



20 May 2013

Company Announcements Office  
ASX Limited  
Level 8, Exchange Plaza  
2 The Esplanade  
PERTH WA 6000

Dear Sir/Madam

### **London Road Show Presentation**

Kogi Iron Limited (ASX: KFE) advises that Non-Executive Chairman, Dr Ian Burstson is in London this week and will be meeting with a number of institutional fund managers and Broking houses.

Attached herewith is a copy of the presentation that Dr Burstson will speak to whilst in London.

Yours faithfully  
**KOGI IRON LIMITED**

A handwritten signature in black ink, appearing to be 'Shane Volk', written over a faint circular line.

**Shane Volk**  
Company Secretary

# KOGI IRON LIMITED

[www.kogiiiron.com](http://www.kogiiiron.com) | ASX: KFE



**A First Mover in Iron Ore Exploration in Nigeria  
Market Update - May 2013**

## Forward-looking Statements

This presentation contains forward-looking statements which are identified by words such as ‘may’, ‘could’, ‘believes’, ‘estimates’, ‘targets’, ‘expects’, or ‘intends’ and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this presentation, are expected to take place. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of our Company, the Directors and our management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this presentation will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward looking statements are subject to various risk factors that could cause actual results to differ materially from the results expressed or anticipated in these statements.

## Competent Person’s Statement

The information in this presentation that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Kim Bischoff, a member of The Australasian Institute of Mining and Metallurgy. Mr Bischoff is a consultant to Kogi Iron Limited and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the “*Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves*”. Mr Bischoff consents to the inclusion in this presentation of the matters based on the information in the form and context in which it appears.



**Kogi Iron represents a unique iron ore investment opportunity with large resource potential, proximity to infrastructure and potentially significant project scale**

## Corporate Snapshot

ASX Code	KFE
Shares on Issue	288.1m
Share Price <sup>1</sup>	A\$0.10
Market Capitalisation	A\$29.0m
Options on Issue	15.0m
Cash <sup>2</sup>	A\$2.3m

## Major Shareholders<sup>3</sup>

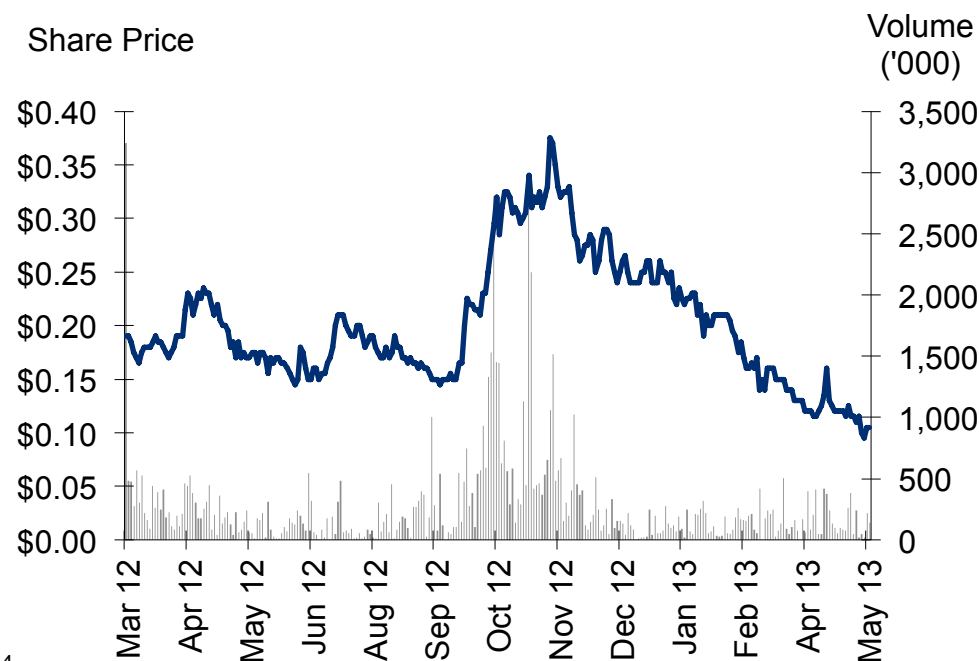
TGP Australia Limited <sup>4</sup>	29.8%
Jacos Investments Pty Ltd	2.6%
J&D Roberts Nominees	1.6%
1627 Investments Pty Ltd	1.5%
Berlurly Mining Pty Ltd	1.5%

## Projects (Nigeria, West Africa)

Agbaja Iron Ore Project (196km <sup>2</sup> )	100%
Additional 200km <sup>2</sup> underexplored land package	100%

## Ownership

## ASX Share Price Performance



<sup>1</sup>Closing price on 15 May 2013. <sup>2</sup>As at 31 March 2013. <sup>3</sup>As at 15 May 2013. <sup>4</sup>Escrowed until March 2014



**Dr Ian Burston (Non-Executive Chairman) AM, DSc, FIEA, FIMM, FAICD**

Dr Burston has more than 50 years of experience in Western Australian and international iron ore mining and export sales. He has held executive management and Board positions with some of Australia's largest and most successful mining operations.

**Mr Nathan Taylor (Non-Executive Director) LLB, BCom**

Mr Taylor has extensive M&A and Capital Markets experience having worked on numerous domestic and cross border transactions throughout his career. Most recently, he was Head of Mergers and Acquisitions at BBY Limited and prior to this worked within the capital markets teams at UBS AG and Macquarie Bank.

**Mr Don Carroll (Non-Executive Director) BEng (Mining), MAusIMM, MAICD**

Mr Carroll was a former executive with BHP Billiton and has over 30 years of experience in the mining industry, principally overseas in Asia, USA and West Africa. During this time he was responsible for the marketing of minerals in Asia, including China, and was the President for BHP Billiton in Japan and India.

**Mr Kevin Joseph (Executive Director) BEng**

Mr Joseph has extensive experience in Nigeria and the West African region, and is currently the Executive Officer of KCM Mining, which holds the Company's Exploration Licences. A 23 year resident and recent citizen of Nigeria, he has invaluable in-country relationships, which assists in conducting day to day business & executing the Company's development plans.

**Mr Joe Ariti (Non-Executive Director) BSc, DipMinSc, MBA, MAusIMM, MAICD**

Mr Ariti is an experienced company director and mining executive with over 25 years' experience in technical, management and executive roles including developing, managing and financing mining projects in Australia, Indonesia, PNG and the West African region.

**Mr Brian King (Non-Executive Director)**

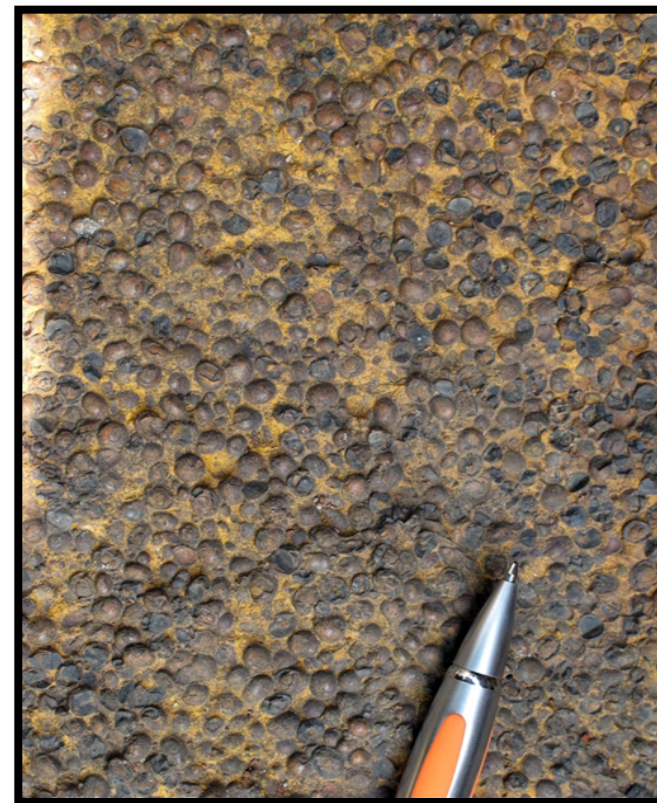
Mr King has over 40 years experience in the mining industry and was the Registered Mine Manager at Rio Tinto's Tom Price and Paraburdoo mining operations from 1982 until 1990. More recently, Mr King worked with the Terex Group in various senior roles including President of the mining group for 11 years.

- Federal constitutional republic comprising 36 states and Federal Capital Territory, Abuja.
- Former British colony with a population of more than 163 million, which gained independence in 1960.
- President elected by popular vote for a four year term – last election held in April 2011, next in April 2015.
- Oil and oil products account for 95% of exports (foreign exchange) and 80% of budget revenue:
  - Oil production approx. 2.46 million barrels per day.
- GDP real growth rate 7.2% (2011), with GDP per capita of approximately \$2,600 pa.
- New Mining and Minerals Act implemented in 2007:
  - Exclusive exploration licence initially for three years, followed by two extensions of two years;
  - Mining Lease granted for 25 years renewable every 20 years;
  - Government is a regulator – no “free carried participation”.
- Favourable fiscal regime for foreign mining companies:
  - Corporate tax rate – 35%;
  - Royalty, iron ore – 3% ad valorem;
  - Accelerated depreciation and amortisation provisions;
  - Exempt from all other Nigerian taxes.

Source: CIA – World Fact Book, Mining and Minerals Act 2007

## Snapshot

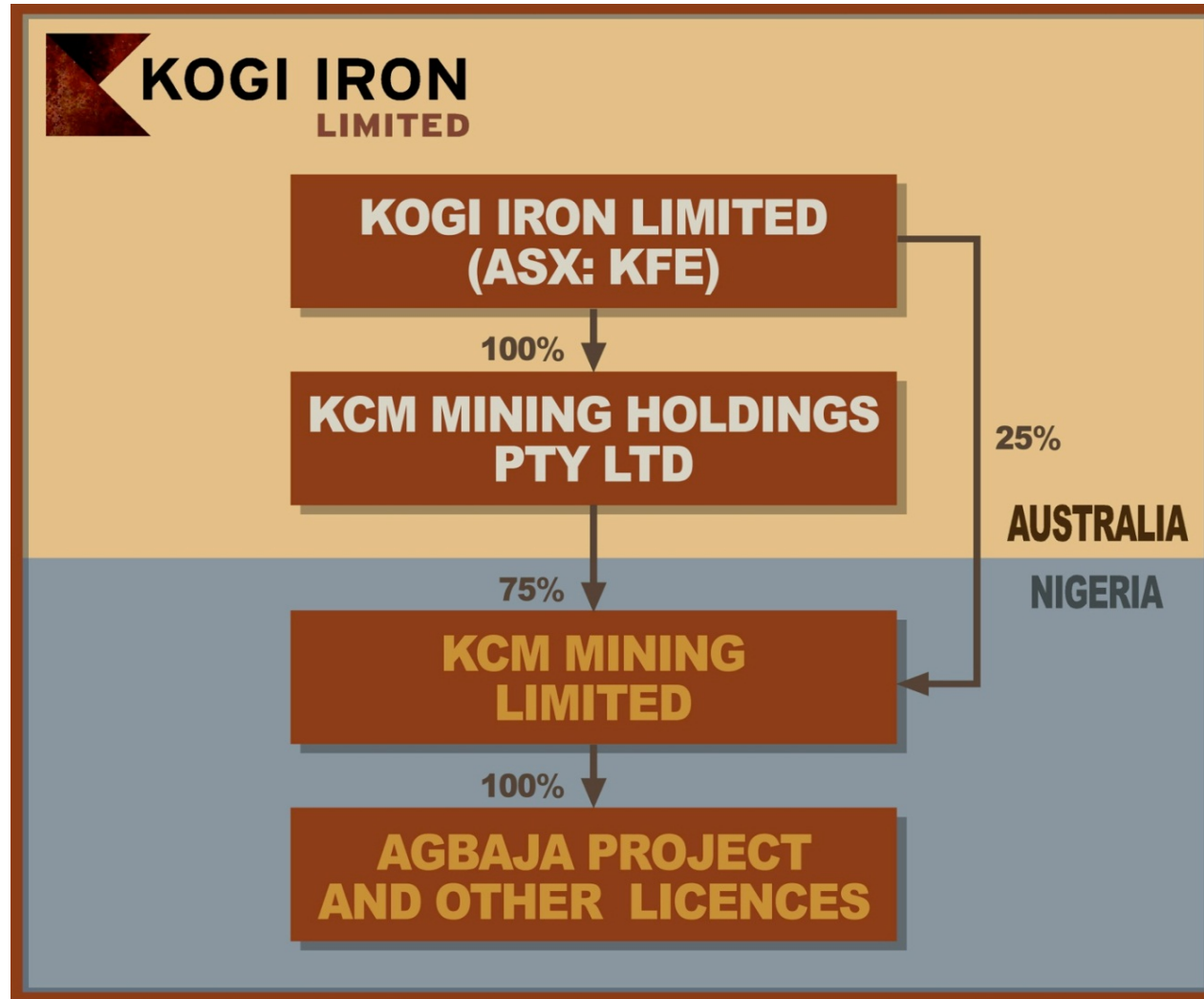
Location	<ul style="list-style-type: none"> <li>Kogi State, Central Nigeria</li> <li>Approx. 200km by sealed road south east of the capital city, Abuja</li> </ul>
Mineralisation	<ul style="list-style-type: none"> <li>Shallow channel iron deposit (CID) overlain by laterite</li> <li>Laterite: averages 35% Fe and 6m thick</li> <li>CID: averages 46% Fe and 13m thick</li> <li>Beneficiation required to produce 56-58% Fe products</li> </ul>
JORC Resource	<ul style="list-style-type: none"> <li>Maiden Inferred Mineral Resource of 488Mt @ 43% Fe<sup>1</sup></li> <li>Representing only 18% of the Agbaja Project plateau area</li> </ul>
Exploration Target <sup>2</sup>	<ul style="list-style-type: none"> <li>1.6 – 2.7Bt at 35-50% Fe</li> </ul>
Potential Products	<ul style="list-style-type: none"> <li>Iron ore concentrate for sinter fines and pellet feed</li> </ul>
First Production	<ul style="list-style-type: none"> <li>Estimated late 2015</li> </ul>
Mine Life	<ul style="list-style-type: none"> <li>Minimum 20 year mine life based on 20Mtpa</li> </ul>
Rail	<ul style="list-style-type: none"> <li>Operating standard gauge railway within 70km of Agbaja Project, linking Port Warri</li> <li>Latent capacity exists on the railway</li> </ul>
Port	<ul style="list-style-type: none"> <li>Existing commodities/container port – Port Warri</li> <li>Draft ≈7metres, 20,000DWT (Handysize) vessels</li> <li>Tranship to larger vessels off shore</li> </ul>



<sup>1</sup>At 20% Fe cut-off, after completion of approximately 14,000m of RC drilling

<sup>2</sup>The estimate of Exploration Target should not be misunderstood as an estimate of a mineral resource. The estimate of Exploration Target is conceptual in nature and insufficient exploration has been completed to estimate a mineral resource in accordance with the JORC Code (2004). Further, it is uncertain if further exploration will result in the determination of a mineral resource.





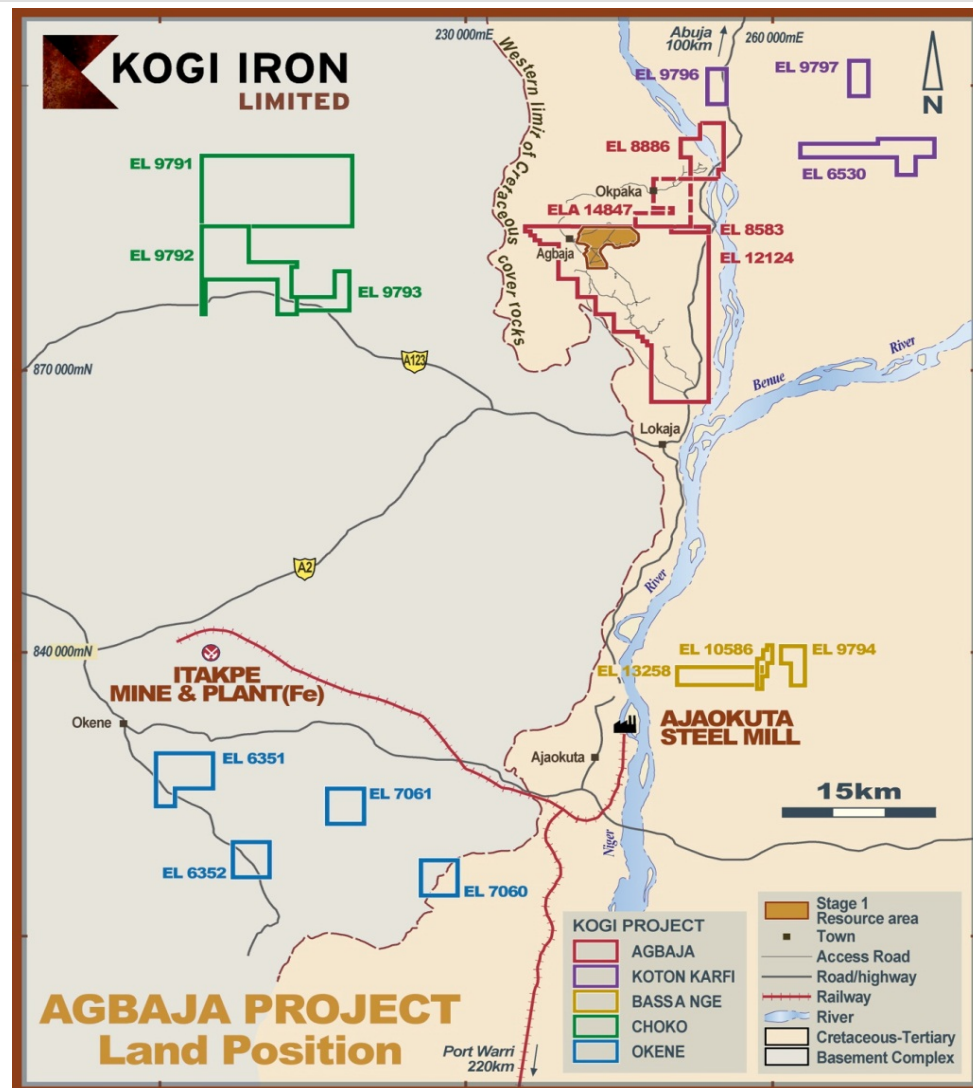
# Agbaja and Infrastructure Locations



## Land Position and Potential

- 15 granted Exploration Licences (EL) and one EL application for a land package of 400km<sup>2</sup>.
- Eight ELs and one application in three project areas prospective for CIDs in Cretaceous rocks.
- Current focus on EL12124 (178km<sup>2</sup>) at Agbaja Project with prospective CID plateau area of 80km<sup>2</sup>.
- Exploration target for prospective CID areas of 1.6 – 2.7Bt at 35-50% Fe<sup>1</sup>.
- Seven ELs to west prospective for Banded Iron Formation (BIF) in basement rocks.

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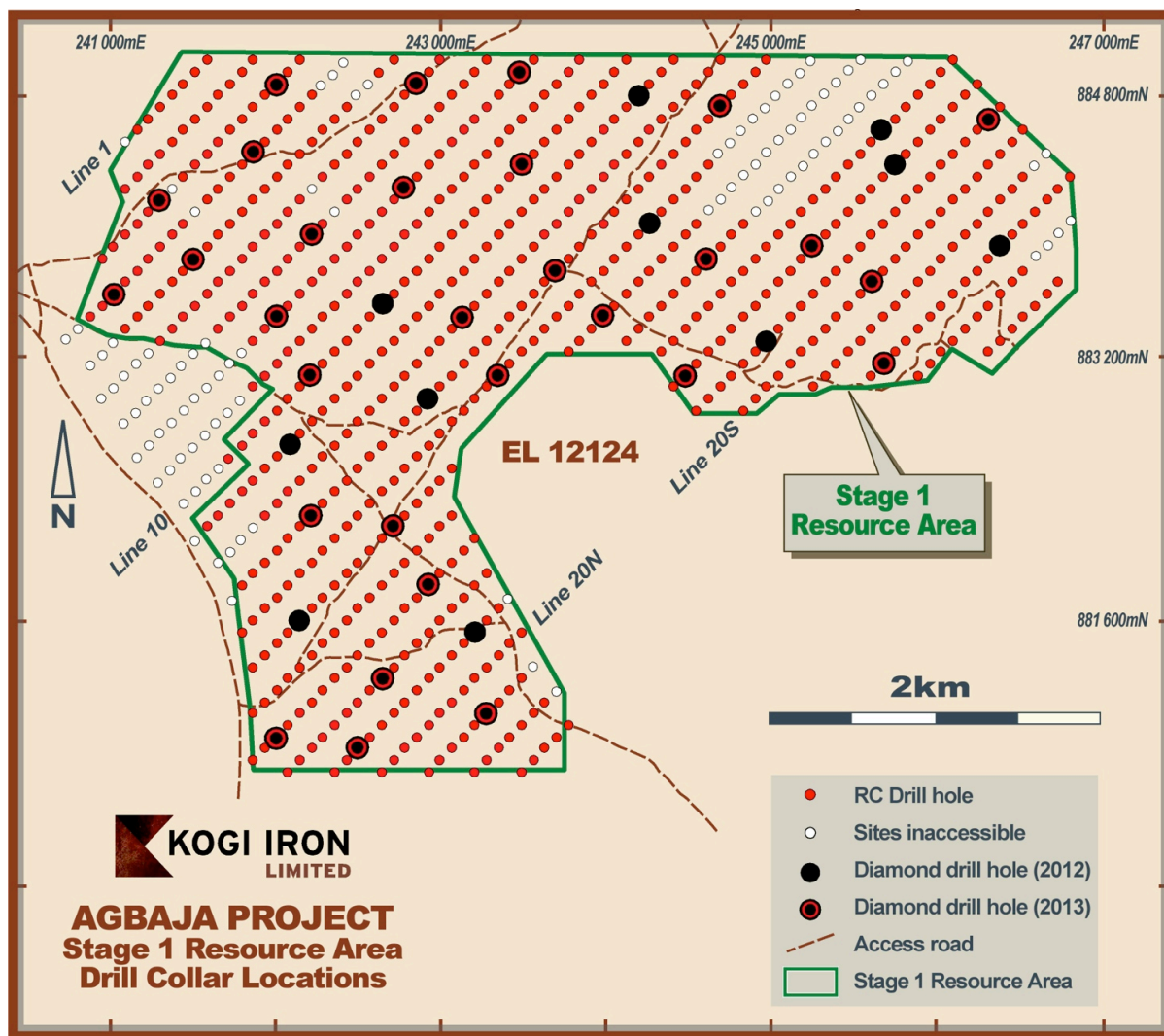


- Iron mineralisation hosted in Cretaceous CID overlain by laterite.
- Shallow, flat-lying sedimentary sequence.
- Laterite:
  - comprises ferruginous interbedded sandstone and oolite beds.
  - Average thickness 6m (range 2-12m).
- CID:
  - comprises iron-bearing nodules termed ooids (1-2mm) and pisoids (2-9mm) in an iron-rich matrix.
  - Average thickness 12.5m (range 8-24m).
- Dominant iron minerals are goethite and maghemite/magnetite.



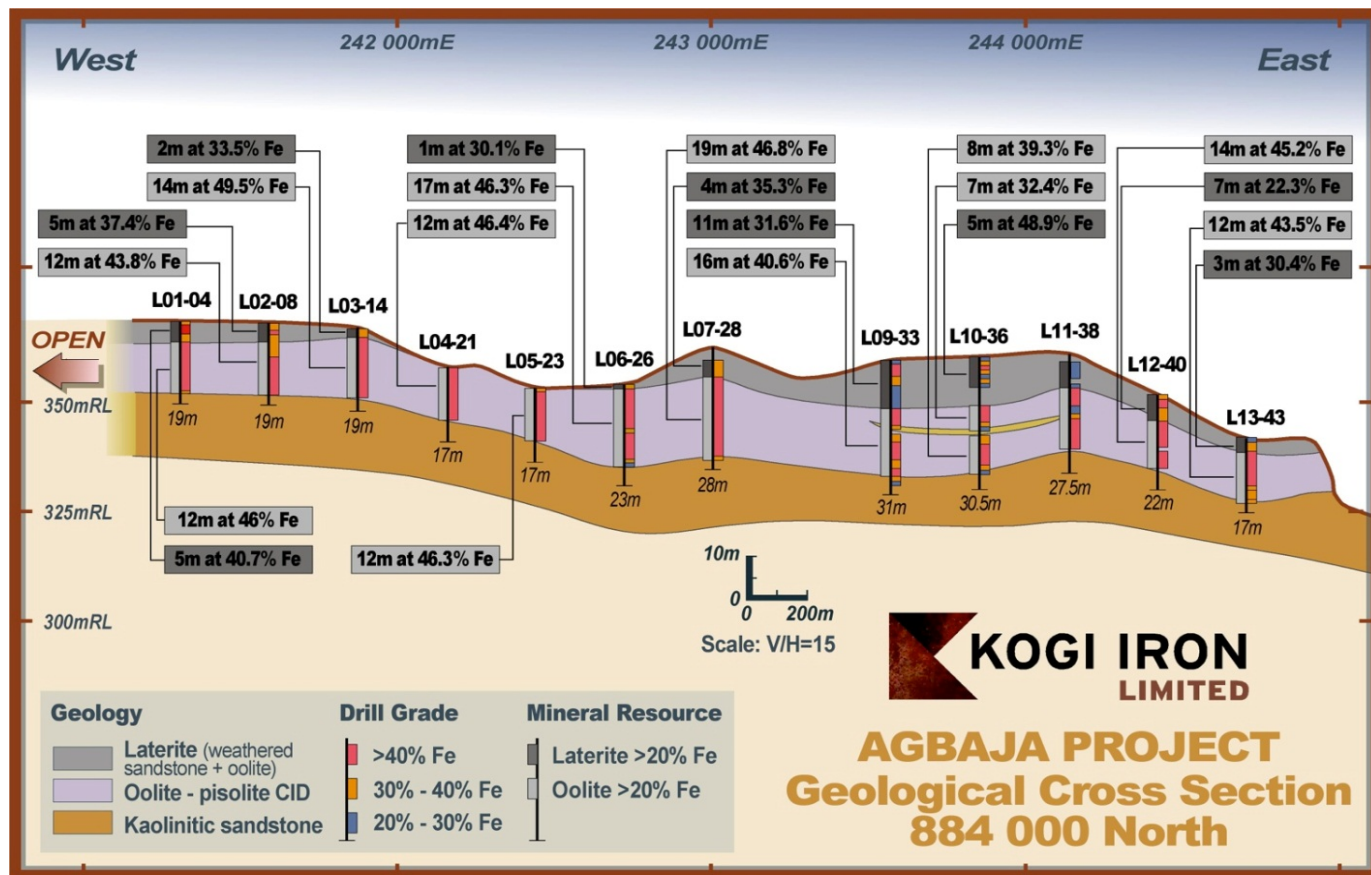
# Drilling and Resource Definition

- Current focus on EL12124 with resource definition and scout drilling.
- Stage 1 Resource Area  $\approx 15\text{km}^2$  of total Agbaja CID plateau area  $\approx 80\text{km}^2$  (18% of prospective area).
- Resource drilling completed April 2013.
  - Total of 718 RC and 41 PQ diamond holes drilled (total 21,157m);
  - 200 x 100m pattern;
  - Diamond holes to confirm grade and thickness, and provide bulk density data.
- Mineral resource update to be published in September 2013 Quarter.





- CID is laterally extensive and continuous.
- Maiden Inferred Mineral Resource of 488Mt at 43% Fe announced September 2012.
- Maiden Resource comprises approximately 13.8km<sup>2</sup> (90%) of Stage 1 area.
- Additional 2013 drilling increased,
  - coverage by 1.2km<sup>2</sup>, and
  - data density and geological confidence.



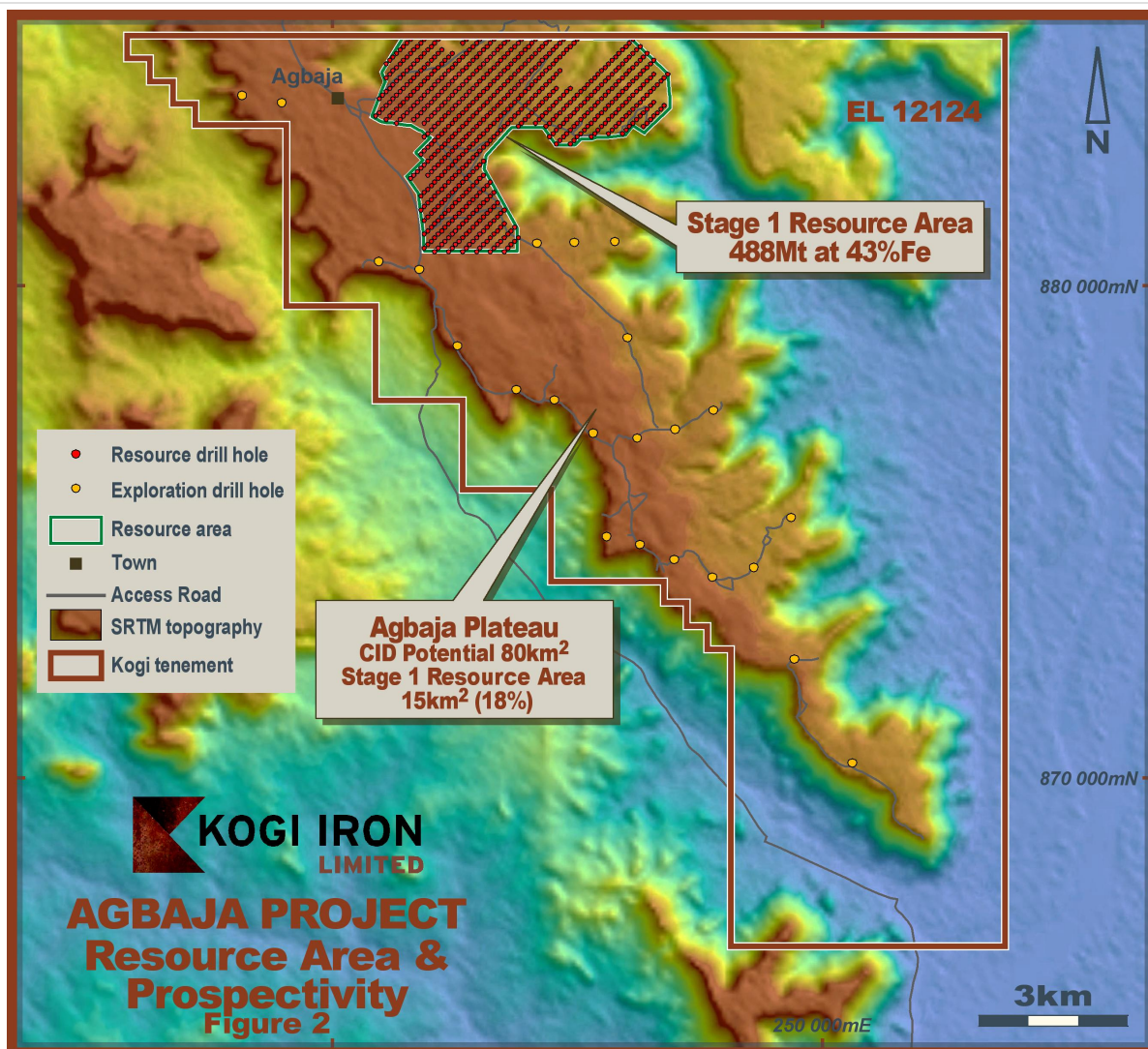
INFERRED MINERAL RESOURCE								
Zone	Tonnage (Mt)	Fe(%)	SiO <sub>2</sub> (%)	Al <sub>2</sub> O <sub>3</sub> (%)	P(%)	S(%)	TiO <sub>2</sub> (%)	LOI(%)
A - Laterite	140.5	35.4	22.0	14.5	0.33	0.04	0.95	10.7
B - CID Oolite	347.2	45.7	10.4	10.4	0.92	0.06	0.26	10.6
<b>TOTAL</b>	<b>487.7</b>	<b>42.7</b>	<b>13.7</b>	<b>11.6</b>	<b>0.75</b>	<b>0.06</b>	<b>0.46</b>	<b>10.6</b>

Note: Above 20% Fe lower cut-off; assay results cut-off date 28 August 2012.



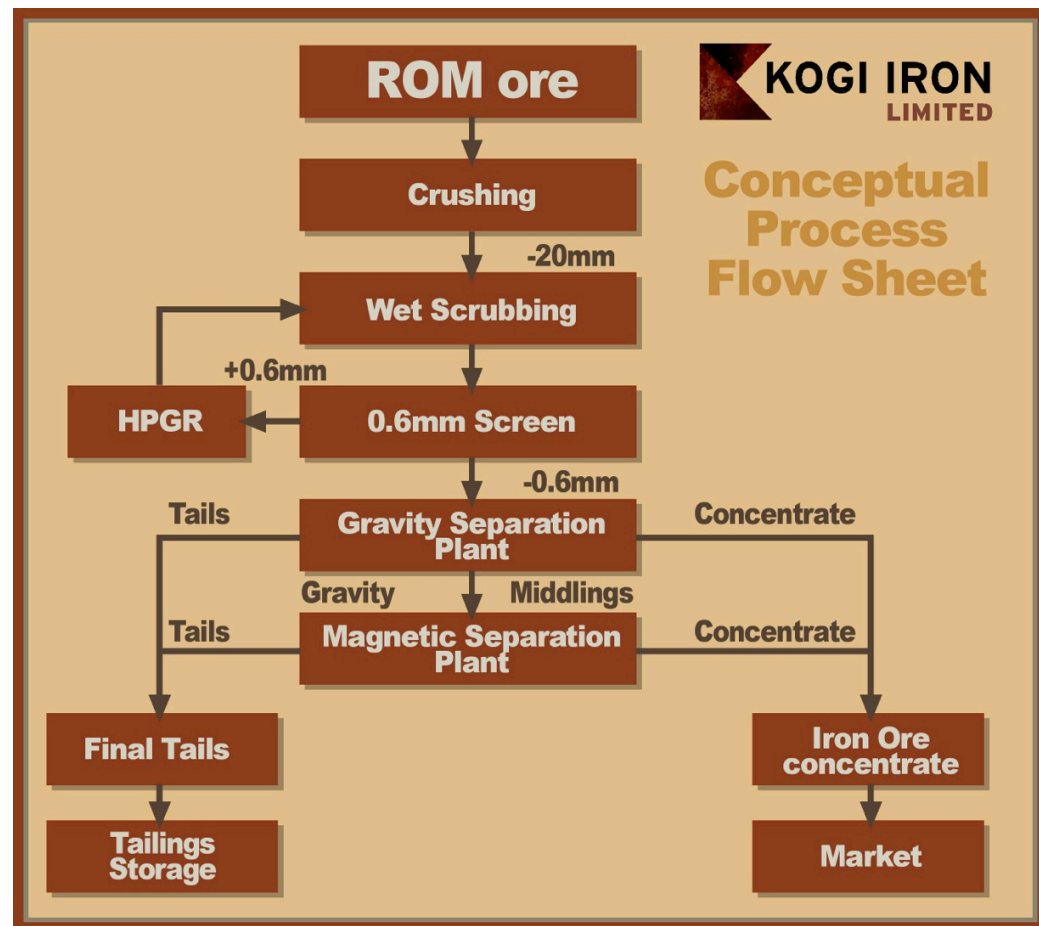
- Current Exploration Target<sup>1</sup> for EL12124 is 1.2-2.0 billion tonnes at 35 to 50% Fe including Stage 1 Resource Area.
- 2013 exploration program aimed to confirm full potential of Agbaja Project.
- 23 scout RC holes completed in March 2013 Quarter to south and west of Stage 1 area.
- Agbaja Project Exploration Target update scheduled for September 2013 Quarter.

<sup>1</sup>The estimate of Exploration Target should not be misunderstood as an estimate of a mineral resource. The estimate of Exploration Target is conceptual in nature and insufficient exploration has been completed to estimate a mineral resource in accordance with the JORC Code (2004). Further it is uncertain if further exploration will result in the determination of a mineral resource



# Beneficiation Program

- Tenova Mining & Minerals (part of the Tenova Iron & Steel group) managing metallurgical test work programs and flow sheet development.
- Phase 1 metallurgical test work completed providing an understanding of ore characteristics.
- Tenova has developed a conceptual flow sheet from the Phase 1 test work.
- Phase 2 metallurgical test work program in progress testing the suitability of the conceptual flow sheet.
- Target iron ore concentrate at 56-58% Fe suitable for sinter and/or pellet feed.
- Test results to date indicate concentrate alumina, silica and other minor elements will be at typical market levels with elevated phosphorus suited to long steel products.



## Proximate to existing infrastructure with latent capacity

- Government owned, existing, operational heavy haul railway within 68km of Agbaja Project.
- Government owned and currently on care & maintenance, Itakpe iron ore beneficiation plant located within 50km of Agbaja Project - nameplate capacity of 3.3Mtpa concentrate production.
- Government owned and currently on care & maintenance, Ajaokuta Steel Complex located on the banks of the Niger River and within 65km of Agbaja - nameplate capacity of 10Mtpa of steel production.

Major highway entering Lokoja from Abuja



Ajaokuta – Warri Rail Line; Standard Gauge – 23t axle load capacity







Work Program	Status
<b>JORC Resource Update</b> <i>(Coffey Group)</i>	Completed September 2013 Quarter
<b>Exploration Target Update</b>	Completed September 2013 Quarter
<b>Beneficiation Test Work</b> <i>(Tenova Mining &amp; Metals)</i>	Phase 2 completed end of June 2013 Quarter & further work continues throughout 2013
<b>Environmental &amp; Social Baselines</b> <i>(Greenwater Environmental Services)</i>	Underway – continues throughout 2013
<b>Rail Assessment</b> <i>(Engenium)</i>	Underway
<b>Barging &amp; Transshipping Assessment</b> <i>(Prestedge Relief Dresner Wijnberg – PRDW)</i>	Underway



# Strong Community Support



H.M. Massi of Agbaja

- Strong support by the Massi of Agbaja, HRH Abubakar Isa Alugbere, and within the 11 local Agbaja communities.
- Commitment to local content:
  - Exclusive recruitment of workers from the Agbaja communities; and
  - Local procurement of goods and services.



KCM Mining Personnel



- **Inferred JORC Resource:** 488 million tonnes at an in situ iron grade of 43%. Shallow, flat lying & one of the highest grade beneficiable iron ore resources in West Africa.
- **Significant Resource Potential & Project Scale:** Large landholding & CID Exploration Target, with significant resource upside.
- **Proximity to Transport and Steel Making Infrastructure:** Operational, underutilised heavy haul railway (connecting to Port Warri) and Ajaokuta Steel Complex both located within 70km of Agbaja Project.
- **Strong Government and Community Support:** government policy to diversify from dependency on oil revenues and develop solid materials mining sector.
- **First Mover:** First mover advantage into Nigeria securing large landholding proximal to transport infrastructure.
- **Board Track Record:** Board with a track record of delivering value to shareholders in the West African iron ore space.

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