

Central Eyre Iron Project Definitive Feasibility Study Community Information Sessions April 2014



Forward Looking Statements

This announcement contains certain statements with respect to future matters and which may constitute "forward-looking statements". Such statements are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance or outcomes to differ materially from those expressed, implied or projected. Investors are cautioned that such statements are not guarantees of future performance and accordingly not to put undue reliance on forward-looking statements due to the inherent uncertainty therein.

Competent Persons' Statements

The information in this report that relates to the Exploration Target within the EL4849 is based on and fairly represents information and supporting documentation compiled by Mr Milo Res, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Res is a full time employee of the Company. Mr Res has sufficient experience that is relevant to the style of mineralisation and the type of deposits under consideration and to the activity being 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 Res consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Resources estimated for the Boo-Loo prospect is based on and fairly represents information and supporting documentation compiled by Mr Ian MacFarlane, who is a Fellow of the Australasian Institute of Mining and Metallurgy and an employee of Coffey Mining. Mr MacFarlane has sufficient experience relevant to the style of mineralisation and the type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr MacFarlane consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Resources estimated for the Murphy South-Rob Roy (MSRR) prospect is based on and fairly represents information and supporting documentation compiled by Ms Heather Pearce, who is a member of the Australasian Institute of Mining and Metallurgy, and a full time employee of Iron Road Limited. This estimation was peer review by Dr Isobel Clark, who is a member of the Australasian Institute of Mining and Metallurgy and employed by Xstract Mining Consultants. Dr Clark has sufficient experience relevant to the style of mineralisation and the type of deposits under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr Clark consents to the inclusion in the form and context in which it appears.

The information in this report that relates to Reserves estimated for Murphy South / Rob Roy (MSRR) is based on and fairly represents information and supporting documentation compiled by Mr Harry Warries, a Fellow of the Australasian Institute of Mining and Metallurgy, and an employee of Coffey Mining. Mr Warries has sufficient experience relevant to the style of mineralisation and the type of deposits 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 Warries consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Exploration Potential

It is common practice for a company to comment on and discuss its exploration in terms of target size and type. The information in this presentation relating to exploration targets should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves. Hence the terms Resource(s) or Reserve(s) have not been used in this context. Any potential quantity and grade is conceptual in nature, since there has been insufficient work completed to define them beyond exploration targets and that it is uncertain if further exploration will result in the determination of a Mineral Resource.

Introductions



- Larry Ingle, General Manager
- Tim Scholz, Principal Advisor, Stakeholder Engagement
- Tilly Smart, Community Engagement Advisor
- Aaron Deans, Project Manager
- Steve Green, Environmental Manager
- Brad Hunter, Principal Civil/Rail Engineer
- Nicole Seal, Regulations & Approvals Assistant

Central Eyre Iron Project (CEIP)



- 100% owned Iron Road
- Definitive Feasibility Study complete
- 21.5 million tonnes per annum of concentrate
- Production from 2018
- Expected mine life +25 years
- High quality concentrate will assist steel mills reduce pollution and improve efficiencies
- Coarse concentrate to be marketed as high quality sinter blend stock
- Integrated logistics chain, including rail and port development
- Major development for South Australia



DFS Guiding Principles And Outcomes



		_	_
Premium product	 Consistent high quality	 Bulk testing has	 Coarse product easier to
	is competitive and clean	confirmed value in	handle and transport
	solution for steel mills	benefits for steel mills	than finer concentrates
Market	Meets requirements for	 Readily substitutes for	 Expected quality
	wider sinter market, not	Pilbara & Brazilian fines,	differential of US\$18
	just pellet market	with lower solid fuel	p/tonne forecast
Capital build	 Competitive US\$185 per	 Effective modularisation	 Potential for additional
	annual tonne of	design mitigates project	returns through third
	capacity, long mine life	cost and risk exposure	party access
Operational metrics	 21.5 million tonnes of	 Competitive with recent	 Annual gross revenues
	concentrate produced	large-scale projects	US\$2.8B and EBITDA of
	per annum	such as FMG Solomon	US\$1.36B post ramp up

Process Design Highlights



Smart Modular Design >	In Pit Crushing and Conveying (IPCC) >	Processing Plant >	Tailings Handling >	Rail and Port Design >
 ✓ Processing plant utilises high density modules ✓ Wet commission of process trains at fabrication site ✓ Design size established by laser survey of transport route ✓ Designed for long term outcomes, lower operations costs 	 ✓ Mine designed for IPCC from day one, not retrofitted ✓ Orebody ideally suited to IPCC ✓ Significantly improved safety ✓ Savings in trucking fleet, diesel use and manning ✓ Benefits sustained over life of mine 	 ✓ Three discrete recovery trains provides high levels of plant availability ✓ Gravity circuit reduces power demand ✓ Cost effective semi-autogenous (SAG) and ball milling circuit 	 ✓ Filtered tailings and waste handling reduces both water and tailings footprint ✓ Reduced environmental impact – no tailings dam ✓ Coarse nature of tailings mitigates handling issues or plant downtime 	 ✓ Standard gauge, heavy haul rail ✓ Covered wagons, secure bottom dump system ✓ Shiploader capacity of 70Mtpa, rapid vessel turnaround ✓ Provision for potential third parties in port footprint and loading capacity

Supportive State & Federal Government



- Major Project Facilitation status declared by Deputy Prime Minister Warren Truss
 - o only project in South Australia
- Major Development status declared by Deputy Premier John Rau
- Recognises significance of Iron Road's integrated iron export project from both State and Federal perspectives
- Allows for clear and transparent framework to achieve timely assessment and approvals
- Wider importance for the region and resources industry through export capacity created for potential third party bulk exports





News Release Deputy Premier John Rau SOUTH Contraction South Australia

ier John Rau Minister Tom Koutsantonis Minister for Mineral Resources and Energy

Thursday, 15 August 2013

Major Development status granted for Cape Hardy Deep Sea Port

The proposed multi-billion dollar deep sea port development at Cape Hardy by Iron Road Limited has been declared a Major Development.

The deep sea port and associated infrastructure, which includes a 150 kilometre rail line, would service significant iron ore deposits located over land south of Wudinna on the Eyre Peninsula.

Minister for Planning John Rau said the declaration of the project is recognition of the major environmental, social and economic importance to the State.

"The Major Development process allows a wide and in depth consideration of the implications of proposals, including public consultation," Mr Rau said.

"It is the most extensive development assessment process in South Australia and is recognised by the Commonwealth under its environmental protection and biodiversity conservation law."

The proposed development at Cape Hardy comprises three interrelated components, including:

- A deep sea water port, which is located some 7 kilometres south of Port Neill. The port, able to load various bulk size carriers including Capesize vessels, would be capable of exporting 30 Million tonnes of iron or e, or other products, per annum.
- A 150 kilometre long infrastructure corridor, comprising a power transmission line, sea water supply pipeline and standard gauge rail line, to enable the transfer of product from the mine site to the port.
- A workers accommodation village, designed to accommodate the longer term
 operational workforce for the mine and infrastructure components and capable of
 accommodating some 550 personnel, to be constructed within the township of Wudinna.

Minister for Mineral Resources and Energy Tom Koutsantonis said the proposed development would be a catalyst for other mining aspirants who collectively have the capacity to provide a transformational shift in mining exploration and extraction.

"This project will inspire others to explore mining possibilities within the Eyre Peninsula, creating the potential for much broader economic benefits," Mr Koutsantonis said.

"In addition to the 1,000 people required for the mine's construction, this proposed development will also require a construction workforce of some 600 people and an operational workforce of around 100.

www.premier.sa.gov.au

Twitter: @sa_press_sec



 The Hon Warren Truss MP

 Deputy Prime Minister

 Minister for Intrastructure and Regional Development

 Member for Wilde Bay

 S1 MAR 2014

Reference: 01073-2014

Mr Andrew Stocks Managing Director Iron Road Ltd GPO Box 1164 ADELAIDE SA 5001

Dear Mr Stocks

Thank you for your letter dated 21 February 2014 seeking Major Project Facilitation (MPF) status for the Central Eyre Iron Project.

I have decided to grant MPF status through to 31 December 2016, by which time I understand that key project milestones are expected to have been achieved.

MPF status provides a service to support a timely and efficient approvals process for the proposed development. Through this service, my Department will assist with:

- · information on any Australian Government approvals processes;
- coordination of all relevant Australian Government and state government processes so that, as far as possible, they occur simultaneously and without duplication;
- a point of contact in the Australian Government to allow prompt resolution of issues; and
- identifying and accessing government programmes, as appropriate.

Please note that MPF status does not imply any government endorsement or guarantee for the commercial success or otherwise of the development of your project, nor does it absolve the project from meeting the standard requirements of the relevant approval processes.

I have written to relevant Commonwealth ministerial colleagues and the Premier of South Australia, informing them of my decision to grant MPF status to your project and seeking their active cooperation and assistance for the project within their respective areas of portfolio responsibilities.

Suite MG 41, Parliament House	Phone: 02 6277 7680
CANBERRA ACT 2600	Fax: 02 6273 4163

Large Scale Mining of Consistent Orebody



- Well understood, uniform ore body
- Large scale open pit, long life, low strip ratio
- Coffey Mining studied owner mining utilising conventional truck & shovel, load and haul
 - Ore Reserve estimated using costs and cash flows based on this scenario – most conservative
 - Competitive enquiries with several contract mining entities supported Iron Road's view that this is suboptimal
- Independent 'parallel' study considered alternative mining methods and optimal contracting strategy
 - Alternative mining method/s had to be proven and benchmarked against similar operating mines



Conventional truck and shovel open pit mining operation

Hybrid-IPCC Mining Optimisation



- In Pit Crushing & Conveying (IPCC) selected as ideally suited to CEIP
 - Open pit designed and optimised for Hybrid-IPCC
 - Conventional truck and shovel operation for first three years of operation
 - Significantly reduced mining fleet (93 cf 30 Cat 797's)
 - Reduced operational manning requirements
 - Significantly lower diesel and consumables
 - Optimised waste rock co-disposal with filtered tailings
 - Supporting infrastructure and logistical requirements greatly reduced
 - Savings continue over life of mine
- Semi-mobile Gyratory Crusher Stations located in pit, moved every two years (14 day relocation)
- Conveyor system reconfigured each quarter (36 hour process)

At right: Semi-mobile gyratory crusher station in Sweden, similar capacity required at CEIP. Below, transport crawler undertakes conveyor system reconfiguration





IPCC Mining Optimisation





CEIP Open Pit





Processing- Proven Mechanical Processes

- Three discrete processing lines, commissioned in a staged sequence over 12-14 months
- Conventional SAG and ball milling process, followed by gravity and magnetic separation
- Significant benefits to capital and operating costs over earlier considered secondary/tertiary crushing and grinding
 - Reduced power consumption
 - Amenable to modular construction, enabling reduced ground footprint
 - Tailings to be filtered and mixed with run of mine waste rock
 - Large particle size lends itself to filtering
 - Lowered water use
 - Big environmental benefits no tailings dam and associated costs, much smaller footprint



Iron)

Road

Smart, Low Cost Engineering & Construction

Smart modular design-

- Processing plant comprised of large, self contained modules
- Wet commissioning to be conducted at fabrication prior to delivery
- Significant reduction in schedule risk arising from site based rework
- Based on size envelope established by laser survey of transport route
- Designed for long term, permanently embedded lower operating costs, not cookie cutter design



Iron)

Road

Typical Pre-Assembled Module (PAM)



LNG Module, Gladstone, Queensland Iron)

Footprint at August 2013 Public Meetings





www.ironroadlimited.com.au

Updated Footprint at DFS completion





www.ironroadlimited.com.au

Footprint Difference





- Reasons for reduced footprint:
- In Pit Crushing & Conveying (IPCC)
- Modularisation of processing plant
- Tailings technology reviewed
- Integrated landform combining waste rock & tailings
- Rail alignment optimised

Utilities Corridor & Rail Network







Corridor

- Minimise impacts, combines utilities
- Comprises rail, power line, service road and water pipeline (powerline & pipeline for part of route only)

Infrastructure features

- Scalable design philosophy
- Potential to link into the Trans-Australian rail network
- Water bore field identified midway along transport corridor, likely to eliminate need for piping from coast
- Six return train trips per day, automated crossings, culverts for stock, service road
- Power line to site, reinforcement of Eyre Peninsula transmission network

Cape Hardy Export Facility



- 21.5Mtpa required for CEIP
- 70Mtpa capacity at the ship loader (at 80% utilisation)
 - Allows loading of Capesize vessel in approximately 24 hours
 - Modular jetty and wharf construction
 - Ship loader to service two Capesize berths
- Capesize and Panamax capable, with additional module offloading facility (MOF).
 - MOF suitable for heavy lift ships to deliver cargo and receive containers





The Only Capesize Port in South Australia



Iron)

ROad

Short and Long Term Benefits to South Australia

DFS forecast annual revenue

as much as all wheat, beer and wine

exports from S.A combined



Jobs

- Peaking at 1950 during construction
- ~700 long-term operations
- Plus additional indirect jobs created from project

Infrastructure

- Additional capacity for other potential exporters from day one
- Opens up deep water port access to significant portion of state
- An investment enabler
- Grain export MOU signed

Key Financial Parameters



Key Financial Assumptions (real 2013 terms)		
Capital cost estimate (incl. contingencies)	US\$3.98 billion	
Pre-stripping and preparatory mining works	US\$0.48 billion	
Capital intensity	US\$185 per annual tonne	
FOB operating cost (ex state royalty)	US\$44.33/dmt (dry metric tonne)	
62% Fe CFR China Index price	US\$112.00/dmt	
+ standard grade differential / premium	US\$3.00/dmt per 1% Fe above 62%	
+ additional CEIP high quality premium	US\$3.00/dmt	
Received 67% CEIP CFR China price	US\$130.00/dmt	
Capesize freight rate – Cape Hardy to North Asia	US\$17.73/dmt	
Long term AUD/USD	0.85	
Nominal discount rate	12.5%	
CPI	2.5% p.a.	
Corporate tax rate	30%	

Where to from here?





- Continue preparation of government submissions and applications
- Commence negotiations with landowners at mine site for purchase
- Continue negotiations with landowners along the corridor
- Strengthen the plan through stakeholder engagement
- Increase customer awareness
- Secure project partners and financing
- Position the Company to initiate the operational readiness plan

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