

The Manager - Company's Announcements  
Australian Securities Exchange

## QUARTERLY ACTIVITIES REPORT PERIOD ENDING 30 SEPTEMBER 2015

### HIGHLIGHTS

- **Focus continuing towards granting of Mining Licence for Citronen Base Metal Project in Greenland**
    - **Public consultation process commenced**
    - **Greenland Presentation Timetable set**
    - **Meetings held with NFC and Greenland Minister for Mines in China**
  - **High-grade results for Mestersvig Project**
- 

Ironbark Zinc Limited (ASX: IBG) ("Ironbark" or "the Company") is pleased to report its activities for the period ending 30 September 2015, which were focused on the advancement of the Citronen Base Metals Project ("Citronen") in Greenland. In addition to progress made at Citronen, the Company also announced a substantial upgrade to the economic potential of its Mestersvig Project.

During the quarter, Ironbark was informed that the Citronen project Exploitation Licence (Mining Licence) Application materially fulfils the requirements for conducting a public consultation. A Mining Licence application in Greenland is a comprehensive document encompassing regulations covering all aspects of the proposed mine, including environmental permitting and social commitments. Following approval, the Mining Licence would provide Ironbark with the right to mine at Citronen for a period of 30 years.

Greenland's authorities have demonstrated sustained support for the development of Citronen, whose development will bolster the nation's desire to establish a mineral and petroleum mining industry. Zinc and lead minerals have been approved for exploitation in Greenland, which has a history of zinc and lead mining and continues to seek to establish a mining industry.

## Global Zinc Market Summary



Two year zinc stockpiles in the London Metal Exchange, the largest zinc warehouse, and highlights the trend of demand exceeding supply

This quarter has been very challenging for both zinc companies and the commodities sector in general. While the zinc price has retreated under the broader pressure of falling commodity prices amidst concerns about China growth prospects, it maintains a strong medium to long term upside due to the zinc supply imbalance. In addition to the closure of two major zinc mines this year (Century mine in Australia has already closed and will be followed later this year by Ireland's Lisheen mine), on 9 October 2015 Glencore announced "a 500,000 tonne reduction of contained zinc metal mine production across its operations in Australia, South America & Kazakhstan. The main reason for the reduction is to preserve the value of Glencore's reserves in the ground at a time of low zinc and lead prices, which do not correctly value the scarce nature of our resources."

### Citronen's Mining Licence Application: Public Consultation phase commenced

During the quarter, Ironbark received notice from the Greenland Ministry of Industry, Labour and Trade (MILT), the Environmental Agency for Mineral Resources Activities (EAMRA) and the Ministry of Mineral Resources confirm that the Company's Mining Licence Application submitted materially fulfils the requirements for conducting a public consultation.

Ironbark has since been provided dates for the formal public consultation meetings to take place between 14 and 16 November 2015. A series of presentations in English, Danish and Greenlandic will be conducted in the following locations:

- 1) Nuuk
- 2) Kangerlussuaq
- 3) Sisimiut
- 4) Ilulissat

In addition to the formal consultation meetings further community meetings are planned in Qaanaaq and Tasiilaq with dates yet to be confirmed.

A list of participants presenting the project is detailed below:

Institution (shortened)	Position	Name
Ministry of Industry	Naalakkersuisoq / Minister	Vittus Qujaukitsoq
Ministry of Industry	Deputy minister – comments the SIA	Jørn Skov Nielsen
Ministry of Industry	Head of section	Janus Munk
Ministry of Mineral Resources	Naalakkersuisoq / Minister	Andreas René Uldum
Ministry of Mineral Resources	Head of department	Søren Sohn Krog Petersen
Ministry of Environment	Naalakkersuisoq / Minister	Mala Høy Kúko
Ministry of Environment	Head of section	Thomas Olsen
DCE	Comments the EIA	Peter Aastrup
The Premier's Office	Information and minutes	Paornáguag Kleist
Translations office	Translations Greenlandic / Danish	Johan Rosbach
Ironbark	Director of Engineering	Gregory Campbell
Ironbark	Managing Director	Jonathan Downes
Ironbark	Environmental Manager	Jane O'Neil
Ironbark	Consultant, Sweco Danmark A/S	Camilla Christensen

Ironbark is also responsible for drafting a White Paper with the purpose of transparently addressing relevant consultation statements and comments on the project, which will be submitted following the consultation period. In the White Paper, Ironbark will address all the comments and state which sections of the SIA and EIA reports have been changed due to comments or questions from the submitted consultation responses.

Following the public consultation process Ironbark will enter into an Impact Benefit Agreement (IBA) which will be used to provide a formal framework for Ironbark's obligations under the SIA, including training and employment commitments to the Greenlandic people.

Citronen is recognised as one of the world's largest credible zinc development projects at an advanced post-feasibility stage. Ironbark is encouraged by the continued global drawdown in the zinc stockpiles which has, over the last three years, moved towards a supply deficit which is widely expected to accelerate following the closure of several large mines.

### **New, high-grade results for Mestersvig Project, Greenland**

Ironbark announced a significant increase in the mineralisation width and grade within one of its drill holes at the Sortebjerg Prospect (Mestersvig Project), Greenland. The 2011 drill hole, SB017, was drilled at the high grade Sortebjerg Vein Prospect which outcrops 8km to the south of the historic Blyklippen Mine.

Significant results from SB017 were originally reported as **2.5m @ 8.9% Zn & 2 g/t silver** (ASX release 16 November 2011). A laboratory error was recently reported to the company which revealed that the intercept is in fact **4.95m @ 11.23% Zn & 2.9 g/t Ag** (ASX release 30 July 2015). This intercept represents a 150% increase in contained metal and substantially upgrades the economic potential of the prospect, given the widely spaced drilling. High grade sulphide mineralisation is now interpreted to occur over a 1.5km strike and remains open on strike and at depth.

Ironbark conducted a three-hole diamond drilling programme at the Sortebjerg prospect in 2011 whilst drilling nearby Blyklippen (Figure 1).

The drilling targeted extensions of observed base metal mineralisation hosted in steeply dipping, north-trending fault zones. Abundant sphalerite (zinc sulphide ore mineral) was noted in quartz veins within the fault zone and all three drill holes intersected high grade mineralisation with significant results including:

- SB017:** 4.95m @ 11.23% Zn & 2.9g/t Ag from 5.8m
- SB018:** 0.5m @ 11.45% Zn & 5.4g/t Ag from 6.4m
- SB018:** 1.0m @ 17.95% Zn & 4.2g/t Ag from 21.8m
- SB019:** 1.0m @ 17.33% Zn & 2.8g/t Ag from 53.8m

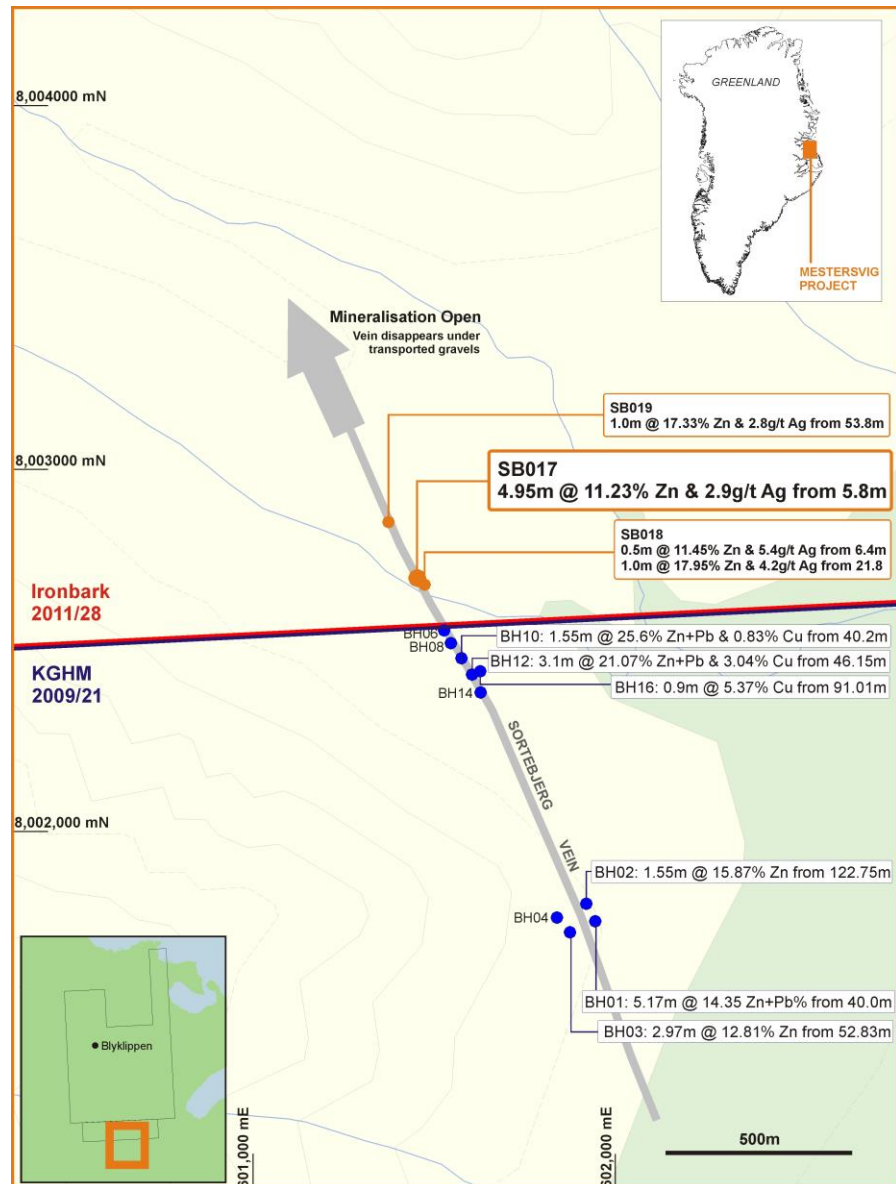


Figure 1: Drilling & significant results from the Sortebjerg Prospect.

### Notice of Annual General Meeting

Post-quarter, Ironbark advised its Annual General Meeting will be held on 25<sup>th</sup> November at 10:30am (WST) at the Company's registered office: Level 1, 350 Hay Street, Subiaco W.A.

### Director resignation & appointment

Post-quarter, Ironbark announced Mr. Chris James' resignation as a Non-Executive Director of Ironbark due to taking another role outside of Nyrstar NV (Nyrstar), and the appointment of Mr. Jason Dunning as Nyrstar's replacement nominee. The Board of Ironbark thanks Mr. Chris James for his outstanding contribution and welcomes Mr. Jason Dunning.

### **Cash at 30 September 2015**

Cash available to the Company at the end of the September 2015 quarter was approximately \$1.67 million with no debt. During the quarter numerous cost saving measures were implemented across the company including salary reductions.

**End.**

For further information please visit Ironbark's website [www.ironbark.qi](http://www.ironbark.qi) or contact us:

Jonathan Downes  
Managing Director  
T +61 8 6461 6350  
E: [info@ironbark.qi](mailto:info@ironbark.qi)

James Moses  
Mandate Corporate  
T +61 2 8012 7702  
E [james@mandatecorporate.com.au](mailto:james@mandatecorporate.com.au)

**Schedule of Tenements (as required by ASX Listing Rule 5.3.3)**

<b>IRONBARK ZINC LIMITED CONSOLIDATED BASIS SCHEDULE OF INTERESTS IN MINING TENEMENTS</b>				
<b>Project</b>	<b>Mining tenements held</b>	<b>Location of tenements</b>	<b>Beneficial % interest at end of the quarter</b>	<b>Change in the quarter</b>
Belara	EL6576	New South Wales	0%	100%
Captains Flat (Joint Venture with Glencore)	EL6381	New South Wales	50%	
Fiery Creek	EL6925 EL8107	New South Wales	100%	
Citronen	EL2007/02 EL2007/31 EL2011/33 EL2010/47	Greenland	100%	
Mestersvig	EL2011/28 EL2007/32	Greenland	100%	
Washington Land	EL2007/33	Greenland	100%	

**About Ironbark**

Ironbark is listed on the Australian Securities Exchange and is seeking to become a base metal mining house. Ironbark has an undrawn US\$50M funding facility provided by Glencore to expand its project base through acquisition.

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.

The wholly owned Citronen base metal project currently hosts in excess of 13.1 Billion pounds of zinc (Zn) and lead (Pb).

The current JORC 2012 compliant resource for Citronen:

**70.8 million tonnes at 5.7% Zn + Pb**

Category	Mt	Zn%	Pb%	Zn+Pb%
Measured	25.0	5.0	0.5	5.5
Indicated	26.5	5.5	0.5	6.0
Inferred	19.3	4.9	0.4	5.3

*Using Ordinary Kriging interpolation and reported at a 3.5% Zn cut-off*

Including a higher grade resource of:

**29.9 million tonnes at 7.1% Zn + Pb**

Category	Mt	Zn%	Pb%	Zn+Pb%
Measured	8.9	6.6	0.6	7.2
Indicated	13.7	6.8	0.5	7.3
Inferred	7.3	6.2	0.5	6.6

*Using Ordinary Kriging interpolation and reported at a 5.0% Zn cut-off*

---

***“Ironbark is an emerging leader amongst Australia’s mineral resource companies, dedicated to the development of its major base metal mining operation in Greenland – the world class Citronen Project, and the acquisition of quality base metals projects.”***

---

## **Disclosure Statements and Important Information**

### **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.

### **Competent Persons Statement**

The information included in this report that relates to Exploration Results & Mineral Resources is based on information compiled by Mr A Byass (B.Sc Hons (Geol), B.Econ, FSEG, MAIG) and Ms E Laursen (B. ESc Hons (Geol), MSEG, MAIG), both employees of Ironbark Zinc Limited. Mr Byass & Ms Laursen have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking 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. Mr Byass & Ms Laursen consent to the inclusion in the report of the matters based on this information in the form and context in which it appears

### **Competent Persons Disclosure**

Mr A Byass & Ms E Laursen are employees of Ironbark Zinc Limited and currently hold securities in the company.