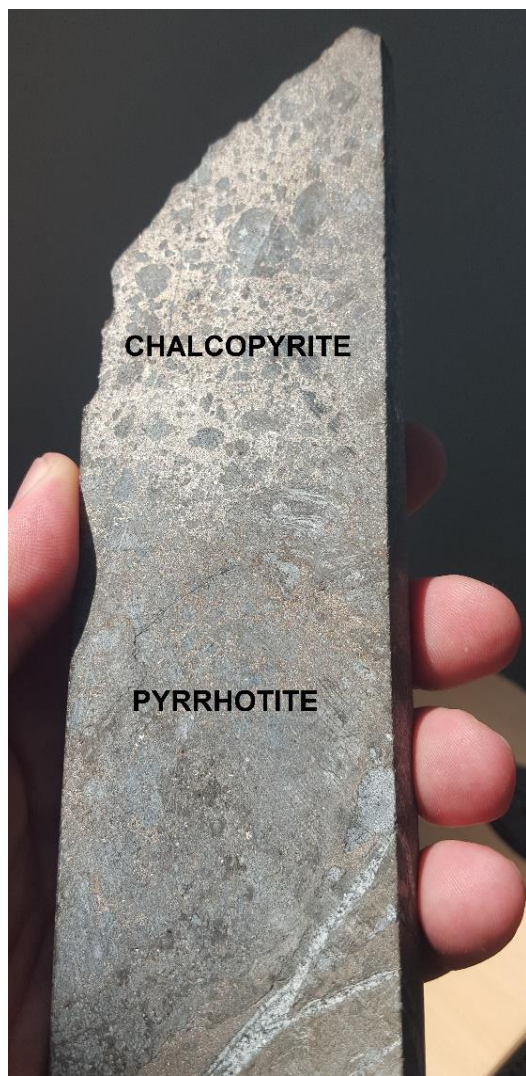




# NEXT STEPS

- **Final Assays and Bulk Metallurgical Test Work**  
*Finalise and Publish Final Diamond Drill Core Assays and Bulk Metallurgical Test Work*
- **Resource Upgrade**  
*Maiden JORC compliant resource for Emperor Q1 2016 & Wahoo Q2 2016*
- **Mining Lease Application**  
*Mine Lease Application for Longtom, Wahoo, Barracuda and Emperor commenced*
- **Native Title Negotiations**  
*Positive relationship with the traditional owner group, the Marlarngowem and their representative body the Kimberley Land Council. Positive outcomes are expected for all parties*
- **Environmental and Hydrogeological Studies**  
*Environmental and Hydrogeological surveys and monitoring have not identified any significant issues to date. Field studies are ongoing*
- **Process Design → Engineering Design → Feasibility → Execution**  
*Clearly Defined Pathway to Production*

# MCINTOSH COPPER / NICKEL POTENTIAL



- *Extension of one diamond drill hole at Wahoo highlighted a significant potential for Nickel / Copper mineralisation*
- *Chalcopyrite and pyrrhotite mineralization logged in HQ diamond core*
- *Not the Company's core focus but a discovery could provide considerable upside*
- *Further detailed mapping followed by a targeted Reverse Circulation (RC) drilling program is being considered for 2016*



# SOUTH KOREA

## Geumam

- *Initial Indicated / Inferred JORC compliant resource of 5.5Mt @ 5.4% Cg for 296,000t contained graphite*
- *Diamond drilling has returned thick intersections expected to add significantly to a resource upgrade*
- *Close proximity to major customers within South Korea*

## Taewha

- *Inferred JORC compliant resource of 170,000 tonnes @ 6.8% Cg*

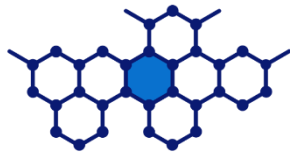
## Samcheok

- *Inferred JORC compliant resource of 200,000 tonnes @ 4.8% Cg*

# CONCLUSION

- ✓ **Superior Graphite Products** – *Targeting a value added product on-site at McIntosh for supply into the booming Li-ion battery market and other products such as Graphene*
- ✓ **Great Metallurgy** – *Simple Floatation can achieve a high grade +97.9%TC Flake Graphite Concentrate with no acid or chemical leaching at high recovery rates*
- ✓ **All Target Areas with Flake Graphite at Surface** – *numerous open pit operations provide operational flexibility*
- ✓ **High Grade / High Purity / High Value** – *crystalline flake graphite combination with Great Access to Market*





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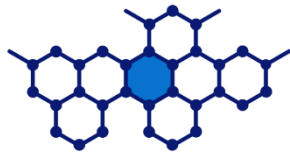
## Competent Persons Statements – Western Australia

Information in this “Company Presentation” relating to Resource Estimates, Exploration Results, Assays, Metallurgy and Geological Data at the McIntosh Project has been compiled by the Head of Operations at Lamboo Resources Ltd, Mr. Anthony (Tony) Cormack who is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience that is relevant to the types of deposits being explored for and qualifies as a Competent Person as defined by the JORC Code 2012. He consents to the inclusion of this information in the form and context in which it appears in this report.

The information relating to the Mineral Resources at the McIntosh Project is extracted from the ASX Announcement as follows:

- ASX Announcement titled ‘Significant Flake Graphite JORC Resource Increase at McIntosh Target 1’ dated 20 January 2014
- ASX Announcement titled ‘Significant Bulk Sample Results at McIntosh’ dated 29 September 2014
- ASX Announcement titled ‘Huge Potential at McIntosh Confirmed by VTEM & 3D Interpretation’ dated 8 December 2014
- ASX Announcement titled ‘McIntosh Project-Target 3 VTEM Results & Target 4 Update’ dated 15 December 2014
- ASX Announcement titled ‘Strategic Presentation to AGM’ dated 19 December 2014
- ASX Announcement titled ‘McIntosh – Significant Flake Graphite Potential at Target 10’ dated 19 January 2015
- ASX Announcement titled ‘McIntosh – Significant Cu/Ni Potential at Target 4’ dated 27 January 2015
- ASX Announcement titled ‘Strong Flake Graphite Potential at Target 11 – 3D VTEM’ dated 9 February 2015
- ASX Announcement titled ‘Significant Added Potential Demonstrated’ dated 23 February 2015
- ASX Announcement titled ‘McIntosh Heritage Clearance Survey - Preliminary Advice’ dated 2 June 2015
- ASX Announcement titled ‘Diamond Drilling Update for McIntosh’ dated 8 July 2015
- ASX Announcement titled ‘Target 4 Drilling and Metallurgical Update’ dated 1 September 2015
- ASX Announcement titled ‘High Quality Flake Graphite in Broad Intersections at T6’ dated 16 September 2015
- ASX Announcement titled ‘Excellent Target 4 Metallurgy’ dated 22 September 2015
- ASX Announcement titled ‘New Assays Expand Target 6’ dated 14 October 2015
- ASX Announcement titled ‘Exceptional Bulk Scale Metallurgical Results’ dated 17 November 2015

The reports are available to view on the Lamboo Resources website [www.lambooresources.com](http://www.lambooresources.com). The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.



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The information relating to Inferred Mineral Resources, Exploration Targets and Exploration Data associated with the Company's projects in South Korea is extracted from the ASX Announcements as follows:

- ASX announcement titled 'Two Additional Mining Rights Granted over the South Korean - Geumam Graphite Project' dated 13 June 2013
- ASX Announcement titled 'Quarterly Activities Report dated 31 July 2013'
- ASX Announcement titled 'Maiden Independent Resource Estimate – Area B Prospect South Korean - Geumam Flake Graphite Project' dated 4 August 2014

The reports are available to view on the Lamboo Resources website [www.lambooresources.com](http://www.lambooresources.com). The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.





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