

The Manager - Company's Announcements Australian Securities Exchange

28 January 2015

# Quarterly Activities Report Period Ending 31 December 2014

# **HIGHLIGHTS**

- Exploitation Licence (Mining Licence) Application Lodged with Greenland Government authorities for the Citronen Zinc Project
- Environment Agency for Mineral Resource Activities in Greenland advises all environmental issues treated satisfactorily in Ironbark's Environmental Impact Assessment
- Progress continuing towards granting of Mining Licence
- Citronen Resource upgraded to JORC 2012
- Zinc stockpile draw-down ongoing and accelerating
- Ownership increased to 50% at Captains Flat Project in NSW

## **Managing Director's Report**

Ironbark Zinc Limited (ASX: IBG) ("Ironbark" or "the Company") is pleased to report on its activities for the period ending 31 December 2014 as it advances towards bringing the world class Citronen Base Metal Project ("Citronen") into development.

Throughout the quarter, Ironbark was pleased to announce the Company's lodgement of the formal Mining Licence application for the Citronen Project with the Greenland Government authorities, a defining step forward in Ironbark's development of Citronen.

Greenland is seeking to develop a strong mineral and petroleum industry and has returned very high global rankings on the annual Fraser Institute survey. 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

A Mining Licence application in Greenland is comprehensive and encompasses regulations which cover 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.

The Mining Licence application, which has been prepared in significant consultation with the relevant Greenlandic and Danish authorities, comprises the following documents:

- Feasibility Study
- Social Impact Assessment (SIA)
- Environmental Impact Assessment with base line surveys (EIA)
- Navigational Safety Investigation (NSI)



The current stages of the Mining Licence application process require Ironbark to manage a public consultation process and to enter into an Impact Benefit Agreement (IBA). The IBA is a document used to provide a formal framework for Ironbark's obligations such as training and employment commitments to the Greenlandic people.

Recently (post-December quarter), the Company announced it had received an update from the Environment Agency for Mineral Resources Activities – Danish Centre for Environment and Energy (DCE) regarding the Exploitation Licence Application (Application) for the Citronen Base Metal Project in Greenland.

The DCE review of Ironbark's Environmental Impact Assessment (EIA) and its appendices (with reference to its suitability for being published on the Naalakersuisut Public consultations as part of the public hearing process) found that all environmental issues have now been treated satisfactorily in the EIA.

Citronen is one of the world's largest credible zinc development projects at an advanced post-feasibility stage and, while a great deal of work remains to take Citronen through to financed production, Ironbark's team remains motivated by Citronen's prospects for growth and development.

Ironbark is continuing to work closely with China Nonferrous on a construction and financing solution to the development of Citronen. Ironbark is currently operating under a Memorandum of Understanding and is advancing this through to a detailed scope of works. The information is currently being prepared in a format suitable for review by Chinese banks.

Ironbark is encouraged by the continued global drawdown in the zinc stockpiles which has, over the last three years, proven a supply deficit scenario that is widely expected to accelerate following the closure of the large Century (Australia) and Lisheen (Ireland) zinc mines later in 2015. The zinc metal price is expected to rise as a result of tightening supply, and Figure 1 shows the one year zinc stockpiles in the London Metal Exchange, the largest zinc warehouse, and highlights the trend showing demand exceeding supply.



Figure 1: LME Zinc Stockpile and interpreted trends



Ironbark considers the circumstances causing the supply constraints to be unique to the zinc industry and that decades of under investment in the fourth most used metal will continue to support the zinc price and our vision of building a major zinc mine.

During the quarter Ironbark upgraded Citronen in accordance with ASX Listing Rule 5.8 and compliance with the 2012 JORC Code.

## 70.8 million tonnes at 5.7% Zn + Pb

At a 3.5% Zn cut-off

Including a higher grade resource of

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

At a 5.0% Zn cut-off

- 315 holes totalling 67,083 metres of diamond drilling completed to date
- 11km strike of drilling containing economic grade mineralisation\*
- 91% of effectively drilled holes intersected sulphide mineralisation
- 73% of effectively drilled holes intersected economic grade mineralisation\*
- Deposit open in every direction huge exploration potential
- Exploitation (Mining) Licence Application lodged October 2014

\*Economic grade mineralisation being a minimum of 2.0m @ 3.5% Zinc based on the Citronen Feasibility Report, 29 April 2013.

A total of 315 diamond drill holes totalling 67,083m have been completed at the project since exploration began in 1993. The strike length of the mineralised holes of economic grade is 11 kilometres and the strike length of the area containing the current resource is over 6.5 kilometres (Figure 2). 91% of effectively drilled holes (holes completed to target depth) at the project have intersected sulphide mineralisation with 73% of the holes intersecting economic mineralisation of more than 2.0m at 3.5% Zinc. The project is open in almost every direction and many economic intercepts are outside the current resource wireframe. Further details relating to this release were lodged on the ASX on 25 November 2014.



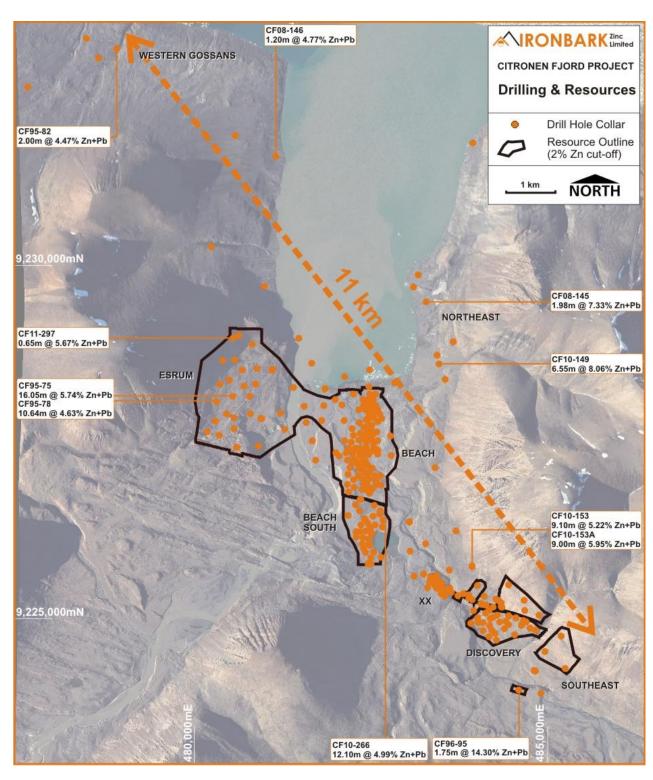


Figure 2: Citronen Project drill holes and resource outline highlighting the strike length of known mineralisation and high grade drill intercepts outside or at the edge of the current resource.



Ironbark has continued to explore business development opportunities available through its US\$50M Glencore mergers and acquisition funding facility and is consistently reviewing promising opportunities to complement the Company's project portfolio.

Ironbark continues to be well-funded and focused on delivering shareholder value through building a globally significant base metals mining house. Cost reduction measures remain in place across all levels of the business, ensuring Ironbark minimises shareholder dilution and is in the optimum position to reap the benefits of the forecast improvement of the global zinc market.

#### Ownership of Captains Flat Project increased to 50%

During the December quarter, Ironbark renegotiated the joint venture agreement for the Captains Flat base metals project in NSW, taking on equal joint title of Project with its Joint Venture partner, Glencore.

Captains Flat comprises one Exploration Licence and was previously held by Rutila Resources Limited, with Ironbark and NSW Base Metals earning up to 75% of the Project. The new Joint Venture Agreement replaces the Rutila-Ironbark-Glencore Joint Venture Agreement. Ironbark will issue one million Ironbark shares to Rutila and a minor cash adjustment. Both JV partners will pay a proportional share of a 0.25% trailing production royalty to Rutila.

Ironbark and Glencore have already enjoyed exploration success with significant base metal intercepts returned from the Jerangle Prospect drilling in 2013, and look forward to continuing their work on this significant and underexplored proven high grade base metals province.

#### Cash at 31 December 2014

Cash available to the Company at the end of the December 2014 quarter was approximately \$3.2 million with no debt.

#### **Changes to the Board of Directors**

During the December quarter, Mr. John McConnell stepped down from his role as Non-Executive Directory due to other commitments, effective from the Company's Annual General Meeting.

#### **Annual General Meeting**

Ironbark held its Annual General Meeting of Shareholders on 20 November 2014 at the Company's registered office in Subiaco, Western Australia. All resolutions put to the meeting were passed unanimously by a show of hands. For a summary of the resolutions passed, refer to the Company's ASX announcement on 20 November 2014.

#### End.

For further information please visit Ironbark's website <a href="www.ironbark.gl">www.ironbark.gl</a> or contact us:

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

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



#### **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 and is dedicated to delivering shareholder value through 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 Gibbon (B. ESc Hons (Geol), MSEG, MAIG), both employees of Ironbark Zinc Limited. Mr Byass & Ms Gibbon 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 Gibbon 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 Gibbon are employees of Ironbark Zinc Limited and currently hold securities in the company.