

# PHOSPHATE DEVELOPMENT AND COPPER EXPLORATION IN SOUTHERN BRAZIL

ANNUAL GENERAL MEETING 29 NOVEMBER 2019

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Additionally, the Company makes no representation or warranty, express or implied, in relation to, and no responsibility or liability (whether for negligence, under statute or otherwise) is or will be accepted by the Company or by any of their respective officers, directors, shareholders, partners, employees, or advisers as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any interested party or its advisers. In furnishing this presentation, the Company undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. The Company does not purport to give financial or investment advice. No account has been taken of the objectives, financial situation or needs of any recipient of this document. Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in the Company Recipients of this document should carefully consider whether the securities issued by the Company are an appropriate investment for them in light of their personal circumstances, including their financial and taxation position. The information contained in this document contains confidential information pertaining to the business, operations and assets of the Company and certain assets being considered for acquisition.

The Mineral Resource estimate was prepared in accordance with the standards set out in he 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). The JORC Code is the accepted reporting standard for the Australian Stock Exchange Limited ("ASX"). The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Fernando Tallarico, who is a member of the Association of Professional Geoscientists of Ontario. Dr Tallarico is a full-time employee of the company. Dr Tallarico has sufficient experience that is relevant to the style of mineralisation and type 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'. Dr Tallarico consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The scientific and technical information contained in this presentation pertaining to the Mineral Resource estimate on the Andrade copper deposit has been reviewed and approved by Mr. John Makin, MAIG, a Senior Geologist at Roscoe Postle Associates Inc. Mr. Makin qualifies as a Competent Person as defined in the JORC Code and a Qualified Person as defined by NI 43-101. He is independent of the Company at the time of this report. The results of the Mineral Resource Statement were described in greater detail in the NI43-101 compliant technical report subsequently filed on SEDAR in accordance with applicable securities laws.

**BRAZILIAN MINERAL COMPANY** 

**ASX - AGR** 

# PHOSPHATE DEVELOPMENT

DIRECT APPLICATION NATURAL FERTILISER (DANF)

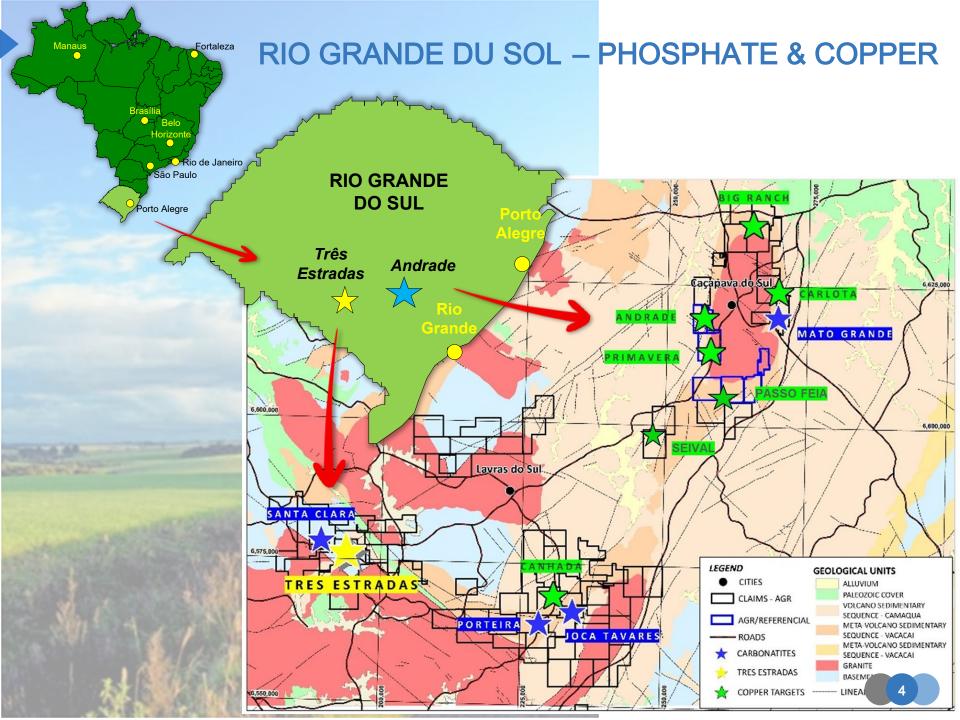
- Phosphate assets scheduled for production in 18-months
- EIA approved Preliminary License granted
- DANF strategy with +15 years mine life



#### **COPPER EXPLORATION**

- 8 copper targets ready for drilling now
- Andrade Copper Project 10.8 Mt at 0.56% copper (JORC 2012) 1
- +1,300km<sup>2</sup> in copper-gold belt





#### **NEW STRATEGIC DIRECTION**

## Phosphate cashflows to fund copper exploration and shareholder dividends

- Fernando Tallarico appointed Managing Director
- 2. Entire operation moved to Brazil Significant reduction in corporate overheads
- 3. Advance phosphate to cashflow in 18-months with DANF strategy
- 4. Drill-ready copper resource growth at Andrade Project plus 7 drill-ready targets



"Began as a phosphate company, recognized our areas had extensive copper mineralisation"

"Copper is ~40x Phosphate price"

- "Strong demand fundamentals
- Phosphate = food production
- Copper = renewable energy"

"New board, same management in Brazil"



#### Strategy - DANF

- ElA for Três Estrades Phosphate
   Project (TEPP) approved
- Preliminary License granted
- Project Development Plan for Direct Application Natural Fertilizer (DANF) has commenced
- Commence cashflow in 18-months

#### **Phosphate**

- Rio Grande do Sul the size of France
- No local supply
- Growth in Uruguay,
   Argentina and Paraguay

#### **DIRECT APPLICATION NATURAL FERTILISER - DANF**



DANF products compete with chemically derived fertilisers, but has distinct advantages;

- Much lower capital and operating costs
- Much faster route to market via trial mining
- 4 projects for development instead of 1
- Much smaller production foot print with no tailings dam
- Natural organic product p
- Environmental benefits
- General Manager for Phosphate has commenced

# DOMESTIC PRODUCER COST ADVANTAGE

#### **Southern Brazil**

- 100% reliant on phosphate imports
- No mines planned other than AGR
- Currently 3 million tonnes of phosphate (P<sub>2</sub>O<sub>5</sub>) imports annually
- Aguia sustained cost advantage due to shipping, demurrage, insurance and import duty costs
- Aguia's projected production of 200,000 tpa of P<sub>2</sub>O<sub>5</sub> will displace less than 5% of phosphate imports in Rio Grande do Sul



#### PERMITS AND SCHEDULE

### Preliminary License (LP)

- Environmental Impact Assessment has been approved
- Public Hearings have been held and approved
- Awarded by the Environmental Protection Agency of the State of Rio Grande do Sul (FEPAM)

### Installation License (LI)

- Authorisation to commence construction by -
- i. fulfillment of LR conditions;
- ii. approval of the mine development plan and economic feasibility; and
- iii. Approval of the Basic Environmental Plan (PBA)

### Operation License (LO)

- Grant of Mining
   Concession by Mining
   and Energy Ministry
- Valid in increments of four to ten years and can be renewed as necessary until end of mine life

**GRANTED** 

12 MONTHS
CONSTRUCTION
Q4 2020

6 MONTHS
PRODUCTION
H1 2021

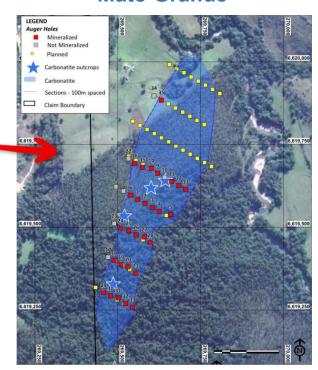
#### PHOSPHATE REGIONAL TARGETS

#### ■ Cites/Field Office AGR Tenements Roads Lineaments Alluvium Cacapava do Sul Field Office Paleozoic Cover Volcano Sedimentary Sequence - Camaqua Meta-Volcano Sedimentary Sequence - Vacacai Mato Grande Meta-Volcano Sedimentary Sequence - Porongos Granite 6 600 000mN Santa Clara Lavras do Sul Field Office

**Porteira** 

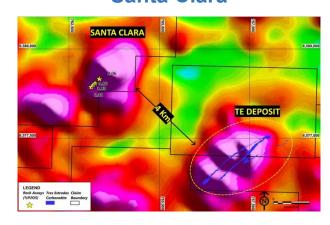
**Joca Tavares** 

#### **Mato Grande**



### Santa Clara Joca Taveres 233,000 mE 233,000 mE 233,000 mE 234,000 mE 234,000 mE

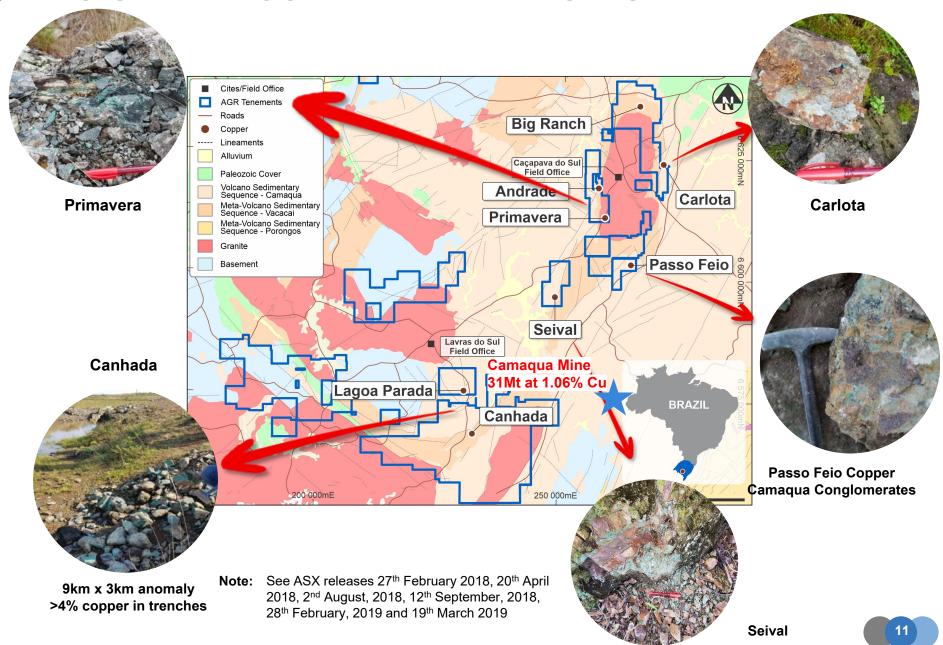
**BRAZIL** 



Três Estradas



#### **RIO GRANDE COPPER BELT TARGETS**



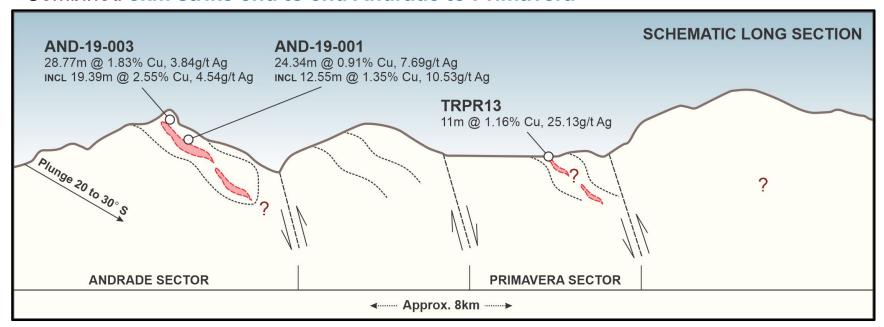
# RIO GRANDE COPPER BELT EXPLORATION STRATEGY

- Built land position 5-year portfolio
- +1,300km<sup>2</sup> portfolio
- 8 drill-ready copper targets identified
- Grow core project Andrade
   10.8mt at 0.56% copper
- 10,000m drilling planned between Andrade and Primavera



#### ANDRADE COPPER PROJECT

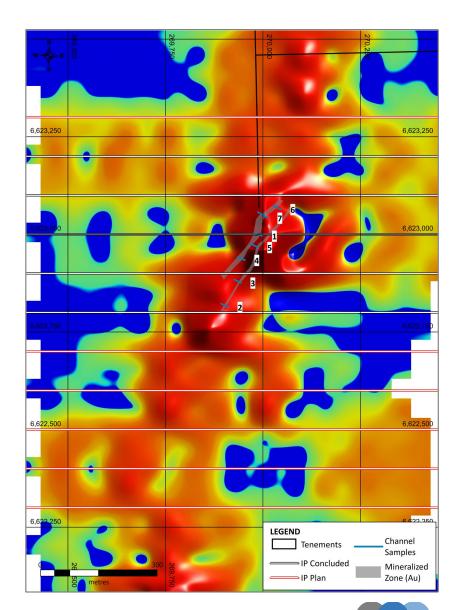
Combined 8km strike end to end Andrade to Primavera



- Recent drilling returned interval of 28.77 metres grading 1.83% copper from 63.63 metres with a higher-grade zone of 19.39 metres grading 2.55% copper from 63.63 metres including:
  - 4.35 metres grading 3.57% copper from 65.80 metres
  - 2.25 metres grading 5.40% copper from 76.50 metres
- Total Inferred Mineral Resource 10.8 million tonnes with average grade of 0.567%
   Cu and 2.56 g/t Ag
- More drilling to add to tonnes and grade

#### **CARLOTA FIRST RESULTS**

Channel_ID	Intercepts		
CH-CL-01	13m at 0.72 gpt Au from 7m including 1m at 1.47 gpt Au from 11m and 1m at 2.01 gpt Au from 15m		
CH-CL-02	15m at 0.33 gpt Au from 5m including 1m at 1.38 gpt Au from 9m		
CH-CL-03	2m at 0.18 gpt Au		
CH-CL-04	13m at 4.20 gpt Au from 7m including 4m at 13.34 gpt Au from 16m and 2m at 25.45 gpt Au from 17m		
CH-CL-05	4m at 0.45 gpt Au including 1m at 1.075 gpt Au from 0m and 3m at 5.7 gpt Au from 16m		
CH-CL-06	20m at 0.5 gpt Au including 10m at 0.76 gpt Au from 10m		
CH-CL-07	12m at 3.64 gpt Au and 0.4% Cu from 8m including 3m at 10.25 gpt Au and 2m at 1.11% Cu from 9m and 1m at 6.07 gpt Au from 17m		



#### **INVESTMENT HIGHLIGHTS**

#### Near-term phosphate production to fund copper drilling



Dual Commodity



Phosphate No Local Supply

Copper World Shortage

Direct
Application
Natural Fertilizer



Immediate Targets



Três Estrades
Phosphate
+100mt Resource
EIA Approved

Andrade 10.8mt at 0.57% copper

5 phosphate developments 8 copper targets



Brazilian Management



Fernando Tallarico and team Assembled portfolio

**Brazilian-based** 

Tonnes and grade strategy





Major shareholder support

New Board New Strategy

Few ASXlisted copper companies





Três Estrades
12-months from
development

Copper drilling

**Development** options

#### **CAPITAL STRUCTURE**

#### ASX Listed. Delisted from TSX 16 September 2019.

Item	Number	ltem	Number
Ordinary Shares	200.8m	Options (12c to 72c)	30.2m (\$19.8m)
Share Price 52-week range	9c to 23c	Fully Diluted	231.0m
Market Capitalization Undiluted at 16.5c	\$33.1m	Market Capitalization Diluted at <b>16.5c</b>	\$38.1m
Cash in Bank	\$1.3m	22 September 2019 Raising	\$2.2m at 15c



#### **COMPETENT PERSONS STATEMENT**

The Três Estradas Phosphate Project has a current JORC/43-101 compliant mineral resource which includes Measured Resources of 36 Mt grading  $4.01\% P_2O_5$ . Indicated Resources of 47 Mt at  $4.18\% P_2O_5$  and Inferred Resources of 21.8 Mt at  $3.67\% P_2O_5$ 

The Lucena Phosphate Project has an Inferred Mineral Resource of 55.1Mt grading 6.42% P<sub>2</sub>O<sub>5</sub> that is compliant with the JORC 2012 Code

Information in this presentation is extracted from the following reports, which are available for viewing on the Company's website:

- 13 November 2019: Exploration Update at Carlota
- 17 October 2019: Aguia Awarded Key Development Permit
- 18 September 2019 Exploration Update and Copper Targets Rock Sample Results
- 28 June 2019 Operational Update
- 22 March 2019: Successful Community Consultation Event for Aguia's Três Estradas Phosphate Project
- 19 March 2019: Aguia Reports Maiden Resource Estimate for Andrade Copper Deposit
- 7 March 2019: Initial Scout Drilling at Big Ranch Identifies Pervasive System of Sulphide Mineralisation
- 27 February 2019: Aguia Acquires Andrade Copper Project & Drills 1.83% Cu Over 28.8m Including 2.55% Cu Over 19.4m and 5.4% Cu over 2.25m
- 14 January 2019: Aguia Enters Final Phase of Três Estradas Environmental Permitting
- 18 December 2018: Aguia Closes Private Placement
- 29 November 2018: Aguia Evaluating Options to Unlock Value of Rio Grande Copper Assets
- 13 November 2018: Update on Big Ranch Drilling and Três Estradas Permitting
- 11 October 2018: 3000 Metre Diamond Drilling Program Underway at Big Ranch Copper Prospect
- 12 September 2018: Big Ranch Copper Exploration and Três Estradas Update
- 21 March 2018: Bankable Feasibility Study of Três Estradas Confirms Robust Project Economics
- 27 February 2018: Aguia Identifies Zone of Copper Mineralisation within 9km Target Area in Rio Grande do Sul, Southern Brazil
- 16 January 2018: Auger Drilling At Mato Grande Carbonatite Returns Highly Encouraging Assay Results
- 20 September 2017: Três Estradas Phosphate Project's 2017 Mineral Resource Statement, Rio Grande do Sul, Brazil
- 11 October 2016: Aguia Achieves Key Project Development Milestone with Environmental Impact Assessment Submitted for Três Estradas
- 8 June 2016: Aguia Signs Option Agreement on Propery Adjacent to Três Estradas and Secures New Carbonatite Occurrence

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements listed above 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.

The technical and scientific information in this presentation, including information that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves, is based on information compiled by Dr Fernando Tallarico, who is a member of the Association of Professional Geoscientists of Ontario. Dr Tallarico is a full-time employee of the company. Dr Tallarico has sufficient experience that is relevant to the style of mineralisation and type 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'. Dr Tallarico consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

