



JAIL

19 January 2018

## TESTWORK PROGRAM PROGRESS UPDATE

Kogi Iron Limited (ASX: **KFE**, "**Kogi**", "the **Company**") is pleased to report to the market that the Beneficiation phase of the testwork has been completed on schedule. The next phase of the testwork is the Smelting and our consultants have indicated that this will be completed by end of February 2018 as currently targeted. The final phase which is the Converting testwork will commence after that and is expected to be completed by end of April 2018. Completion of a detailed flowsheet design and report will then take place.

The aim of the testwork is to definitively confirm the flow sheet for the treatment of Kogi ore to steel billets. The outcome from this testwork will be used to define the final design criteria to complete the Definitive Feasibility Study and ultimately to facilitate both debt and equity funding for the Project.

Key recent activities, which have recommenced following the Christmas and New Year periods, include:

- Completion by Mintek of the testwork on the beneficiation of the sample ore.
- Ongoing analysis of mineralogy and optimal crushing size to determine the most appropriate crushing regime and kiln design
- 30kg of crushed ore to be wash tested in Perth, Australia by Haver Boeker and drill core held in Perth is being prepared to enable these tests to be undertaken
- Results from the washing tests will be forwarded to Mintek to allow determination of optimal financial
  and metallurgical processing testwork. This work in Perth is to explore an alternative process and this
  work will be completed in parallel with the testwork in South Africa and does not prevent them from
  moving on to the next phase of testing.

The Company will continue to update shareholders as and when new significant information and results come to hand.

For more information, please contact:

Kogi Iron Limited

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Ordinary Shares: 592,154,685 Unlisted options: 29.8m Share price: \$0.125 Market capitalisation: \$74m Dr Ian Burston – *Non Executive Chairman*Mr Kevin Joseph – *Executive Director*Mr Don Carroll – *Non Executive Director*Mr Michael Tilley – *Non Executive Director*Mr Martin Wood – *Non Executive Director* 

## Contact

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## About Kogi Iron (ASX: KFE)

Kogi Iron Limited is a Perth-based company with the objective of becoming an African iron ore and steel producer through the development of its 100% owned Agbaja iron ore and steel project located in Kogi State, Republic of Nigeria, West Africa ("Agbaja" or "Agbaja Project").

Nigeria has substantial domestic demand for steel products, which is currently met largely through imports. The Agbaja project, located on the Agbaja plateau approximately 15km northwest of Lokoja city in Kogi State and approximately 200km southwest of Abuja, the capital city of Nigeria, opens the opportunity for domestic production of steel billets.

The Company holds a land position which covers a large part of the Agbaja Plateau. The Agbaja Plateau hosts an extensive, shallow, flat-lying channel iron deposit with an Indicated and Inferred Mineral Resource of 586 million tonnes with an in-situ iron grade of 41.3% reported in accordance with the JORC Code (2012). This mineral resource covers approximately 20% of the prospective plateau area within ML24606 and ML24607.

Table 1 – Summary Grade Tonnage for Laterite (Zone A) and Oolitic (Zone B) Horizons (20% Fe lower cut off is applied) Refer ASX announcement 10 December 2013.

Classification	Tonnes (Mt)	Fe (%)
Zone A (Laterite Mineralisation)		
Indicated	147.5	33.2
Inferred	33.9	31.7
Total Indicated + Inferred (Zone A)	181.4	32.9
Zone B (Oolitic Mineralisation)		
Indicated	318.7	45.2
Inferred	86.3	44.7
Total Indicated + Inferred (Zone B)	405.0	45.1
Combined Zone A and Zone B		
Total Indicated	466.2	41.4
Total Inferred	120.1	41.1
Total Indicated + Inferred	586.3	41.3

The Company confirms that it is not aware of any information or data that materially affects the information included in the original market announcements and, in the case of estimated Mineral Resources, which all material assumptions and technical parameters underpinning the estimates in the relevant market announcements 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 announcements.