



*... developing high purity flake for new technologies*

# McIntosh Project Update

May 2015



*. . . developing high purity flake for new technologies*

Investment in Lamboo Resources Limited ("Lamboo" or the "Company") is subject to investment risk, including possible loss of income and capital invested. Neither Lamboo, nor any other member company of the Lamboo Group, nor any director, 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.

# Flake Graphite Growth Markets

- **Market for Lithium-ion batteries** expected to **Grow 4X** by 2020  
(Source: Renewable Energy World, September 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 to 2020  
(Source: CIMB)
- **Demand for Lithium-ion EV batteries in China** to grow by 240% through 2014 to 2015  
(Source: CIMB)

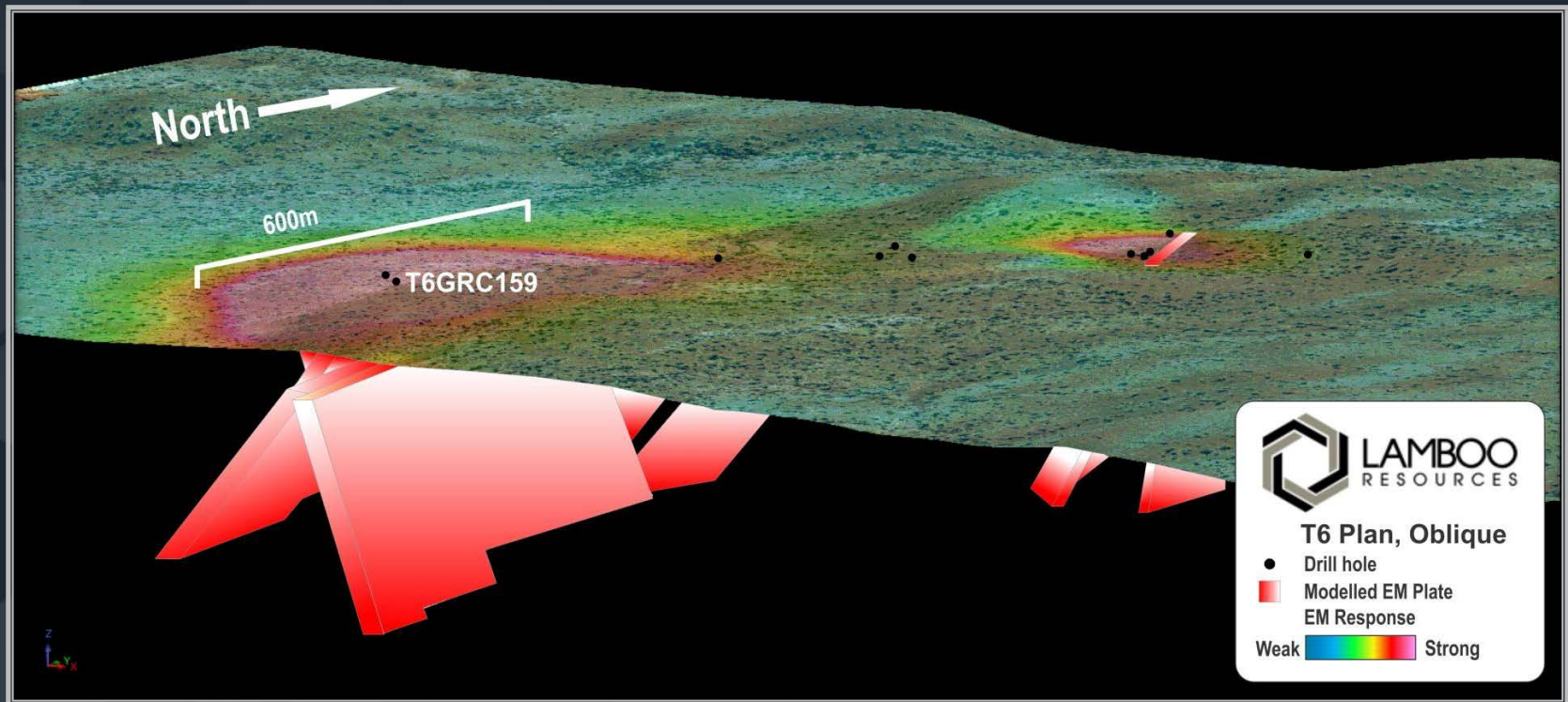
Sizing	Market Terminology	Current 2015 (US\$)	Stormcrow* 2020 (US\$)	% Change 2015 to 2020
>300 µm (+48 Mesh)	Extra Large or 'Jumbo' Flake	\$2,000	\$6,175	310
>180 µm (-48 to +80 Mesh)	Large Flake	\$1,250	\$1,165	-10
>150 µm (-80 to +100 Mesh)	Medium Flake	\$1,000	\$517	-53
>75 µm (-100 to +200 Mesh)	Small Flake	\$800	\$493	-34
<75 µm (-200 Mesh) 80-85%C	Fine Flake	\$450	\$359	-20

# McIntosh Project Summary

- *Heritage Clearance Survey* conducted with representatives of the Marlarngowem and Environmental Heritage and Social Impact Services (EHSIS) between the 22<sup>nd</sup> and 26<sup>th</sup> April 2015, with the *Heritage Clearance Report* expected shortly allowing for on-ground exploration to commence
- *Drilling is scheduled to begin at Targets 5 and 6* focussing on the higher grade and medium to jumbo size flake graphite
- *Substantial upside* exists at McIntosh by exploring for the *medium- to jumbo-sized crystalline flake graphite* identified at Target areas 3, 4, 5 and 6
- New mineralogical work indicates *flake sizes range up to 500µm* length, commonly >200µm at Target 6 with RC grades ranging up to 18.70% TGC
- Recent *heavy liquid separation* test work also highlights the potential for *clean separation of the crystalline flake graphite* which is *free of deleterious inclusions*
- Drilling at Target 4 will also focus on the *thick and highly conductive* model plates interpreted as *prospective for copper and nickel*

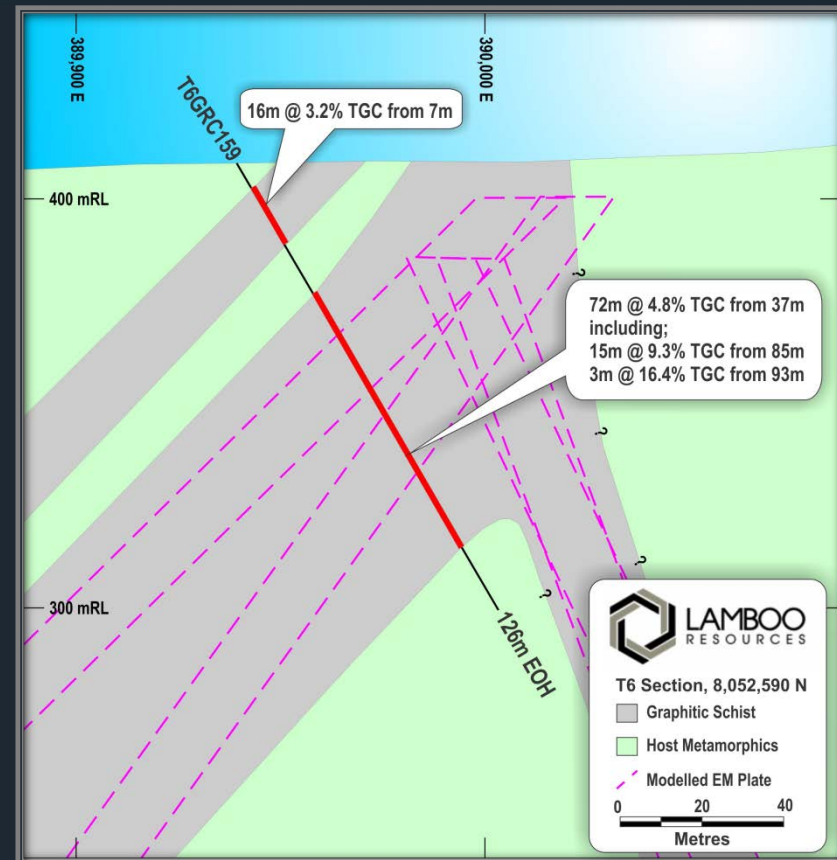
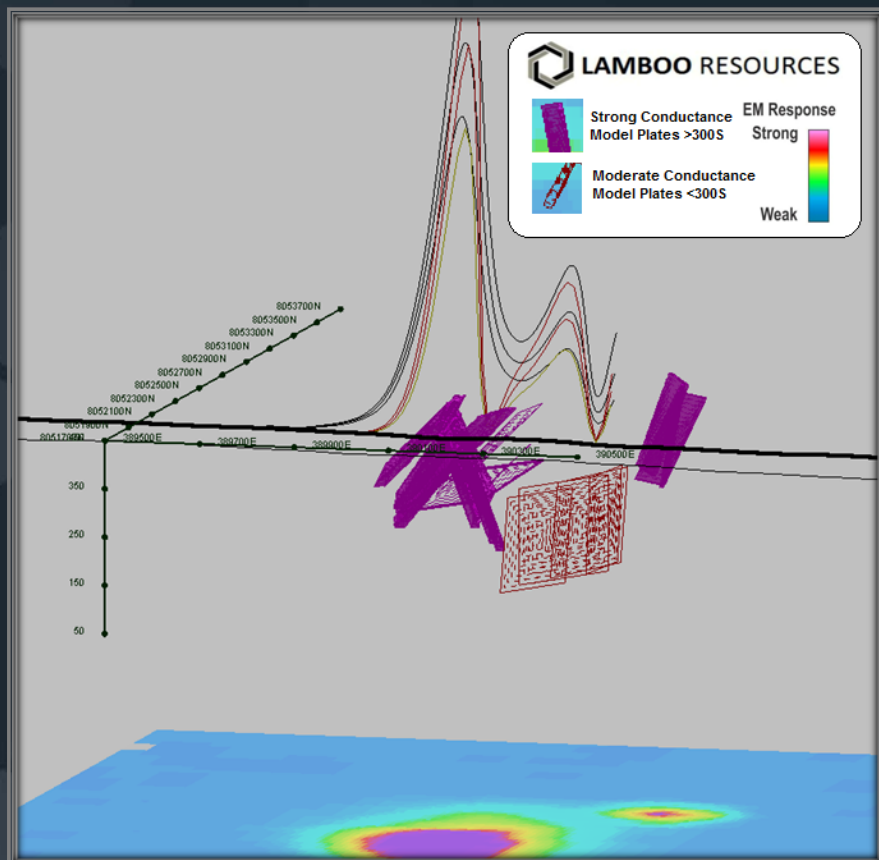


# McIntosh Target 6



- Strike length potential in excess of 1.5 kilometres
- Highest grades to date (18.10%TGC) with in-situ jumbo flake >2000µm (2mm) recorded
- Outcropping graphitic schist with thickening of the graphitic schist unit associated with regional folding

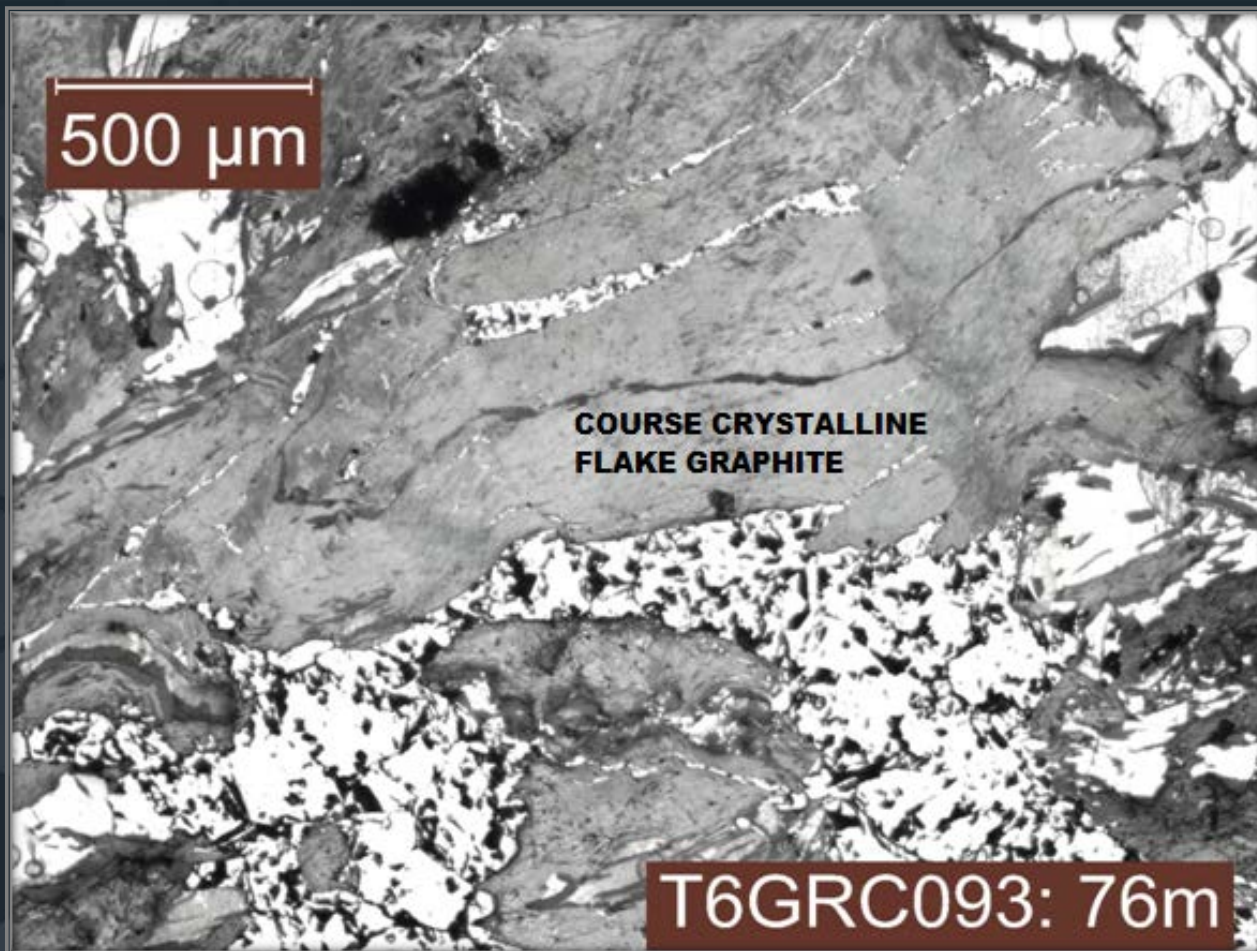
# McIntosh Target 6



- Large scale, highly conductive model plates displaying an outcropping antiformal structure at T6

- Interpreted VTEM model plates with the RC flake graphite intercepts.

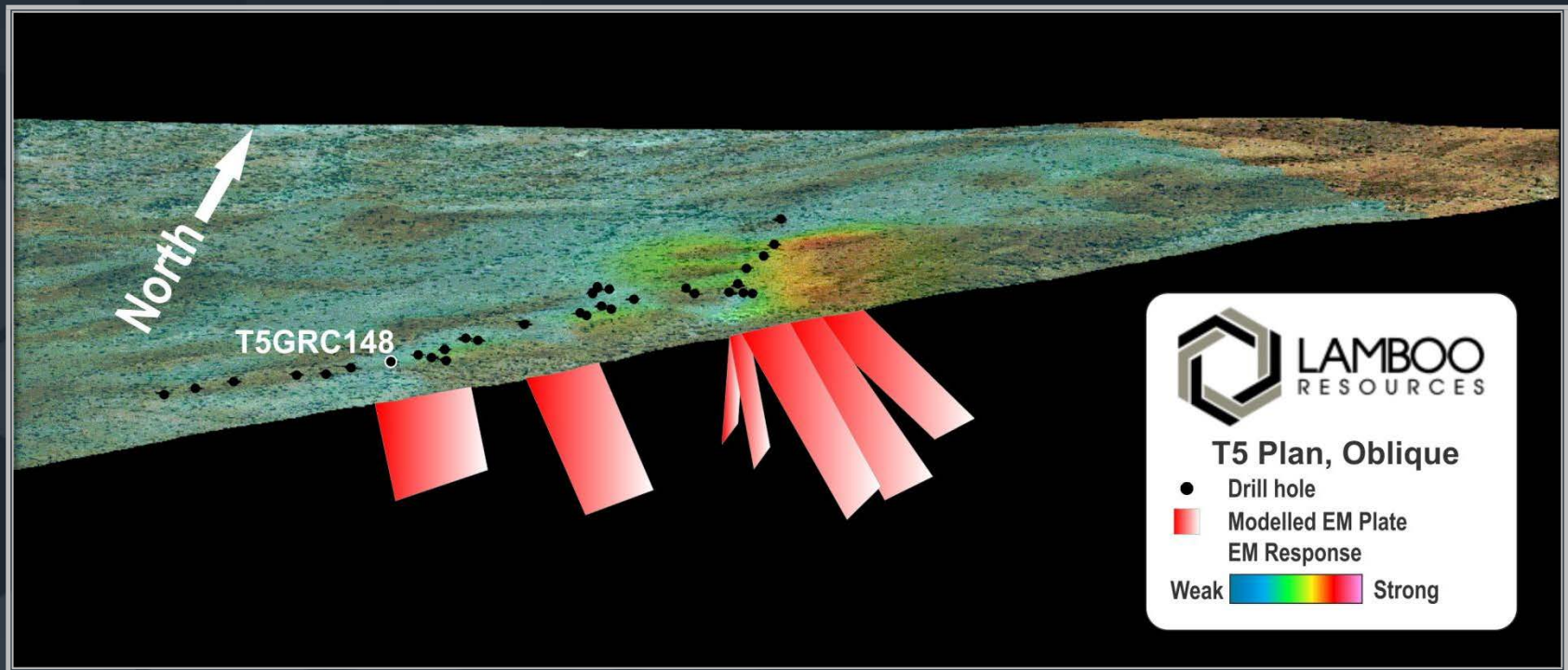
## Target 6 Metallurgy



Coarse Crystalline Flake Graphite from RC chips in drill hole T6GRC093 (76m) at Target 6  
The photomicrograph shows a jumbo sized graphite flake which is in excess of 2,000 $\mu\text{m}$  (2mm)



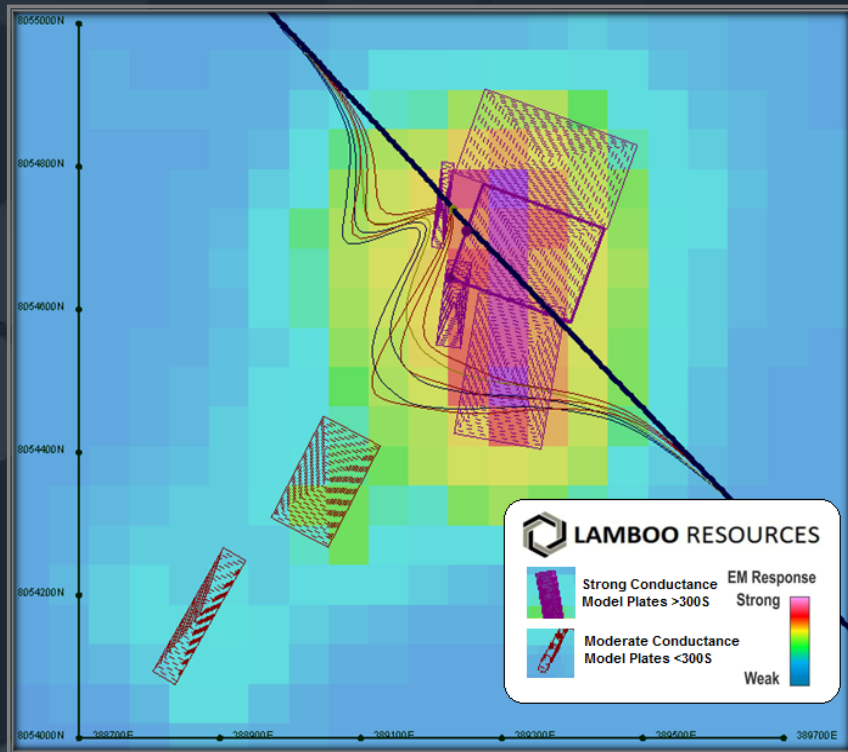
# McIntosh Target 5



- Strike length potential in excess of 1 kilometre
- Thickening of the graphitic schist unit associated with regional folding
- Jumbo-flake size of 500µm recorded



# McIntosh Target 5

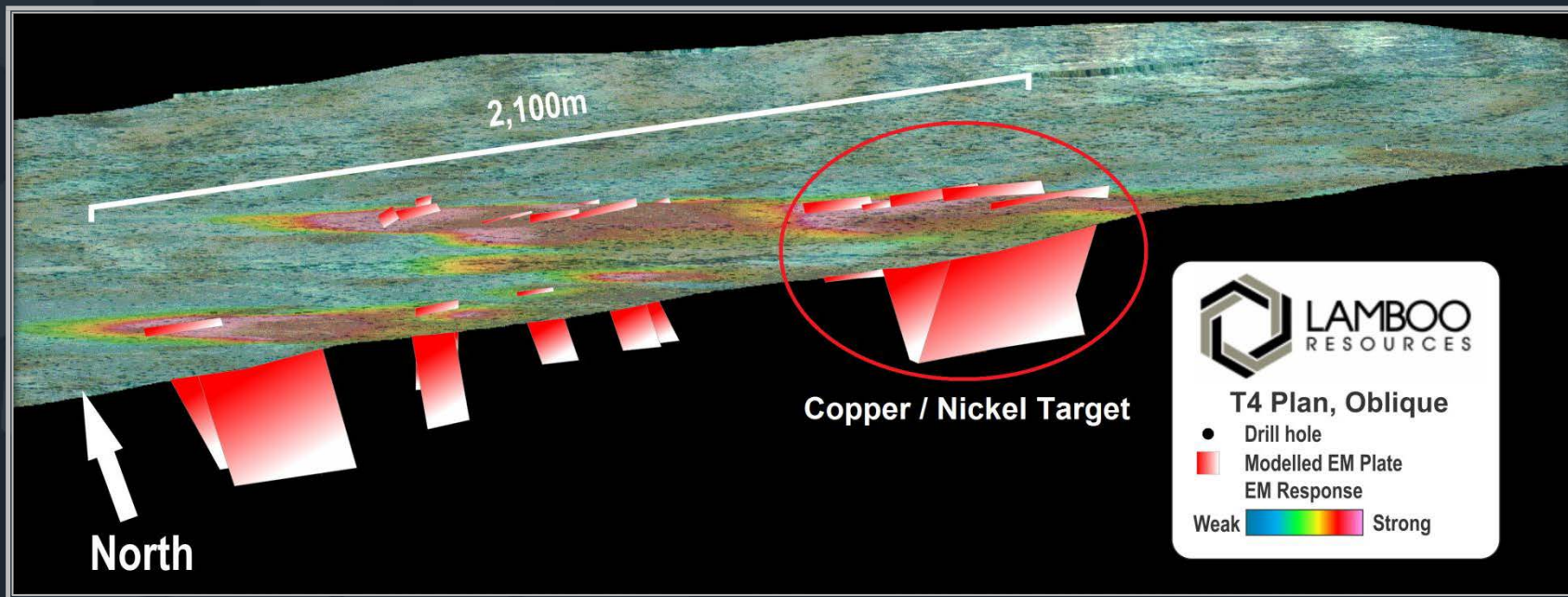


- Large scale interpreted model plates displaying an outcropping antiformal structure at Target 5



- Photomicrograph of the T5 prospect showing in-situ large to jumbo size flake graphite in a calcite matrix.

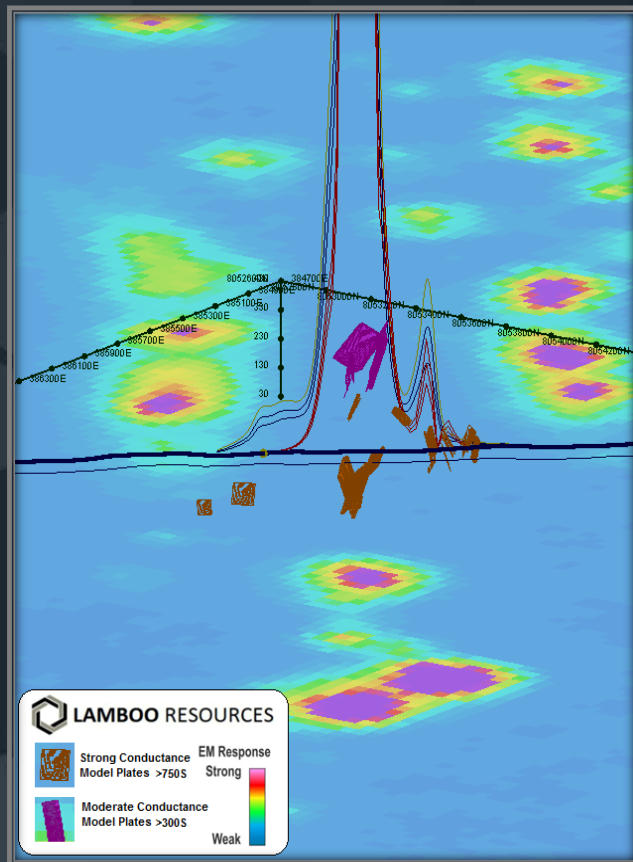
# McIntosh Target 4



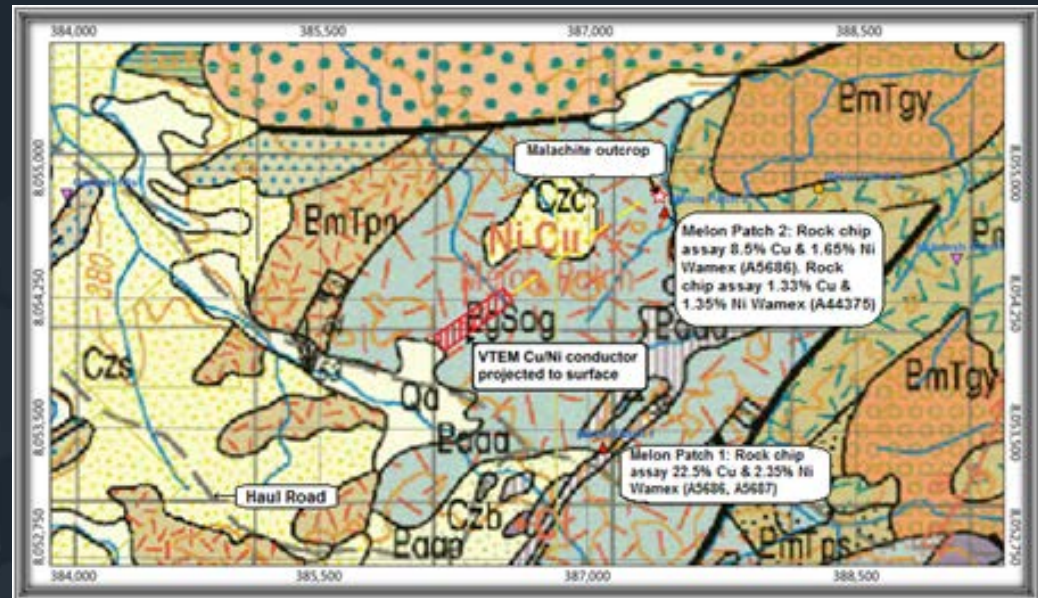
- Strike length potential in excess of 2 kilometres
- Very high conductance levels at >750S from VTEM Survey
- Strong potential for Copper / Nickel mineralisation
- Significant historical soil geochemistry / rock chip assays



# McIntosh Target 4

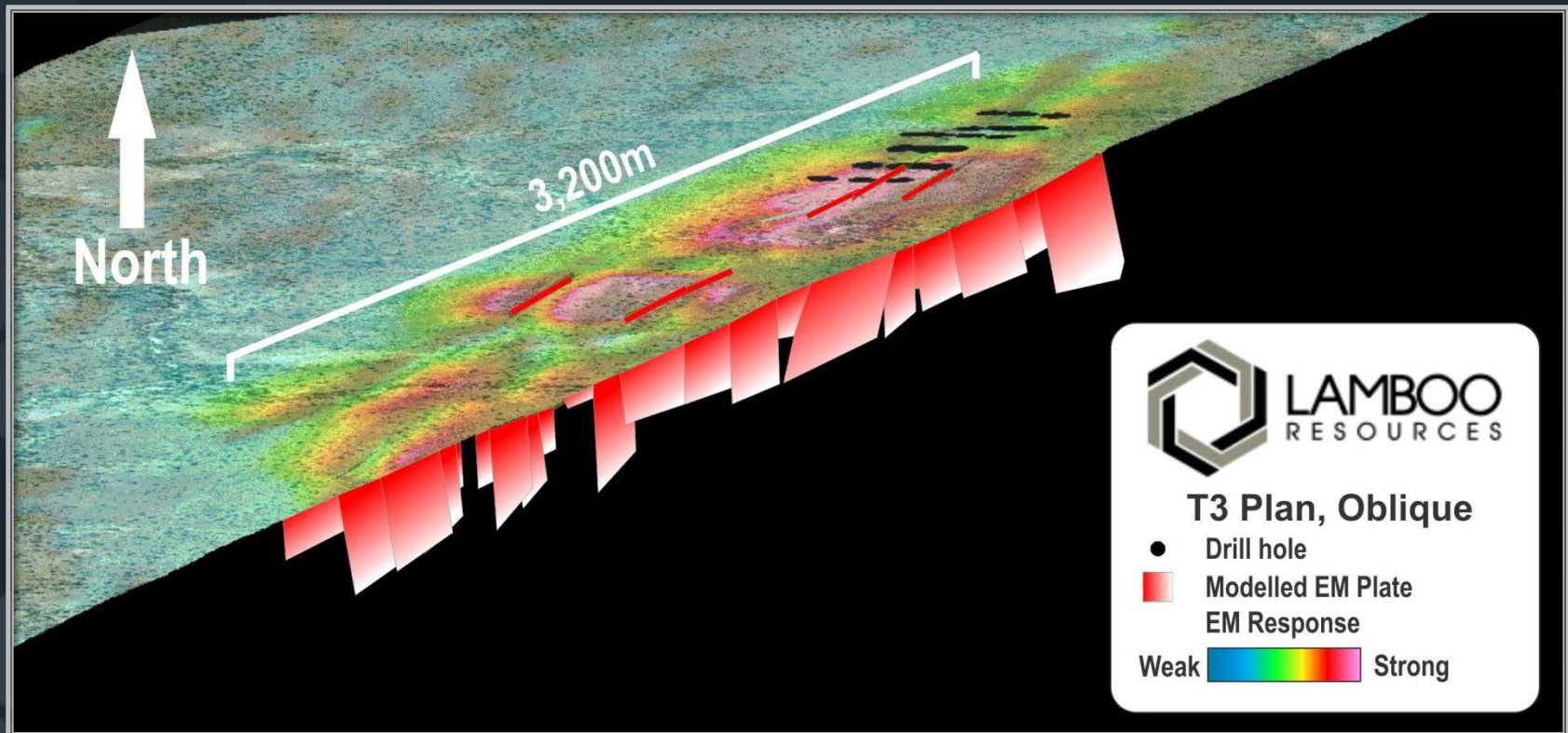


- Large scale, highly conductive model plates displaying an synformal structure at T4



- Geological mapping of the T4 prospect (1:100,000) with VTEM plate projected to surface
- Malachite in a rock chip sample taken from the T4 prospect

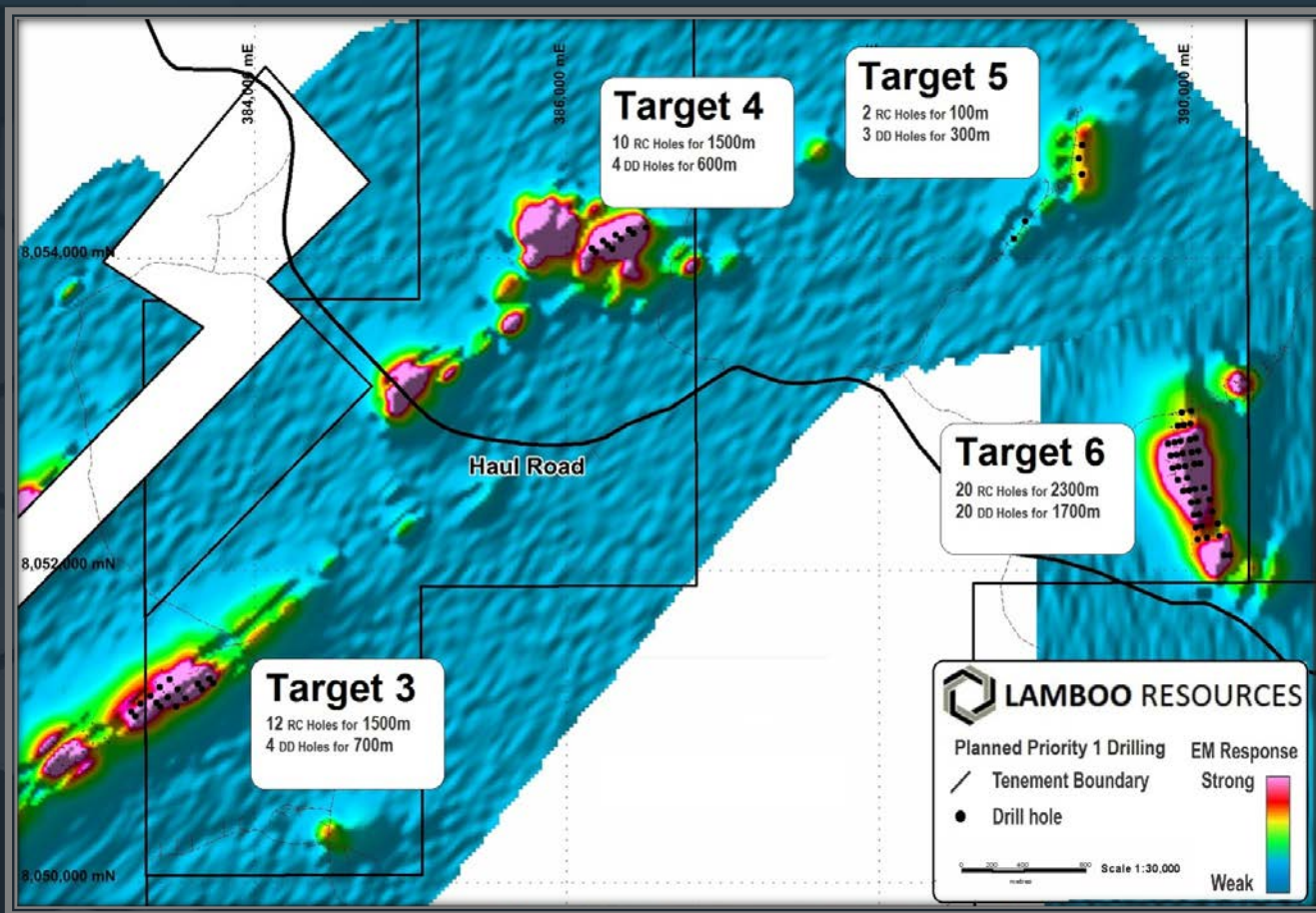
# McIntosh Target 3



- Strike length potential in excess of 3 kilometres
- Strong conductance values of >300S from VTEM survey
- Thickening of the graphitic schist unit associated with regional folding



# McIntosh Drilling Program



- An initial 5,000m drilling program will focus on the large scale, highly conductive VTEM anomalies at Targets 6, 5, 4 and 3, targeting the medium to jumbo flake graphite.
- Drilling is targeting an additional 20-30Mt of combined resource at Targets 5 and 6.

# Corporate Information & Contacts

## **LAMBOO RESOURCES LIMITED**

ABN 27 099 098 192

ASX : LMB

## **CORPORATE OFFICE**

Level 6, 344 Queen Street  
Brisbane QLD 4000

## **OPERATIONS OFFICE**

Unit 2, 7 Packard Street  
Joondalup WA 6027  
Telephone: +61 8 9301 1047

## **INTERIM CEO / HEAD OF OPERATIONS**

Tony Cormack  
0427 349 451  
tony@lambooresources.com

## **INVESTOR RELATIONS**

Ken Banks  
0402 079 999  
kbanks@bigpond.net.au

[www.lambooresources.com](http://www.lambooresources.com)



*... developing high purity flake for new technologies*

#### **Competent Persons Statements – Western Australia**

Information in this "Company Presentation" relating to Exploration Results 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 'Positive Conceptual Study Results' dated 15 April 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.