



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

## KEY PROJECT METRICS

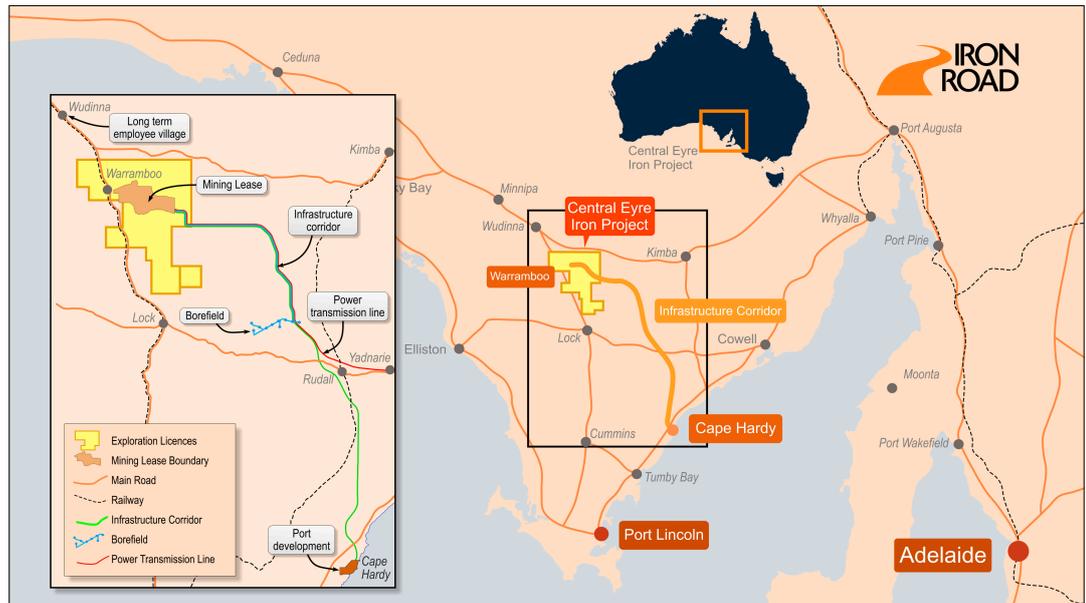
Mining and Infrastructure Project

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

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**



## RAIL

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

**11,000 tonnes** per train of **iron concentrate:** **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



## PORT

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**