



IRON ROAD IS BUILDING A FULLY INTEGRATED, LONG LIFE, MAGNETITE IRON PROJECT

KEY PROJECT METRICS

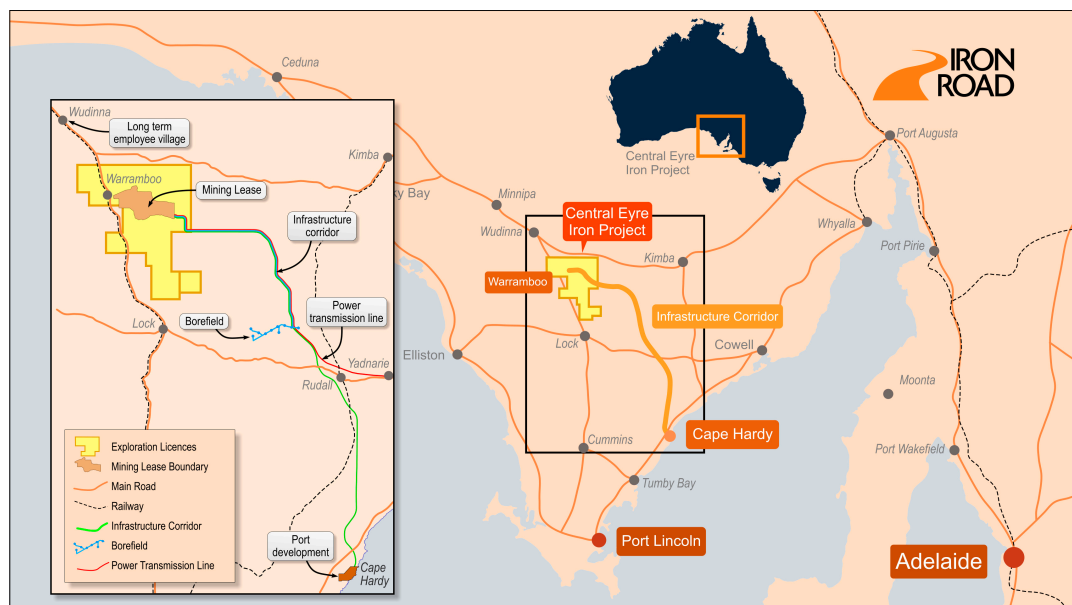
Mining and Infrastructure Project

State Government Approvals in Place

Indigenous Land Use Agreement Registered

EOI Received from Debt Consortium Participants

**~2000 jobs during Construction
+700 jobs during Operations**



KEY PROJECT FACTS

+21.5 million tonnes per annum of high grade (67%), low impurity iron concentrate

2014 definitive feasibility study and 2015 optimisation study demonstrate a highly competitive project with potential for **strong economic returns**

Current **mine life of 25+ years**, with **growth expected** beyond 30 years

Borefield to service mine site water requirements

Registered **Indigenous Land Use Agreement (ILUA)** with the Barngarla

Port infrastructure able to accommodate Capesize vessels

Mineral Lease 6467 for mine and **Development Approval** for the Infrastructure granted by SA Government

High quality, low impurity iron concentrate will serve as a **cleaner and superior** blending product for steel mill customers

Project has mineral resources of **4.5 billion tonnes** and ore reserves of **3.7 billion tonnes**

Long-Term **employee village** at Wudinna to house 300 mine site and railway workers

Rail & Port Listed as a **Priority Project** by Infrastructure Australia on the **National Infrastructure Priority List**

Lead Construction & Offtake Partner - China Railway Group • **Grain Partner** - Emerald Grain



MINE



RAIL



PORT

25+ year mine life **25+**

Forecast production base of **+21.5 million tonnes** iron concentrate per annum with growth expected beyond 30 years

67% iron concentrate, low impurities



High quality iron blending feedstock for sinter, which feeds the majority of blast furnaces

In pit **crushing and conveying** reduces trucking fleet

Coarse grind **reduces power demand**



Effective modularisation design **mitigates cost and schedule risk**

148 kilometre heavy-haul railway, initial **25 tonne axle load capacity**

11,000 tonnes per train of **iron concentrate:** mine to port

11,000t



Ore cars will be covered and equipped with a **secure bottom chute** for unloading

Possibility to connect to **national rail network**



Corridor will contain **power and water** supply infrastructure



Corridor to be **fenced** for safety and security

Deep water port requires **no dredging** and no breakwater

Initial shiploader capacity of **70 million tonnes per annum**

70mtpa

Third party opportunities for exports and imports

Supports both **Panamax** and **Capesize vessels** with a 1.3 km jetty and wharf

Two berths and single shiploader to support **efficient turnaround times**



1,100 hectares of gulf front land secured to **support third party facilities and potential expansion**