# **DRILLING HOLES IN ELEPHANT COUNTRY**

BATTERY

MINERALS

AMEC Investor Series 26<sup>th</sup> October 2021

# Presentation Summary

- 1. Corporate snapshot
- 2. Tirupati Graphite agreement, Mozambique
- 3. Stavely-Stawell Copper Gold Project, Victoria
- 4. Russells Copper Project, Western Australia
- 5. Next Steps

#### SHARE PRICE FOR THE LAST 12 MONTHS



CAPITAL STRUCTURE	
Shares on Issue (ASX Code: BAT)	2,102M
Board and Management	>5% fully diluted
Share price (as at 25 October 2021)	1.4cps
Market Capitalisation (as at 13 September 2021)	\$29.4 million
Cash at bank (as at 30 June 2021)	\$4.6 million
Enterprise Value (pre completion of Tirupati Graphite agreement)	\$24.8 million
Top 20 Shareholders	49.8%
Listed Options (ASX Code: BATO 10 cents exercise price, expire 23/7/23)	274.5 million
Option price (ASX Code BATO)	0.3 cps

# **TIRUPATI GRAPHITE (TPG) – Transaction Summary**

(Please also see ASX release dated 17<sup>th</sup> August 2021)



1. A\$12.5M in cash and shares to Battery Minerals Limited (BAT)

- a) A\$1.5M cash and A\$11M in TPG shares
- b) A\$5.5M TPG shares 8 months escrow from completion
- c) A\$5.5M TPG shares 20 months escrow from completion
- 2. BAT retains additional ~A\$1.5M in Mozambique VAT refunds
- 3. Completion now only subject to transfer approval by Mozambique Govt.
- 4. BAT will be 2<sup>nd</sup> largest TPG shareholder outside founders
- 5. BAT will be exposed to a highly experienced, successful and focused graphite producer with rapidly growing cashflow
- 6. Shareholders approved transaction 30<sup>th</sup> Sept 2021

At completion with TPG proceeds + current cash + Vic Govt grant at current share price, the enterprise value of BAT is only AUD\$11-12M

## TIRUPATI GRAPHITE; Production, Downstream Processing Capability, Growth, Cashflow<sup>1</sup>

Production and growth Current 12,000tpa 30,000tpa in Q2 2022 84,000tpa in 2024

#### Flake Production > 50% operating margins 12,000tpa current production

Sahamamy Flake	3,000tpa current
Vatomina Flake	9,000tpa current

#### **Flake Production Expansion underway**

Sahamamy +	30,000tpa in Q2 2022
Vatomina Flake	84,000tpa in 2024

#### **Downstream Processing Capability**

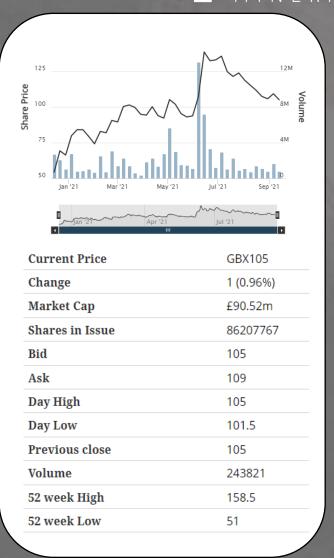
99.995% TGC Purification	1,200tpa
Graphene Production	10kg/day

The Mozambique (BAT) acquisition provides potential for significant expansion to meet customer needs >140,000tpa

# FY 20/21 TPG Key resultsUSDAverage Flake Production Cost\$389/tAverage Flake Price achieved\$801/tAverage operating margin\$412/t

**Tirupati Graphite Operations** 

- At a cash margin of USD\$412/t this presents a significant cashflow business at 30,000tpa by Q2 2022, 84,000tpa in 2024
- Offtake with 1<sup>st</sup> tier advanced electronics companies and vehicle manufacturers in Europe, Japan, US, Taiwan and, South Korea



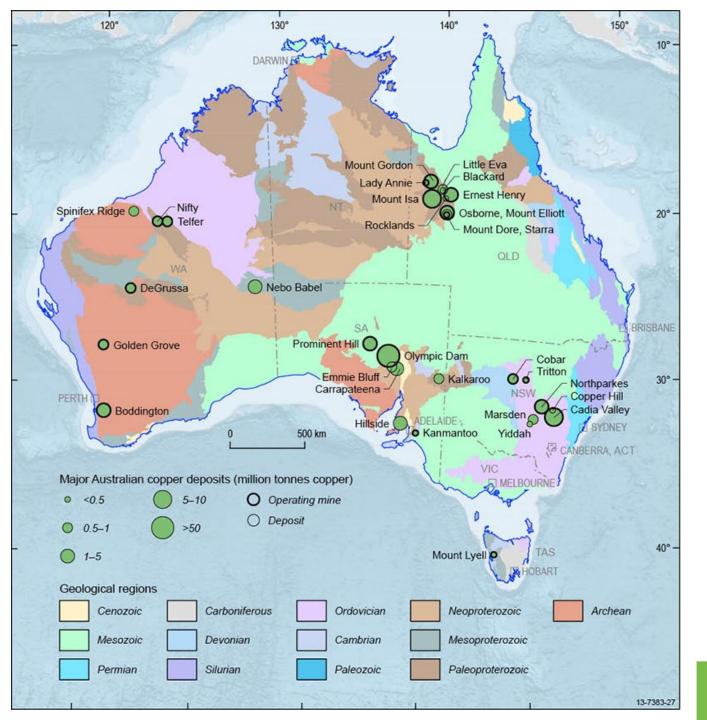
BATTERY

1. Data sourced from "Trading Results & Update on 31 March 21 Accounts" announced 24<sup>th</sup> of August. Data Compiled 29<sup>th</sup> September

https://tirupatigraphite.co.uk

# Major Australian Copper Deposits

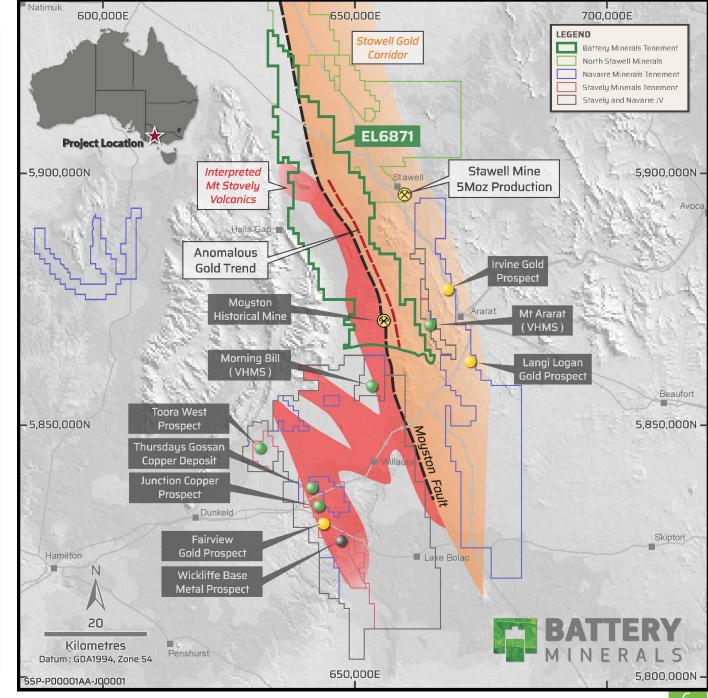
 https://www.ga.gov.au/data-pubs/data-and-publicationssearch/publications/australian-minerals-resourceassessment/copper





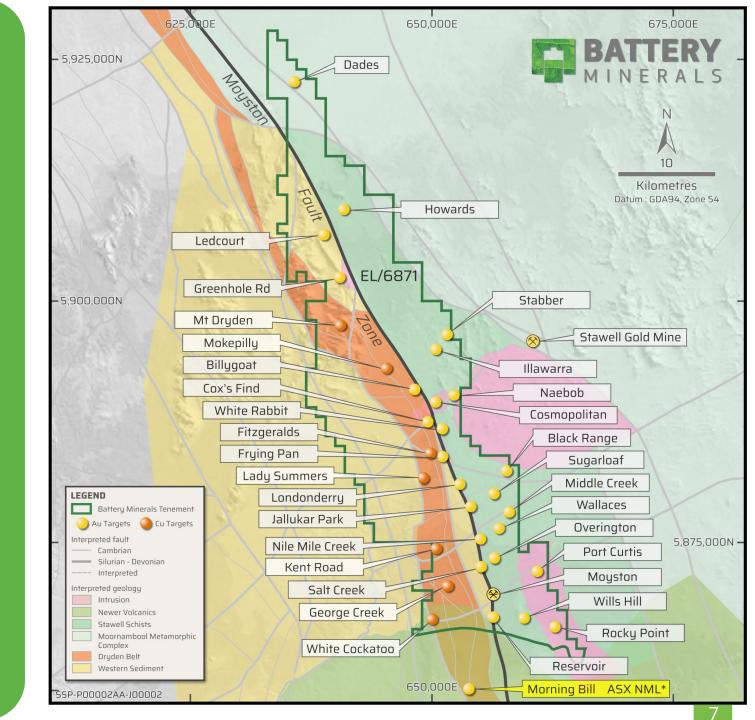
## LARGE LANDHOLDING PAST PRODUCTION PROVEN STRUCTURES PROSPECTIVE ROCKS MAJOR SYSTEM LIMITED EXPLORATION

- Tenement Granted October 2020
- 721sqkm of under-explored tenure
- Last sustained exploration effort early 1990s (Gold A\$400/oz)
- 40 km strike and 117sqkm of Mt Stavely Volcanics
- 67 km strike Moyston Fault
- 343 sqkm of Stawell Gold Corridor
- Historic drilling ~1,000 holes average depth 36 metres, clustered and selectively sampled & analysed



# EXPLORATION TARGETS

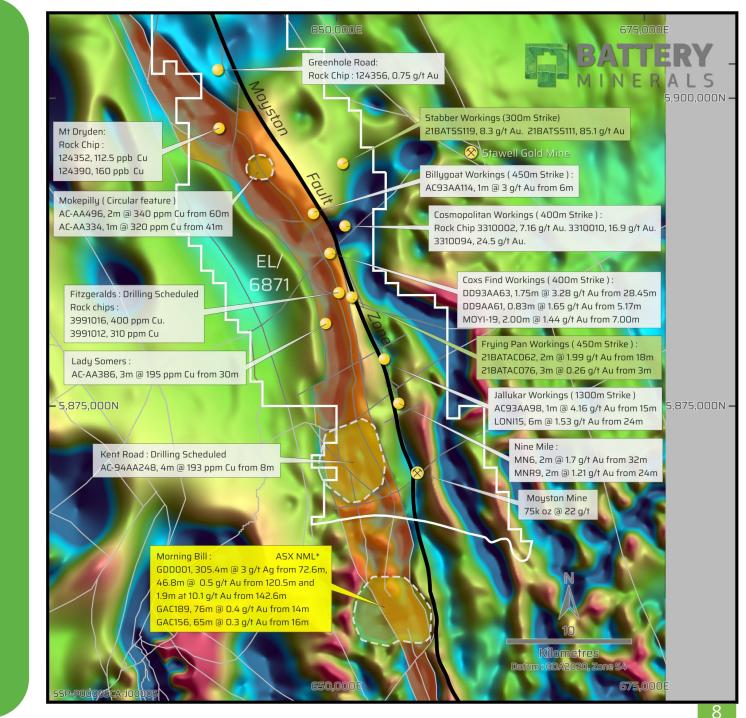
- ~30 years since last explored
- Moyston Fault Corridor Au, Ni
- Stawell Gold Corridor
- Stavely Volcanics Au, Cu, Ni
- Historical production ~100,000oz Au
- Improved Techniques
- Mag, Gravity, Worldview, Lidar, EM
- Soils and Rock Chip assay detection limits
- Air Core Drilling advances
- Consolidating Land Access



## **BATTERY** MINERALS **PRIORITY DRILL TARGETS<sup>1</sup>** NEXT 3 MONTHS 375 HOLES, 15,000 METRES

- **Nine Mile :** drilling 2m @ 1.7 g/t Au, historical workings in Jallukar, Moyston Fault
- Kent Road : float & subcrop, altered porphyry, soils 4m @ 193 ppm Cu, NW fault, mag feature in volcanics
- **Frying Pan:** historical workings, Rock Chips > 5g/t Au, drilling 2m @ 1.99g/t Au, NE fault intersecting Moyston Fault
- **Cox's Find:** historical workings, drilling 1.75m @ 3.28 g/t Au rock chips >5 g/t Au, Soils >50ppb Au, NW fault
- **Cosmopolitan:** strike extent of historical workings >22koz Au production, rock chips >10 g/t Au
- **Fitzgerald's**: Cu rockchips >300ppm, important linking fault cutting prospective volcanic sequence, Priority Mag feature

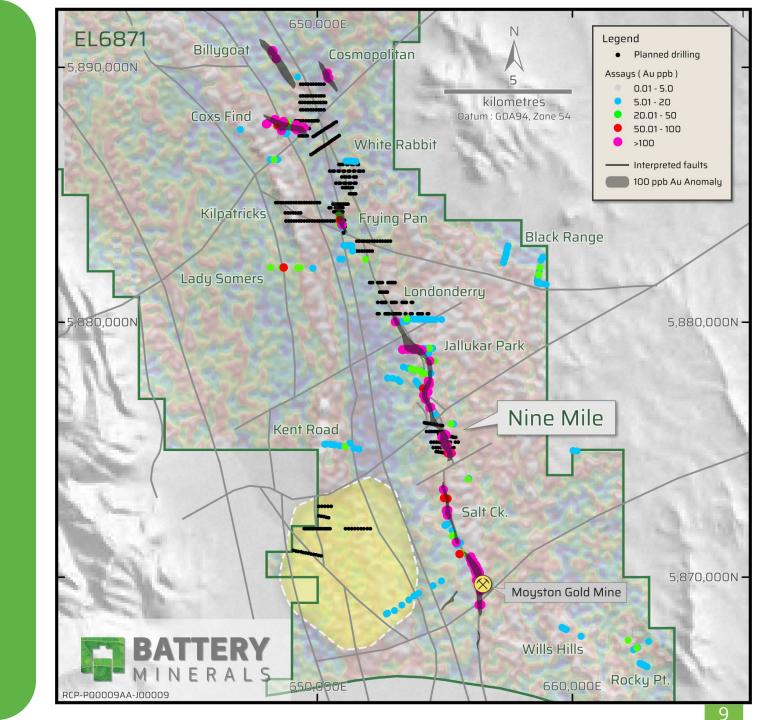
1. Please read this disclosure in conjunction with Battery Minerals' ASX release dated 14<sup>th</sup> October 2021 "Technical Summary of Historical Exploration on the Stavely - Stawell Copper Gold Project". All data presented in white boxes is historical and it pre-dates JORC 2012. While considered sufficiently reliable to define areas of exploration focus, Battery Minerals considers the data is not of sufficient quality to contribute to JORC-compliant resources, reserves or exploration targets.



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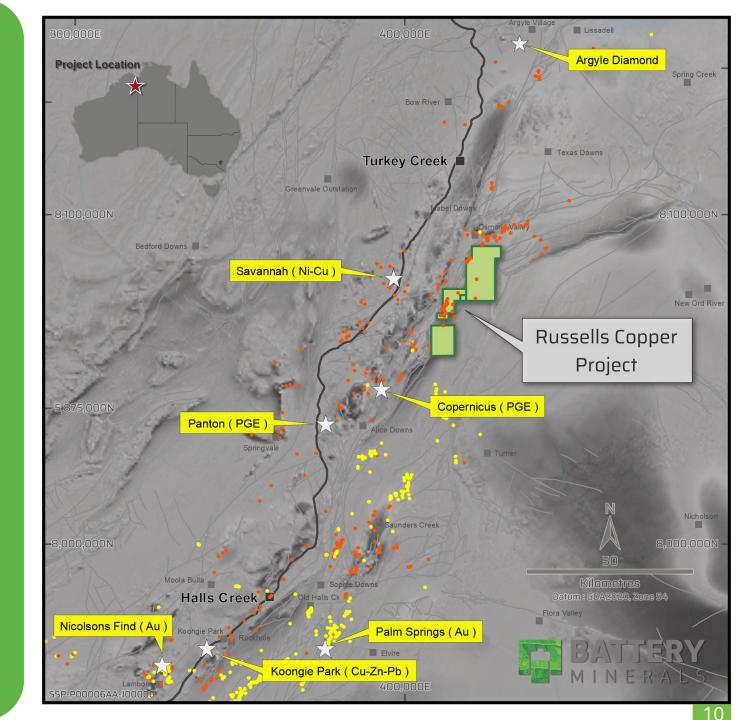
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1. Please read this disclosure in conjunction with Battery Minerals' ASX release dated 25th October 2021 "Promising results from shallow aircore drilling program".



#### RUSSELLS COPPER PROJECT WITH REGIONAL NICKEL, PGE, COPPER AND GOLD PROSPECTS

- Halls Creek Tectonic Zone confluence of major structures and mineralization styles;
  - Michigan Cu-Ag
  - Sulphide Ni+Cu+PGEs
  - Skarn Cu-Au
  - Halls Creek Fault related
    orogenic Au+Cu/Pb/Zn/Ag

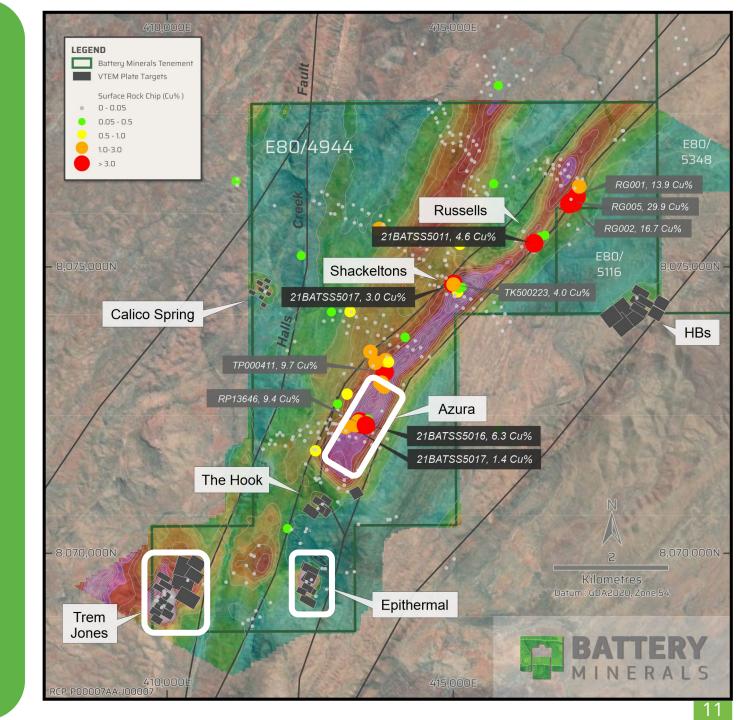




## **RUSSELLS COPPER PROJECT<sup>2</sup>**

- Halls Creek Tectonic Zone confluence of major structures
- Only 13 historic drill holes
- Soils >100 ppm Cu 16km strike (including ELA80/5348)
- Rock chips to 30% Cu at surface
- High quality VTEM data flown
- Vendors include Kimberley traditional owners (47%)
- Heritage agreements in place
- Total 13 holes drilled in entire project with historical intercepts up to 4m @ 0.38% Cu (incl 1m @ 0.52% Cu)

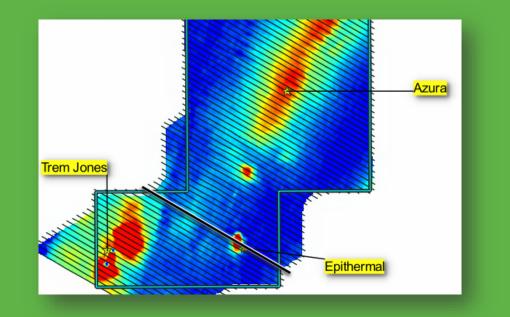
2. Please read this disclosure in conjunction with Battery Minerals' ASX release dated 22<sup>nd</sup> June 2021 "Battery Minerals to acquire highly promising WA copper project"

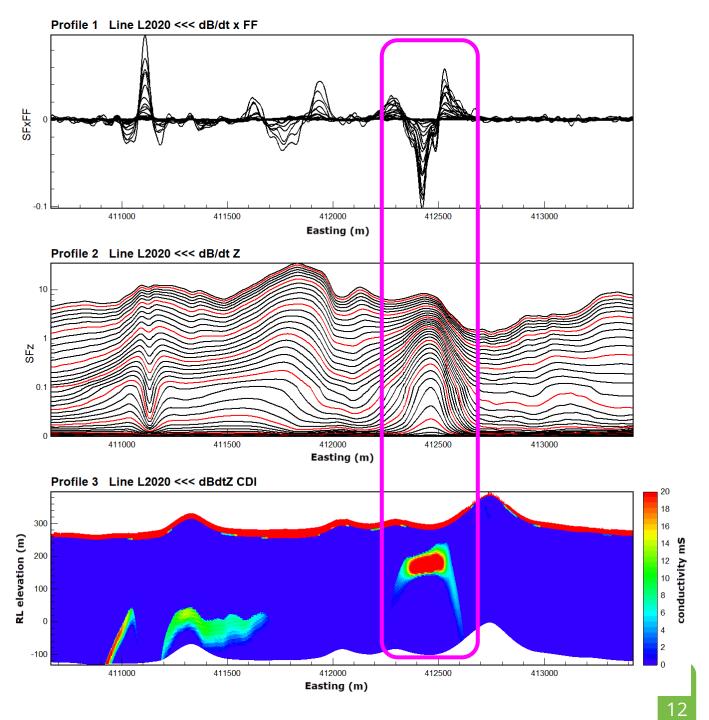




## **RUSSELLS COPPER PROJECT**

#### **Epithermal Prospect**

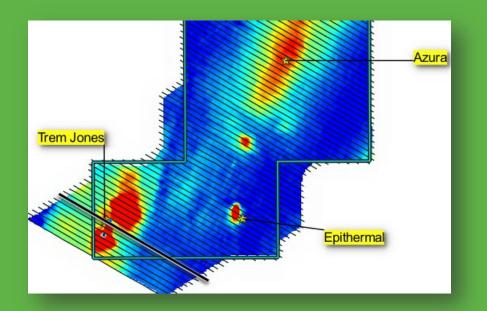


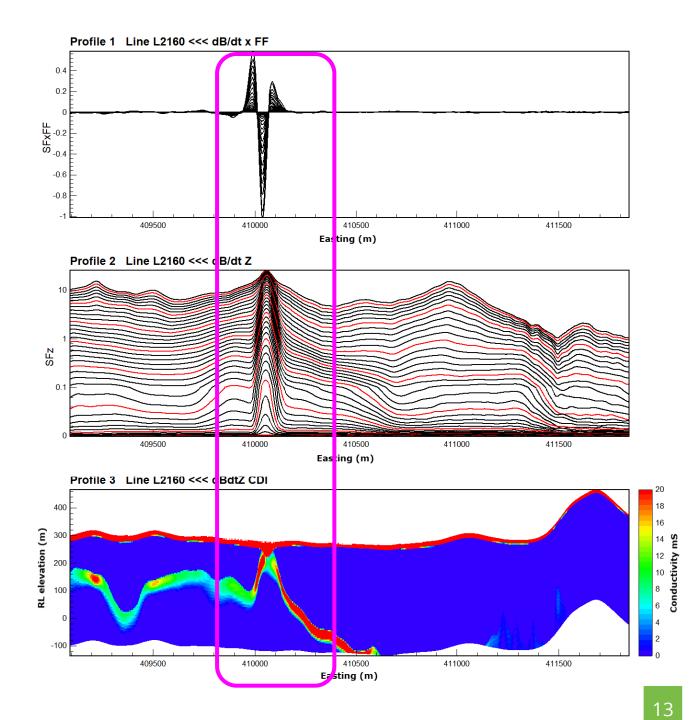




## **RUSSELLS COPPER PROJECT**

#### **Trem Jones Prospect**





# **NEXT STEPS**



Mozambique Graphite Projects 1. Complete administrative transfer to Tirupati Graphite and receive proceeds of \$12.5M in cash and shares – *ongoing* 

Stavely – Stawell Copper Gold Project

### Russells Copper Project

- 1. Drilling restarted in September ongoing
- 2. Sustain land access and community engagement- ongoing
- 3. Process 200m spaced Falcon gravity data ongoing
- 4. Field mapping and soil sampling ongoing
- 5. Integrate gravity, magnetics, EM, soils, new drilling and mapping for prioritised targets **ongoing**

- 1. Process EM data, finalise drill targets ongoing
- 2. Extensive heritage assessment early 2022
- 3. RC or diamond drill Trem Jones, Epithermal, Azura *Q1/Q2, 2022*

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#### **Forward Looking Statements**

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- Battery Minerals confirms that all the material assumptions underpinning the production targets for its Montepuez and Balama Central graphite projects and any of the forecast financial information derived from these production targets, in the 4 and 12 December 2018 ASX announcements, on these projects continue to apply at the date of release of this presentation and have not materially changed. Battery Minerals confirms that it is not aware of any new information or data that all material assumptions and technical parameters underpinning the estimates in the 4 and 12 December 2018 announcements continue to apply and have not materially changed.

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- 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 Exploration Results, 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 Montepuez Mineral Resources and Ore Reserves is extracted from the ASX Announcements dated 18 October 2018 and 4 December 2018 respectively, both of which are available at Battery Minerals website in the ASX announcement page.
- See ASX announcements on the Balama Central Feasibility Study dated 12 December 2018 for details, Table 1 and Competent Person Statement
- Any references to Mineral Resource estimates on the Balama Central Project should be read in conjunction with the competent person statements included in the ASX announcements referenced in this report (See ASX announcement dated 29 March 2018 entitled "Resources double at Balama Central graphite project in Mozambique " for full details and Competent Persons Statement) as well as Battery Minerals' other periodic and continuous disclosure announcements lodged with the ASX, which are available on the Battery Minerals' website.
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- The information in this presentation that relates to Mineral Resources in the ASX announcement dated 29 March 2018 and entitled "Resources double at Balama Central Graphite Project in Mozambique" which is available at Battery Minerals Limited website <u>www.batteryminerals.com.au</u> in the ASX announcements page.
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- The information in this report that relates to Exploration Results from Battery Minerals' Stavely-Stawell Copper Gold Project, Victoria and Russells Copper Project, Western Australia is based on information compiled by Mr Nicholas Jolly, a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Battery Minerals Limited. Mr Jolly has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Jolly consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
- 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.
- Battery Minerals Limited released the results of a DFS on its Montepuez Project on 15 February 2017 & its Value Engineering Study (VES) results for Montepuez on 18 October 2017. These releases are available on Battery Minerals' website & ASX.
- Battery Minerals Limited released a vanadium mineral resource on 29 April, 2019. All material assumption underpinning this mineral resource continue to apply at the date of this release and have not materially changed.

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- registration under the United States Securities Act of 1933.