

30 October 2019

Company Announcements

Australian Securities Exchange Limited
Level 40, Central Park,
152-158 St Georges Terrace
PERTH WA 6000

QUARTERLY ACTIVITIES REPORT PERIOD ENDING 30 SEPTEMBER 2019

Ironbark Zinc Limited (“**Ironbark, the Company**”) (ASX: IBG) hereby provides a report on its activities for the period ending 30 September 2019.

During the quarter the Company undertook a major restructuring of the Board with the objective of injecting new skills and a fresh approach to securing the development of the Citronen Project. Michael Jardine was appointed Managing Director, replacing Jonathan Downes, and, Dr. Fred Hess was appointed Chairman replacing Peter Bennetto.

During the quarter Ironbark conducted several new initiatives to increase the project value and enhance its attractiveness to potential partners and investors. A revised mining schedule that brings forward higher grade ore was prepared. The initial work on undertaking a staged development of the Citronen Project with a lower capex and higher grade starter project targeting circa 1Mtpa is also well advanced.

The Company also successfully resolved its dispute with Glencore International AG (**Glencore**) and was awarded costs.

While the short term market outlook for world trade (and subsequent demand for metals) remains clouded, the longer term demand prospects for zinc remain optimistic and support the continued efforts to secure development of the Citronen Project.

HIGH GRADE MINING STUDIES

Ironbark identified that the Citronen project has a grade tonnage curve that hosts a large high-grade resource, primarily in the Beach and Esrum resource areas (as released to the ASX on 11 September 2019) (Figure 1).

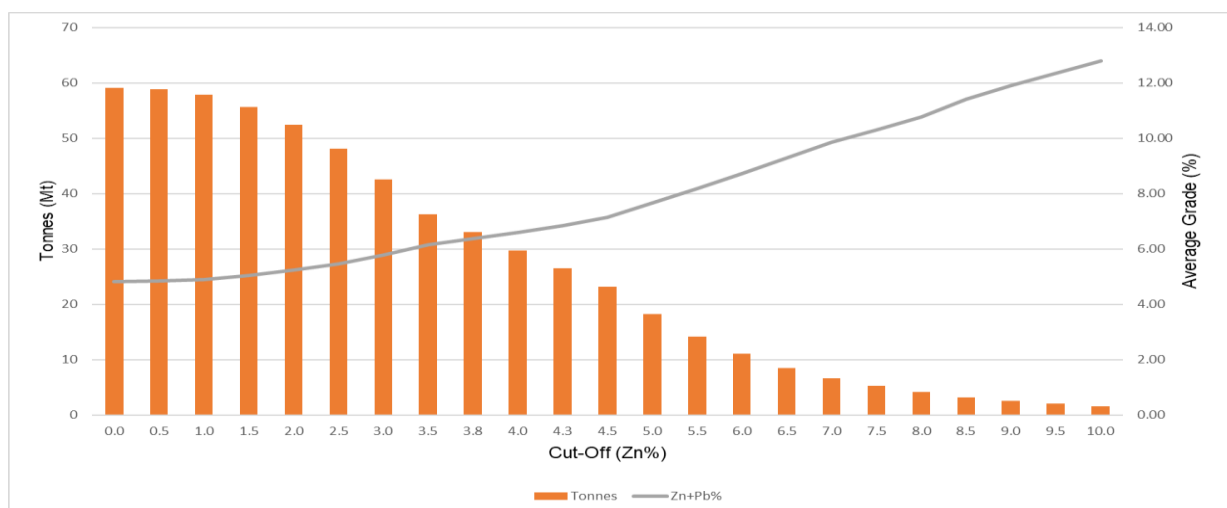


Figure 1: Grade Tonnage Curve for Citronen (refer to ASX announcement 23 July 2019)

Ironbark has focused on developing one of the world's largest zinc mines and believes it has the resource base to support these aspirations. As previously announced Ironbark has been given strong expressions of support by leading international commercial banks and indicated that the project is likely to support US\$300M in debt to partly fund the currently planned mine development¹.

The challenge lies in solving the equity component of the project while facing relatively challenging market conditions. Ironbark continues to consider a wide range of financing solutions that better suit the broader current market.

HIGH GRADE SCHEDULE FOR 3.3Mt/pa MINING STUDY

Ironbark engaged Mining Plus, a leading international Mining Consultancy, to review the current Mining Schedule¹ that underlies the existing Feasibility Study (ASX release 12/09/2017). During the quarter Ironbark released the initial review over the 3.3 Mt/pa case that produced a modified Mining Schedule that delivers an increase in head grade of 6.15% zinc in the first year (to 8.41% zinc and 0.65% lead) and an increase in the head grade by 5.74% over the first 4 years. This is backed up with an overall increase in the zinc head grade by 5.74% in the first 4 years (Figure 2). This result is a very encouraging outcome for the project's early period of production and will bring forward the mining of a further 35,600 tonnes of zinc metal in the first 4 years. Further engineering work is ongoing.

¹ Refer to ASX announcement 12 September 2017. Subject to final due diligence and other industry standard review procedures Ironbark is not aware of any new information or data that materially affects the information included in this ASX release, and Ironbark confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the estimates in this release continue to apply and have not materially changed.

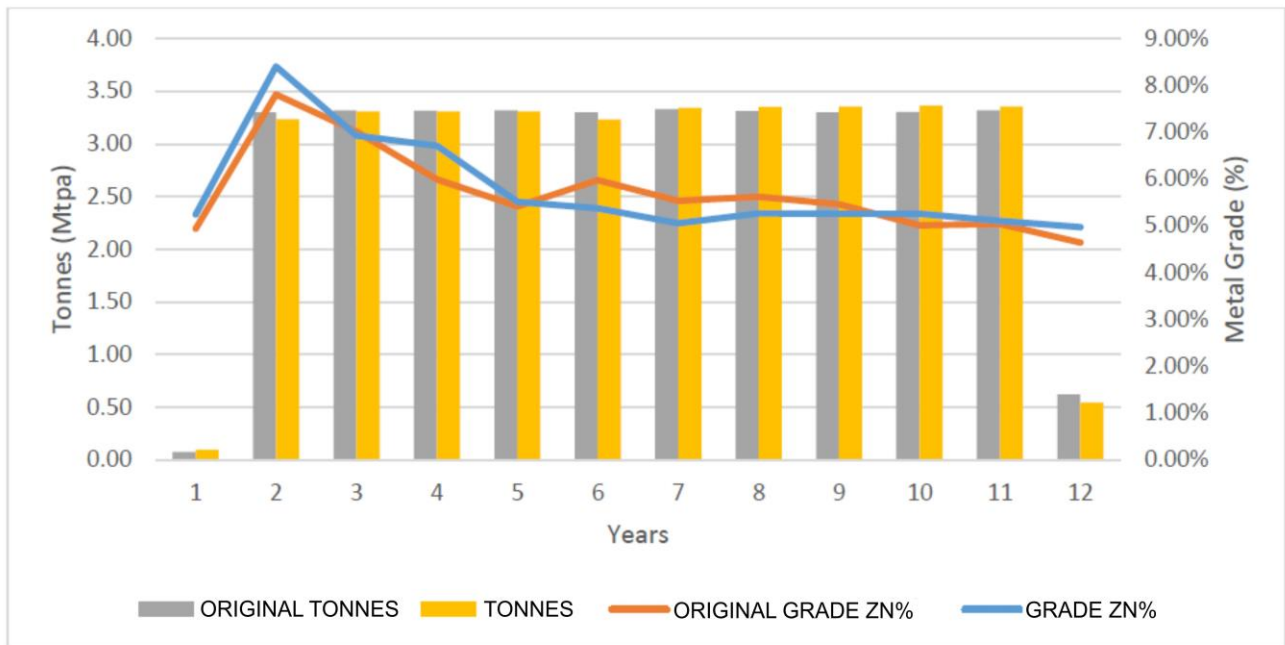


Figure 2: 3.3Mt/pa Case - Previous Mining Schedule vs Revised Mining Schedule

A breakdown of the planned mine development is provided on a yearly basis for comparison purposes in Figure 3.

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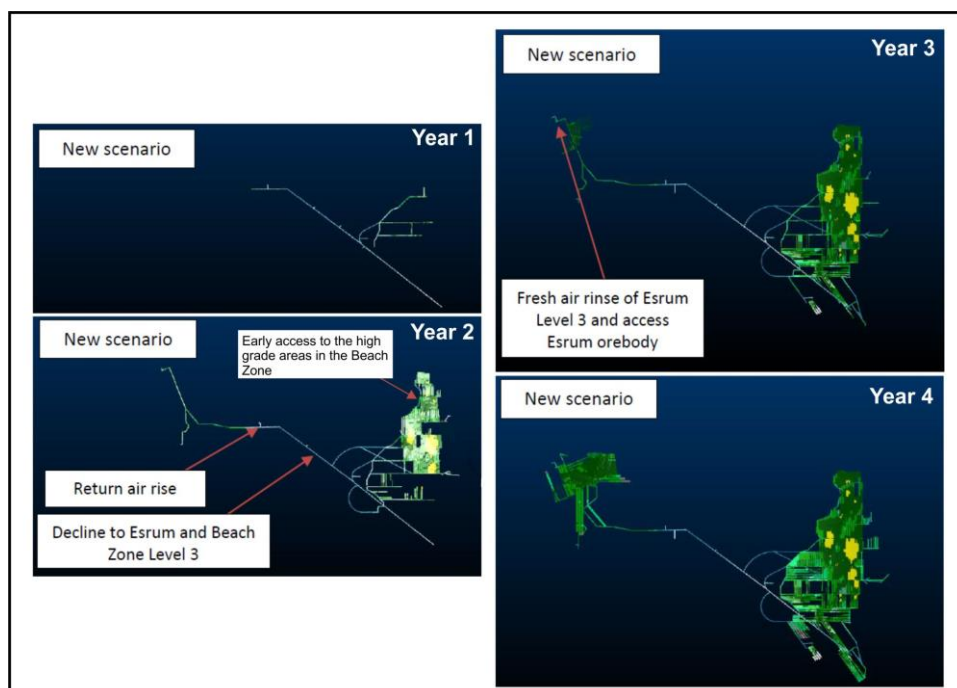


Figure 3: Yearly Plan View of the planned mine development

HIGH GRADE SCHEDULE FOR 1Mt/pa MINING STUDY

Mining Plus completed a revised model to develop a smaller initial operation with a targeted 1Mtpa production rate. This opportunity is expected to provide:

- Substantially lower capital costs
- Higher grade mine from a reduced mining rate which will facilitate a substantially higher-grade inventory in the early years and the opportunity to expand production subsequently during more favourable market conditions.
- The existing exploration target resource will not be significantly impaired by a high grade start up mine.
- The opportunity to target a higher-grade but reduced scale operation is supported by existing drilling that has most of the Beach Zone (the highest-grade portion of the Citronen resource) being shallow and in the Measured Category. This study is unlikely to require any further site work.
- The Beach Zone mineralisation starts at only 40 metres below surface and is adjacent to the planned deep-water shipping point.

This is expected to allow an expansion to the original Feasibility Study output at a later time and is considered to be a Stage 1 approach to the proposed mine.

Ironbark provided an update on the Company's high-grade mining review. With preliminary results showing an increase in grade over the first 10 years of 23% from the original large scale (3.3Mtpa) mine plan¹, the revised mining schedule will form the basis for a study on an alternative 1Mtpa operation to be considered by the IBG Board.

This study was focussed on the potential to develop a smaller, 1Mtpa start-up mine with expected associated lower capital costs. It is anticipated that the smaller scale operation will be designed to ramp up to the full scale 3.3Mtpa case at a later date. The review has produced a modified Mining Schedule that provides an increased head grade to 10.4% zinc+lead in the first year of full production and a mined head grade of 8.9% zinc+lead over the first 4 years at full production rate of 1Mtpa (Figure 4). This high-grade result will provide the basis for ongoing studies as a revised smaller scale capital cost is evaluated. The engineering costs of the smaller high-grade operation are currently under review. Further engineering work will be required before the economic results can be reported. Ironbark is currently working on providing the details of this new schedule and its economic impact to the market once the work has been incorporated into the Feasibility Study (ASX Release 12 September 2017).

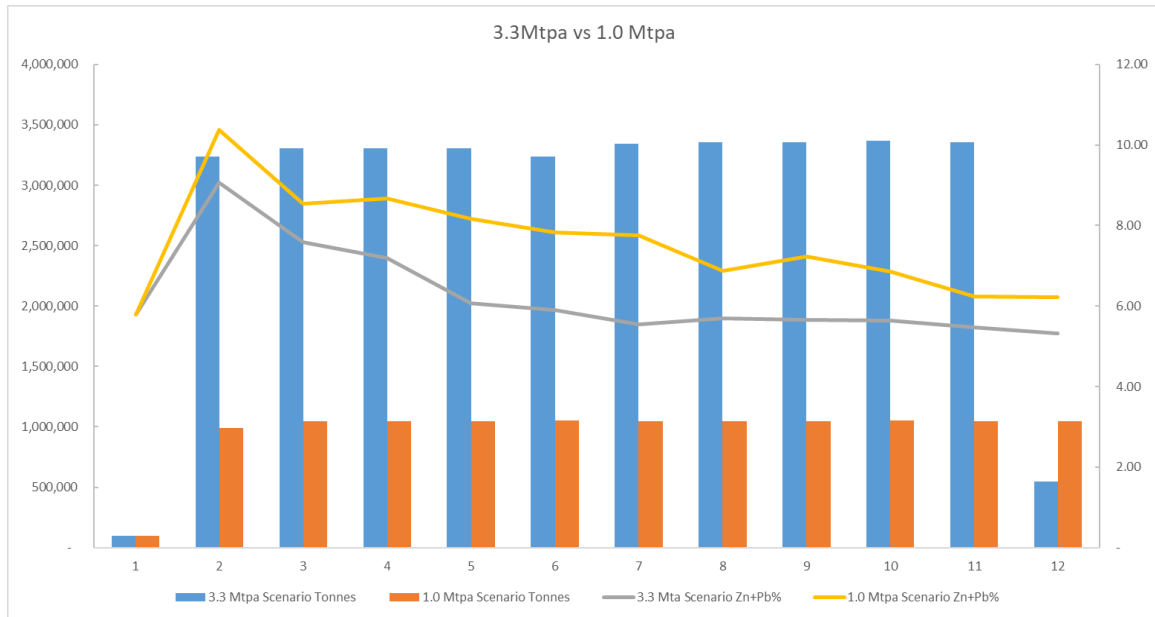


Figure 4: 1Mtpa Case - Previous Mining Schedule vs Revised Mining Schedule.

A breakdown of the planned mine development is provided in Figure 5.

Ironbark is not aware of any new information or data that materially affects the information included in this ASX release, and Ironbark confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the estimates in this release continue to apply and have not materially changed.

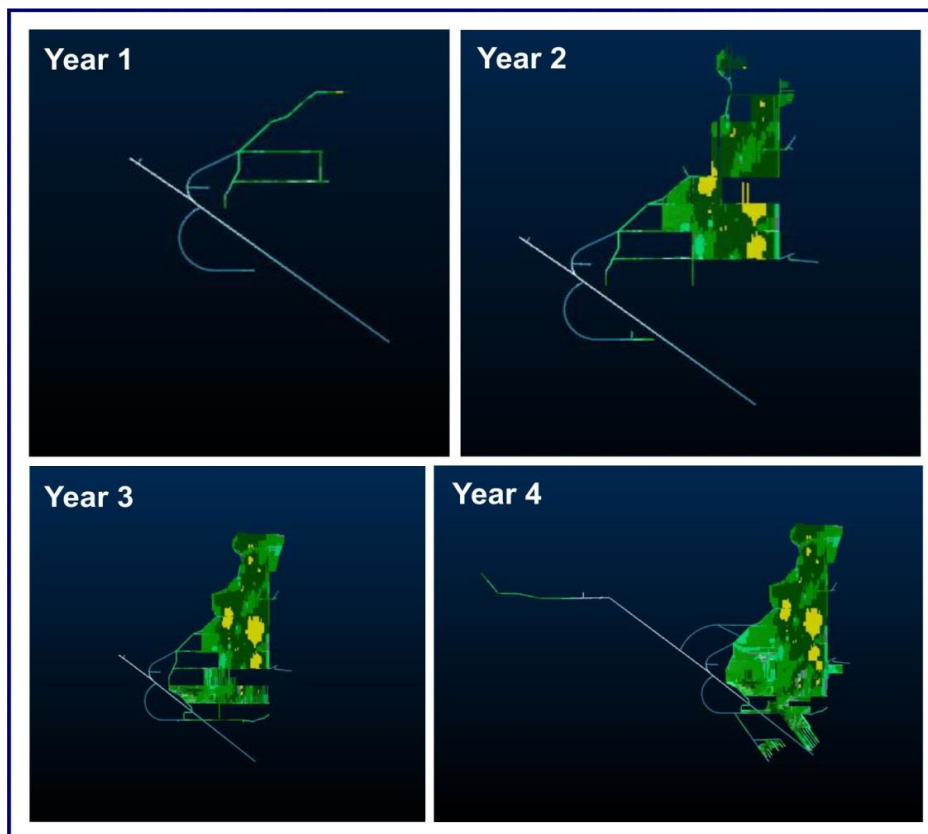


Figure 5: Proposed mine development plans Years 1 -4.

This work provides an exciting platform to commence with a more modest project scale better suited to the current economic climate. The major engineering work will be directly applicable to this revised Study and is not expected to require any further site work.

OTHER UPDATES

During the quarter Ironbark announced that it completed a Share Purchase Plan ("SPP"). The SPP which opened 10 July 2019 was well supported by shareholders with the total funds of approximately \$2M having been received and accepted.

CASH POSITION

The Company holds a cash position at the end of the September 2019 quarter of approximately \$1.4M with no debt.

Subsequent to the end on this quarter, Ironbark successfully raised a further \$1M (before costs), as announced to the ASX on 25 October 2019.

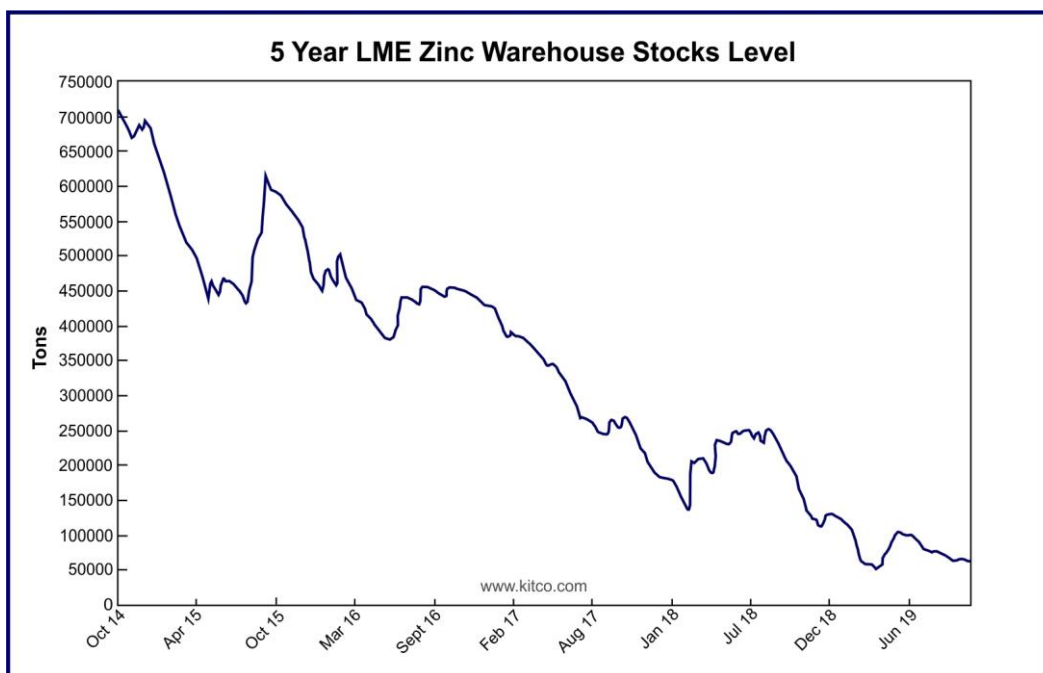
ZINC MARKET

During the quarter the zinc price has suffered from the ongoing global volatility and international trade uncertainty that dominates the commentary.

Whilst the critical shortage of zinc held in official stockpiles remains apparent (see Figure 6), the sustained high treatment charges seen across the sector in the last ~6 months at least partially supports the theory that there are unofficial stockpiles held at smelters worldwide.

From June to September 2019 zinc stockpiles held in the London Metal Exchange (LME) have remained at similar very low levels, being currently less than 2 days global average consumption.

Figure 6: LME Zinc Stockpiles



For further information please visit Ironbark's website www.ironbark.gl or contact us:

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ABOUT IRONBARK

Ironbark is listed on the Australian Securities Exchange and is seeking to become a base metal mining house. 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 through acquisition. 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). For full details refer to ASX announcement 25 November 2014 – Citronen Project Resource Update – JORC 2012 compliant resource. Ironbark is not aware of any new information or data that materially affects the information included in this ASX release, and Ironbark confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the resource estimates in this release continue to apply and have not materially changed.

The current JORC 2012 compliant resource at 6.0% Zn cut-off for Citronen:

17.64 Mt @ 8.24%Zn+Pb

Beach Zone					
	Cut-off	Tonnes	Zn%	Pb%	Zn+Pb%
Measured	6.0%	5,031,646	8.00	0.75	8.75
Indicated	6.0%	5,176,277	8.14	0.71	8.86
Inferred	6.0%	786,650	7.14	0.54	7.68
Total	6.0%	10,994,572	8.00	0.72	8.72

Esrum Zone					
	Cut-off	Tonnes	Zn%	Pb%	Zn+Pb%
Measured	6.0%				
Indicated	6.0%	3,996,827	7.23	0.47	7.70
Inferred	6.0%	2,648,161	6.55	0.50	7.05
Total	6.0%	6,644,987	6.96	0.48	7.44

Beach + Esrum Zones					
	Cut-off	Tonnes	Zn%	Pb%	Zn+Pb%
Measured	6.0%	5,031,646	8.00	0.75	8.75
Indicated	6.0%	9,173,104	7.74	0.61	8.35
Inferred	6.0%	3,434,811	6.69	0.51	7.19
Total	6.0%	17,639,561	7.61	0.63	8.24

Reported at a 6.0% cut-off using Inverse Distance Squared Interpolation (ASX Release 23/07/2019)

“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

The following information is not intended to guide any investment decisions in Ironbark Zinc Limited. This material contains certain forecasts and forward-looking information, including possible or assumed future performance, costs, production levels or rates, reserves and resources, prices and valuations and industry growth and other trends. Such forecasts and information are not a guarantee of future performance and involve many risks and uncertainties, as well as other factors. Actual results and developments may differ materially from those implied or expressed by these statements and are dependent on a variety of factors. The Company believes that it has a reasonable basis for making the forward looking statements in the announcement, based on the information contained in this and previous ASX announcements.

The Citronen Zinc Project is considered to be at an early development stage and will require further regulatory approvals and securing of finance and there is no certainty that these will occur. Nothing in this material should be construed as either an offer to seek a solicitation or as an offer to buy or sell Ironbark securities. Consideration of the technical and financial factors requires skilled analysis and understanding of their context.

Ironbark is not aware of any new information or data that materially affects the information included in this ASX release, and Ironbark confirms that, to the best of its knowledge, all material assumptions and technical parameters underpinning the estimates in this release continue to apply and have not materially changed.

Competent Persons Statement

The information included in this report that relates to Exploration Results & Mineral Resources is based on information compiled by Ms Elizabeth Clare Laursen (B. ESc Hons (Geol), GradDip App. Fin., MSEG, MAIG), an employee of Ironbark Zinc Limited. Ms Laursen has 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. Ms Laursen consents 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

Ms Laursen is an employee of Ironbark Zinc Limited and currently holds securities in the company.



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 Licence and tenements held	Location of tenements	Beneficial % interest at end of the quarter	Change in the quarter
Captains Flat (Joint Venture with Glencore)	EL6381	New South Wales	50%	
Fiery Creek	EL6925	New South Wales	100%	
Citronen	ML2016/30 EL2007/31 EL2010/47 EL2019/10	Greenland	100%	
Mestersvig	EL2011/28 EL2007/32 EL2016/22	Greenland	100%	
Washington Land	EL2007/33	Greenland	100%	