

14 July 2022

Company Announcements

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

QUARTERLY ACTIVITIES REPORT PERIOD ENDING 30 JUNE 2022

Ironbark Zinc Limited (“Ironbark”, “the Company” or “IBG”) (ASX: IBG) hereby provides a report on its activities for the quarter ending 30 June 2022.

Highlights

Citronen

- EXIM Phase 2 Due Diligence remains ongoing with a site visit scheduled for late July 2022
- Strategic Equity process well advanced with the Board now considering a range of options to pursue
- MOU with Norway based Leonhard Nilsen & Sønner (LNS) announced May 2022

Corporate

- Work has continued on assessing dual offshore listing structures at a reduced intensity given largely closed IPO markets offshore in recent months
- \$2.92 million Cash at Bank as at 30 June 2022

Zinc Market

- Zinc traded between US\$1.47 and \$2.05/lb for the entire June quarter, weakening subsequent to the quarter end. At the time of writing the spot price remains above the Citronen 2021 BFS price of US\$ 1.30/lb
- Large mining companies and investors continue to favour capital returns over growth projects with this trend only strengthening given recent macroeconomics concerns. With no major new greenfield zinc projects announced in recent months, despite at times elevated pricing, a bullish supply / demand thematic remains intact in the long term.

Ironbark Zinc Limited Managing Director:

“Our focus for much of the June quarter has been on progressing our proposed EXIM debt financing as well as the ongoing strategic equity process. Substantial progress was made on both workstreams and the July site visit by EXIM, the first one in several years due to Covid related travel restrictions, will be another important milestone in the process.”

Projects - Citronen

US EXIM Bank Progress

In the June quarter:

- Further face to face meetings took place in Washington between Ironbark, EXIM and its advisors; with engagement now commenced between EXIM and the Government of Greenland on potential investments in the country
- Draft Technical and ESG due diligence reports were completed in the quarter with discussion of the findings ongoing (no final determinations will be made prior to in-country work scheduled to take place in July and September 2022)
- Preparation was completed for EXIM's second Transaction Review Committee (TRC 2) meeting due to take place in July 2022
- Financial and Legal due diligence remains ongoing; EXIM Bank is yet to appoint its Shipping or Market Advisers

The visit to Citronen Fjord will take place in late July with EXIM staff and advisers visiting the site along with a range of attendees from Ironbark, the Government of Greenland and LNS. This site visit is a standard due diligence step for EXIM Bank, and, given the current summer only access to Citronen, is occurring at the earliest possible opportunity.

Strategic Equity Process

The equity process continues to move in parallel with the EXIM Bank Phase 2 due diligence program as expected. The formal process that commenced several months ago is now well advanced with Ironbark working through several options to attract the necessary equity required to allow a decision to proceed to construction.

Of most interest to prospective investors is Citronen's potential ability to act as a stable and reliable supplier of zinc concentrate to the downstream market over a multi-decade timeline, sourced from a high ESG performing jurisdiction. Few zinc projects globally can match Citronen for scale and state of readiness today.

The MOU struck between Ironbark and Arctic specialist LNS has also emanated from the Strategic Equity Process and presents further options for developing the project. The meshing of LNS' high latitude operational expertise with the Citronen asset is a genuinely new combination with the potential to substantially reduce overall project execution risk.

Projects - Australia

Fiery Creek (EL 6925)

The proposed survey work on EL 6925 remains on hold pending consistent access to site. The Board's intention remains unchanged in the interim with a drilling campaign planned once the permitting process has been completed.

Captains Flat (EL 6381)

Ironbark, together with JV partner Glencore, continues to assess options for value realisation from EL 6381. No work occurred on the Captains Flat Project in the June quarter.

Corporate

ASX Listing Rule 5.4.5 Disclosure

Payments to related parties during the quarter as outlined in Sections 6.1 and 6.2 of the Appendix 5B consisted of \$97,043 in directors' fees and fees to the Managing Director under his executive services agreement.

The Company's cash balance, as at 30 June 2022, was **AUD \$2.92 million**. Project expenditure will remain elevated in the coming months due to costs associated with EXIM Phase 2 due diligence, and licence related commitments to the Government of Greenland.

Further Inquiries

Contact and person who authorised the announcement:

Managing Director Michael Jardine on +61 424 615 047 or mjardine@ironbark.gl for any further inquiries.

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.

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.

JORC Resource

The current JORC 2012 compliant resource for Citronen (see ASX announcement dated 19 July 2021):

84.7 million tonnes at 4.72% Zn & 0.47% Pb

Category	Mt	Zn (%)	Pb (%)
Open pit @ 1.5% Zn cut-off			
Measured	11,767,520	2.9	0.5
Indicated	2,159,548	2.6	0.3
M&I	13,927,068	2.8	0.5
Inferred	3,303,573	2.9	0.4
Open pit total	17,230,641	2.8	0.4
Underground @ 3.5% Zn cut-off			
Measured	22,518,764	5.2	0.5
Indicated	26,208,555	5.5	0.5
M&I	48,727,319	5.4	0.5
Inferred	18,744,401	4.8	0.4
Underground total	67,471,720	5.2	0.5
TOTAL Mineral Resource			
Measured	34,286,284	4.36	0.51
Indicated	28,368,103	5.30	0.46
Inferred	22,047,974	4.55	0.42
Total	84,702,361	4.72	0.47

JORC Table 1 included in an announcement to the ASX released on 19th July 2021: “2021 Bankable Feasibility Study Confirms Citronen as World Class Zinc Project”. Ironbark confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates 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 announcement.

Ore Reserve

The current JORC 2012 compliant Ore Reserve for Citronen is summarised below:

Deposit	Category	Tonnes (Mt)	ZnEq grade (%)*	Zn grade (%)	Pb grade (%)	ZnEq metal (Mt)	Zn metal (Mt)	Pb metal (Mt)
Beach underground	Proved	19.0	5.5	5.2	0.5	1.0	1.0	0.1
	Probable	7.0	5.8	5.7	0.5	0.4	0.4	0.03
Esrum underground	Proved	-	-	-	-	-	-	-
	Probable	15.8	5.1	4.8	0.4	0.8	0.8	0.06
Discovery open pit	Proved	5.5	3.5	3.2	0.6	0.2	0.2	0.03
	Probable	1.4	2.5	2.3	0.4	0.04	0.03	0.01
Total	Proved	24.6	5.1	4.6	0.5	1.2	1.1	0.13
	Probable	24.2	5.1	5.0	0.4	1.2	1.1	0.10
	Total	48.8	5.1	4.8	0.5	2.5	2.3	0.24

The Ore Reserve is based on Measured and Indicated Resources only and does not include any Inferred Mineral Resources. JORC Table 1 included in an announcement to the ASX released on 19th July 2021: "2021 Bankable Feasibility Study Confirms Citronen as World Class Zinc Project" Ironbark confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates 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 announcement.

Exploration Target

40 Mt to 90 Mt at 5.0% to 7.1% zinc + lead combined

Prospect Area	Prospective sulphide horizons	Tonnes from - to (Mt)	Zinc % Grade range	Lead % Grade range	Combined zinc + lead grade
East	L3/L4	3 to 5Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Western Gossans	L3/L4	5 to 8Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Beach South	L2/L3	4 to 10Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Esrum Extended	L3	12 to 28Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Discovery South East	L1/L2/L3	10 to 25Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Discovery North/Trilobite Valley	L2/L3/L4	6 to 14 Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead
Total		40 to 90 Mt	4.6 to 6.5% Zn	0.4 to 0.6 % Pb	5 to 7.1% zinc + lead

For further information on the Citronen Exploration Target, please see the ASX announcement dated 11 February 2021. The Exploration Target has not been included in the calculation of the life of mine or project NPV. The Exploration Target listed above is formed on the basis of historic exploration work at Citronen, including over 60,000m of diamond drilling and subsequent work sufficient to declare the Mineral Resource and Ore Reserve. The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Ironbark plans to test the Exploration Targets as part of a phased exploration and resource development program. This multi-year program is planned to commence concurrently with mine development and construction, and is aimed at further improving the current Citronen mine plan through some potential combination of mine life extensions, grade uplift and/or the deferral of major lateral mine development in the current schedule. At present, Ironbark intends to undertake this work will take place within two years of construction beginning at Citronen.

A systematic drilling program is planned to test extensions to the known mineralisation at the newly identified conceptual target areas. IBG already has four drill rigs at Citronen that are available for any future exploration program, and any further exploration equipment will be mobilised in conjunction with the site construction activities as required.

The Exploration Target is based upon review of project drilling, rock chip samples and the limited geophysical data available. A 3D geological model of the project was used to assist in identifying prospective areas. Each area was systematically reviewed with tonnage ranges based on conceptual target sizes and area prospectivity. Exploration Target zinc and lead grade ranges and rock densities are based upon typical grades observed from the current Citronen Resource (refer to ASX announcement 12th March 2020). The Exploration Target calculation has been based on a combination of actual exploration results as discussed in this report and proposed exploration programmes.

“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 and Exploration Targets 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.

The mining-specific information in this report, which relates to Ore Reserves, is based on information compiled by Mr Andrew Gasmier CP (Mining), who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Gasmier is employed full time by Mining Plus. He has sufficient experience which 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 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Gasmier consents to the inclusion in the report of the matters based on his 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	ML 2016/30	Greenland	100%	-