# Only Guinea's newest Conglomerate Bauxite project

Lindian Resources ASX: LIN Investor Project Presentation - Q4 2019



# Disclaimer

### Forward Looking Statements

Some statements in this report regarding estimates or future events are forward looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "could", "nominal", "conceptual" and similar expressions. Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward looking statements may be affected by a range of variables that could cause actual results to differ from estimated results, and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward looking statements. These risks and uncertainties include but are not limited to liabilities inherent in mine development and production, geological, mining and processing technical problems, the inability to obtain any additional mine licenses, permits and other regulatory approvals required in connection with mining and third party processing operations, changes in commodity prices and exchange rate, currency and interest fluctuations, various events which could disrupt operations and/or the transportation of mineral products, including labour stoppages and severe weather conditions, the demand for and availability of transportation services, the ability to secure adequate financing and management's ability to anticipate and manage the foregoing factors and risks. There can be no assurance that forward l

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### Competent Person's Statement

The information in this report that relates to exploration results is based on information compiled or reviewed by Mr Mark Gifford, an independent Geological expert consulting to Lindian Resources Limited. Mr Mark Gifford is a Fellow of the Australian Institute of Mining and Metallurgy and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Gifford consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears".

### **Gaoual Project**

Refer to Lindian's ASX Announcements dated 10 April and 8 May 2019 for full details of the option agreement and exploration results for the Gaoual Project.

# Guinea is to bauxite, as the Pilbara is to iron ore.

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Guinea is already home to one of the **world's** largest bauxite project, D a JV between Compagnie des Bauxites de Guinée (CBG), Alcoa, Rio Tinto and the government of Guinea.



Lindian Resources Gaoual project shares similar geological characteristics with the massive Sangaredi Conglomerate Bauxite deposit.



Nearby infrastructure, approximately 65 km (as the crow flies) from the Sangaredi Railway which runs to Kamsar Port



Fully-funded drill program to confirm size & depth of this Conglomerate Bauxite discovery. Drilling starts in December 2019





### A compelling opportunity

- Option to acquire up to 75% of Gaoual Bauxite Project, Guinea West Africa
- Gaoual is one of only two known major 'Conglomerate Bauxite' occurrences discovered in Guinea, the other being Sangaredi – mined by Compagnie des Bauxites de Guinée (CBG)
- Sangaredi Conglomerate Bauxite depleted, CBG exports typical insitu bauxite
- Conglomerate Bauxite is characterised by:
  - Very high Total Alumina grade (50-60% Al203)
  - Very low boehmite present
  - Very low contaminants
  - Very deep bauxite profile, >30m, typical bauxite <15m</li>
- Massive value upside from minimal spend:
  - Fully-funded drill program to confirm size & depth of this Conglomerate Bauxite discovery
- Highly experienced team in place to deliver



### **Gaoual Bauxite Project summary**

 Key targets within the Gaoual project area have been mapped and sampled by experienced bauxite geologists with two major plateaux defined – Mamaya and Bouba

### Bouba Conglomerate Bauxite Plateau:

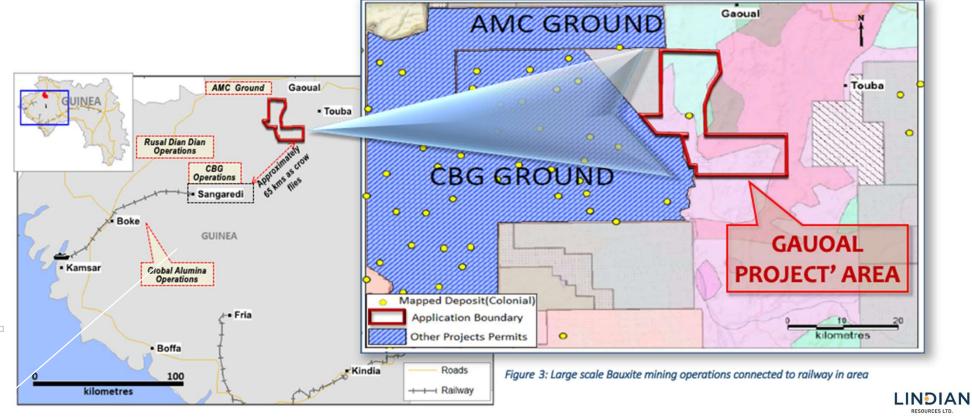
- 5km2 in size with outcropping very high grade bauxite sampled at surface
- all outcropping bauxite mimics the primary Sangaredi Bauxite, known as "Conglomerate Bauxite". Potential depth >30m
- Very high grade with low contaminants with alumina grade(55-60% Al203) and silica (SiO2 1-3%)

### • Mamaya Bauxite Plateau:

- 11km<sup>2</sup> in size with outcropping high grade bauxite sampled at surface
- has large areas of bauxite "plains", with high grade bauxite at surface
- all bauxite formed is "in situ" and typical of the region. Expected depth 10-15m and grades of 45-50% Al203 and SiO2 2-4%



# Located in a world class bauxite province & mining friendly Jurisdiction



# Conglomerate Bauxite Background

Typical in-situ bauxite washes and erodes into a valley- in this case a river that ceased to flow

This filling of a valley enables a much deeper profile of bauxite to form

At some point in time the geological triggers for bauxitisation activate within the conglomerate pile

There is an increase in the Al203 grade and a reduction in the Fe and SiO2 levels with little change to the overall mineralogy

The Conglomerate Bauxite remains Gibbsite dominant with little increase to Boehmite relative to the significant Al203 grade increase

It is this very low Boehmite relative to the significant Al203 grade increase
that makes the Conglomerate Bauxite very special & quite unique

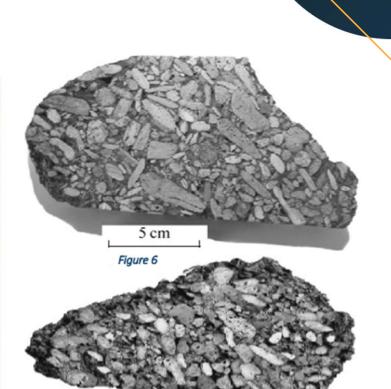


# Gaoual ore is visually identical to Sangaredi ore





Figure 5



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Figur

Figures 4-5: Examples of the Conglomerate Bauxite recently discovered at the Gaoual Bauxite Project Figures 6-7: Sangaredi Conglomerate-Bauxite as defined by Mamedov et al (2011)

Figure 1

5 cm

### **Conglomerate Bauxite V Typical Insitu Bauxite**

- Conglomerate bauxite is visually very distinctive and unique when compared to typical insitu bauxite
- Figures 8 and 9 demonstrate how stark the difference really is
- It is this distinct visual difference that first alerted the geologists that the Bouba Plateau – which is located within the Gaoual project area could contain Conglomerate Bauxite



Figure 8: Typical Insitu Bauxite

Figure 9: Bouba Plateau Conglomerate Bauxite



Fast Track hase 1 Drilling Program Highlights

Program is fast - approximately 2 weeks drill time

Low cost - approximately USD\$160k

Real time initial indicative results available in December 2019

Scale, grade and depth of Conglomerate Bauxite will be defined

Phase 2 drilling program will be defined once Phase 1 results evaluated



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### **Appendix 1: Corporate Snapshot**

| Capital Structure                                 |             |
|---|-------------|
| Share Price (as at 7 <sup>th</sup> November 2019) | \$0.016     |
| Ordinary shares on issue                          | 446,562,124 |
| Options on issue                                  | 165,000,001 |
| Performance Shares                                | 25,000,000  |
| Market Capitalisation (\$0.016)                   | \$7.1m      |
| Debt  | Nil         |

| Major Shareholders:      | Shares | %     |
|--------------------------|--------|-------|
| Kabunga Holdings Pty Ltd | 53.52m | 11.99 |
| VEN Capital Pty Ltd      | 42.39m | 9.49  |
| Matthew Norman Bull      | 24.25m | 5.43  |
| Leticia Kabunga          | 17.3m  | 3.87  |
| Top 20:                  | 253m   | 57.5  |

#### **Board & Management**

| Non-Executive Chairman  | Asimwe Kabunga |
|-------------------------|----------------|
| Managing Director       | Shannon Green  |
| Non-Executive Director  | Matthew Bull   |
| CFO & Company Secretary | Nick Day       |

## **Appendix 2: Transaction Overview**

Agreement to acquire up to 75% of the Gaoual Bauxite Project, Guinea

### Stage one to earn a 51% interest:

- Spend US\$1m on the over 24 months to satisfy due diligence requirements
- 5,000,000 fully paid ordinary LIN shares (12 months escrow) issued to vendors
- 12,500,000 additional shares issued upon an initial JORC resource containing a minimum of 65m tonnes with an average grade greater than 45% Al2O3 with less than 5% SiO2 defined in relation to the Gaoual project

### Stage two to earn full 75% interest:

- Acquire an additional 24% through US\$2m agreed spend including completion of a PFS
- Lindian has 24 months to progress the spend and prefeasibility study and spend from its own specified commencement date
- 17,500,000 shares will be issued to the vendors should these conditions be satisfied