



7 September 2020

ASX Announcement

# Positive Final Investment Decision on Iron Ridge Development

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## Highlights

- The Board of Fenix Resources Ltd has officially given the go-ahead to the development of the Iron Ridge DSO iron ore project in Western Australia
- Long lead items including the majority of camp buildings and prime movers and trailers for the road transport joint venture have been secured
- Iron Ridge development on track to commence in the December quarter, with a view to first shipment in early 2021

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Fenix Resources Limited (**Fenix** or **Company**) (ASX: FEX) is pleased to announce that the Board of Directors has made a positive Final Investment Decision (FID) for the Iron Ridge high-grade iron ore project located near Cue, Western Australia.

Following this positive decision and settlement of the first tranche (\$10 million) of the Company's proposed \$15 million (before costs) capital raising, as announced on 20 August 2020, Fenix has moved rapidly to secure camp buildings and key heavy vehicle equipment for the road transport function.

Additionally, the Company is moving rapidly to conclude contract arrangements with key service providers including the mining, crushing and screening, road transport and port services contractors.

Under current expected timelines, Fenix expects to commence development activities at Iron Ridge in October 2020, with a view to first shipment in early 2021.

Authorised by the Board of Fenix Resources Limited.

For further details please contact:

**Rob Brierley**  
**Managing Director**  
**Fenix Resources Limited**

## About Fenix Resources

Fenix Resources is an ASX-listed, WA-based minerals explorer transitioning to miner.

The Company's 100%-owned, flagship Iron Ridge Iron Ore Project is a premium DSO deposit which hosts a JORC 2012 compliant resource located around 490 km by road from Geraldton port.

High grade iron ore attracts a premium price on the seaborne market as Chinese steel works increasingly demand more pure inputs with lower emissions due to increasingly strict government regulations.

Only requiring crushing and screening, 1.25 million tonnes of ore per annum is proposed to be trucked to the port by a JV signed off in May 2019, with trucking specialist Newhaul Pty Ltd headed by respected logistics expert Craig Mitchell who was the founder and owner of Mitchell Corp before selling to Toll Group. In relation to the production target, the Company confirms that all material assumptions underpinning the target continue to apply and have not materially changed since the announcement of the feasibility study on 4 November 2019.

Negotiations are well advanced with Mid-West Ports Authority at Geraldton where export capacity is available.

Statutory permitting is currently partially approved and contract documentation with key service providers is advanced.

A total of three hundred and fifty (350) Full Time Equivalent (FTE) direct and indirect jobs throughout the supply chain will be created including seventy (70) FTEs on site at the Iron Ridge mine if project approvals are granted.

Geraldton is set to be a winner with one hundred (100) FTEs created including seventy (70) roadtrain drivers and a fleet maintenance depot established with an additional thirty (30) jobs. More jobs will be created at the Port and at local businesses and contractors that service the project.

The Project's Mineral Resource, announced on 21 August 2019, is categorised into Indicated and Inferred Mineral Resources as shown in Table A.

| Classification | Tonnes<br>Mt | Fe<br>%     | Al <sub>2</sub> O <sub>3</sub><br>% | LOI<br>%    | P<br>%       | SiO <sub>2</sub><br>% | TiO <sub>2</sub><br>% |
|----------------|--------------|-------------|-------------------------------------|-------------|--------------|-----------------------|-----------------------|
| Indicated      | 10.0         | 64.3        | 2.56                                | 1.90        | 0.046        | 3.21                  | 0.09                  |
| Inferred       | 0.5          | 62.5        | 2.80                                | 3.13        | 0.046        | 4.41                  | 0.12                  |
| <b>Total</b>   | <b>10.5</b>  | <b>64.2</b> | <b>2.57</b>                         | <b>1.96</b> | <b>0.046</b> | <b>3.26</b>           | <b>0.09</b>           |

Table A: Iron Ridge Mineral Resource Estimate reported above a 58% Fe cut-off grade.

The Project's Ore Reserves are categorised in Table B below, as announced on 4 November 2019 titled "Feasibility Study Generates Outstanding Cashflow".

| Classification            | Tonnes<br>Mt | Fe<br>%     | Al <sub>2</sub> O <sub>3</sub><br>% | LOI<br>%    | P<br>%      | SiO <sub>2</sub><br>% | TiO <sub>2</sub><br>% |
|---------------------------|--------------|-------------|-------------------------------------|-------------|-------------|-----------------------|-----------------------|
| Probable                  | 7.76         | 63.9        | 2.79                                | 2.00        | 0.05        | 3.46                  | 0.09                  |
| <b>Total Ore Reserves</b> | <b>7.76</b>  | <b>63.9</b> | <b>2.79</b>                         | <b>2.00</b> | <b>0.05</b> | <b>3.46</b>           | <b>0.09</b>           |

Table B: Iron Ridge Ore Reserves

### **Competent Person Statements**

The information in this report that relates to Mineral Resources is based on information compiled by Mr Alex Whishaw, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and is employee by CSA Global Pty Ltd. Mr Whishaw has sufficient experience 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 the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). The Company confirms it is not aware of any new information or data that materially affects the information included in the relevant market announcement and all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

The information in this report that relates to the Processing and Metallurgy for the Iron Ridge Project is based on and fairly represents, information and supporting documentation compiled by Mr Damian Connelly who is a Fellow of The Australasian Institute of Mining and Metallurgy and a full time employee of METS Engineering Group. Mr Connelly has sufficient experience 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'. The Company confirms it is not aware of any new information or data that materially affects the information included in the relevant market announcement and all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

The information in this report that relates to Ore Reserves is based on information compiled by Mr John Battista, a Competent Person who is a Member and Chartered Professional (Mining) of the Australasian Institute of Mining and Metallurgy and is currently employed by Mining Plus (UK) Ltd. Mr Battista has sufficient experience 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 the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). The Company confirms it is not aware of any new information or data that materially affects the information included in the relevant market announcement and all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. In relation to the production target and forecast financial information referred to in the report, the Company confirms that all material assumptions underpinning the production target and the forecast financial information derived from the production target continue to apply and have not materially changed since the announcement of the feasibility study on 4 November 2019.