**Corporate Structure** 

Shares 27.870.000

Options 9,000,000

Perf Rights 5,000,000

Cash \$2.0m

ASX Code - BBR

Directors

Patrick Ford Non-Exec Chairman

Chris Cowan Executive Director

Nelson Reynolds Non-Executive Director

Andrew Johnstone Non-Executive Director

Nathan Young Non-Executive Director

Highlights

- 75% interest in Matale Graphite Project, near Kandy, Sri Lanka
- Matale Project is adjacent to the historical Kahatagaha Graphite Mine, which has operated since 1872 and produced >300,000 tonnes of highgrade graphite
- Sri Lanka hosts some of the world's highest grade graphite – averaging +90% total graphitic carbon (TGC). Global average grade is 15% TGC
- Matale Project is wellpositioned to capitalise on export markets in China, Japan, South Korea and India



# ASX Announcement - 6th JUNE 2014

# EXCLUSIVE & PIONEERING GRAPHENE COMMERCIALISATION MEMORANDUM OF UNDERSTANDING SIGNED WITH MONASH UNIVERSITY

## **KEY HIGHLIGHTS**

- Exclusive Memorandum of Understanding signed with Monash University to develop a commercialisation plan for the intellectual property invented by leading Australian graphene expert Professor Dan Li
  - Patented technologies with potential applications in energy storage devices, membrane nanofiltration, biomedical engineering, sensors, nanocomposites and other technologies
- Initial focus on developing cost-effective applications of the patents through partnering with industry players
- Collaborating with Prof Li's team for the development of next generation graphene-based materials using high-quality Sri Lankan graphite
  - BBR will exclusively supply Sri Lankan graphite to Prof Li's team for ongoing research and development into graphene

Graphite Explorer, Bora Bora Resources (ASX: BBR) is pleased to announce that it has entered into a binding Memorandum of Understanding (MOU) with Monash University in relation to the commercialisation of 3 patents invented and developed by renowned Australian graphene expert Prof Dan Li and his team in relation to large-scale applications for the newly discovered wonder material.

The MOU gives the Company the exclusive right to develop a commercialisation plan in conjunction with Monash University for each of the 3 patents developed by Prof Li and his team, by targeting end users and applications, consulting with industry players and other potential investors, and developing a business plan and commercialisation strategy for applications of Prof Li's cutting edge research.

Bora Bora Resources will collaborate closely with Prof Li and his team to explore new applications of Sri Lankan vein graphite and develop next-generation graphene-based materials and technologies.

Bora Bora Resources will exclusively supply Sri Lankan graphite to Prof Li's team for ongoing research and development into graphene.

## **Technology Overview**

Graphene's unique combination of extraordinary electrical, mechanical, chemical and thermal properties combined with its high specific surface area makes it highly promising to enable new disruptive technologies in a wide range of fields.

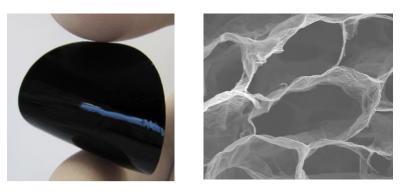


Figure 1: Graphene-based gel film and foam fabricated using Prof Li's inventions

Using natural graphite as the starting material, Prof Dan Li's group at Monash University has developed a chain of platform technologies for cost-effective, scalable synthesis/processing and multi-scale structural engineering of graphene-based macroscopic materials. Prof Li's recently developed graphene gel-based films and foams (see Figure 1) incorporate well-designed hierarchical structures with potential applications in energy storage/conversion, membrane separation, biomedicine, ultrasensitive sensors and aerospace materials.

Prof Li's team has already shown, through his work on prototype thin-film supercapacitors, that multi-layered graphene gel films can allow for the production of cost-effective, ultrafast, high capacity, long-cycle-life and compact energy storage devices.

While many graphene start-ups focus on the production of graphene powders, Prof Li's inventions provide a complete chain of techniques for scalable applications of graphene, ensuring high economic viability. In particular, this allows rational integration of synthesis, processing and structural design of graphene material, providing a unique technology platform to enable new innovations in many

technological areas. For further details on Prof Li's research, please refer to Prof Li's Monash University webpage <a href="http://users.monash.edu.au/~lidan/index.htm">http://users.monash.edu.au/~lidan/index.htm</a>.

### Executive Director, Mr Chris Cowan commented:

"With the demand for high quality graphite and graphene continually increasing, the signing of this MOU provides further validation of the Company's strategy to focus on ultra high grade, high quality, graphite projects that are suitable for the production of graphene and usage in high value-added applications. These exceptional products sell at a premium multiple well in excess of what standard graphite producers receive for their end product. It is pleasing that Prof Li has chosen Bora Bora Resources as Monash University's exclusive partner in commercialising these graphene discoveries."

Samples of Sri Lankan vein graphite were previously supplied to Monash University by Bora Bora Resources and formed the basis for negotiating and entering into the MOU and exclusive joint venture.

Bora Bora Resources is restricted by confidentiality from providing further details around the key terms of the MOU and joint venture, however the initial commercialisation strategy and business plan will be developed jointly by the Company, Monash University's graphene research team lead by Prof Dan Li, and Monash University's commercialisation team lead by Dr David Lyster.

With the graphene technology race rapidly gaining momentum, Bora Bora Resources is now well positioned through this MOU to lead at the forefront of the predicted boom in graphene commercialisation.

## **Further information**

Details of Bora Bora Resources' projects are available at the Company's website <u>www.boraboraresources.com.au</u>

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#### **About Monash University**

Established in 1958, Monash University (Monash) is the youngest member of the highly-regarded "Group of Eight" Australian universities. In just over fifty years it has grown to become the largest university in Australia, renowned for its outstanding education, transformative research, global reach and extensive alumni network (now extending to more than 250,000 members across the world).

Monash considers education and research from a global perspective. In addition to five campuses in Australia, Monash has campuses in Malaysia and South Africa, a centre in Italy, a joint graduate school in China, a joint research facility in India, and a strategic alliance with the University of Warwick in the UK.

The desire to make a difference guides everything Monash does, not least of all its research. Already widely known for achievements in areas like health, accident prevention, light metals, sustainability and chemistry, Monash researchers are committed to research which has an impact well beyond the academic sphere.

#### **About Bora Bora Resources**

Bora Bora Resources Limited (ASX: BBR) is a Sydney-based graphite exploration company focused on the Matale Graphite Project in Sri Lanka. BBR was listed on the Australian Securities Exchange on 11 May 2012.

BBR has acquired a 75% interest in the Matale Graphite Project near Kandy in Sri Lanka, through a deal with Plumbago Mining Pty Ltd announced in 2012. The Matale project is situated on 145km<sup>2</sup> of tenements and applications surrounding the historic Kahatagaha Graphite Mine (KGM), which has operated since 1872 and produced more than 300,000 tonnes of high-grade graphite. BBR has added to its Sri Lankan graphite project portfolio with the granting of licences for the Paragoda North and Paragoda South Graphite Projects in central Sri Lanka.

BBR has also established a graphite project portfolio in southern Sri Lanka with the Baduraliya, Neluwa and Ambalangoda Graphite Projects.