

The Time The Place The Metal

General Meeting July 17 2008 Mike Young, Managing Director



# Forward Looking Statements

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This release may include forward-looking statements. These forward-looking statements are based on management's expectations and beliefs concerning future events. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, some of which are outside the control of BC Iron Limited, that could cause actual results to differ materially from such statements. BC Iron Limited makes no undertaking to subsequently update or revise the forward-looking statements made in this release to reflect events or circumstances after the date of this release.

The information relating to the terms "iron ore", "exploration target", "direct shipping ore", "conceptual pits" and "upgrade" should not be misunderstood or misconstrued as an estimate of Mineral Resources and Reserves as defined by the JORC Code (2004) and therefore the terms have not been used in this context. It is uncertain if further exploration or feasibility study will result in the determination of a Mineral Resource or Mining Reserve.

The information that relates to exploration targets, exploration results and drilling data is based on information compiled by Michael Young who is a Member of The Australian Institute of Geoscientists and a Director of the Company. Mr Young 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 Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Young consents to the inclusion of his name in the matters based on their information in the form and context in which it appears. A full description and JORC Statement relating to the Mineral Resource Estimate is provided in the release to the Australian Securities Exchange dated March 31, 2008.

You should not act and refrain from acting in reliance on this presentation material. This overview of BC Iron 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 and making any investment decision.

The information contained herein is general in nature and does not constitute financial product advice. If necessary, you should seek specific financial advice of your stockbroker prior to making any investment decision. This presentation has been prepared without taking into account the investment objectives, financial situation or particular needs of any investor.



# EXECUTIVE SUMMARY

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Completed	Listed on ASX	Dec 2006
	Capital Raising	Nov 2007
	Maiden Resource Estimate	Mar 2008
	Scoping Study completed	Jun 2008
	Feasibility Study commenced	Jul 2008
Objectives	> Resource Estimate	2H 2008
	Feasibility Study	1H 2009
	Construction	2H 2009
	> Production	1H 2010





Board

# EXECUTIVE SUMMARY

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- Tony Kiernan
  - > Mike Young
  - Garth Higgo COO Consmin
  - Ferry Ransted Chief Geologist Alkane
  - Steven Chadwick Independent

## Senior Management

- Blair Duncan
- Bill Oliver
- Shane Bolt
- > Brett Powter

Non-executive Chairman Managing Director Non-executive Director Non-executive Director Non-executive Director

- Exploration Manager Snr Geo Nullagine
- Snr Field Assistant





# EXECUTIVE SUMMARY - Scoping Study

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- **Completed on 3Mtpa DSO operation from 2010 ramping up to 5Mtpa by 2011**
- Capex A\$85 million Opex A\$42/tonne Margin ~\$30 40/tonne
  - based on current iron price and Forex projections
- 2008 Iron Ore Price increase +80% to 144 \$US/dmtu ~\$80/tonne
  Simple mine, crush & screen, and haulage operation
- **Feasibility Study preliminary fieldwork underway flora / fauna / vegetation**



BD0389 – iron ore grading 59.8% Fe in core hole Outcamp Well



## **Executive Summary - Location**

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# THE BONNIE CREEK CID PROJECT

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## **Scoping Study**

- > DSO 28Mt @ 57.4% Fe (65.1% CaFe)
- 'In Pit' 27.7Mt @ 57.4% Fe (65.1% CaFe)
- > Target Production  $3Mtpa \rightarrow 5 Mtpa$
- > CapEx A\$85M
- > OpEx \$42/tonne
- Margin (LoM) \$30-\$40/tonne
  Based on projected iron pricing and Forex
- Simple mine/crush/haul/ship operation
- Current mine life 6 years
- > Stripping ratio 1:1
- Target Resource > 40 Mt
- Target Mine Life > 8 years





## Bonnie Creek CID Mineral Resource

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#### **Bonnie Creek CID Project**

#### **Inferred Mineral Resource Estimate – March 2008**

DSO Resource Estimate										
Prospect	COG <sup>1</sup>	Zone	Mt	Fe	CaFe	SiO <sub>2</sub>	$Al_2O_3$	Р	S	LOI <sub>1000</sub>
Outcamp	55.0	DSO	20.6	57.3	64.9	3.18	1.70	0.016	0.017	11.8
Coongan	55.0	DSO	7.4	57.8	65.5	2.39	1.86	0.013	0.017	11.8
TOTAL DSO	55.0	DSO	28.0	57.4	65.1	2.98	1.76	0.015	0.017	11.8

## **Conceptual 'in pit' Resource**

Prospect	Zone	Mt	Fe	CaFe	SiO <sub>2</sub>	$Al_2O_3$	Р	S	LOI <sub>1000</sub>
Outcamp	DSO	20.5	57.2	64.9	3.20	1.72	0.016	0.017	11.8
Coongan	DSO	7.2	57.8	65.5	2.39	1.86	0.013	0.018	11.8
TOTAL 'In Pit' DSO	DSO	27.2	57.4	65.1	2.99	1.76	0.015	0.017	11.8

• For complete explanation see BC Iron release to the ASX, 31 March 2008

• The resource within the conceptual pit shells should not be misconstrued as a mining reserve No ore loss or dilution has been applied and it is uncertain if further work will result in a Mining Reserve.



# Bonnie Creek CID - Outcamp Prospect

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9



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> Shallow "pits" mainly above surrounding planes

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≻Above water table – lower impact on subterranean aquatic fauna

Low strip ratio – low Opex / mining ore from day 1



# Bonnie Creek CID - Surface Miner

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# Bonnie Creek CID – Warrigal Well Prospect

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## Warrigal Well CID

- Directly east of Outcamp Well
- ➤ Target 10 15 Mt DSO
- > Up to 27 m intersection CID
- > 7.2 km combined length
- > Outcropping mineralisation
- Follow-up drilling mid-2008





# Shaw River CID

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## **Shaw River CID**

- Med grade CID
  - High CaFe
- > Detrital Deposits
  - Low cost mining
- Potential source of upgrade ore
- Simple upgrade





# **INFRASTRUCTURE SOLUTIONS**

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- **Fortescue** > MOU negotiation over bulk commodity transport Chichester operations to Port Hedland
  - Provides rail loading, haulage, port handling and ship loading services
  - > Agreed rate of up to 5 Mtpa DSO fines
  - > Rail to Christmas Creek due for completion late 2009
  - Parties to consider other arrangements JV, mine gate sale

#### North West Iron Ore Alliance

- > Atlas Iron, BC Iron, Brockman Resources & FerrAus
- > Diversified iron ore industry in the Pilbara
- > Improved infrastructure access rail & port
- > Assist with statutory approvals
- Combined stakeholder & community relations



Fortescue ore train – photo by BC Iron





# CONCEPTUAL DEVELOPMENT PLAN

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Timing
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- Scoping Study Bonnie Creek CID Completed
  - > Baseline Environmental Surveys
  - Infill drilling
  - Resource Estimate
  - Feasibility Study
  - Mining Agreements
  - **EPA & Mining Approvals**
  - Construction commences
  - Production

Commenced Commenced Second Half 2008 First Half 2009 Second Half 2009 Second Half 2009 Second Half 2009

Drilling at Coongan Well

# 2H 20081H 20092H 20091H 2010Drill & ResEstFeasibilityFeasibilityFeasibilityEnv Surveys & PermitsConstructionProduction

## 15



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