

POSITIONED FOR GROWTH

Australian Investor Roadshow – December 2012

Russell Tipper, Chief Executive Officer, Brockman Mining Australia

Disclaimer

This presentation has been prepared by and issued by Brockman Mining Limited (“Brockman” or “the Company”) to assist it in informing interested parties about the Company. It should not be considered an invitation or offer to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this presentation.

This presentation contains forward looking statements. While Brockman has no reason to believe that any statements are either false, misleading or incorrect, it cannot guarantee that through either passage of time or actions beyond the control of Brockman, they will not become so.

You should not act or refrain from acting in reliance on this presentation material. This overview of Brockman does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of the Company’s prospects. You should conduct your own investigation and perform your own analysis in order to satisfy yourself as to the accuracy and completeness of the information, statements and opinions contained in this presentation before making any investment decisions.

There are a number of risks, both specific to Brockman and of a general nature which may affect the future operating and financial performance of Brockman and the value of an investment in Brockman including and not limited to economic conditions, stock market fluctuations, iron ore demand and price movements, access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve and resource estimations, native title and title risks, foreign currency fluctuations, and mining development.

Corporate Overview

- Resources company listed on the Hong Kong (Stock Code: 159) and Australian (Stock Code: BCK) Stock Exchanges
- Focused on iron ore, copper and coking coal
- Supported by a diverse shareholder base of international and Australian investors with BCK directors holding approximately 24% of shares
- Recognised the growing potential in markets and repositioned itself to maximise shareholder returns through international exploration, development and operation of mineral projects

Capital Structure

As at 30 September 2012 HK\$:A\$7.95	
Shares on issue	7.2 billion
Market capitalisation	A\$419 million
Convertible Bonds ⁽¹⁾	A\$31 million
Cash on hand	A\$49 million
Debt	A\$2 million
Enterprise value	A\$403 million
Options on issue	0.2 billion
Converting Bonds ⁽²⁾	0.2 billion

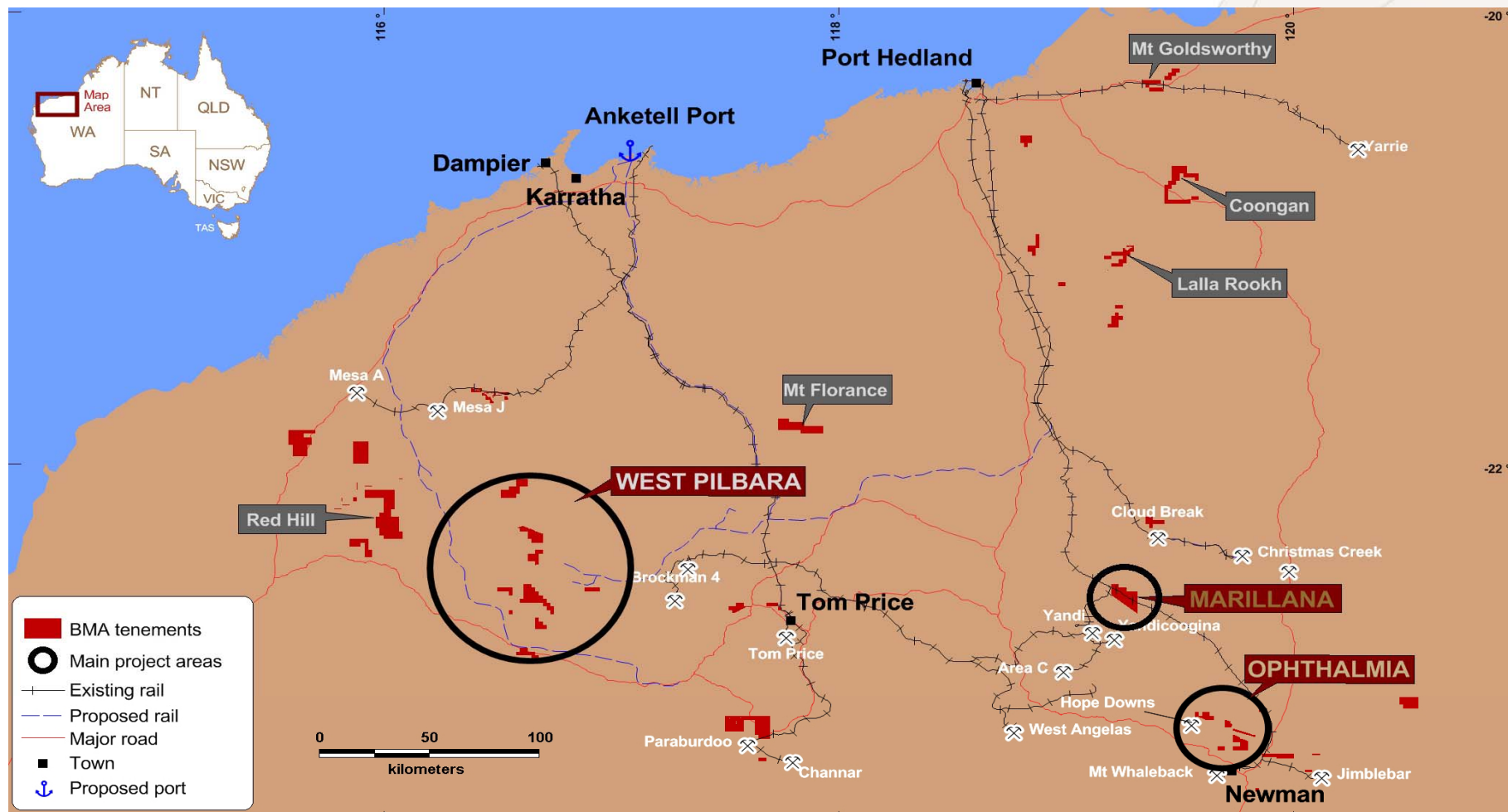
(1) Subject to FIRB and A\$9.8 million of which is also subject to shareholder approval

(2) Subject to shareholder approval

Corporate Strategy

Short term	Expedite development of the Marillana hematite project located in the eastern Pilbara and associated rail and port infrastructure to full commercial production by 2016
Mid term	Advance the Australian exploration pipeline of hematite projects, from greenfield exploration through to full commercial operation
Long term	Create a globally-renowned mid tier mining resources company through further iron ore, copper and coking coal M&A opportunities, delivering a strategic, low sovereign risk Australian and global mining asset portfolio

Australian Iron Ore Portfolio



Iron Ore Development Pipeline



West Pilbara Hub (100%):

- Duck Creek and West Hamersley with a combined exploration target of ~ 80–100 Mt of DSO hematite at 57–60% Fe, to be confirmed by further drilling¹
- Over 35 granted or priority applications covering over 1,500 km² in the Pilbara iron ore province

Ophthalmia Iron Ore Project (100%):

- Coondiner: JORC compliant Mineral Resource of 108 Mt
- Kalgan Creek: JORC compliant Mineral Resource of 52 Mt
- Sirius DSO grade mineralisation confirmed by drilling; best result of up to 135.5 m at 61% Fe (ended in mineralisation)

Marillana Iron Ore Project (100%):

- JORC compliant Mineral Resource of 1.63 Bt and a Mining Reserve of 1.05 Bt
- Production of -8+1 mm sinter fines feed at ~61% Fe

¹ Exploration Targets

Any discussion in relation to the potential quantity and grade of Exploration Targets is only conceptual in nature. There has been insufficient exploration to define a Mineral Resource for these tenements and it is uncertain if further exploration will result in determination of a Mineral Resource for the West Hamersley tenements or other prospects on the Company's landholding outside of the currently defined JORC compliant resources at the Company's Marillana Project.

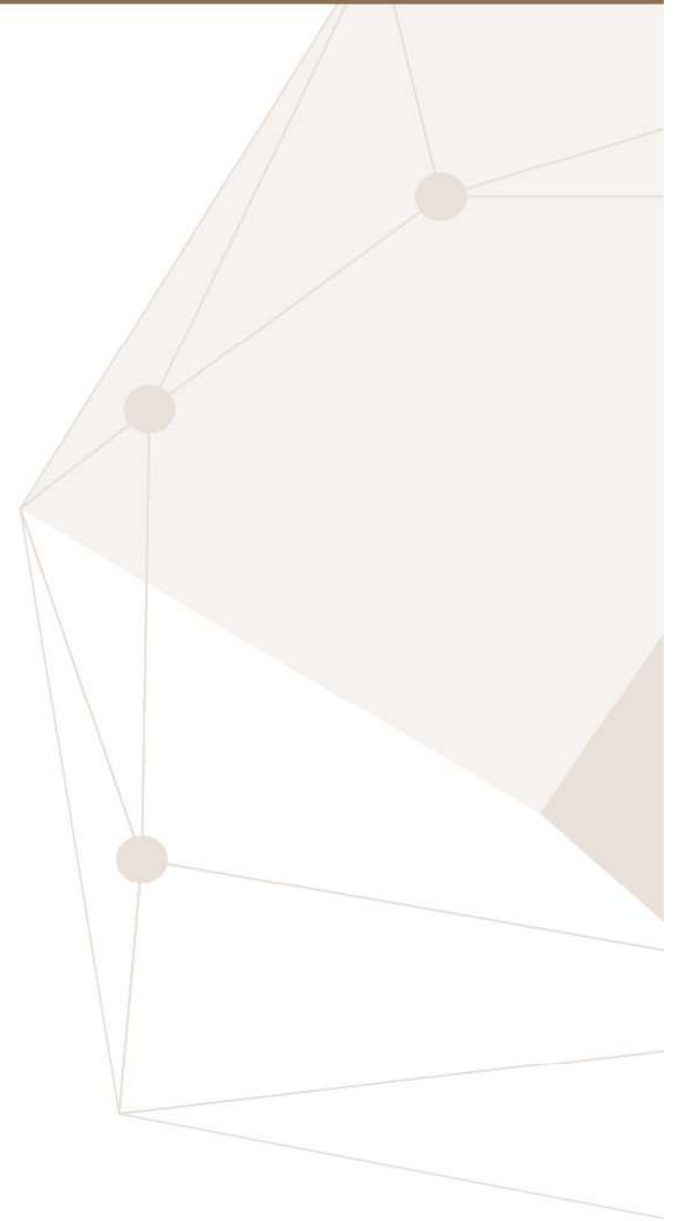
Resource Summary ⁽¹⁾

RESOURCE SUMMARY				
Project	Resource (tonnes)	Grade (%)	Reserve (tonnes)	Grade (%)
Marillana				
Detrital	1,528	42.6	1,001	42.4
CID	102	55.6	48	55.5
Ophthalmia ⁽²⁾				
Coondiner DSO	108	58.3	-	-
Kalgan Creek DSO	52	59.1	-	-
TOTAL	1,790		1,049	

(1) See Appendix 1 for detail

(2) Mineral Resource estimate for the Sirius prospect pending.

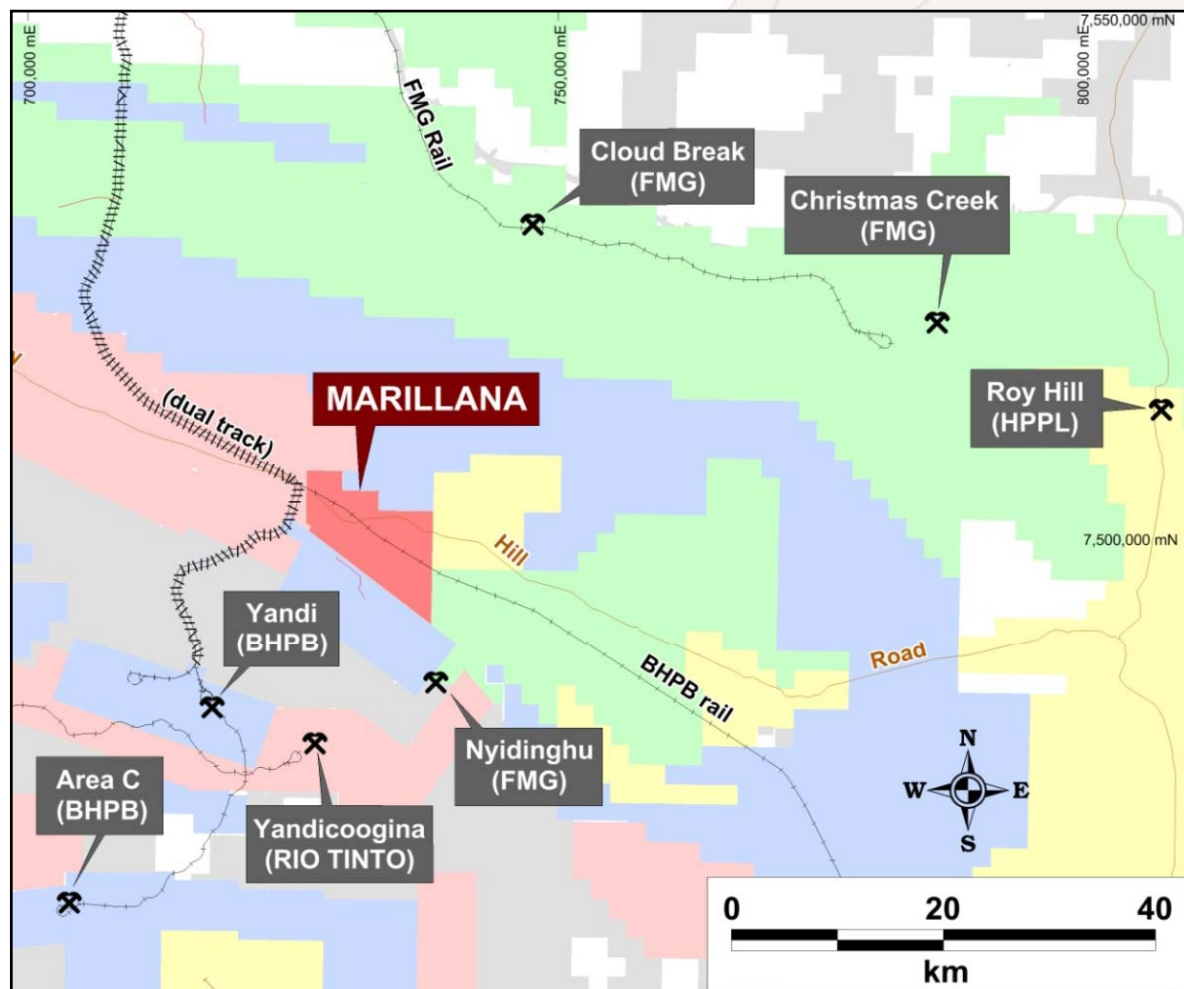
Marillana Iron Ore Project



Project Development

KEY STATISTICS

Mining Reserve (JORC)	1.05 Bt (Proven: 133 Mt, Probable: 916 Mt)
Final product grade	60.5–61.5% Fe
Mining Operation	- Conventional truck and shovel - Free digging - Average Strip Ratio: 0.8 over life of mine
Annual production	18.5 Mtpa (wet)
First production	2016
Mine life (initial)	25 years



Final Product and Sinter Performance

FINAL PRODUCT GRADES

Fe (%)	SiO ₂ (%)	Al ₂ O ₃ (%)	S (%)	P (%)	LOI 1000°C (%)
60.5 – 61.5	6.0 – 6.5	2.5 – 3.0	<0.02	<0.08	2.0 – 3.0

- Hematite concentrate with a -8 mm +1 mm size specification
- Final Fe grades equivalent to major Pilbara iron ore producers
- Sinter testing confirms positive performance of the concentrate, suitable as a quality replacement for existing Pilbara fines in blended mill feeds
- Particularly beneficial where concentrates are used as sinter feed
- Total impurities (SiO₂, Al₂O₃, LOI)~12% are lower than most Pilbara ores

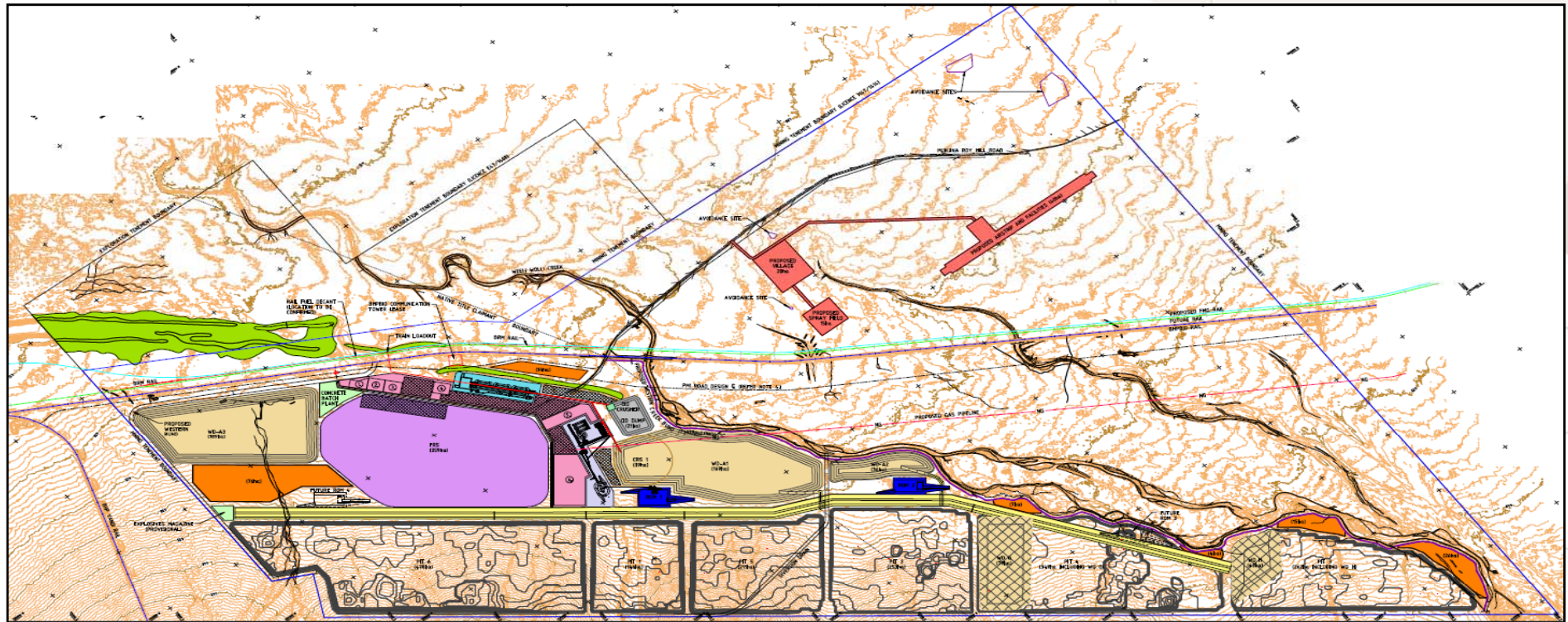
Funding Options

- Engaged with interested parties targeting a joint-venture funding arrangement to fund project equity and facilitate debt funding
- 30–40% joint venture interest available and 30–100% project off-take available
- Vendor financing considered for camp, power station, and discrete plant
- Targeting end 2013 to complete funding for production in 2016

Marillana Iron Ore Project – Mine

MINE STATUS

2010	DFS confirmed Marillana Project is financially robust and long life
2011	FEED completed and including further engineering and optimisation studies
2012	Native Title agreements and key environmental approvals finalised and approved
2012	Financing initiatives underway



Marillana Iron Ore Project – Metallurgy and Processing

Simple mining & processing

- Shallow, large scale mining
- Simple robust process flow sheet
- Positive sintering performance
- -8 mm +1 mm product size – no ultra fines

```
graph TD
    PC[PRIMARY CRUSHER] --> OC[OVERLAND CONVEYOR FROM MINE]
    OC --> COS[CRUSHED ORE STOCKPILE]
    COS --> S[SCRUBBING]
    S --> WS[WET SCREENING]
    WS -- REJECTS --> SC[SECONDARY CRUSHING]
    WS --> ST[SCREENING]
    ST -- REJECTS --> CL[CLASSIFICATION]
    ST --> DC[DMS CIRCUIT]
    CL -- REJECTS --> FRT[FINES REJECTS THICKENER]
    CL --> SCIR[SPIRAL CIRCUIT]
    DC -- REJECTS --> CR[COARSE REJECTS]
    DC --> DP[DETRITAL PRODUCT STOCKPILE]
    FRT --> FRS[FINES REJECT STORAGE]
    DP --> RP[RAIL TO PORT]
```

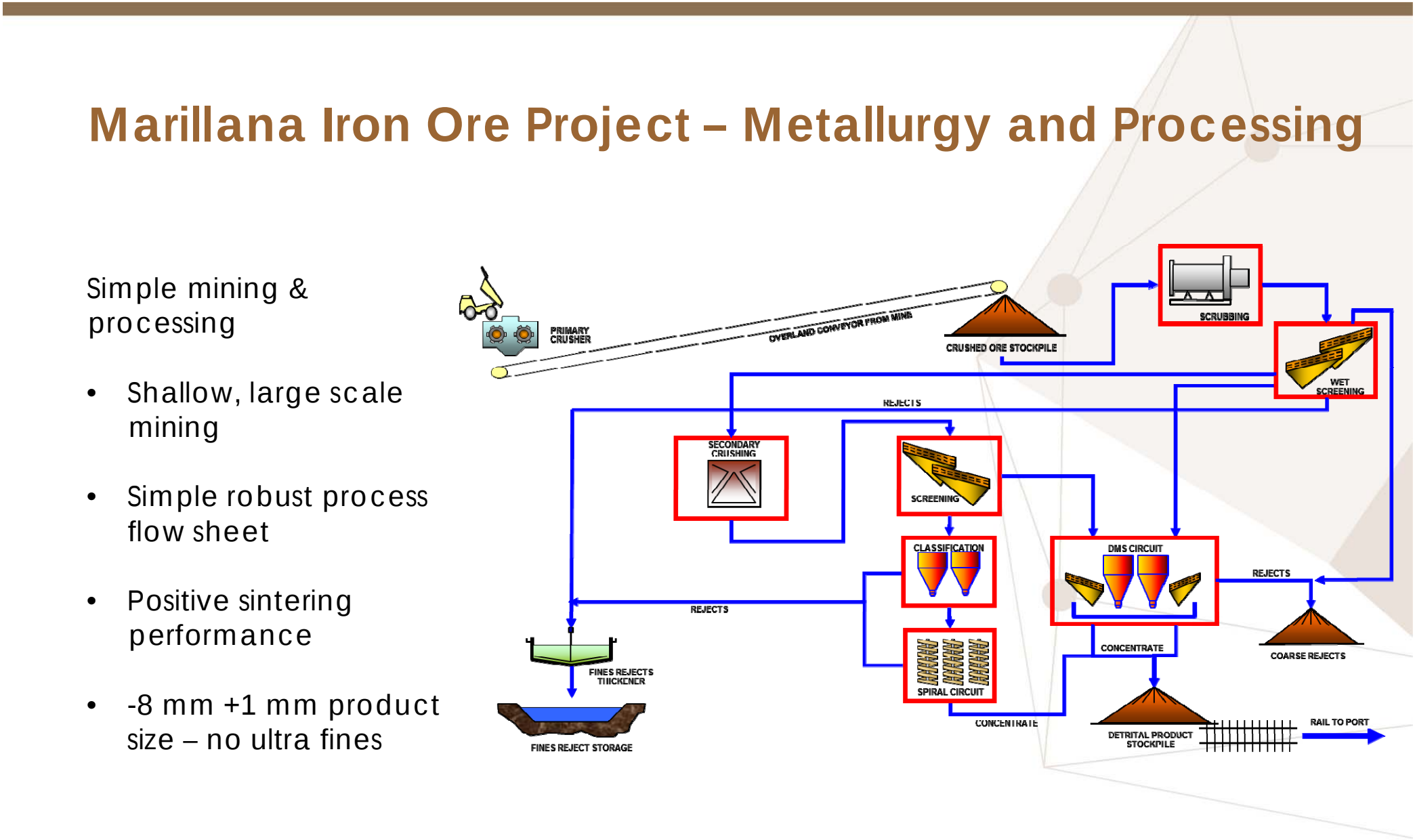
Marillana Iron Ore Project – Metallurgy and Processing

Simple mining & processing

- Shallow, large scale mining
- Simple robust process flow sheet
- Positive sintering performance
- -8 mm +1 mm product size – no ultra fines

```
graph TD
    PC[PRIMARY CRUSHER] --> OC[OVERLAND CONVEYOR FROM MINE]
    OC --> COS[CRUSHED ORE STOCKPILE]
    COS --> S[SCRUBBING]
    S --> WS[WET SCREENING]
    WS -- REJECTS --> SC[SECONDARY CRUSHING]
    WS -- CONCENTRATE --> SCR[SCREENING]
    SCR -- REJECTS --> CL[CLASSIFICATION]
    SCR -- CONCENTRATE --> DMS[DMS CIRCUIT]
    CL -- REJECTS --> FRT[FINES REJECTS THICKENER]
    CL -- CONCENTRATE --> SCIR[SPIRAL CIRCUIT]
    FRT --> FRS[FINE REJECT STORAGE]
    SCIR -- CONCENTRATE --> DPS[DETRITAL PRODUCT STOCKPILE]
    DMS -- REJECTS --> CR[COARSE REJECTS]
    DMS -- CONCENTRATE --> DPS
    DPS --> RP[RAIL TO PORT]
```

- # Marillana Iron Ore Project – Metallurgy and Processing
- Simple mining & processing
- Shallow, large scale mining
 - Simple robust process flow sheet
 - Positive sintering performance
 - -8 mm +1 mm product size – no ultra fines
-
- ```
graph TD
 PC[PRIMARY CRUSHER] --> OC[OVERLAND CONVEYOR FROM MINE]
 OC --> COS[CRUSHED ORE STOCKPILE]
 COS --> S[SCRUBBING]
 S --> WS[WET SCREENING]
 WS -- REJECTS --> SC[SECONDARY CRUSHING]
 WS -- CONCENTRATE --> SCR[SCREENING]
 SCR -- REJECTS --> CL[CLASSIFICATION]
 SCR -- CONCENTRATE --> DMS[DMS CIRCUIT]
 CL -- REJECTS --> FRT[FINES REJECTS THICKENER]
 CL -- CONCENTRATE --> SCIR[SPIRAL CIRCUIT]
 FRT --> FRS[FINE REJECT STORAGE]
 SCIR -- CONCENTRATE --> DPS[DETRITAL PRODUCT STOCKPILE]
 DMS -- REJECTS --> CR[COARSE REJECTS]
 DMS -- CONCENTRATE --> DPS
 DPS --> RP[RAIL TO PORT]
```

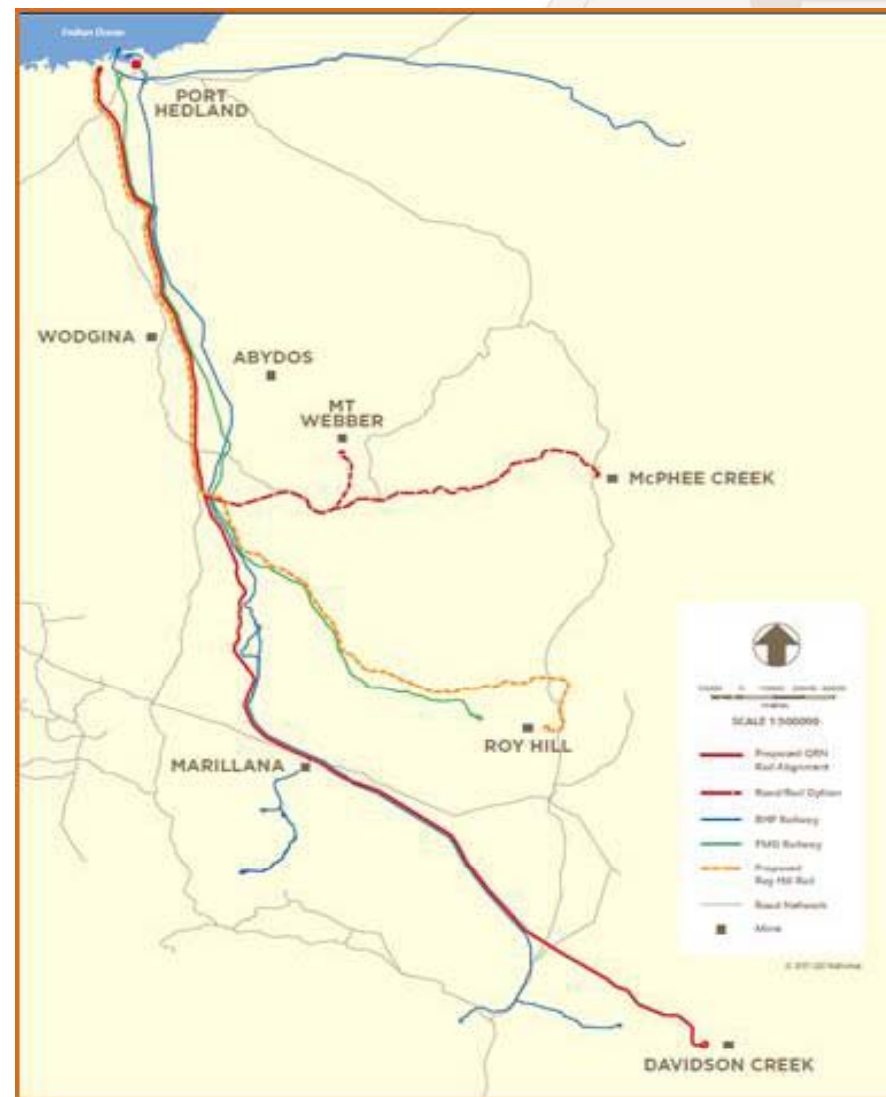


# Marillana Infrastructure Development

# Independent Rail Infrastructure

## INDEPENDENT RAIL OPTION STATUS

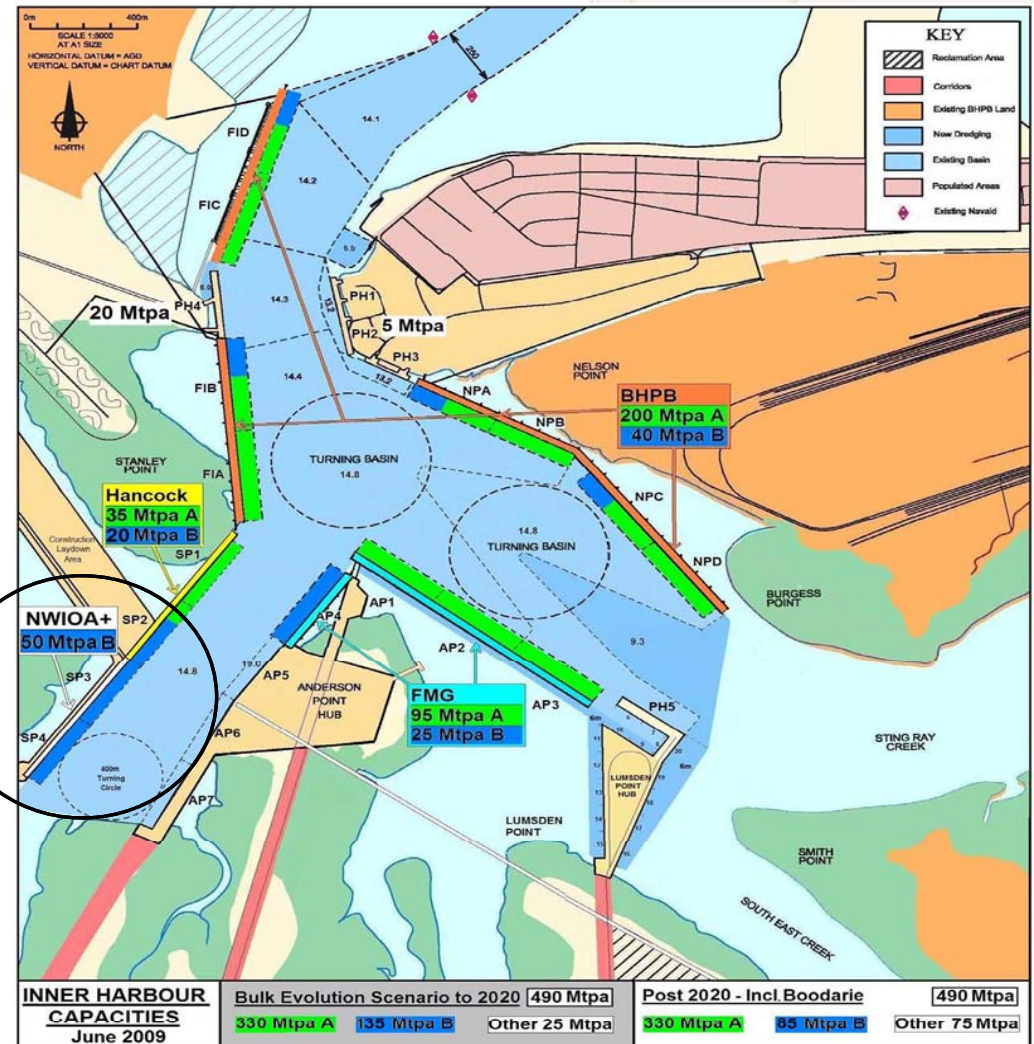
|           |                                                                                                                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Under way | Prefeasibility Study undertaken by Brockman, Atlas and Aurizon (formerly QR National) to evaluate integrated mine, rail and port logistics solution for the East Pilbara region, due end 2012 |
| Under way | Aurizon State Agreement negotiations with WA State Government                                                                                                                                 |
| 2012      | Environmental studies underway and land access agreements in place                                                                                                                            |
| 2012      | Brockman confirms independent rail option with Aurizon and Atlas as the preferred option                                                                                                      |
| Open      | Review of other rail options including FMG & Hancock Prospecting                                                                                                                              |



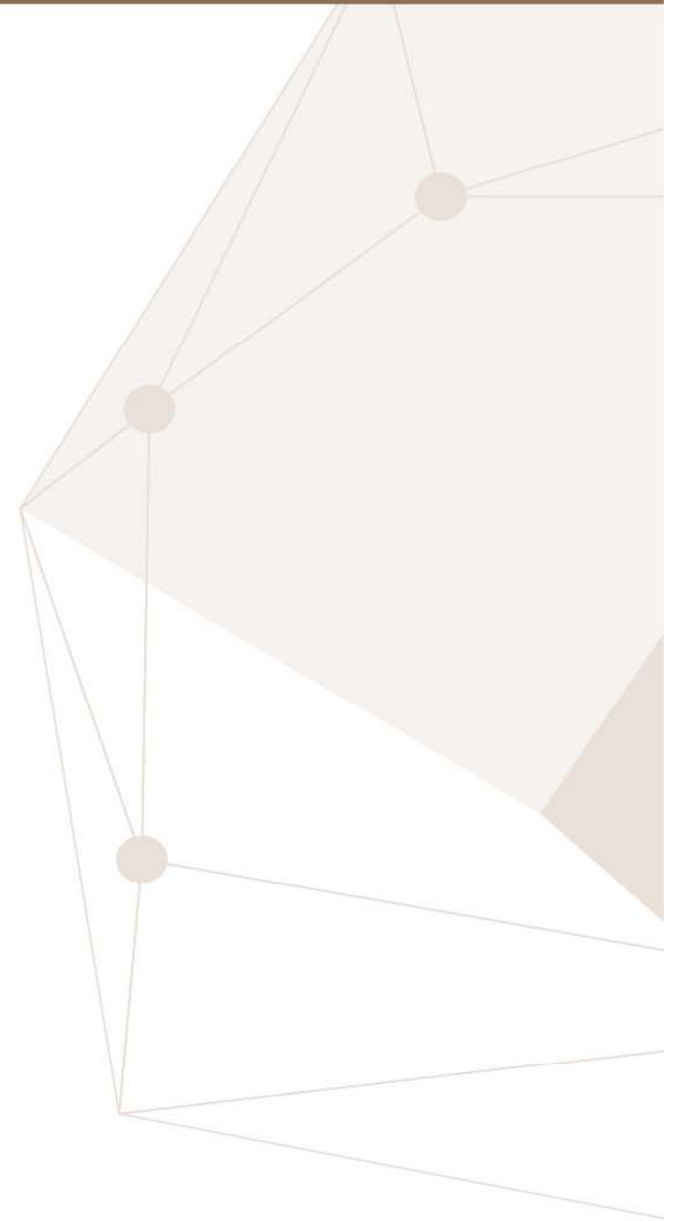
# Port Infrastructure

## PORT INFRASTRUCTURE STATUS

|          |                                                                                                                                                                                                                     |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2008     | North West Infrastructure (NWI) established joint venture company : Brockman Mining Limited (37%); Atlas Iron Limited (39%); FerrAus Limited* (24%)<br>* FerrAus Limited is a wholly-owned subsidiary of Atlas Iron |
| 2009     | NWI granted a 50 Mtpa allocation by the Western Australian State Government to develop two berths and associated stockyards in Port Hedland                                                                         |
| 2011     | Detailed engineering report on port development completed. Native Title and Environmental approvals have been granted                                                                                               |
| 2012     | Two berth allocations in inner harbour confirmed by Western Australian Minister for Transport                                                                                                                       |
| 2012     | Further studies conducted to optimise layout and design features of NWI port facilities                                                                                                                             |
| Underway | Conditions Precedent Deed and Agreement to Lease Under negotiation between NWI and Port Hedland Port Authority (PHPA)                                                                                               |



# Investment Scope

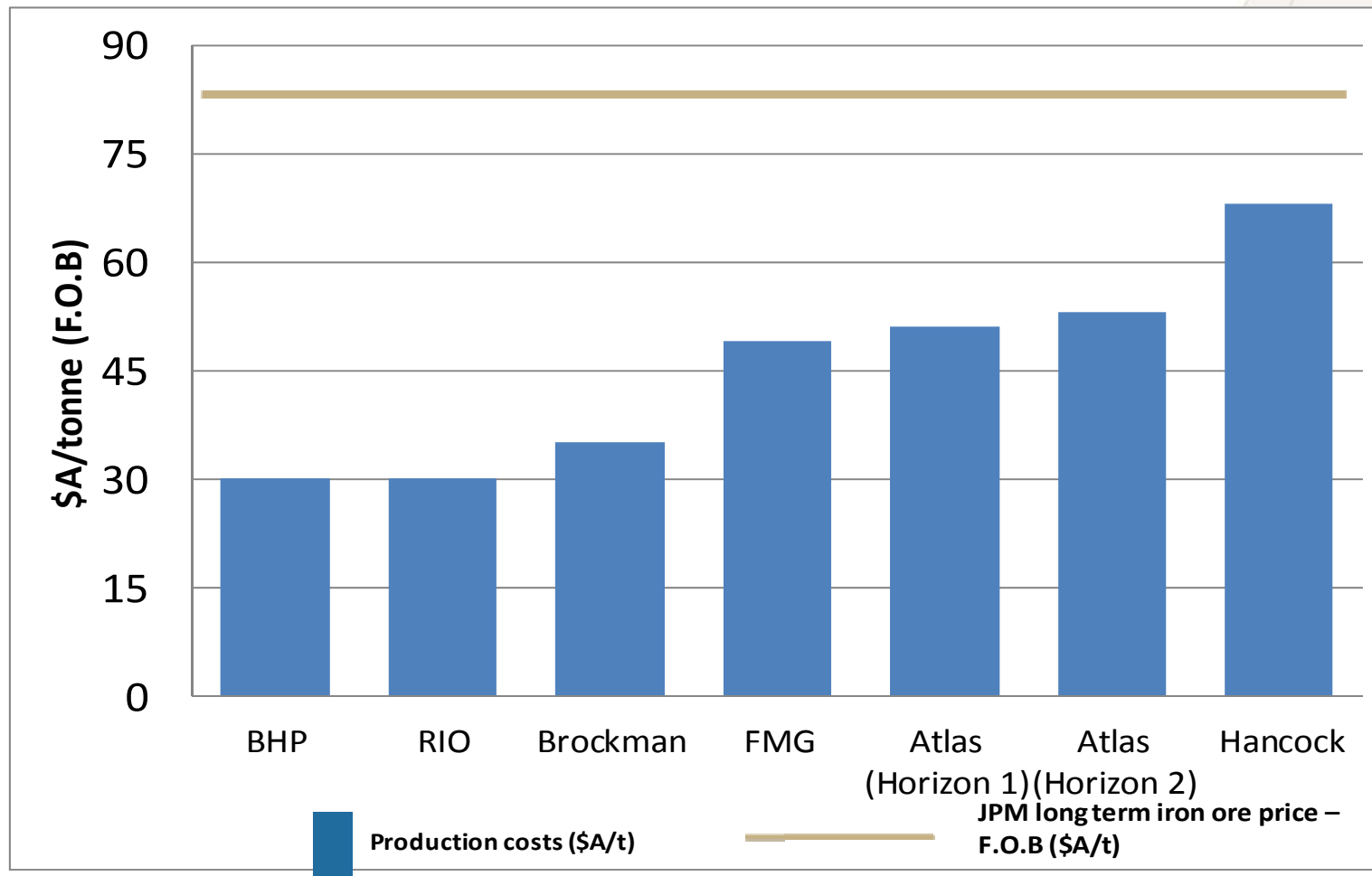


# Strategic Advantages

- Large scale, financially robust, long life project with a high quality final product
- Foundation shareholder in NWI, securing port capacity allocation
- Board and management team with strong depth of mining and iron ore experience
- Future highly prospective projects located near established or proposed rail and port infrastructure

# SIGNIFICANT MARGIN POTENTIAL

Cost of production vs. J.P. Morgan long term iron ore price forecast



Source: JP Morgan 2012

# 2013 Milestones

## Secure infrastructure

- Complete Feasibility Study for development of the East Pilbara Independent Rail
- Secure Port Lease subject to agreed milestones

## Secure funding partners

- Execute MOU with preferred Joint Venture partner
- Commence Debt Funding process

## Advance Projects

- Marillana China sinter test work
- Marillana yield improvement test work on -1 mm material
- Establish a Mineral Resource at the Sirius prospect
- Complete Ophthlamia Scoping Study
- Advance Native Title agreements and Environment approval processes and apply for a Mining Lease at Ophthalmia

# Appendix 1

## Resource and Reserve Summaries

# Marillana Iron Ore Project

## Mineral Resource Summary

### BENEFICIATION FEED (Cut-off grade: 38% Fe)

| Mineralisation type | Resource classification | Tonnes (Mt)  | Grade (% Fe) |
|---------------------|-------------------------|--------------|--------------|
| Detrital            | Measured                | 173          | 41.6         |
|                     | Indicated               | 1,036        | 42.5         |
|                     | Inferred                | 201          | 40.7         |
| Pisolite            | Indicated               | 117          | 47.4         |
| Total               | Measured                | 173          | 41.6         |
|                     | Indicated               | 1,154        | 43.0         |
|                     | Inferred                | 201          | 40.7         |
| <b>TOTAL</b>        |                         | <b>1,528</b> | <b>42.6</b>  |

Mineral Resources are inclusive of Ore Reserves

# Marillana Iron Ore Project

## Ore Resource Summary

### MARILLANA CID (Cut-off grade: 52% Fe)

| Resource classification | Tonnes (Mt)  | Fe (%)      | CaFe (%)    | Al <sub>2</sub> O <sub>3</sub> (%) | SiO <sub>2</sub> (%) | P (%)        | LOI (%)    |
|-------------------------|--------------|-------------|-------------|------------------------------------|----------------------|--------------|------------|
| Indicated               | 84.2         | 55.8        | 61.9        | 3.6                                | 5.0                  | 0.097        | 9.8        |
| Inferred                | 17.7         | 54.4        | 60.0        | 4.3                                | 6.6                  | 0.080        | 9.3        |
| <b>TOTAL</b>            | <b>101.9</b> | <b>55.6</b> | <b>61.5</b> | <b>3.7</b>                         | <b>5.3</b>           | <b>0.094</b> | <b>9.7</b> |

Mineral Resources are inclusive of Ore Reserves

# Marillana Iron Ore Project

## Reserve Summary

### MARILLANA DETRITAL ORE RESERVES

| Reserve classification | Mt           | Fe (%)      |
|------------------------|--------------|-------------|
| Proven                 | 133          | 41.6        |
| Probable               | 868          | 42.5        |
| <b>TOTAL</b>           | <b>1,001</b> | <b>42.4</b> |

### MARILLANA CID ORE RESERVES\*

| Reserve classification | Mt          | Fe (%)      | CaFe* (%)   | SiO <sub>2</sub> (%) | Al <sub>2</sub> O <sub>3</sub> (%) | P (%)       | LOI (%)    |
|------------------------|-------------|-------------|-------------|----------------------|------------------------------------|-------------|------------|
| Probable               | 48.5        | 55.5        | 61.5        | 5.3                  | 3.7                                | 0.09        | 9.7        |
| <b>TOTAL</b>           | <b>48.5</b> | <b>55.5</b> | <b>61.5</b> | <b>5.3</b>           | <b>3.7</b>                         | <b>0.09</b> | <b>9.7</b> |

\*CaFe represents calcined Fe and is calculated by Brockman using the formula  $\text{CaFe} = \text{Fe\%} / ((100 - \text{LOI\%}) / 100)$

# Ophthalmia Iron Ore Project

## Mineral Resource Summary

| OPHTHALMIA DSO<br>(Cut-off grade: 54% Fe) |                 |                |              |              |                         |                                       |              |             |             |
|-------------------------------------------|-----------------|----------------|--------------|--------------|-------------------------|---------------------------------------|--------------|-------------|-------------|
| Deposit                                   | Class           | Tonnes<br>(Mt) | Fe<br>(%)    | CaFe*<br>(%) | SiO <sub>2</sub><br>(%) | Al <sub>2</sub> O <sub>3</sub><br>(%) | S<br>(%)     | P<br>(%)    | LOI<br>(%)  |
| Coondiner<br>(Pallas<br>and<br>Castor)    | Indicated       | 64.3           | 58.00        | 61.55        | 5.79                    | 4.40                                  | 0.009        | 0.17        | 5.77        |
|                                           | Inferred        | 43.7           | 58.79        | 62.15        | 5.33                    | 4.38                                  | 0.006        | 0.18        | 5.41        |
|                                           | <b>SUBTOTAL</b> | <b>108.0</b>   | <b>58.30</b> | <b>61.77</b> | <b>5.61</b>             | <b>4.39</b>                           | <b>0.008</b> | <b>0.17</b> | <b>5.62</b> |
| Kalgan<br>Creek                           | Inferred        | 12.5           | 59.25        | 62.64        | 4.02                    | 4.79                                  | 0.007        | 0.20        | 5.41        |
|                                           | <b>SUBTOTAL</b> | <b>39.7</b>    | <b>59.07</b> | <b>62.55</b> | <b>4.53</b>             | <b>4.55</b>                           | <b>0.005</b> | <b>0.17</b> | <b>5.56</b> |
| <b>TOTAL</b>                              |                 | <b>160.1</b>   | <b>58.56</b> | <b>62.03</b> | <b>5.22</b>             | <b>4.46</b>                           | <b>0.007</b> | <b>0.17</b> | <b>5.59</b> |

\*CaFe represents calcined Fe and is calculated by Brockman using the formula  $\text{CaFe} = \text{Fe\%} / ((100 - \text{LOI\%}) / 100)$

# Competent Person's Statement

The information in this presentation that relates to Mineral Resources and Ore Reserves is based on information compiled by Mr I Cooper, Mr J Farrell and Mr A Zhang.

The Ore Reserves statement has been compiled in accordance with the guidelines defined in the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code – 2004 Edition). The Ore Reserves have been compiled by Mr Iain Cooper, who is a Member of Australasian Institute of Mining and Metallurgy and a full time employee of Golder Associates Pty Ltd. Mr Cooper has sufficient experience in Ore Reserve estimation relevant to the style of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Mineral Resources and Ore Reserves”. Iain Cooper consents to the inclusion of the matters based on this information in public releases by Brockman, in the form and context in which it appears.

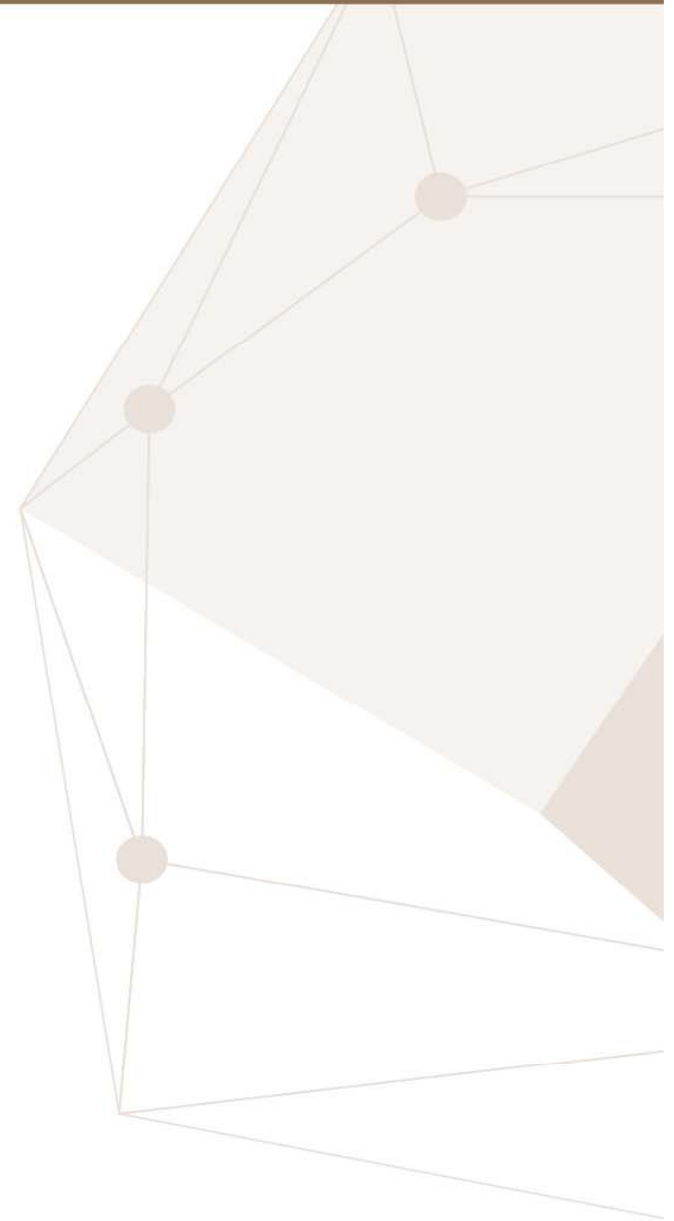
Mr J Farrell, who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Golder Associates Pty Ltd, produced the Mineral Resource estimates based on the data and geological interpretations provided by Brockman. Mr Farrell has sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that 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 Resource and Ore Reserves”. Mr Farrell consents to the inclusion in this presentation of the matters based on his information in the form and context that the information appears.

Mr A Zhang, who is a Member of the Australasian Institute of Mining and Metallurgy and a full-time employee of Brockman Mining Pty Ltd, provided the geological interpretations and the drill hole data used for the Mineral Resource estimation. Mr Zhang has sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that 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 Resource and Ore Reserves”. Mr Zhang consents to the inclusion in this presentation of the matters based on his information in the form and context that the information appears.

Mr Zhang has sufficient experience that is relevant to the style of mineralisation, type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2004 edition of the ‘Australasian Code for Reporting of Exploration Results’. Mr Zhang consents to the inclusion in this presentation of the matters based on his information in the form and context that the information appears.

# Appendix 2

## Background Slides

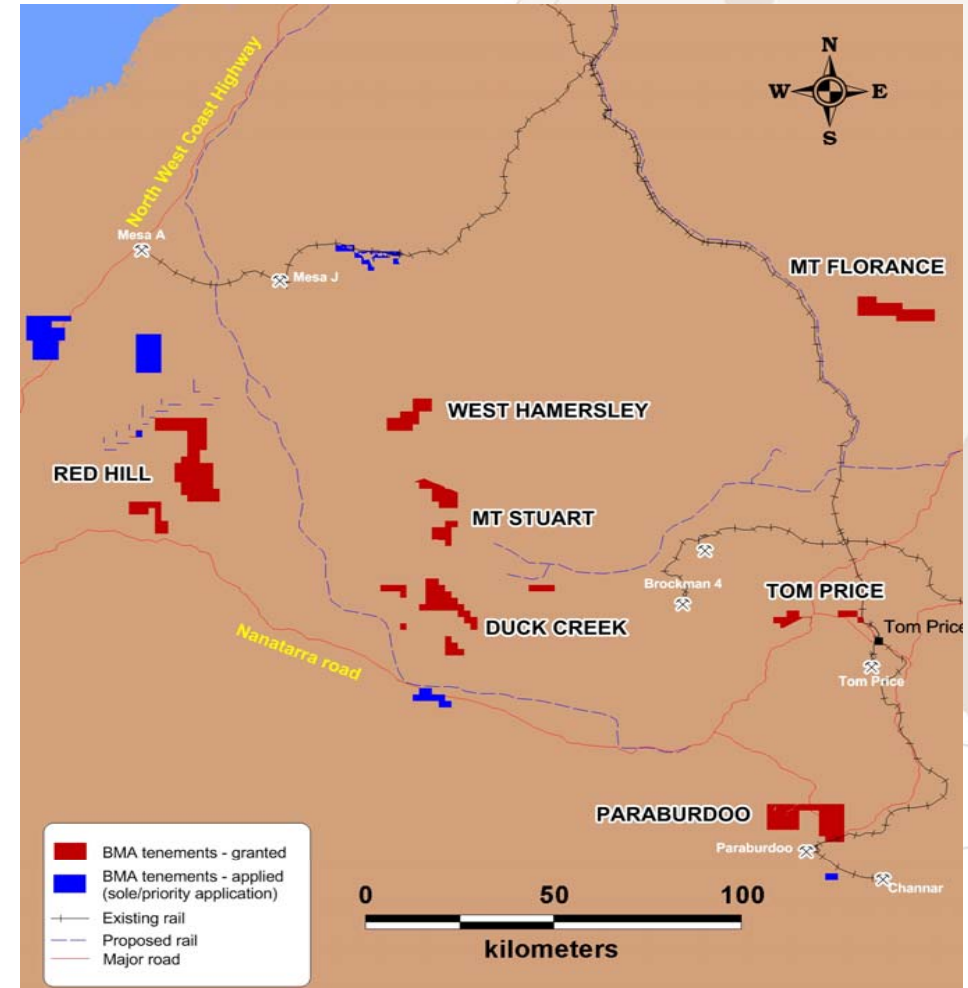


# EXPLORATION – West Pilbara (100%)

- Significant upside to be realised in the West Pilbara tenements providing a potential third near term operation
- Initial drilling at Duck Creek and West Hamersley confirms near-surface DSO grade mineralisation in both Project areas with very low levels of the contaminant phosphorous
- **Combined Exploration Target<sup>1</sup> of 80–100 Mt of DSO hematite grading 57–60% Fe**
- Duck Creek: up to 20 m at 56.6% Fe from 1 m and 17 m at 56.8% Fe from surface
- West Hamersley: up to 9 m at 58.8% Fe from surface

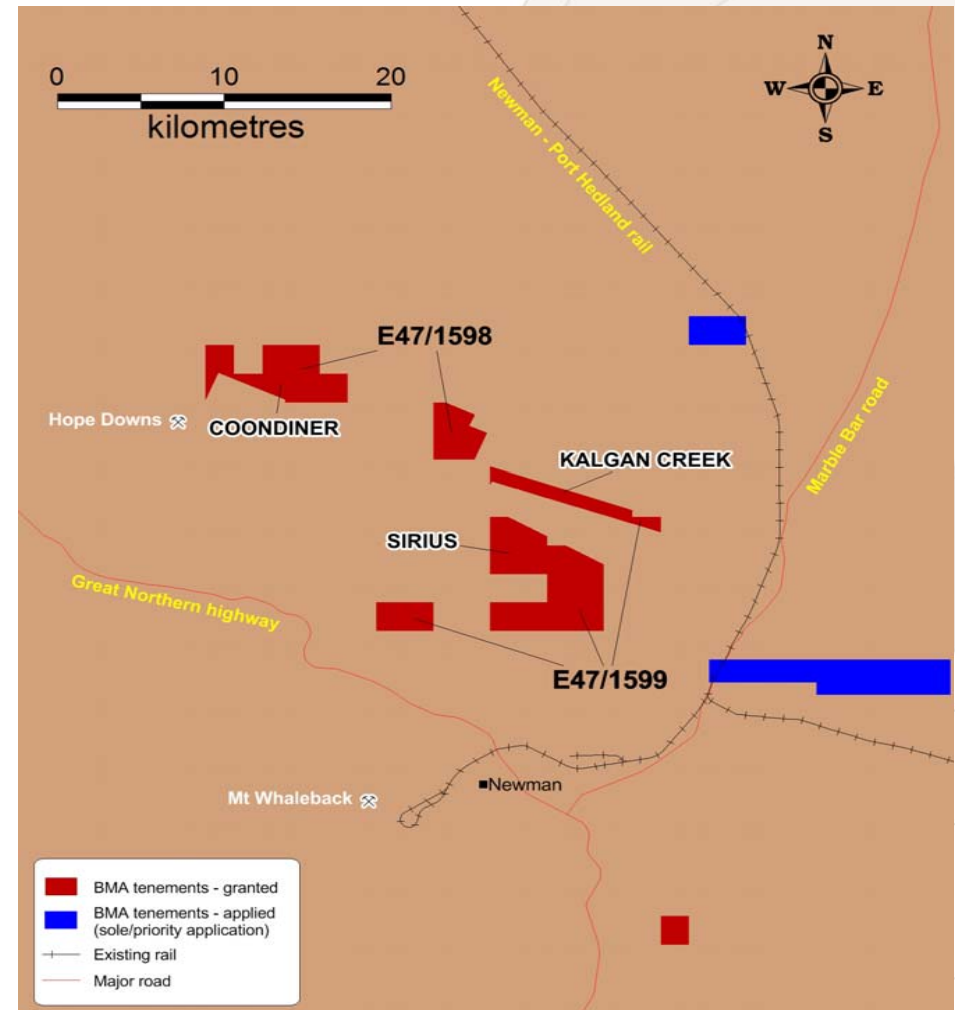
## <sup>1</sup> Exploration Targets

Any discussion in relation to the potential quantity and grade of Exploration Targets is only conceptual in nature. There has been insufficient exploration to define a Mineral Resource for these tenements and it is uncertain if further exploration will result in determination of a Mineral Resource for the West Hamersley tenements or other prospects on the Company's landholding outside of the currently defined JORC compliant resources at the Company's Marillana Project.



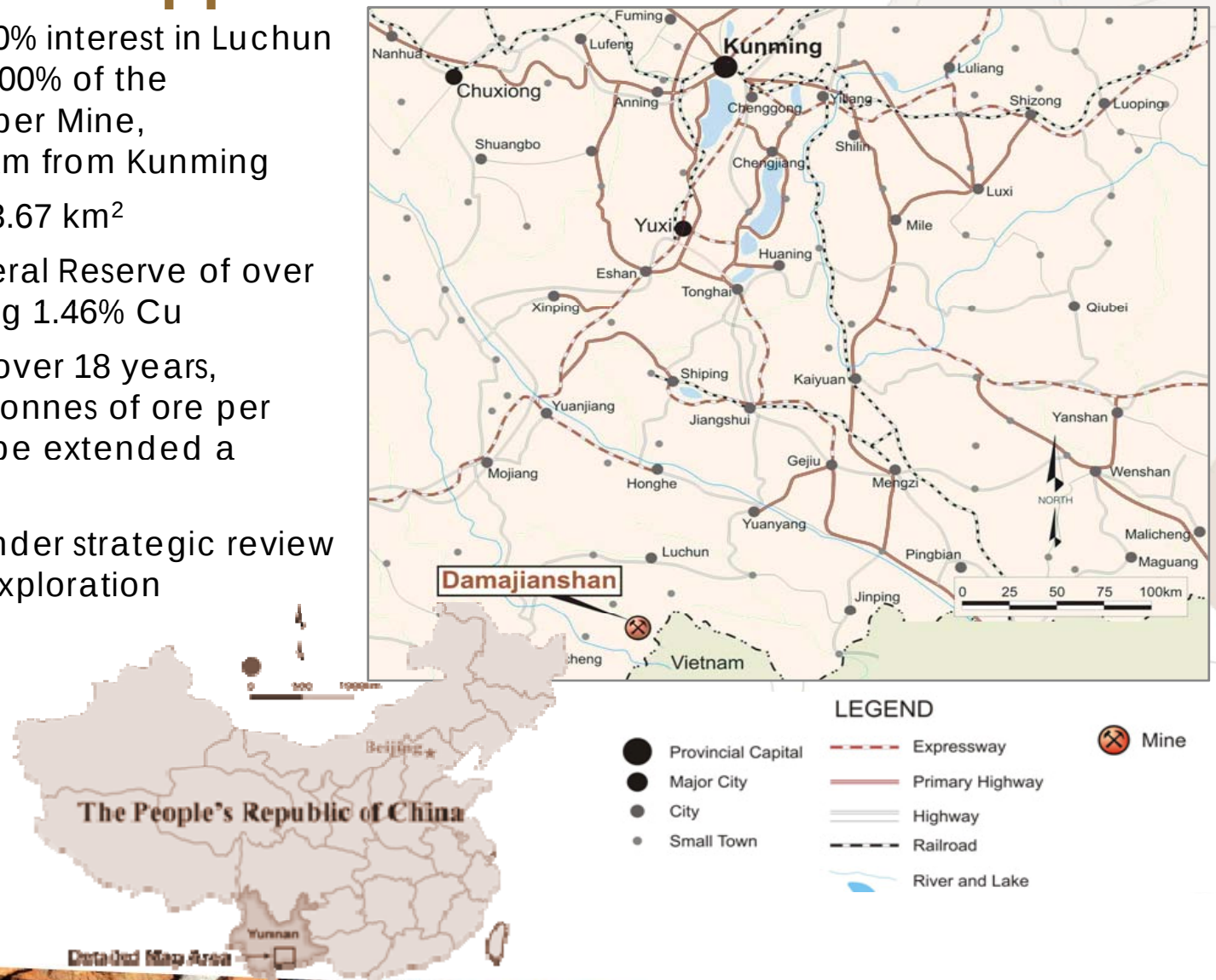
## PRE DEVELOPMENT – Ophthalmia (100%)

- Potentially as significant as Marillana Project with bedded hematite mineralisation (DSO) discovered 15–30 km north of Newman
- Deposits at Coondiner (Pallas and Castor) and Kalgan Creek
- Mineralisation identified at the Sirius prospect (Resource expected early 2013)
- Mineralisation is hosted by the Boolgeeda Iron Formation, which opens up additional potential for further mineralisation within the remainder of the Ophthalmia Project area
- Located only 70–80 km from Marillana, providing opportunities to connect to the Marillana Project infrastructure solution



# Damajianshan Copper Mine

- Brockman holds a 90% interest in Luchun Xintai, which owns 100% of the Damajianshan Copper Mine, approximately 700 km from Kunming
- Mining rights cover 3.67 km<sup>2</sup>
- Contains JORC Mineral Reserve of over 7.5 Mt of ore, grading 1.46% Cu
- Current mine life of over 18 years, processing 429,000 tonnes of ore per annum, which can be extended a further 9-18 years
- The mining plan is under strategic review for expansion and exploration



# Damajianshan Resources

| Reserve Classification | Ore Tonnage (tonnes) | Cu Grading (%) | Cu Metal (tonnes) |
|------------------------|----------------------|----------------|-------------------|
| Proved                 | 4,404,000            | 1.49           | 65,600            |
| Probable               | 3,150,000            | 1.42           | 44,700            |
| <b>Total</b>           | <b>7,554,000</b>     | <b>1.46</b>    | <b>110,300</b>    |

| Resource Classification | Ore Tonnage (tonnes) | Cu Grading (%) | Cu Metal (tonnes) |
|-------------------------|----------------------|----------------|-------------------|
| Measured                | 4,408,000            | 1.79           | 78,900            |
| Indicated               | 3,153,000            | 1.70           | 53,600            |
| <b>Subtotal</b>         | <b>7,561,000</b>     | <b>1.75</b>    | <b>132,500</b>    |
| Inferred                | 7,678,000            | 1.61           | 123,600           |
| <b>Total</b>            | <b>15,239,000</b>    | <b>1.68</b>    | <b>256,100</b>    |

Reported under the JORC Code as per the Technical Report by Behre Dolbear Asia Inc. (BDASIA) dated 30 September 2011.

# Competent Person's Statement

The information in the Report that relates to Exploration Results, Mineral Resources or Ore Reserves in relation to the Damajianshan Mine has been reviewed by Mr. Christopher Arndt who is a self employed consultant to the Company. Mr Arndt is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient experience which is 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Arndt consents to the inclusion in the Report of the matters based on this information in the form and context in which it appears.

# CONTACT

## **Michelle Manook**

General Manager, External Affairs

[michellemanook@brockman.com.au](mailto:michellemanook@brockman.com.au)

Mobile: +61 417 954 474

117 Stirling Highway

NEDLANDS WA 6009

Australia

[www.brockmanmining.com](http://www.brockmanmining.com)

