

# Diggers & Dealers Mining Forum 2017

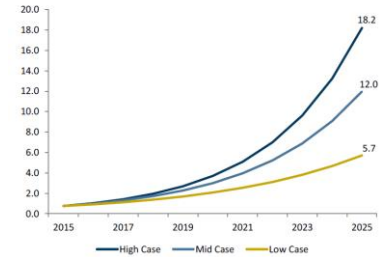


**BATTERY**  
MINERALS



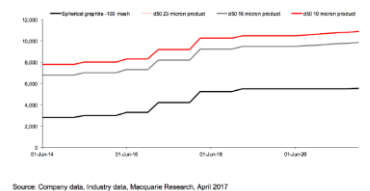
# WHY?

Figure 2: Projected annual sales of EVs in 2025 (million vehicles)



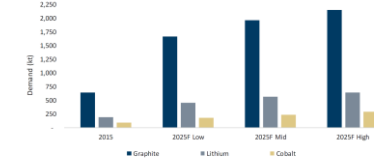
Source: IEA, IRENA, Bloomberg NEF, Company Reports, Avicenne Energy

Fig 17 Forecast spherical graphite prices (US\$/t)



Source: Company data, Industry data, Macquarie Research, April 2017

Figure 8: Current and forecast annual total demand for graphite, lithium and cobalt



Source: Company reports, CRU, Argonne estimates

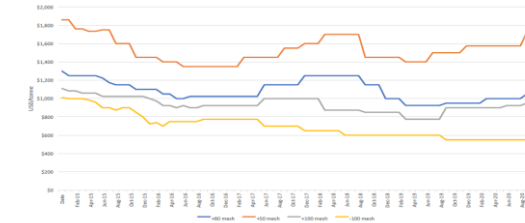
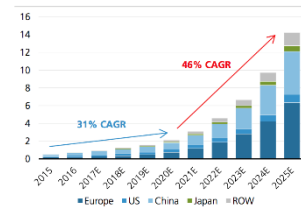
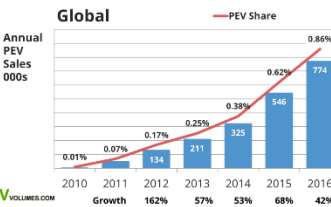
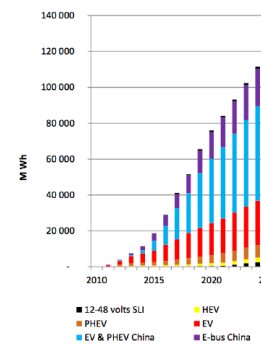


Figure 22: EV sales by region (m units)

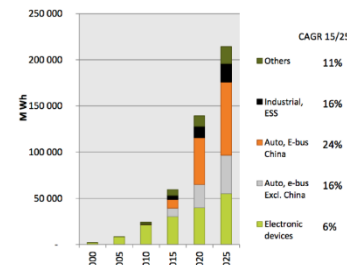


Source: IHS estimates

Li-ion for EV, HEV & P-HEV  
Battery needs (MWh)  
CAGR 2015-2025: +21%



EV VOLUMES.COM



Others: medical devices, power tools, gardening tools, e-bikes...  
Source: AVICENNE Energy 2016

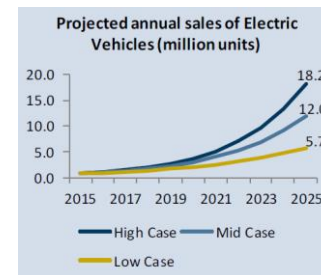
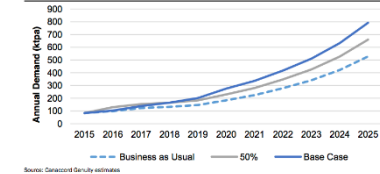
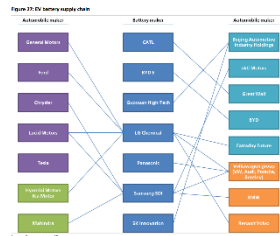


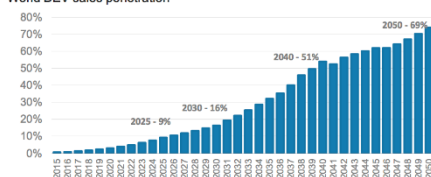
Figure 39: Natural Flake Demand from the Li-ion battery market



Source: Connected Supply estimates



World BEV sales penetration



- Long life high grade deposits
- EV/LiB/Graphite outlook very positive - expect a spike
- Pro-development government
- Time to production
- Infrastructure access
- Shareholder value
- Terrific business opportunity

# WHAT?



# Montepuez: Advanced Graphite Project

- Probable Ore Reserve **41.4Mt @ 8.8% TGC @ 4% TGC cut-off**
- Indicated & Inferred Resource **105.9Mt @ 7.74% TGC @ 2.5% cut-off** with expansion opportunities
- Construction to start Q1 2018 and first exports Q2 2019



# WHO?

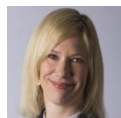
# Corporate Overview



**David Flanagan**  
Executive Chairman



**Jeff Dawkins**  
Chief Financial Officer



**Cherie Leeden**  
Exec Dir Tech & BD



**Andy Cardoso**  
Mozambique Country Director



**Brett Smith**  
Non Exec Director



**Regina Molloy**  
GM Geology



**Gilbert George**  
Non Exec Director



**Naomi Scott**  
General Counsel



**Paul Glasson**  
Non Exec Director



**Stephen Wood**  
Joint Co-Sec



**Tony Walsh**  
Joint Co-Sec & Corporate



**George Gao**  
GM China



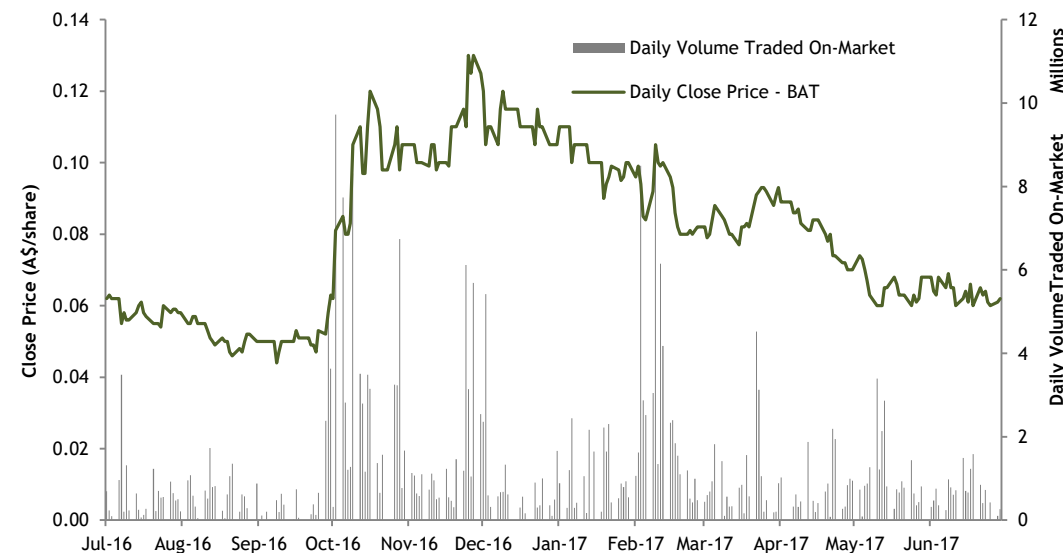
**Graham Fyfe**  
GM Spherical Project



**Steven Cancio-Newton**  
Exploration Manager

*“significant depth of experience in development, construction, operations and corporate”*

## Share Price



## Capital Structure

Shares on Issue	430,062,783
Board and Management	>10% fully diluted
Share price (as at 14 July 2017)	7.3cps
Market Capitalisation	\$31.4 million
Cash at bank (30 June 2017)	\$5.4 million
Enterprise Value	\$25 million
Top 20 Shareholders	43%

# WHEN?



- 2H 2017 - Mozambique mining licence granted
- 2H 2017 - Early stage site works, roads and minor civils
- 1Q 2018 - Spherical Graphite DFS and Bulk sample process complete
- 1H 2018 - Regulatory Approval
- 1H 2018 - Commence construction
- 1Q 2019 - First Exports

# Disclaimer & Competent Persons Statement



## Forward Looking Statements

- Statements and material contained in this Presentation, particularly those regarding possible or assumed future performance, resources or potential growth of Battery Minerals Limited, industry growth or other trend projections are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Such forecasts and information are not a guarantee of future performance and involve unknown risk and uncertainties, as well as other factors, many of which are beyond the control of Battery Minerals Limited. Information in this presentation has already been reported to the ASX.

## Competent Persons Statement

- All references to future production and production & shipping targets and port access made in relation to Battery Minerals are subject to the completion of all necessary feasibility studies, permit applications, construction, financing arrangements, port access and execution of infrastructure-related agreements. Where such a reference is made, it should be read subject to this paragraph and in conjunction with further information about the Mineral Resources and Ore Reserves, as well as the relevant competent persons' statements.
- Any references to Ore Reserve and Mineral Resource estimations should be read in conjunction with the competent person statements included in the ASX announcements referenced in this presentation as well as Battery Minerals' other periodic and continuous disclosure announcements lodged with the ASX, which are available on the Battery Minerals' website.
- The information in this report that relates to Battery Minerals' Mineral Resources or Ore Reserves is a compilation of previously published data for which Competent Persons consents were obtained. Their consents remain in place for subsequent releases by Battery Minerals of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent.
- The information in this Presentation that relates to Mineral Resources and Ore Reserves is extracted from the ASX Announcement titled 'Montepuez Graphite Project Mineral Resource and Ore Reserve Estimate' dated 15 February 2017 and DFS and PFS information is extracted from the ASX announcement entitled 'Lithium Ion Battery anode PFS and Montepuez Graphite DFS confirm robust economics' dated 15 February 2017, both of which are available at Battery Minerals website at <http://www.batteryminerals.com.au> in the ASX announcement page.
- Battery Minerals confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the market announcements continue to apply and have not materially changed. Battery Minerals confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

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