



13 August 2020

ASX Announcement

Fenix secures approval for Iron Ridge Mining Proposal, paving way for first shipment early next year

Highlights

- The WA Department of Mines, Industry Regulation and Safety (DMIRS) has approved the Mining Proposal and Mine Closure Plan for the Iron Ridge iron ore project in WA
- Iron Ridge development on track to commence later this year with first shipment scheduled for early 2021
- Iron Ridge is a high-grade (64.2% Fe) 1.25 Mtpa DSO project with an estimated capital cost based on the Feasibility Study of just \$11.9m and a construction time of only four months
- The Feasibility Study forecast C1 cash costs of A\$76.86/t and an average EBITDA of A\$16.4m per annum over a 6.5 year life-of-mine based on a benchmark Fe price of A\$111/t, compared with current spot price of A\$170/t

Fenix Resources Limited (ASX: FEX) is pleased to advise that the Department of Mines, Industry Regulation and Safety (DMIRS) has approved the Stage 1 Mining Proposal and Mine Closure Plan for its Iron Ridge iron ore project in WA's Mid-West.

This key approval means Fenix is on track to start development of Iron Ridge later this year and ship its first Direct Shipping Ore (DSO) early next year.

Fenix Managing Director Rob Brierley said: "This is a major milestone in the development of Iron Ridge and means we are now on the cusp of project construction, production and cashflow.

"Iron Ridge is a relatively simple 1.25Mtpa DSO project which is set to generate very strong cashflow on the back of its shallow ore, proximity to port, high grade/quality product and robust margins."

The only outstanding matters are:

- Receipt of miscellaneous associated permits and approvals, which are in the advanced stages of assessment;
- Execution of a Native Title Mining Co-operation and Benefits Agreement; and
- Finalisation of iron ore offtake arrangements.

Fenix expects each of these to be settled shortly, enabling development to start later this year and first shipments in early 2021.

Authorised by the Board of Fenix Resources Limited.

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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.

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 being undertaken 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	Fe	Al ₂ O ₃	LOI	P	SiO ₂	TiO ₂
	Mt	%	%	%	%	%	%
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
Total	10.5	64.2	2.57	1.96	0.046	3.26	0.09

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	Fe	Al ₂ O ₃	LOI	P	SiO ₂	TiO ₂
	Mt	%	%	%	%	%	%
Probable	7.76	63.9	2.79	2.00	0.05	3.46	0.09
Total Ore Reserves	7.76	63.9	2.79	2.00	0.05	3.46	0.09

Table B: Iron Ridge Ore Reserves