

Developing the Multi-Generational Mardie Salt & Potash Project

Corporate Presentation

12 February 2021

ASX:BCI

www.bciminerals.com.au

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Summary Information Only; Material Assumptions Continue to Apply

This document contains a summary of information about BCI and The Mardie Project's feasibility study. The information is current as at the date of this document. The information in this document is general in nature and does not purport to be complete or to contain all the information which a prospective investor or financier may require in evaluating a possible investment in BCI or that would be required in a prospectus or a product disclosure statement prepared in accordance with the *Corporations Act 2001 (Cth)* ("Corporations Act"). For further information regarding BCI's feasibility study, recipients should refer to BCI's ASX announcement titled "Feasibility Study Confirms World Class Opportunity" and dated 1 July 2020. BCI confirms that all material assumptions that underpin the production targets and forecast financial information in the ASX announcement continue to apply and have not materially changed.

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This document contains forward-looking statements. These forward-looking statements are based on BCI's current expectations and beliefs concerning future events at the date of this document, and are expressed in good faith. BCI believes it has reasonable grounds for making the forward-looking statements. However, forward-looking statements are subject to risks, uncertainties and other factors, many of which are outside the control of BCI, which could cause actual results to differ materially from future results expressed or implied by such forward-looking statements. Consequently, forward-looking statements should not be relied on as a guarantee of future performance. Other than as required by law, including the ASX Listing Rules, BCI does not undertake or assume any obligation to update or revise any forward-looking statement contained in this document.

BCI has reasonable grounds to believe the required levels of equity and debt can be secured to fund the Mardie Project's development, however there are no certainties this will be achieved.

JORC Code

The Mardie Project aims to produce salt and SOP from a seawater resource, which is abundant, inexhaustible, readily accessible and has a known and consistent chemical composition. The Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2012 Edition ("JORC Code") does not apply to a project of this nature and, accordingly, JORC Ore Reserves and Mineral Resources are not reported.

Acceptance

By attending an investor presentation or briefing, or accepting, accessing or viewing this document you acknowledge and agree to the "Important Notices" as set out above.

BCI Overview

0.40

0.35

0.30

0.25

0.20

0.15

0.10

0.05

0.00

Share Price (\$)







BCI PERFORMANCE RELATIVE TO PEERS



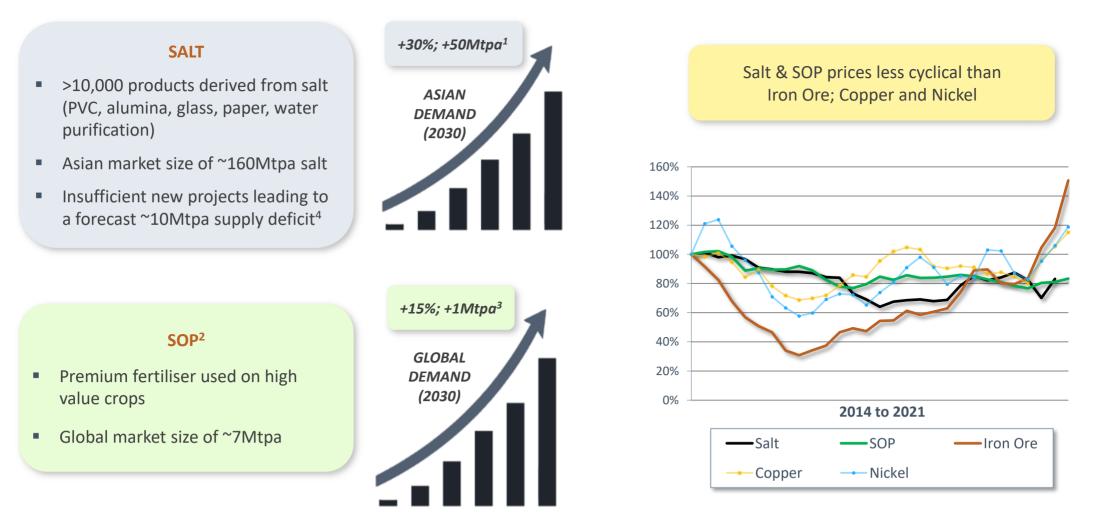
¹Based on 598.4M shares at \$0.35 per share as at 11 February 2021 ²as at 31 December 2020

Why Salt and SOP?



Strong growth markets

Stable pricing

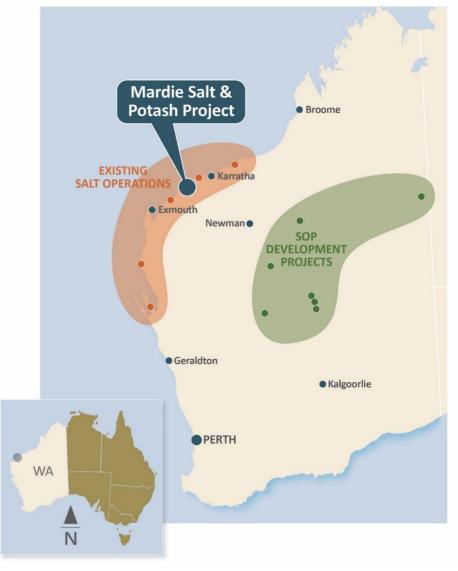


Australian Salt & SOP Landscape



Mardie: ideal location to produce high-purity salt and SOP

- Pilbara has ideal climate to produce high purity salt
 - High temperature, high wind, low rainfall, low humidity
 - Proven salt production region since the 1960's
- Five large WA Solar Salt Operations (12-13Mtpa)
 - Controlled by Rio Tinto and Mitsui
 - No new large Australian salt project in 20 years
- No current SOP production in Australia
 - Other development projects all based on inland lake brines and >800km road transport to third party ports
- Mardie Salt and SOP Project
 - Only Australian project with commercial salt and SOP from seawater

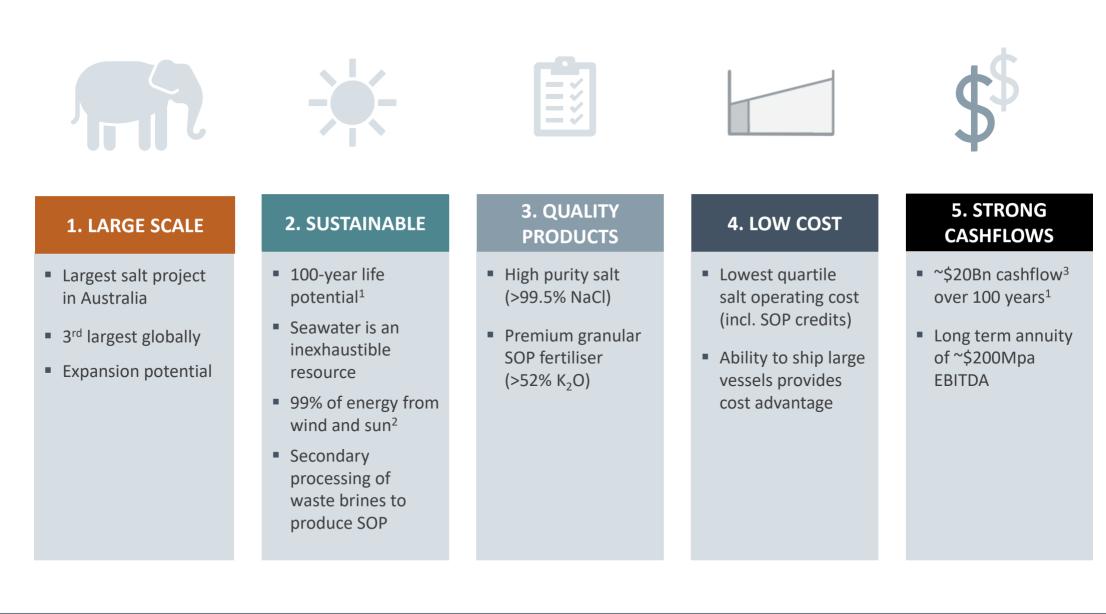


Western Australia – Salt and SOP Projects

Mardie – A Tier 1 Project



Large scale, low cost and long operating life

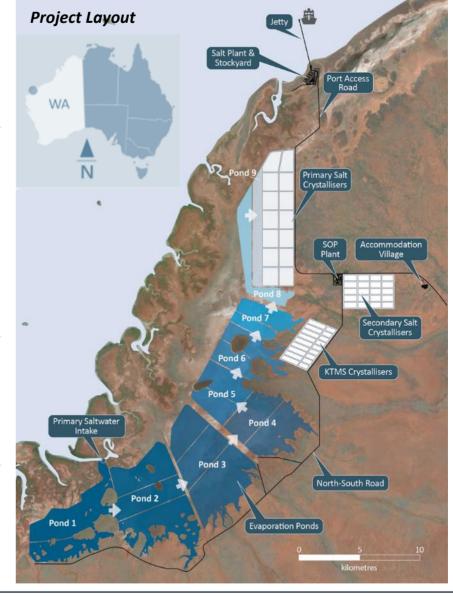


Feasibility Study Design



DFS completed in June 2020 with positive results

SITE CONDITIONS	 100km² clay soils – ideal to retain water High net evaporation rates (~10mm/day)
PRODUCTION	9 evaporation ponds34 salt and 18 SOP crystallisers
	 Salt wash plant producing 4.4Mtpa salt >99.5% NaCl
	 SOP process plant producing 120ktpa SOP >52% K₂O (granular)
PORT	 2.3km steel trestle jetty with conveyor
	 Ship loader to transfer salt and SOP
	 4.5km dredged channel
SHIPPING	 10,000t self-propelled and self-unloading transhipment vessel
	 Handymax, Panamax and Capesize vessels 28km offshore



Mardie Scale will be Globally Significant

Third largest solar salt project globally¹



Project footprint vs Sydney/Perth

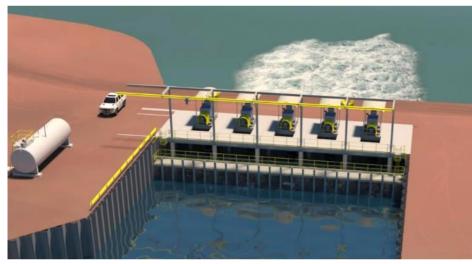
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Final Detailed Design Underway



Multiple industry experts involved – low residual construction risk at FID



1. MAIN SEAWATER PUMP STATION



2. SALT WASH PLANT



3. SOP PROCESS PLANT



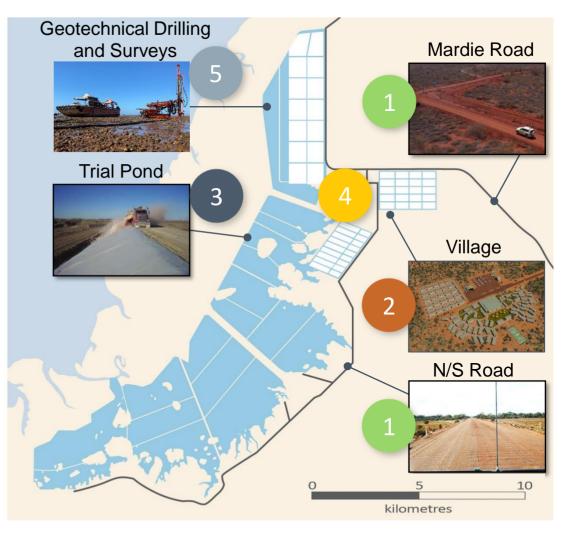
4. PORT / TRANSHIPPER

Early Construction Works Underway



Establish key infrastructure to accelerate Mardie development

- 1. Major roads
- 2. Accommodation village
- 3. Trial pond earthworks
- 4. Support infrastructure
 - Communications
 - Fuel storage
 - Water bores
 - Initial power
- 5. Geotechnical drilling and surveys



MARDIE EARLY CONSTRUCTION WORKS

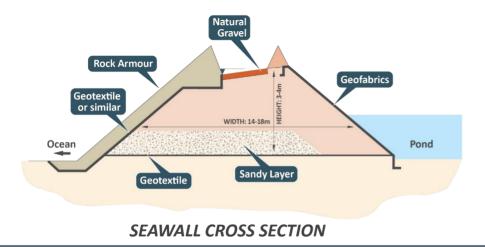
Large Scale Trial Pond

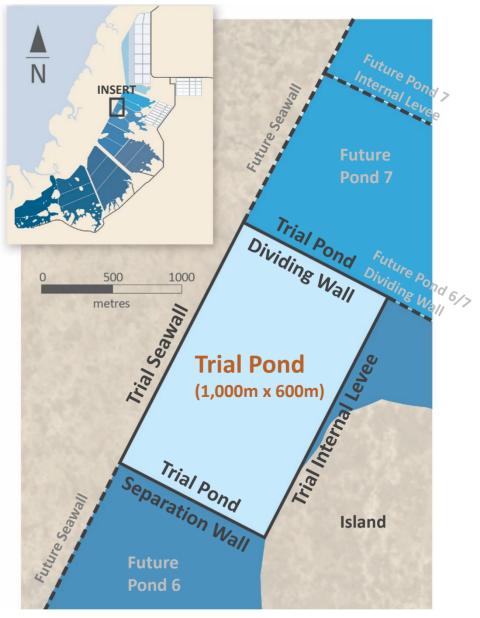


Test wall designs and construction

Trial Pond (March 2021 to June 2021) to test constructability of evaporation pond wall types:

- 1. Trafficable outer seawall
- 2. Non-trafficable pond separation wall
- 3. Non-trafficable pond dividing wall
- 4. Levee embankment





LARGE SCALE TRIAL POND

Salt and SOP Pilot Plants





1. SALT PILOT PLANT (UNDER CONSTRUCTION)



3. SOP PILOT PLANT (AS PLANNED)



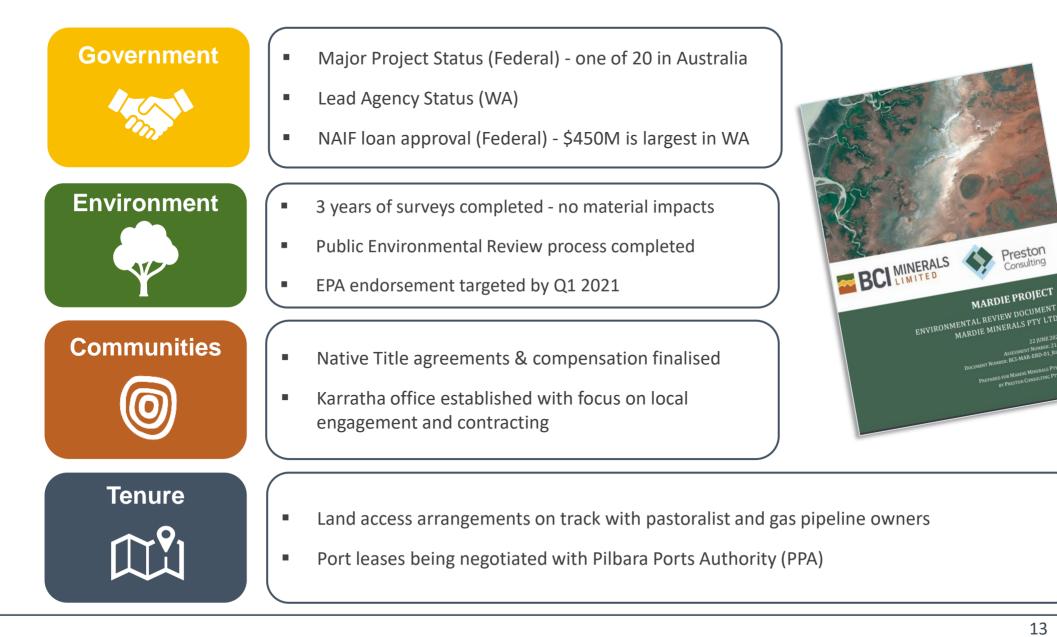
2. MARDIE SALT PLANT (ARTIST'S IMPRESSION)



4. MARDIE SOP PLANT (ARTIST'S IMPRESSION)

Positive Stakeholder & Approval Progress

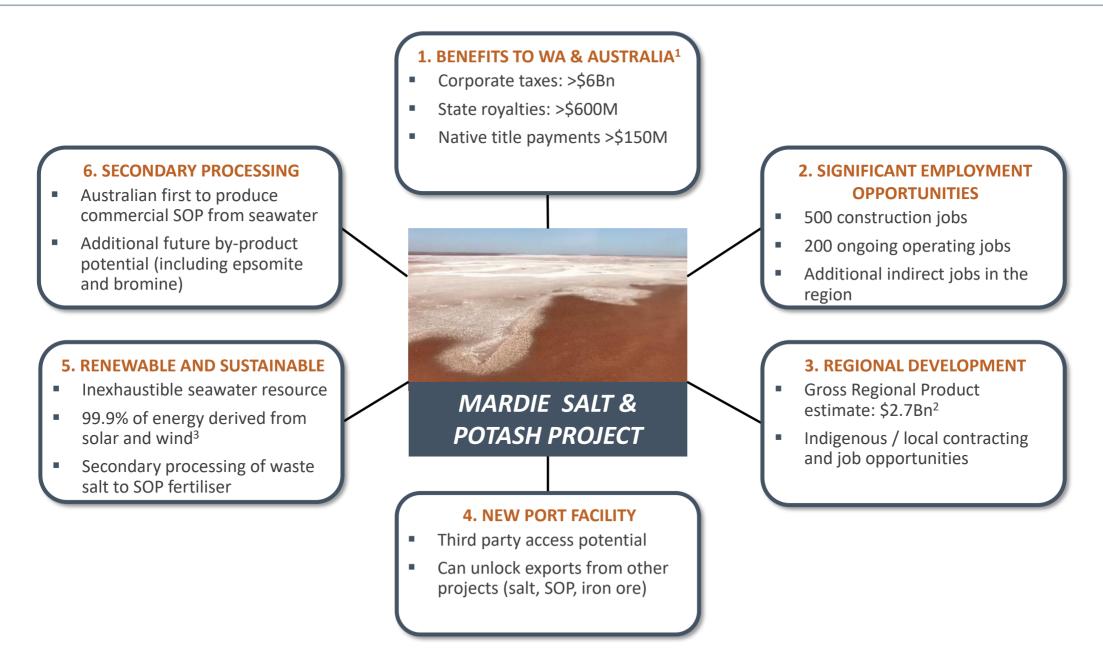
Native title in place; Approvals and tenure on track for 1H 2021



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Long Term Stakeholder and Public Benefits





Strong Customer Support



MOUs covering a significant proportion of initial sales

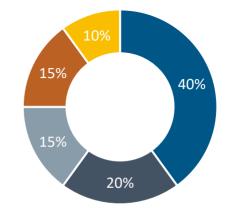
- 13 Salt non-binding MOUs signed throughout Asia covering >100% of first 3 years' salt production
- 2 SOP non-binding MOUs signed covering 65% of first 5 years' SOP production
- Aim to convert MOUs to binding offtake agreements during 2021/22
- Positive salt sample test results equivalent to other WA salt producers

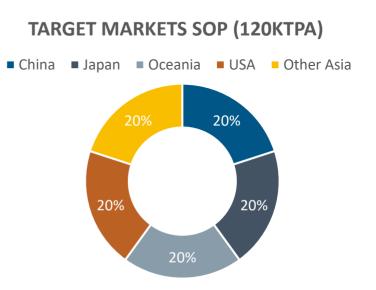


SALT SAMPLES FOR CUSTOMER TESTWORK

TARGET MARKETS SALT (4.4MTPA)

■ China ■ Japan ■ South Korea ■ Taiwan ■ Other

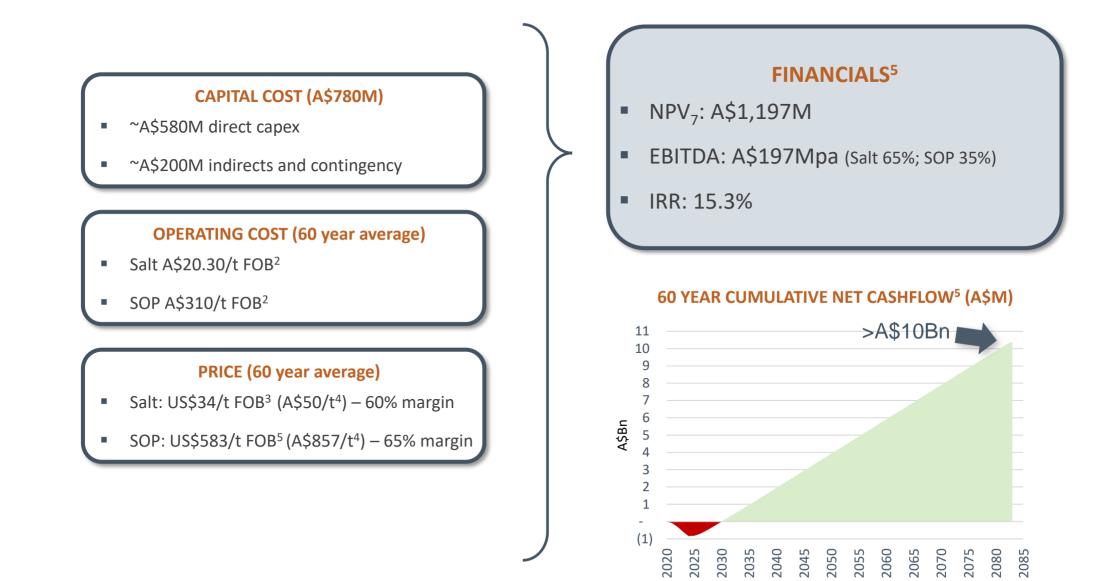




Attractive Financials



Strong financial metrics over a 60 year life¹

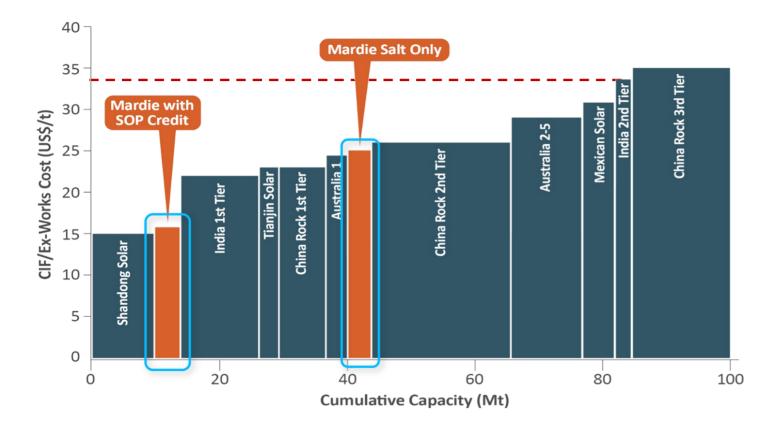


¹With upside based on an inexhaustible seawater resource ²All-in sustaining opex ³Roskill (July 2020) long term price forecast less Braemar (June 2020) long term freight forecast for Mardie shipments to target customers ⁴FX: 0.68 ⁵Pre-tax, ungeared, real

Salt Cost Curve¹ – Contestable Market²



Mardie will be a low cost supplier of salt into Asia

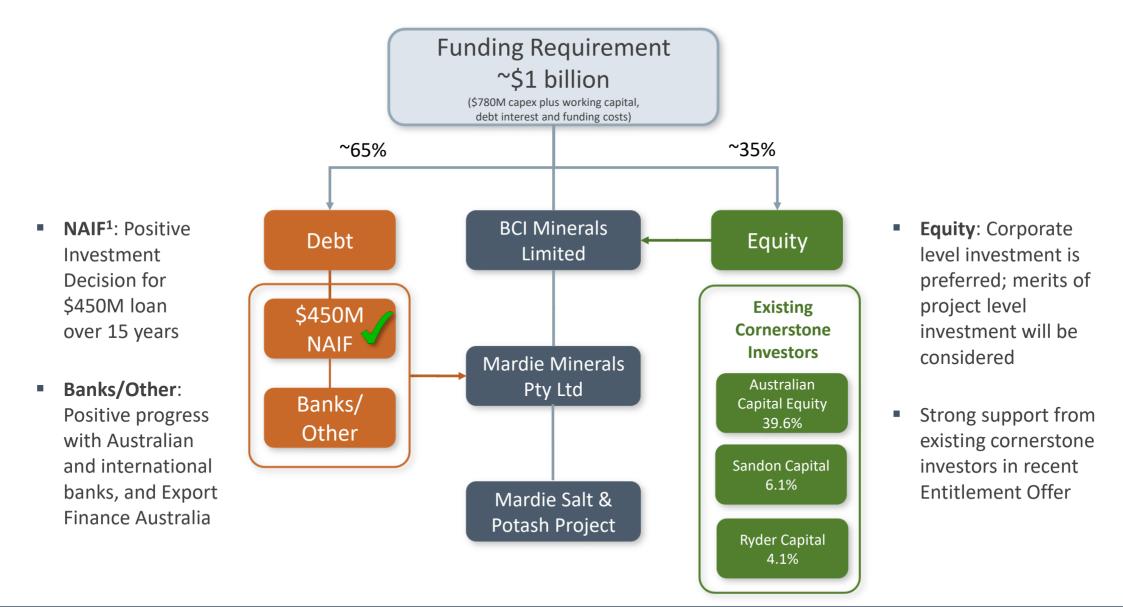


- Mardie will be cost competitive with all Australian salt operations – only salt project able to ship with large vessels
- When SOP margin treated as a by-product credit, Mardie becomes one of the lowest cost salt producers
- Mexican solar salt and Chinese rock salt the marginal cost suppliers to most Asian markets (~US\$33/t)

Funding Strategy Advanced



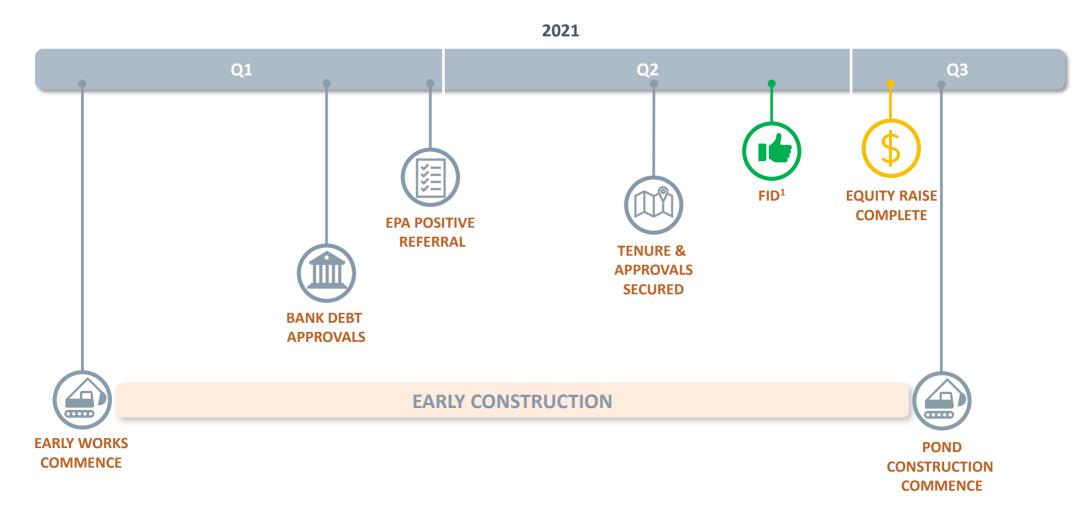
NAIF loan approved; positive engagement from banks



Next 6-months

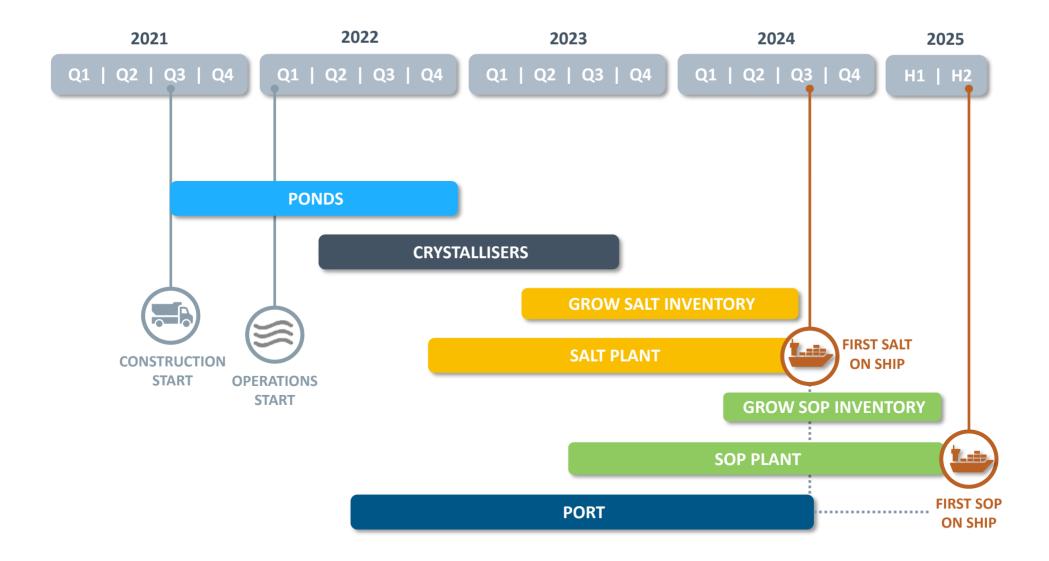


Early construction; approvals and funding



Long Term Project Schedule

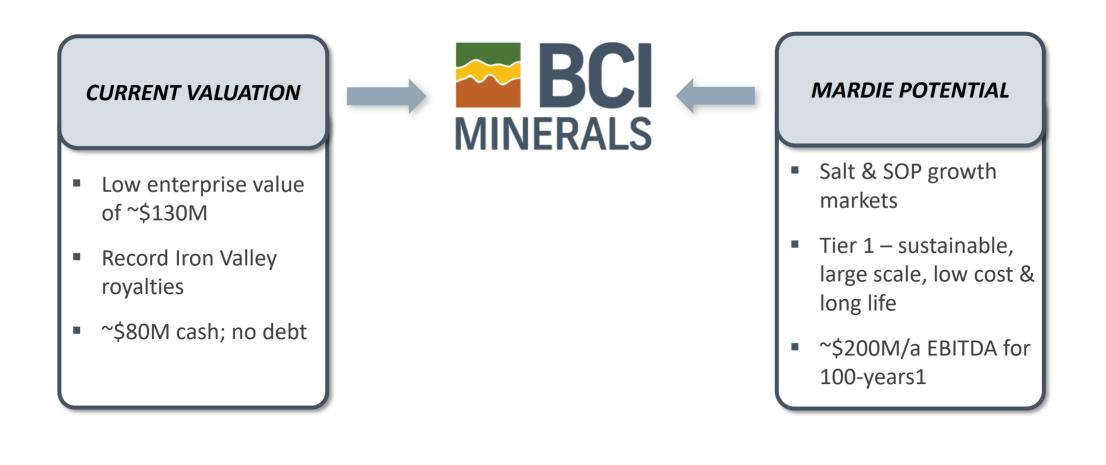




Why Invest in BCI?



Strong Iron Valley earnings and significant Mardie upside potential





Appendix

Iron Valley Mine



Strong royalty payments to BCI

- Quarterly royalty earnings from operating agreement with Mineral Resources Ltd
- ~7Mtpa production¹; 82Mt Reserves²
- Potential mine life of ~10 years
- 50% lump ore; 59% Fe average
- Since first production in 2014:
 - BCI received revenue: \$290M
 - BCI received EBITDA: \$75M
- FY20 EBITDA: \$23M (a full year record)
- H1 FY21: EBITDA \$17M, incl quarterly record of \$10M in Q4 20



Mardie – Site Activity





1. EXPANSION OF EXISTING CAMP FROM 36 TO 80 BEDS



2. ONGOING EVAPORATION TRIALS



3. GEOTECHNICAL TEST PIT FOR FEED



4. RAW SALT HARVESTING FOR SALT PILOT PLANT

Board



Brian O'Donnell NON-EXECUTIVE CHAIRMAN



- Banking and investment background
- Director, Finance and Investments -Australian Capital Equity (ACE)
- Numerous current and previous board positions on ASX-listed and private companies

Alwyn Vorster MANAGING DIRECTOR



- Geology, Mining and MBA degrees
- ➢ Kumba; Rio Tinto; Iron Ore Holdings
- Geology; Mining; Marketing, Business Development and various CEO roles

Jennifer Bloom NON-EXECUTIVE DIRECTOR



- Governance, approvals and business background
- Senior positions in both the private and public sector
- Chair BCI Rem & Nom Cmte

Garret Dixon NON-EXECUTIVE DIRECTOR



- Civil engineering background
- Senior contracting roles (HWE; Mitchell Corp; Watpac - NED)
- Executive Vice Pres Alcoa Corp
- Chair of BCI Project Review Cmte

Michael Blakiston NON-EXECUTIVE DIRECTOR



- Legal and mining business background
- Partner in Gilbert + Tobin's Energy + Resources group
- Chair BCI Audit & Risk Cmte and Chair BCI Equity Cmte

Richard Court NON-EXECUTIVE DIRECTOR



- Commercial & Political background
- Former Ambassador to Japan; Premier and Treasurer of Western Australia
- Former Chair of GRD Minproc, Chair of Iron Ore Holdings, Chair of National Hire

Executive Team / Key Personnel



Alwyn Vorster MANAGING DIRECTOR



- Geology, Mining and MBA degrees
- Kumba; Rio Tinto; Iron Ore Holdings
- Geology; Mining; Marketing & Sales; Feasibilities; Corporate Development

Sam Bennett PROJECT DIRECTOR



- Civil engineering degree
- Fortescue; Roy Hill
- Construction

Tony Chamberlain CHIEF OPERATING OFFICER



- Chemistry/Metallurgy degrees (PhD)
- ➢ WMC; BHP; Vimy
- Feasibility studies; Construction; Operations

Simon Hodge CHIEF FINANCIAL OFFICER



- ➢ Finance degree
- > JP Morgan: Povnton: Quickflix
- Corporate finance; Investment banking

Michael Klvac HEAD OF APPROVALS



- Science and Economics degrees
- Rio Tinto; BHP; Iron Ore Holdings
- Environment; heritage; tenure and access approvals

Stephanie Majteles GENERAL COUNSEL



- Freehills; Rio Tinto
- > Tenure; Approvals; Corporate

Colyn Louw HEAD OF PEOPLE AND SAFETY



- Commerce and MBA degrees
- > BHP; Roy Hill; Gold Fields
- People, health & safety through studies, construction and operations

Angela Glover HEAD OF COMMUNITIES

> Based



- Based in Karratha
- Chemistry/Metallurgy degree
- BBI Group, Atlas, Alcan Gove
- Heritage; approvals, License to Operate; government relations

MARDIE MARKETING TEAM:

Matthew Gurr

Previously Rio Tinto Korea Manager

Takashi Kawada

Previously Dampier Salt GM Marketing

Kevin Yu

Previously Cliffs China Country Manager

BCI MINERALS

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