

## About Legacy Iron Ore

Legacy Iron Ore Limited ("Legacy Iron" or the "Company") is a Western Australian based Company, focused on iron ore, base metals, tungsten and gold development and mineral discovery.

Legacy Iron's mission is to increase shareholder wealth through capital growth, created via the discovery, development and operation of profitable mining assets.

The Company was listed on the Australian Securities Exchange on 8 July 2008. Since then, Legacy Iron has had a number of iron ore, manganese and gold discoveries which are now undergoing drilling and resource definition.

## Board

**Amitava Mukherjee**, Non-Executive Chairman

**Mr Rakesh Gupta**, Chief Executive Officer and board member

**Mr Vishwanath Suresh**, Non-Executive Director

**A K Padhy**, Non-Executive Director

**Mr Devanathan Ramachandran**, Non-Executive Director

**Ben Donovan**, Company Secretary

## Key Projects

Mt Bevan Iron Ore Project  
South Laverton Gold Project  
East Kimberley Gold, Base Metals and REE Project

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31 January 2024

The Company Announcements Office  
ASX Limited

Via E Lodgement

## REPORT FOR THE QUARTER ENDED 31 December 2023

The Company's Quarterly Activities Report is attached.

Yours faithfully  
**LEGACY IRON ORE LIMITED**

Rakesh Gupta  
Chief Executive Officer

This announcement has been authorised for release by the Board of Directors.

# HIGHLIGHTS

## EXPLORATION AND DEVELOPMENT

### **South Laverton Project**

#### ***Mount Celia***

Substantial progress in transitioning the Mount Celia Gold project to production.

- Commenced mining in November 2023 with an inaugural ceremony attended by high-level delegates.
- Prepared the first stockpile of ore for sale to Paddington Mill (Norton Goldfields Ltd), scheduled for early February 2024.
- Finalised discussions with potential contractors for ore haulage and haul road maintenance.
- Finalised update of the mining schedule and submitted revised Mining Proposal to the Western Australian Department of Mining Industry, Regulation and Safety (DMIRS).
- Progressed Mine Safety Management and Environmental and Heritage Management Systems development.

#### ***Patricia North***

- Completed 970 metres of RC drilling in October 2023.
- Encouraging analytical results received from drill samples.
- Drilling intersected gold mineralisation greater than 0.50 ppm Au in 9 of the 14 holes drilled.
- The most significant mineralised intersections are:
  - **3 m @ 3.57 ppm Au from 55 m hole depth in PNRC004**
  - **12 m @ 2.55 ppm Au from 3 m hole depth in PNRC005**
  - **2 m @ 6.99 ppm Au from 52 m & 2 m hole depth @ 7.26 ppm Au from 56 m hole depth in PNRC007**
- Further RC drilling is planned to define the continuity and extension of the mineralised zone.

#### ***Yilgangi***

- Completed 1,671 metres of Reverse Circulation (RC) drilling to increase geological confidence in the current Mineral Resource.
- Drilling intersected gold mineralisation greater than 0.50 ppm Au in 7 of the 20 holes drilled. The most significant mineralised intersection is:
  - **13 m @ 5.53 ppm Au from 2 m hole depth in YGRC056**

### **Mount Bevan Project**

#### ***Iron Ore – Magnetite***

- Significant progress of Pre-Feasibility Studies (PFS) by the JV Partner Atlas Iron Ltd has been made.
- The PFS document is being finalised with a view to published in March 2024 after an internal peer review.

#### ***Lithium and Other Minerals***

- Completed heritage surveys.
- Completed early-stage field reconnaissance work and regional geophysics survey.
- Progressed site planning and approvals for mobilisation of contractors in February 2024.

## **East Kimberley Project**

### ***Koongie Park***

- Heritage survey of planned drilling area to be completed by Koongie-Elvire Native Title Group at the end of the wet-season in February 2024 to allow planned RC drilling to commence.

### ***Taylor Lookout, Sophie Downs and Ruby Plains***

- Mapping and rock chip sampling completed on the Taylor Lookout tenement by Eastern Lithium Pty Ltd, a wholly-owned subsidiary of Eastern Resources Limited (ASX:EFE). Multi-element whole rock analysis returned no significant results.

## EXPLORATION

### Projects Overview

Legacy Iron Ore (**Legacy Iron** or the **Company**) is committed to exploring and developing gold, iron ore, base metals, and critical mineral deposits in Western Australia. The Company has ten promising projects encompassing 25 tenements in the Western Australian known mineralised belts, Figure 1. The Company is advancing the projects into higher stages of exploration and development through systematic exploration activities.

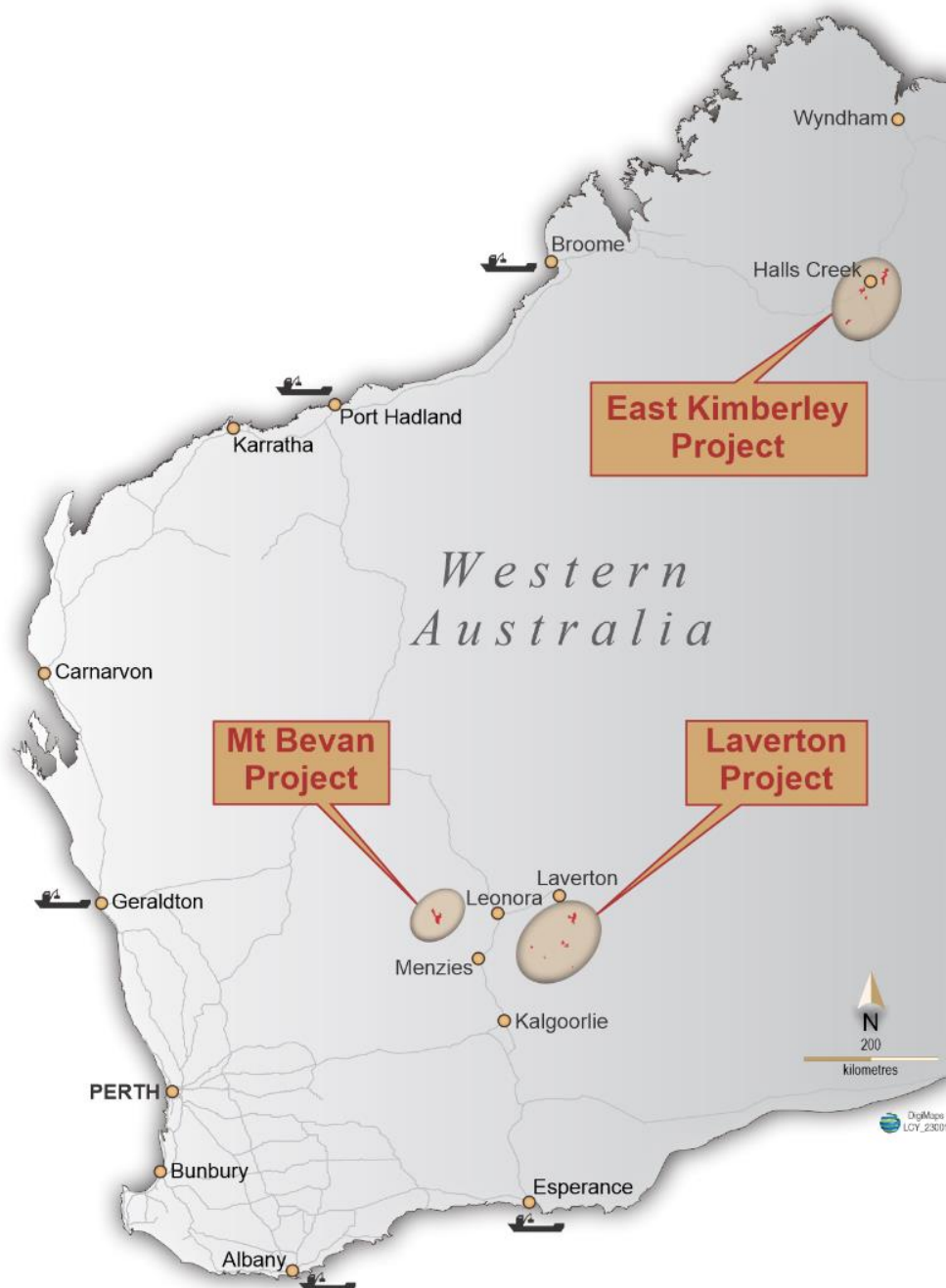


Figure 1 Legacy Iron – Project Location.

## South Laverton Project

Legacy Iron's South Laverton Gold Project includes the Mt Celia deposits, Yerilla, Yilgangi, Sunrise Bore and Patricia North prospects, Figure 2.

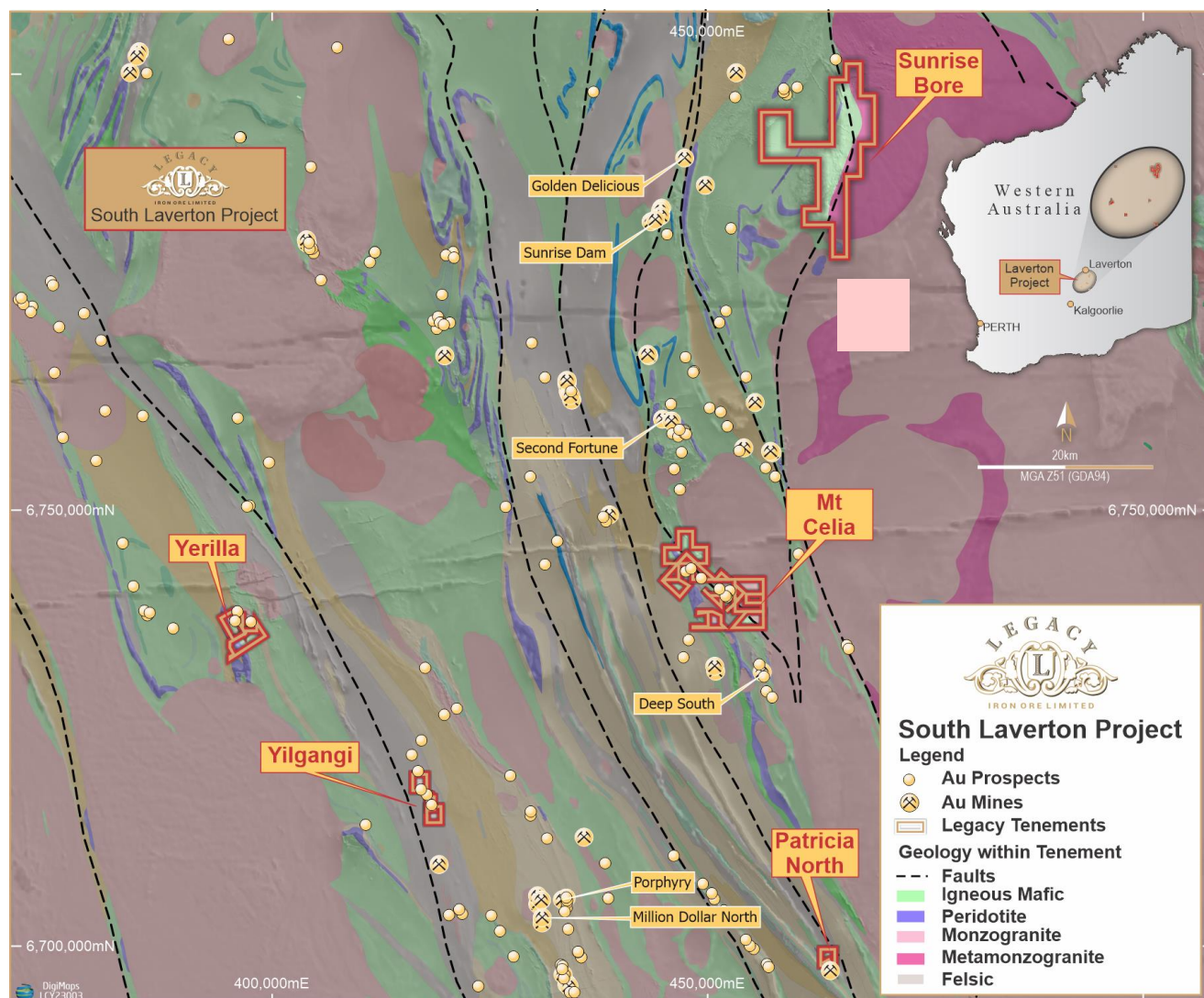


Figure 2 Legacy Iron's South Laverton Gold Projects on regional geology.

### **Mount Celia**

The Mount Celia gold deposits lie within the Laverton Tectonic Zone, 40 kilometres south of the Sunrise Dam Gold Mine. The deposits contain known gold occurrences, particularly Kangaroo Bore and Blue Peter, which cover Mining Leases M39/1145, M39/1127 and M39/1128. The combined deposits have a Mineral Resource of 6.97 million tonnes at 1.39 g/t for 312,600 ounces, *ASX announcement: Revised Resource Estimates of the Mt Celia Gold Project, 3 March 2022, Appendix 1*.

Mining commenced at the Mt Celia Gold Project on 5 November 2023 with an opening ceremony attended by delegates which included Shri Nagendra Nath Sinha, Secretary, Ministry of Steel, Government of India, Shri Amitava Mukherjee, CMD (Additional Charge), NMDC Limited, Shri Rakesh

Gupta, CEO, Legacy Iron Ore Ltd. The Consul General (Perth), Shri Amarjeet Singh Takhi, Legacy Iron personnel and key contractors also attended the ceremony.

Mine infrastructure work and pre-strip waste mining at Blue Peter progressed to expose gold-bearing ore in the upper benches. At the time of writing, ore mining had provided sufficient quantities for Grade Determination Activities (GDA) of ore stockpiles in late January 2024. The GDA will inform an Ore Purchase Agreement and transfer to Paddington Mill in February 2024.

#### Quarter Activities

The following activities were either commenced or completed:

- Continued mine infrastructure work, including vegetation clearing, top-soil stockpiling, haul road construction, and installation of the administration office, maintenance workshop and fuel facilities.
- Commenced pre-strip mining at Blue Peter pits 1, 2 and 3 and ore mining from Blue Peter 1 and 2.
- Completed mine optimisation studies and redesign of site infrastructure and pits.
- Submitted revised Mining Proposal to the Western Australian Department of Mining, Industry, Regulation and Safety (DMIRS).
- Finalised discussions with potential contractors for ore haulage and haul road maintenance of gravel roads.
- Progressed the Mine Safety Management System and Environmental and Heritage Management Plan with Consultants.

#### Next Quarter Activities

- Complete planned ore sales to Paddington Mill in two tranches (February and March 2024).
- Attain approval from DMIRS for amended Mining Proposal.
- Award ore haulage and haul road maintenance contracts.
- Commence core drilling at Kangaroo Bore for subterranean fauna, waste rock characterisation and geotechnical studies.
- Commence ore mining at Kangaroo Bore pits.
- Complete the Mine Safety Management System
- Finalise an Environmental and Heritage Management Plan.

### ***Patricia North***

Patricia North is part of the South Laverton Gold Project and comprises Exploration Licence E 31/1034. Given its proximity to the now-closed Patricia Open Cut Mine, the tenement is considered highly prospective for gold mineralisation. The tenement is situated on the eastern margin of the Norseman-Wiluna Archaean Greenstone Belt within the Kurnalpi Terrane of the Yilgarn Craton. The tenement overlies part of the north-northwest trending stratigraphy comprising mafic and felsic volcanics and metasediments of the Mulgabbie formation. Several northwest and northeast trending mafic dykes cross-cut the regional stratigraphy. In addition, the NNW trending Mt. Celia Tectonic Lineament passes through the project area.

#### Quarter Activities

The following activities were either commenced or completed:

- Completed 970 metres of RC drilling in October 2023, focussing on discrete northwest-southeast corridors, identified from a review of earlier work, including surface traverses and mapping, surface sampling, Rotary Air Blast (RAB) and Air Core (AC) drilling.

- Two of the five targets were drill-tested, of which both returned mineralised intersects, justifying further follow-up drilling, refer to Figure 3.
- Drilling intersected gold mineralisation greater than 0.50 ppm Au in nine of the 14 holes drilled. The most significant mineralised intersections are:
  - **3 m @ 3.57 ppm Au from 55 m hole depth in PNRC004**
  - **12 m @ 2.55 ppm Au from 3 m hole depth in PNRC005**
  - **2 m @ 6.99 ppm Au from 52 m hole depth & 2 m @ 7.26 ppm Au from 56 m hole depth in PNRC007**

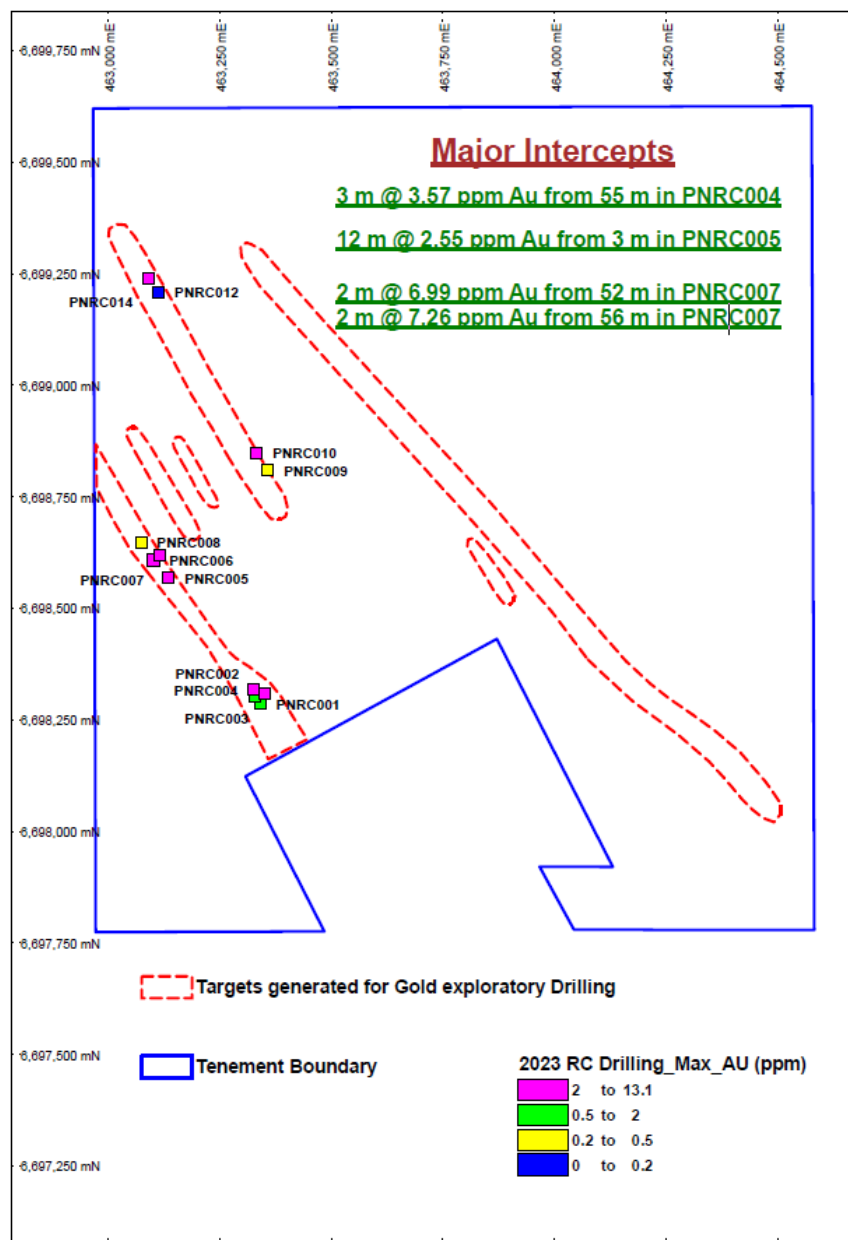


Figure 3 Map showing the location of boreholes in respective target zones.



Table 1 Patricia North drilling mineralised intersects >0.5 ppm.

| Borehole Identifier | Drill Hole Collar Coordinates |               |        | Downhole Survey & Depth |     |                 | Drill Hole Interval |        | Mineralised Intersection |                        |
|---------------------|-------------------------------|---------------|--------|-------------------------|-----|-----------------|---------------------|--------|--------------------------|------------------------|
|                     | Easting (mE)                  | Northing (mN) | RL (m) | Azimuth                 | Dip | Total Depth (m) | From (m)            | To (m) | Au (ppm)                 | Intersect              |
| PNRC001             | 463341.1                      | 6698286.0     | 500.0  | 260                     | -60 | 60              | 16.0                | 17.0   | 1.83                     |                        |
|                     |                               |               |        |                         |     |                 | 19.0                | 20.0   | 0.57                     |                        |
| PNRC002             | 463330.0                      | 6698302.0     | 500.0  | 260                     | -60 | 60              | 19.0                | 20.0   | 0.78                     |                        |
|                     |                               |               |        |                         |     |                 | 55.0                | 56.0   | 1.30                     |                        |
| PNRC003             | 463351.0                      | 6698308.0     | 500.0  | 260                     | -60 | 100             | 6.0                 | 7.0    | 1.72                     | 3.0 metres @ 1.90 g/t  |
|                     |                               |               |        |                         |     |                 | 7.0                 | 8.0    | 1.97                     |                        |
|                     |                               |               |        |                         |     |                 | 8.0                 | 9.0    | 2.01                     |                        |
|                     |                               |               |        |                         |     |                 | 26.0                | 27.0   | 0.99                     | 3.0 metres @ 0.76 g/t  |
|                     |                               |               |        |                         |     |                 | 27.0                | 28.0   | 0.68                     |                        |
|                     |                               |               |        |                         |     |                 | 28.0                | 29.0   | 0.62                     |                        |
| PNRC004             | 463327.0                      | 6698317.0     | 500.0  | 260                     | -60 | 70              | 55.0                | 56.0   | 1.82                     | 3.0 metres @ 3.57 g/t  |
|                     |                               |               |        |                         |     |                 | 56.0                | 57.0   | 2.27                     |                        |
|                     |                               |               |        |                         |     |                 | 57.0                | 58.0   | 6.61                     |                        |
|                     |                               |               |        |                         |     |                 | 60.0                | 61.0   | 1.24                     | 2.0 metres @ 2.03 g/t  |
| PNRC005             | 463136.0                      | 6698568.0     | 500.0  | 260                     | -60 | 60              | 61.0                | 62.0   | 2.81                     |                        |
|                     |                               |               |        |                         |     |                 | 3.0                 | 4.0    | 2.01                     | 12.0 metres @ 2.55 g/t |
|                     |                               |               |        |                         |     |                 | 4.0                 | 5.0    | 0.52                     |                        |
|                     |                               |               |        |                         |     |                 | 5.0                 | 6.0    | 1.86                     |                        |
|                     |                               |               |        |                         |     |                 | 6.0                 | 7.0    | 2.87                     |                        |
|                     |                               |               |        |                         |     |                 | 7.0                 | 8.0    | 1.12                     |                        |
|                     |                               |               |        |                         |     |                 | 8.0                 | 9.0    | 5.92                     |                        |
|                     |                               |               |        |                         |     |                 | 9.0                 | 10.0   | 2.38                     |                        |
|                     |                               |               |        |                         |     |                 | 10.0                | 11.0   | 1.57                     |                        |
|                     |                               |               |        |                         |     |                 | 11.0                | 12.0   | 3.66                     |                        |
|                     |                               |               |        |                         |     |                 | 12.0                | 13.0   | 1.73                     |                        |
|                     |                               |               |        |                         |     |                 | 13.0                | 14.0   | 6.33                     |                        |
|                     |                               |               |        |                         |     |                 | 14.0                | 15.0   | 0.61                     |                        |
|                     |                               |               |        |                         |     |                 | 19.0                | 20.0   | 0.97                     | 2.0 metres @ 0.92 g/t  |
|                     |                               |               |        |                         |     |                 | 20.0                | 21.0   | 0.87                     |                        |
| PNRC006             | 463102.0                      | 6698608.0     | 500.0  | 260                     | -60 | 60              | 9.0                 | 10.0   | 1.65                     | 2.0 metres @ 1.23 g/t  |
|                     |                               |               |        |                         |     |                 | 10.0                | 11.0   | 0.80                     |                        |
|                     |                               |               |        |                         |     |                 | 12.0                | 13.0   | 1.14                     | 4.0 metres @ 1.13 g/t  |
|                     |                               |               |        |                         |     |                 | 13.0                | 14.0   | 0.63                     |                        |
|                     |                               |               |        |                         |     |                 | 14.0                | 15.0   | 1.97                     |                        |
|                     |                               |               |        |                         |     |                 | 15.0                | 16.0   | 0.79                     |                        |
| PNRC007             | 463117.0                      | 6698618.0     | 500.0  | 260                     | -60 | 100             | 20.0                | 21.0   | 6.04                     |                        |
|                     |                               |               |        |                         |     |                 | 52.0                | 53.0   | 0.96                     | 2.0 metres @ 6.99 g/t  |
|                     |                               |               |        |                         |     |                 | 53.0                | 54.0   | 13.02                    |                        |
|                     |                               |               |        |                         |     |                 | 56.0                | 57.0   | 8.68                     | 2.0 metres @ 7.26 g/t  |
| PNRC010             | 463333.0                      | 6698849.0     | 500.0  | 260                     | -60 | 60              | 57.0                | 58.0   | 5.84                     |                        |
|                     |                               |               |        |                         |     |                 | 40.0                | 41.0   | 2.80                     |                        |
| PNRC014             | 463092.0                      | 6699240.0     | 500.0  | 260                     | -60 | 60              | 39.0                | 40.0   | 0.62                     |                        |
|                     |                               |               |        |                         |     |                 | 43.0                | 44.0   | 0.54                     |                        |
|                     |                               |               |        |                         |     |                 | 47.0                | 48.0   | 2.79                     |                        |

### Next Quarter Activities

- Plan further RC drilling to define the continuity and extension of the mineralised zone.



## Yilgangi

Yilgangi includes two exploration tenements (E31/1019 and E31/1020) and two mining leases (M31/426 and M31/427) and is approximately 135 kilometres northeast of Kalgoorlie. The tenements are in a favourable geological setting that hosts gold mineralisation, typically hydrothermal altered Greenstone and supercrustal volcanic rocks. It contains numerous gold occurrences, including the Golden Rainbow deposit, where several drill holes have intersected gold mineralisation at a shallow depth.

### Quarter Activities

- Completed 1,671 metres for improved resource definition of the Golden Rainbow deposit, targeting down-dip mineralisation and an interpreted northwest-strike extension target identified in earlier RC drilling.
- Drilling intersected gold mineralisation greater than 0.50 ppm Au in seven of the 20 holes drilled, Table 2. The most significant mineralised intersection is:
  - 13 m @ 5.53 ppm Au from 2 m hole depth in YGRC056**

Table 2 Yilgangi drilling mineralised intersects >0.5 ppm per drill metre

| Borehole Identifier | Drill Hole Collar Coordinates |               |        | Downhole Survey & Depth |     |                 | Drill Hole Interval |        | Mineralised Intersection |                        |
|---------------------|-------------------------------|---------------|--------|-------------------------|-----|-----------------|---------------------|--------|--------------------------|------------------------|
|                     | Easting (mE)                  | Northing (mN) | RL (m) | Azimuth                 | Dip | Total Depth (m) | From (m)            | To (m) | Au (ppm)                 | Intersect              |
| YGRC039             | 418077.0                      | 6715972.0     | 380.0  | 80                      | -60 | 72              | 67                  | 68     | 1.32                     | 2.0 metres @ 0.95 g/t  |
|                     |                               |               |        |                         |     |                 | 68                  | 69     | 0.58                     |                        |
| YGRC040             | 418038.0                      | 6716056.0     | 380.0  | 80                      | -60 | 80              | 70                  | 71     | 0.93                     | 2.0 metres @ 0.94 g/t  |
|                     |                               |               |        |                         |     |                 | 71                  | 72     | 0.94                     |                        |
| YGRC041             | 418031.0                      | 6716122.0     | 380.0  | 80                      | -60 | 80              | 65                  | 66     | 0.61                     | 2.0 metres @ 0.66 g/t  |
|                     |                               |               |        |                         |     |                 | 66                  | 67     | 0.70                     |                        |
| YGRC046             | 417932.0                      | 6716463.0     | 380.0  | 80                      | -60 | 100             | 95                  | 96     | 0.75                     |                        |
| YGRC055             | 417067.0                      | 6717954.0     | 380.0  | 80                      | -60 | 40              | 15                  | 16     | 1.31                     | 4.0 metres @ 1.04 g/t  |
|                     |                               |               |        |                         |     |                 | 16                  | 17     | 0.99                     |                        |
|                     |                               |               |        |                         |     |                 | 17                  | 18     | 0.66                     |                        |
|                     |                               |               |        |                         |     |                 | 18                  | 19     | 1.21                     |                        |
|                     |                               |               |        |                         |     |                 | 22                  | 23     | 1.42                     |                        |
| YGRC056             | 417087.0                      | 6717959.0     | 380.0  | 270                     | -60 | 40              | 39                  | 40     | 0.62                     |                        |
|                     |                               |               |        |                         |     |                 | 2                   | 3      | 0.69                     | 13.0 metres @ 5.53 g/t |
|                     |                               |               |        |                         |     |                 | 3                   | 4      | 0.83                     |                        |
|                     |                               |               |        |                         |     |                 | 4                   | 5      | 21.78                    |                        |
|                     |                               |               |        |                         |     |                 | 5                   | 6      | 6.90                     |                        |
|                     |                               |               |        |                         |     |                 | 6                   | 7      | 1.29                     |                        |
|                     |                               |               |        |                         |     |                 | 7                   | 8      | 2.24                     |                        |
|                     |                               |               |        |                         |     |                 | 8                   | 9      | 3.49                     |                        |
|                     |                               |               |        |                         |     |                 | 9                   | 10     | 0.56                     |                        |
|                     |                               |               |        |                         |     |                 | 10                  | 11     | 3.56                     |                        |
|                     |                               |               |        |                         |     |                 | 11                  | 12     | 2.13                     |                        |
|                     |                               |               |        |                         |     |                 | 12                  | 13     | 6.02                     |                        |
| YGRC058             | 417804.0                      | 6717313.0     | 380.0  | 80                      | -60 | 60              | 13                  | 14     | 18.34                    |                        |
|                     |                               |               |        |                         |     |                 | 14                  | 15     | 4.08                     |                        |
|                     |                               |               |        |                         |     |                 | 20                  | 21     | 1.15                     |                        |
|                     |                               |               |        |                         |     |                 | 39                  | 40     | 0.83                     |                        |

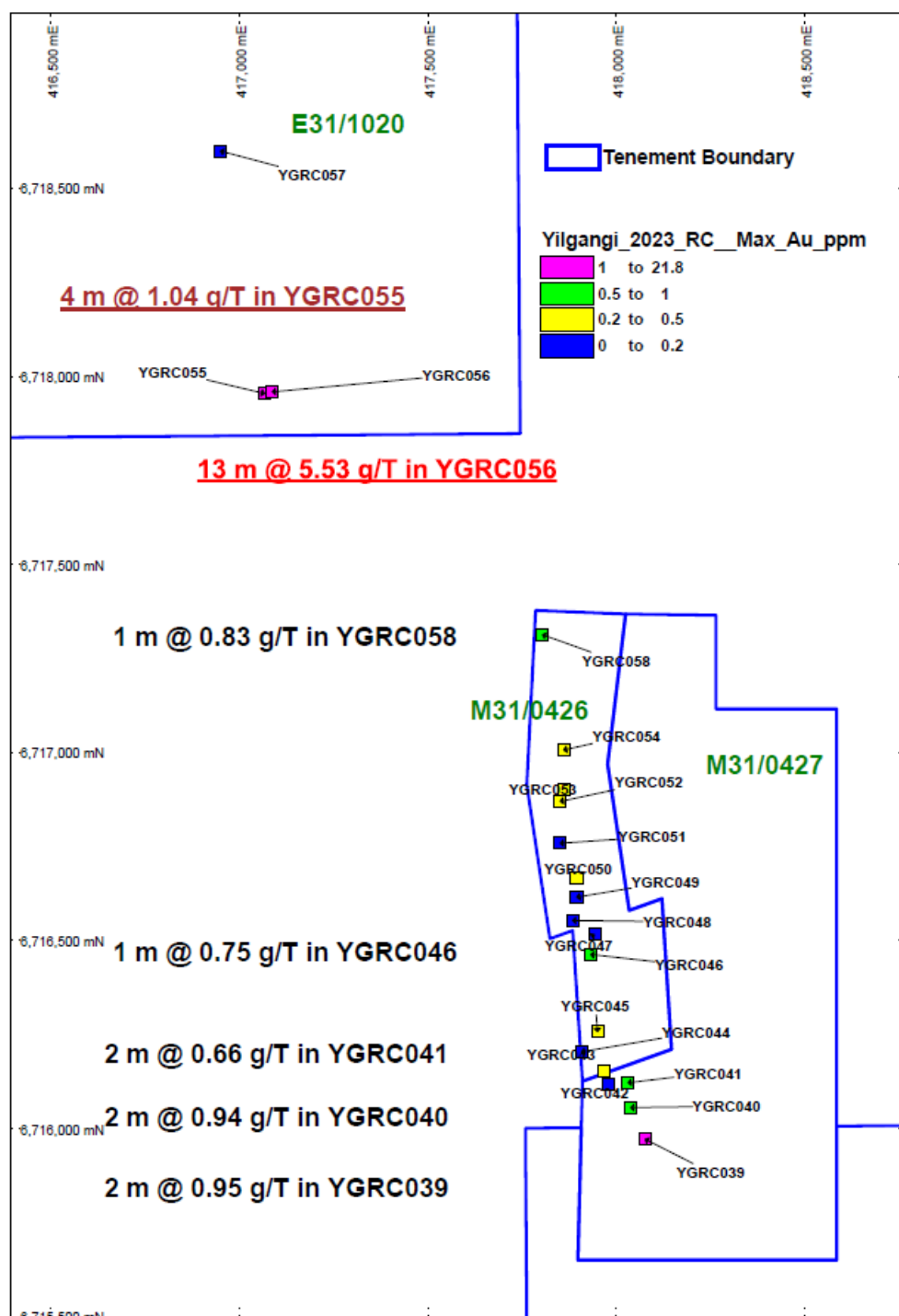


Figure 4 Thematic map showing completed drill hole locations at Sunrise Bore.

#### Next Quarter Activities

- Interpret the geological and analytical data collected from the October 2023 RC drilling program and determine further exploration of potential targets.

## **Mount Bevan Project**

The Mount Bevan project is 250 km north of Kalgoorlie in Western Australia. The Project is on an extensive exploration tenement (E29/510), which hosts 1,170 Mt of magnetite resource @ 34.9% Fe, *ASX announcement: Significant Resource Upgrade at Mt Bevan Iron Ore Project, 17 December 2013*, Appendix 2.

The Company aims to progress the world-class magnetite project through a JV partnership with Hancock Magnetite Holdings Pty Ltd (Hancock) & Hawthorn Resources Ltd (Hawthorn), simultaneously exploring lithium and nickel-copper mineralisation in the tenement.

### ***Iron Ore - Magnetite***

#### **Quarter Activities**

Progressed Pre-Feasibility Studies (PFS) by the JV Partner Atlas Iron Ltd, including.

- Completed iterations of the mine plan optimisation.
- Commenced development of the financial evaluation model.
- Progressing finalisation of the PFS document for internal peer review and publishing.

#### **Next Quarter Activities**

- Internal peer review of PFS document and publication in March 2024.

### ***Lithium and Other Minerals***

Legacy Iron recognises the considerable potential of the Mount Bevan project in the exploration of lithium and other minerals. The Mount Ida fault is spatially related to what is acknowledged as an emerging lithium, caesium, tantalum (LCT) pegmatite corridor following recent discoveries along the fault by neighbouring companies, Figure 5.

Given Mount Bevan's exploration and strategic importance, Legacy Iron executed a new earn-in and JV for lithium and other minerals agreement with Hancock and Hawthorn, announced on 15 June 2023.

#### **Quarter Activities**

- Completed targeted ethnographic and archeology heritage surveys
- Completed field reconnaissance (mapping, rock chip sampling and soil samples) and test work on all samples.
- Completed regional geophysics survey.
- Submitted two POWs
  - Temporary camp and laydown; approved (DMIRS),
  - Planned drilling; approval pending (DMIRS).

#### **Next Quarter Activities**

- Site activity will commence in February 2024, including earthworks, mobilisation of temporary camp facilities, and drilling contractors.

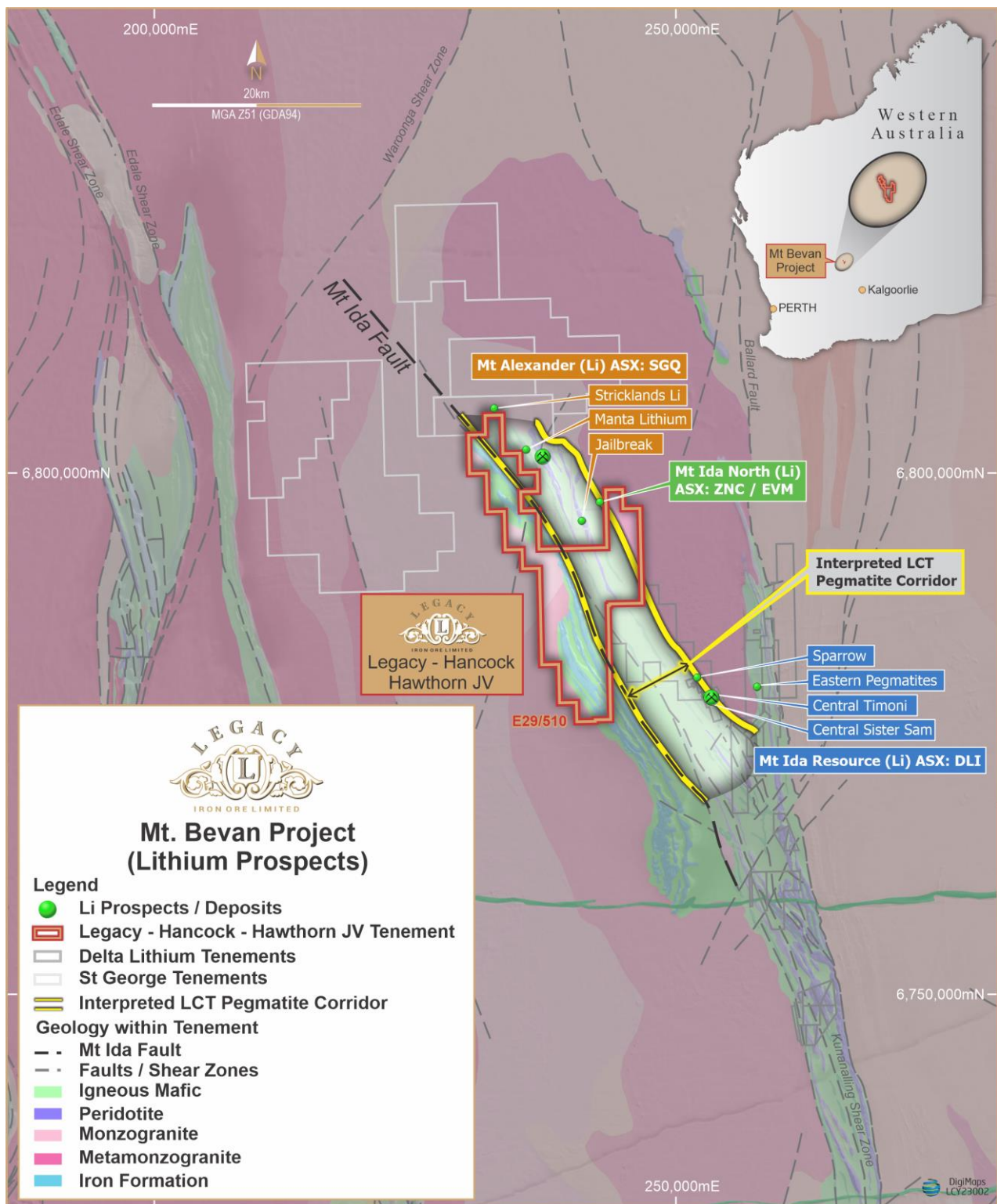


Figure 5 Mount Bevan Project, LCT pegmatite corridor.

## East Kimberley Project

The East Kimberley Project is in the Halls Creek area, 350 km south of Kununurra and is readily accessible via the Great Northern Highway. The Project comprises Koongie Park (E80/4221) and the Sophie Downs (E80/5067), Ruby Plains (E80/5068) and Taylor Lookout (E80/5066) tenements.

This Project's tenements remain relatively underexplored, allowing Legacy to reveal the inherent potential of known polymetallic, base metals, gold, and rare earth mineralisation occurrences.

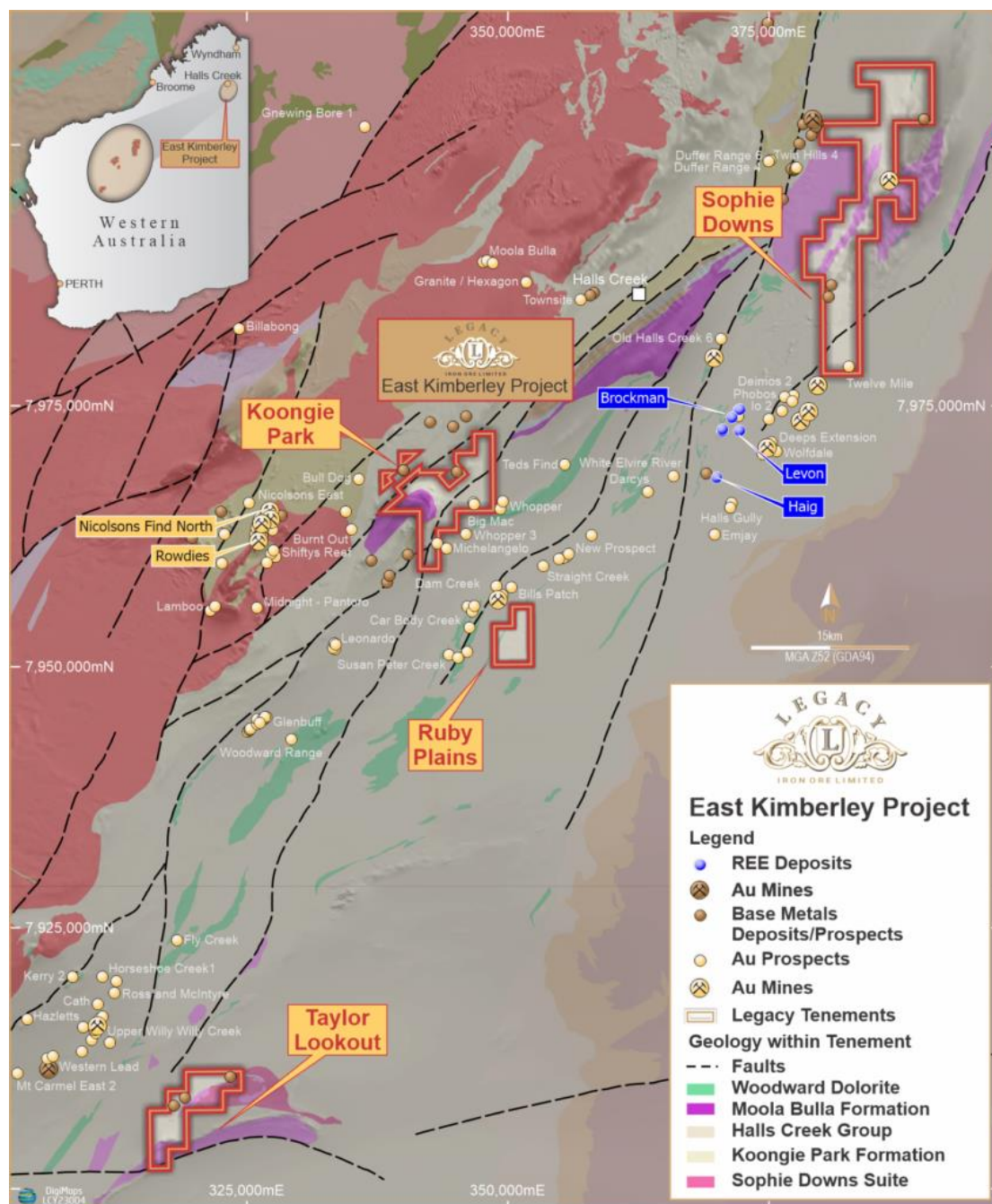


Figure 6 East Kimberly Project

## ***Koongie Park***

Legacy Iron's Koongie Park tenement (E80/4221) is contiguous with highly prospective ground explored by Auking Mining Limited (ASX:AKN) and Astral Resources LN (ASX:AAR) at their Koongie Park base metals deposits.

Based on the results of an MLEM survey conducted in 2020/2021, a follow RC drill program is planned to test targets proposed by the geophysical survey interpretation. The groundworks for the planned RC drilling at the Koongie Park project await heritage clearances from the Koongie-Elvire Native Title Group. The Koongie-Elvire Native Title Group have confirmed that a survey of the planned drilling area is required and planned after the wet season (February 2024) and the report shortly after.

### Quarter Activities

- Liaising with Kimberley Land Council for the completion of the heritage survey by Koongie-Elvire Native Title Group.

### Next Quarter Activities

- Attain heritage clearance from Koongie-Elvire Native Title Group.
- Complete 1,500 metres of RC drilling targeting MLEM anomalies.

## ***Sophie Downs and Ruby Plains***

In July 2022, a drone magnetics survey was completed by Atlas Geophysics at Sophie Downs, Taylor Lookout and Ruby Plains to assist with investigating interpreted structures as potential hosts for mineralisation.

### Quarter Activities

- Desktop studies of geophysical anomalies and historical exploration data.

### Next Quarter Activities

- Ground-truth and confirm targets as identified by Newexco consultants.

## ***Taylor Lookout***

Exploration activities on the Taylor Lookout tenement by Eastern Lithium Pty Ltd, a wholly-owned subsidiary of Eastern Resources Limited (ASX:EFE), will progress by the Heads of Agreement (HOA) or rights of lithium group of minerals (lithium, beryllium, caesium, niobium, rubidium, tantalum, and tin). ASX announcement: Executes farm-in on Taylor Lookout, 28 February 2022.

### Quarter Activities

- Eastern Resources Limited (ASX: EFE) completed geological traverses in areas not previously assessed to identify lithium-bearing pegmatites through mapping and sampling. A total of 19 samples were collected. However, no significant lithium values were reported.

### Next Quarter Activities

- Review geology data collected in 2022 and 2023.



## **Corporate**

For Section 6 of Appendix 5B, all payments made to related parties have been paid in relation to director fees.

## **Competent Person's Statement:**

Information in this report that relates to Exploration is based on information reviewed or compiled by Peter Preston, BSc (Hons), who is a member of the Australasian Institute of Mining and Metallurgy. Peter Preston is the Geology Manager of Legacy Iron Ore Ltd. 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 and Mineral Resources'. Peter Preston consents to the inclusion of this information in the form and context in which it appears in this report.

The information in this report references ASX announcements previously released by the Company, which contain all geological data and the required competent person sign-off. These announcements are:

- Significant Resource Upgrade at Mt Bevan Iron Ore Project, 17 December 2013
- Hancock Executes Lithium Earn-in and Joint Venture at Mt Bevan, 15 June 2023
- Revised Resource Estimates of the Mt Celia Gold Project, 3 March 2022
- Drilling Intercepts Mineralisation At Yilgangi Tenement, 30 January 2024
- Drilling Intercepts Mineralisation At Patricia North Prospect, 25 January 2024



The Company confirms that no new information or data materially affects the mineral resource estimate announced on 17 December 2013 and that all assumptions underpinning the estimate continue to apply and have not materially changed.

### **Tenement Schedule in accordance with ASX Listing Rule 5.3.3**

*Table 3 Tenements held at the end of the December 2023 Quarter*

| <b>Location</b> | <b>Tenement</b> | <b>Project</b>      | <b>Date of Grant</b> | <b>Equity (%) Held at start of Period</b> | <b>Equity (%) Held at end of Period</b> |
|-----------------|-----------------|---------------------|----------------------|---|---|
| WA              | E80/4221        | Koongie Park        | 14/12/2009           | 100%                                      | 100%                                    |
| WA              | E31/1034        | Patricia North      | 19/09/2013           | 100%                                      | 100%                                    |
| WA              | M31/0426        | Yilgangi            | 12/01/2009           | 100%                                      | 100%                                    |
| WA              | M31/0427        | Yilgangi            | 12/01/2009           | 90%                                       | 90%                                     |
| WA              | E31/1019        | Yilgangi            | 10/04/2013           | 90%                                       | 90%                                     |
| WA              | E31/1020        | Yilgangi            | 10/04/2013           | 90%                                       | 90%                                     |
| WA              | E39/1443        | Mt. Celia           | 10/11/2009           | 100%                                      | 100%                                    |
| WA              | M39/1145        | Mt. Celia           | 23/05/2023           | 100%                                      | 100%                                    |
| WA              | M39/1125        | Mt Celia            | 07/06/2018           | 100%                                      | 100%                                    |
| WA              | M39/1126        | Mt Celia            | 07/06/2018           | 100%                                      | 100%                                    |
| WA              | M39/1127        | Mt Celia            | 07/06/2018           | 100%                                      | 100%                                    |
| WA              | M39/1123        | Mt Celia            | 07/11/2018           | 100%                                      | 100%                                    |
| WA              | M39/1124        | Mt Celia            | 07/11/2018           | 100%                                      | 100%                                    |
| WA              | M39/1128        | Mt Celia            | 07/11/2018           | 100%                                      | 100%                                    |
| WA              | E39/2262        | Mt. Celia           | 15/11/2022           | 100%                                      | 100%                                    |
| WA              | E39/2348        | Mt. Celia           | 06/02/2023           | 100%                                      | 100%                                    |
| WA              | E39/1748        | Sunrise Bore        | 01/07/2014           | 100%                                      | 100%                                    |
| WA              | E29/0510        | Mt. Bevan           | 07/07/2005           | 42%                                       | 42%                                     |
| WA              | E80/5066        | Taylor Lookout      | 18/07/2018           | 100%                                      | 100%                                    |
| WA              | E80/5067        | Sophie Downs        | 18/07/2018           | 100%                                      | 100%                                    |
| WA              | E80/5068        | Ruby Plains         | 18/07/2018           | 100%                                      | 100%                                    |
| WA              | E39/2040        | Kangaroo Bore North | 18/09/2018           | 100%                                      | 100%                                    |

## Appendix 1

### Mount Celia - Mineral Resource Statement as of March 2022

#### Mount Celia - Mineral Resource Statement as at February 2022

| Classification | Tonnes    | Au (g/t) | Ounces  |
|----------------|-----------|----------|---------|
| Indicated      | 3,663,000 | 1.43     | 168,300 |
| Inferred       | 3,312,000 | 1.36     | 144,300 |
| Total          | 6,975,000 | 1.39     | 312,600 |

#### Kangaroo Bore - Mineral Resource Statement as at February 2022

| Classification | Tonnes    | Au (g/t) | Ounces  |
|----------------|-----------|----------|---------|
| Indicated      | 3,024,000 | 1.27     | 123,100 |
| Inferred       | 2,631,000 | 1.28     | 108,700 |
| Total          | 5,655,000 | 1.27     | 231,800 |

#### Blue Peter - Mineral Resource Statement as at February 2022

| Classification | Tonnes  | Au (g/t) | Ounces |
|----------------|---------|----------|--------|
| Indicated      | 639,000 | 2.20     | 45,200 |
| Inferred       | 328,000 | 1.83     | 19,300 |
| Total          | 967,000 | 2.07     | 64,500 |

#### Margot Find - Mineral Resource Statement as at February 2022

| Classification | Tonnes  | Au (g/t) | Ounces |
|----------------|---------|----------|--------|
| Indicated      | 0       | 0.00     | 0      |
| Inferred       | 353,000 | 1.44     | 16,300 |
| Total          | 353,000 | 1.44     | 16,300 |

Mineral Resource Statements for Kangaroo Bore, Blue Peter, and Margots Find, released to the ASX on March 3, 2022, are presented in tables above. The estimates are based on a cutoff grade of 0.5, 0.6 and 0.7 g/t Au for oxide, transitional and fresh ore types.

## Appendix 2

### Mount Bevan Magnetite - Mineral Resource Statement as of December 2013

| Mount Bevan Fresh BIF Resource |                   |                   |      |                  |                                |      |       |       |       |      |      |
|--------------------------------|-------------------|-------------------|------|------------------|--------------------------------|------|-------|-------|-------|------|------|
| Class                          | Material          | Tonnes            | Fe   | SiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | CaO  | P     | S     | LOI   | MgO  | Mn   |
|                                |                   | x 10 <sup>6</sup> | %    | %                | %                              | %    | %     | %     | %     | %    | %    |
| Indicated                      | In situ Total     | 322               | 34.7 | 46.2             | 0.57                           | 1.35 | 0.054 | 0.131 | -1.05 | 1.91 | 0.31 |
|                                | In situ Magnetic* | 44.18%            | 30.0 | 2.4              | 0.01                           | 0.08 | 0.005 | 0.053 | -1.38 | 0.05 | 0.01 |
|                                | Concentrate       | 142               | 68.0 | 5.5              | 0.02                           | 0.18 | 0.012 | 0.130 | -3.12 | 0.12 | 0.03 |
| Inferred                       | In situ Total     | 847               | 35.0 | 45.6             | 0.77                           | 2.00 | 0.063 | 0.39  | -1.15 | 1.77 | 0.04 |
|                                | In situ Magnetic* | 45.70             | 30.8 | 2.8              | 0.01                           | 0.06 | 0.004 | 0.042 | -1.37 | 0.03 | 0.01 |
|                                | Concentrate       | 387               | 67.5 | 5.9              | 0.03                           | 0.14 | 0.009 | 0.096 | -3.00 | 0.06 | 0.02 |
| Total                          | In situ Total     | 1,170             | 34.9 | 45.8             | 0.71                           | 1.82 | 0.060 | 0.137 | -1.12 | 1.80 | 0.11 |
|                                | In situ Magnetic* | 45.28%            | 30.6 | 2.7              | 0.01                           | 0.07 | 0.004 | 0.045 | -1.37 | 0.03 | 0.01 |
|                                | Concentrate       | 530               | 67.7 | 5.80             | 0.03                           | 0.15 | 0.010 | 0.105 | -3.03 | 0.07 | 0.02 |

\*In situ Magnetic is the material that is expected to report to the magnetic fraction. The in situ Magnetic quantities in the Tonnes column are expressed as the percentage of the in situ Total tonnes (as estimated from Davis Tube Mass recovery).