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### **IRONBARK ZINC ENTERS INTO NEW MEMORANDUM OF UNDERSTANDING WITH CHINA NON-FERROUS (NFC)**

Ironbark Zinc Limited ("Ironbark") (ASX:IBG) is pleased to advise that it has entered into a new non-binding Memorandum of Understanding ("MoU") with China Non-Ferrous Metal Industry's Foreign Engineering and Construction Co. Ltd. ("NFC"). The new MoU recognises a closer relationship between NFC and Ironbark, recognises the completion of the Feasibility Study on Ironbark's Citronen Base Metal Project ("Citronen") and provides for greater clarity on the development of Citronen. The new MoU has important advantages for Ironbark from the previous MoU as it operates directly between Ironbark and NFC with no intermediary and is founded on a significant strengthening in the relationship between Ironbark and NFC. The new MoU is based on the Feasibility Study following due diligence and site visits by senior NFC personnel. This MoU replaces the previous MoU which was not based on a Feasibility Study or due diligence being conducted.

NFC is one of China's leading construction and engineering groups and builds, owns and operates base metal mines, processing plants and smelters around the world. NFC undertakes international contracted engineering, equipment and labour services and is rated globally as a high quality engineering house.

Commenting on the new MoU, Ironbark Managing Director Jonathan Downes stated "We are delighted that a group with the expertise and scale of NFC has provided its support and cemented its relationship with Ironbark. The new MoU shows not only support of the Citronen project but comfort with Greenland as a development destination. While the zinc market remains challenging, it faces uniquely positive future opportunities which will provide a strong platform to support the development of Citronen."

Under the new MoU the framework is established to conduct the following activities:

- NFC to engineer, design, procure, supply, construct, test and commission Citronen on a full turnkey basis;

- NFC to facilitate financing from banks in China to cover about 70% of the project costs;
- NFC to have an option to purchase 19.9% of Citronen at a project;
- NFC to have a right enter into an offtake agreement for a portion of the concentrate products from Citronen;
- NFC to provide a performance bank guarantee in favour of Ironbark to be released subject to plant performance tests to the satisfaction of Ironbark.

Meetings were recently held in Beijing between NFC and the Greenland Minister for Mines and his department representatives, with a subsequent meeting held between NFC and Ironbark's key infrastructure engineering firm, MT Hojgaard, to collaborate on the development of Citronen. NFC has also recently announced that it has signed an MoU with Greenland Minerals and Energy Limited to form a fully integrated global rare earth supply chain.

### **About NFC**

NFC is listed on the Shenzhen Stock Exchange and is based in Beijing. NFC constructs and sells a wide array of mining and equipment. NFC is rated as one of the world's top engineering firms by the US authoritative publication Engineering News Record. NFC also operates a wide array of mines and processing plants around the world including zinc mines and a zinc smelter.

Some examples of NFC mineral projects include the Chambishi Copper Mine in Zambia and associated 150,000-ton copper smelter, Tumurtin-Ovoo Zinc Mine in Mongolia and Thai-China Lead-Antimony Alloy Plant in Thailand. Other major projects include Kazakhstan 250,000-ton aluminium smelter, NICICO 80,000-ton copper smelter in Iran, a 100,000 lead smelter for Vedanta in India.

### **About Ironbark**

Ironbark is a well-funded Company listed on the Australian Securities Exchange (ASX: IBG) and focused on the development of a major base metal mining operation in Greenland.

Ironbark seeks to build shareholder value through exploration and development of its projects and also seeks to actively expand the project base controlled by Ironbark. The management and board of Ironbark have extensive technical and corporate experience in the minerals sector.

Citronen currently hosts in excess of 11 Billion pounds of zinc (Zn) and lead (Pb). The current JORC compliant resource for Citronen:

**59.9 million tonnes at 5.9% zinc (Zn) + lead (Pb)**

Resource Category	Mt	Zn %	Pb %	Zn+Pb%
Measured	15.0	5.8	0.5	6.3
Indicated	19.3	5.1	0.6	5.7
Inferred	25.5	5.3	0.5	5.8
<b>Total</b>	<b>59.9</b>	<b>5.3</b>	<b>0.5</b>	<b>5.9</b>

*Using inverse distance squared (ID<sup>2</sup>) interpolation and reported at a 3.0% Zn cut-off*

within a larger global resource of:

Resource Category	Mt	Zn %	Pb %	Zn+Pb%
Measured	33.2	3.8	0.5	4.2
Indicated	52.2	3.7	0.5	4.2
Inferred	47.2	3.3	0.4	3.7
<b>Total</b>	<b>132.6</b>	<b>3.6</b>	<b>0.5</b>	<b>4.0</b>

*Using Ordinary Kriging interpolation and reported at a 2% Zn cut-off*

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**Forward Looking Statements**

*This announcement contains certain statements that may constitute "forward looking statement". Such statements are only predictions and are subject to inherent risks and uncertainties, which could cause actual values, results, performance achievements to differ materially from those expressed, implied or projected in any forward looking statements.*

**JORC Code Compliance Statement**

*Some of the information contained in this announcement is historic data that have not been updated to comply with the 2012 JORC Code. The information referred to in the announcement was prepared and first disclosed under the JORC 2004 edition. It has not been updated since to comply with the JORC Code 2012 edition on the basis that the information has not materially changed since it was last reported.*

**Competent Persons Statement**

*The information included in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr A Byass, B.Sc Hons (Geol), B.Econ, FSEG, MAIG an employee of Ironbark Zinc Limited. Mr Byass has sufficient experience that 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Byass consents to the inclusion in the report of the matters based on this information in the form and context in which it appears and that the historical information was compliant with the relevant JORC Code, 2004 Edition.*

**Competent Persons Disclosure**

*Mr A Byass is an employee of Ironbark Zinc Limited and currently holds securities in the company.*