

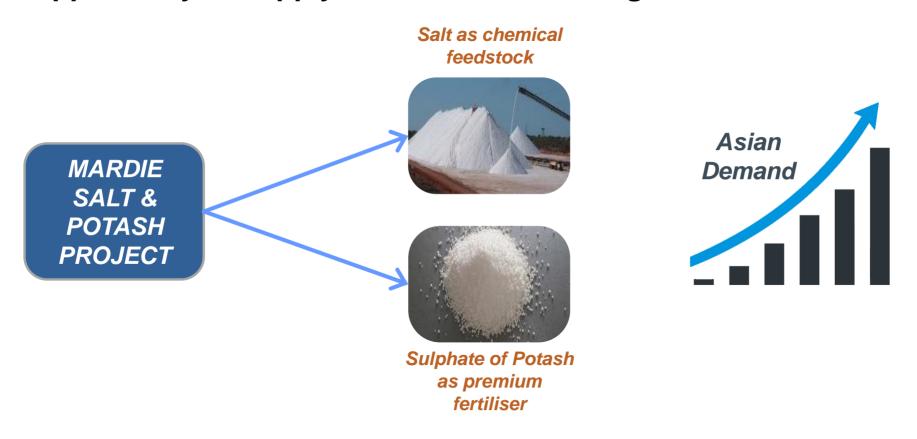
Driving the Mardie Project Rapidly Towards Development

Corporate Presentation

BCI's Investment Opportunity



Mardie is a Tier 1 long life project that presents an exciting opportunity to supply the Salt and Potash growth markets in Asia



BCI believes rapidly developing Mardie will create substantial value for all stakeholders



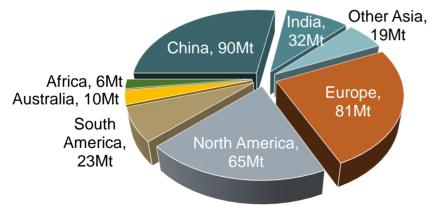
The Salt Market

What is Salt?

BCI MINERALS

- Salt (NaCl) is 40% sodium (Na) and 60% chlorine (Cl)
- Essential for many aspects of modern living
- >300Mtpa of Salt produced and consumed globally

Global Salt Production



Source: Roskill 2017 Salt Market Report.

- Salt is extracted via two main methods:
 - 1. Solar evaporation of seawater or inland lakes
 - 2. Mining of rock salt deposits via hard rock or solution mining methods

Solar Evaporation



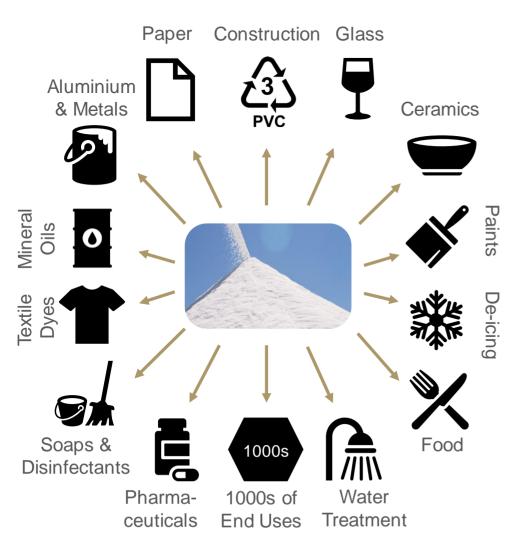
Hard Rock Mining



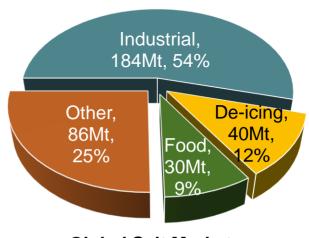
Salt Uses



Salt is an essential feedstock for thousands of products



- Industrial/chemical/pharmaceutical: including glass, PVC, paper, textiles, medicines, oils etc.
- Water treatment: increases purity and removes elements harmful to equipment
- Food & Feed: preserves & flavours human food; essential element of animal nutrition
- **De-icing**: improves road transport safety in winter



Global Salt Market

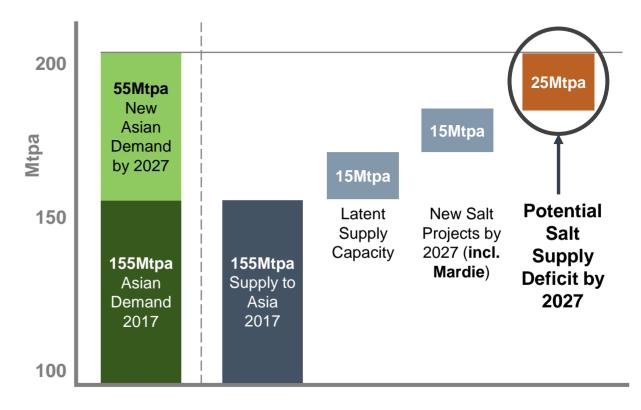
Source: Roskill 2017 Salt Market Report.

Positive Asian Salt Market Dynamics



Supply deficit of ~25Mtpa forecast in next decade (~6 Mardie sized projects)

SALT DEMAND DRIVERS Increasing Asian middle class Increasing demand for consumer & industrial products



Source: Roskill 2017 Salt Market Report, BCI analysis.

- Price range of US\$33/t to US\$70/t (CIF) over last decade
- Current Asian salt market value: US\$6 billion per year
- 2027 Asian salt market value: US\$8 billion per year



The Potash Market

What is Sulphate of Potash (SOP)?

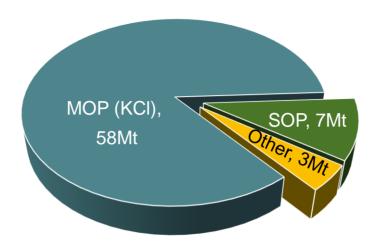


 Global agricultural industry depends on three primary fertilisers – Nitrogen (N) Phosphate (P), and Potassium (K)



- Potassium improves crop yield & quality, and increases resistance to diseases
- Two main types of potassium fertilisers:
 - Muriate of Potash (MOP) KCl
 - Sulphate of Potash (SOP) –
 K₂SO₄

Global Potash Market (Product Tonnes)



Source: Integer Research 2017, BCI analysis.



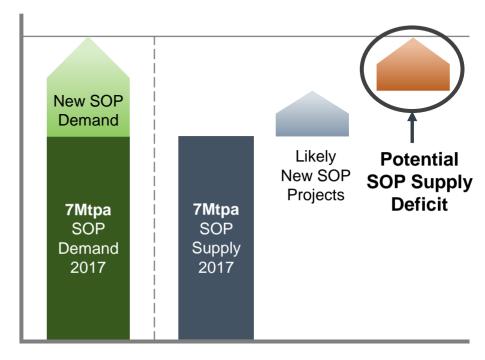
- SOP is a premium fertiliser used on higher value crops (fruits, berries, vegetables)
- SOP (US\$500-600/t) has large price premium over MOP (US\$200-300/t)

Positive SOP Market Dynamics



More food needed from less land...... increases need for premium quality fertilisers

SOP DEMAND DRIVERS Increasing Asian middle class Needing more and better quality food Reducing arable land Crop yield increase required



Source: BCI analysis.

SOP SUPPLY DRIVERS



No existing Australian production



Australian SOP projects far inland

- Price range of US\$450/t to US\$1,000/t over last decade
- Current SOP market value: US\$4 billion per year
- Future SOP market value: **US\$5 billion per year**



Mardie Salt & Potash Project

Australian Salt & SOP Landscape



- Five large existing evaporative Salt operations in the Pilbara region of WA
 - Total production capacity of 14Mtpa
 - Up to 5 decades old
- No existing SOP production in Australia with all planned projects based on inland salt lake brines
- Mardie Project 100% owned by BCI is located on the coast in the centre of the salt production region
- Mardie will produce and sell Salt as primary product and SOP (+ potentially other) as by-product from an inexhaustible seawater resource



Mardie - Ideal Location

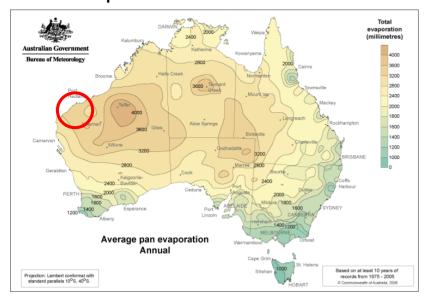


Large landholding in hottest part of Australia

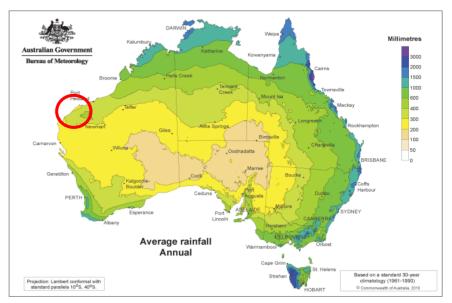
- Vast area of impermeable clay soils
- Suitable marine area for export jetty
- High temperature and high winds (= high evaporation)
- Low average rainfall



Annual Evaporation



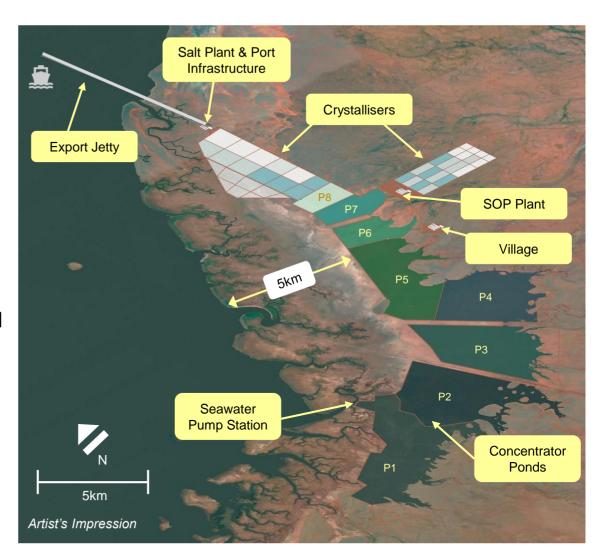
Annual Rainfall



Mardie Project Layout



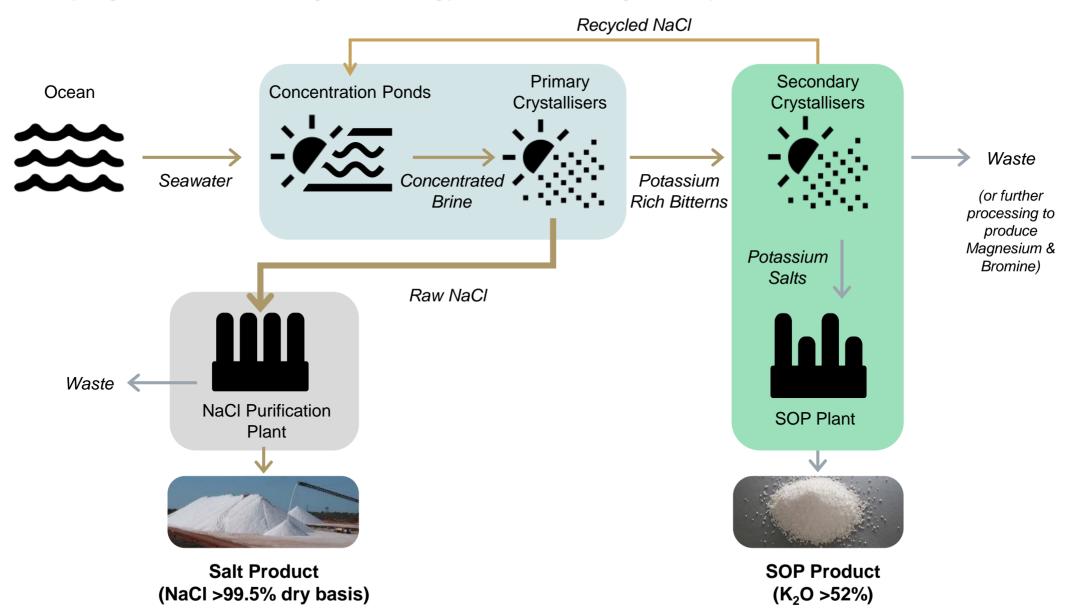
- Mardie Project footprint designed 3-5km inland to limit disturbance of coastal ecosystem
- 6 pumps on floating pontoons with 10,000l/s capacity
- 8 large ponds and 36 crystallisers over a 20km x 5km area
- Salt Plant and SOP Plant optimally located
- 7km salt export jetty to reach 5m water depth
- 10,000t salt transhipping vessel to load large vessels anchored 25km offshore



Simplified Process Flow



Applying latest processing technology to produce high purity products



Attractive Pre-Feasibility Economics¹



Production

- 3.5Mtpa high-purity industrial salt (NaCl)
- 75ktpa sulphate of potash (SOP)

Capex

A\$335M, comprising A\$248M for salt and A\$87M for SOP

Opex

- Salt: A\$20/t FOB (all-in cash cost basis)
- SOP: A\$250/t FOB (all-in cash cost basis)

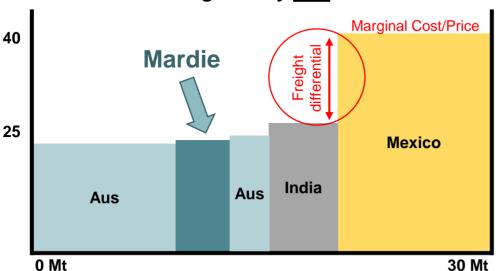
Financials²

- Pre-tax NPV₁₀ of A\$335M
- Annual EBITDA: A\$102M pa
- 1. Refer to BCI ASX release dated 1 June 2018. All material assumptions and technical parameters underpinning the production target and forecast financial information derived from the production target continue to apply and have not materially changed.
- 2. PFS based on a 30-year operating life, with salt price of US\$30/t FOB, SOP price of US\$500/t FOB and AUD exchange rate of 0.75.

Mardie's Competitive Positioning

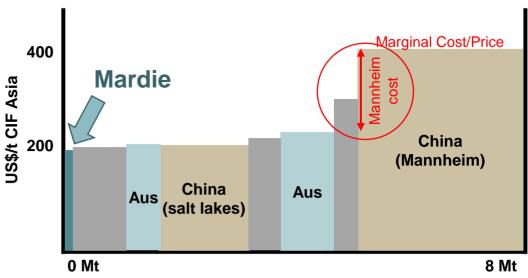


Seaborne High Purity Salt Cost Curve



US\$/t CIF Asia

Simplified **SOP** Cost Curve



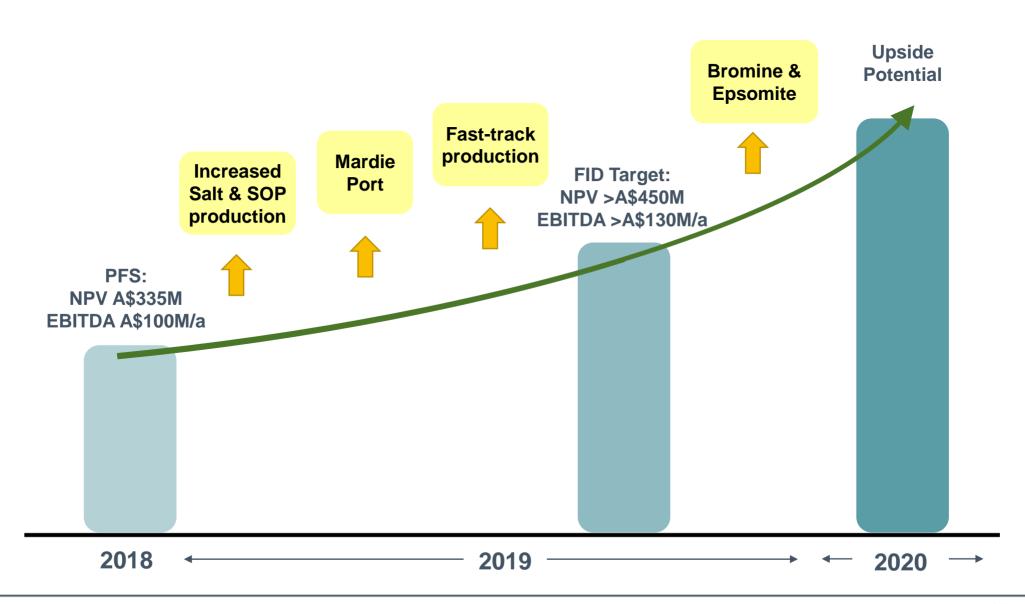
- Australian freight advantage compared to Mexico (displace some Mexican supply)
- Mardie to blend latest technologies with proven production processes
- Mardie will be cost competitive with existing Australian operations

- Large volume of high-cost Mannheim production underpins SOP pricing
- Mardie SOP as by-product, with large proportion of capex & opex "sunk" against salt production
- Mardie is 10x closer to port than inland brine SOP projects, minimising transport costs

Project Improvement Initiatives



During 2019, fast track development of an improved business case



Early Works in 2019



Construct critical path elements in 2019 to accelerate development

- Construct important support infrastructure
 - Access roads; village; power & utilities
- Construct and operate a large trial pond
 - Validate wall construction methodology
 - Confirm mudflat permeability
 - Install water pumps and equipment
 - Utilise full Pond 1 wall alignment to minimise cost duplication
- Early works will de-risk project and reduce time to first salt sales by 12 months



Approvals & Tenure Well Defined



Environmental



- Environmental Scoping Document recently endorsed by EPA Board formalises approvals process and timeline
- Significant studies completed and no material issues identified to date
- Environmental approvals on track for late 2019

Heritage



Existing land access deeds with Native Title claim groups

Tenure



- Convert vast Exploration Licences to Mining Leases or State Agreement tenure
- Secure lease for an export facility at Mardie

Stakeholder Benefits

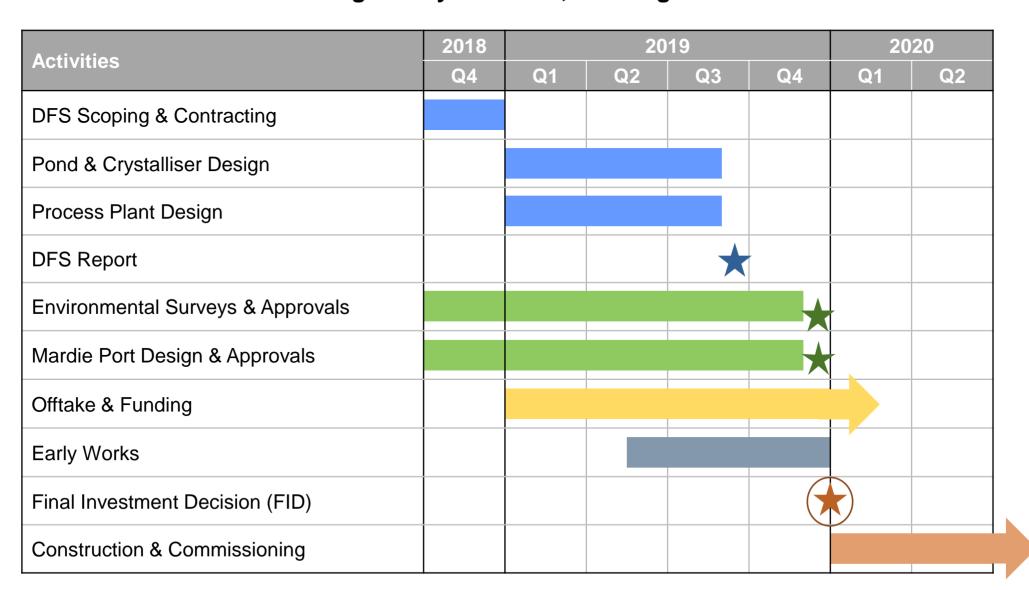


- ~\$1.5b corporate tax, ~\$250M State royalties, ~\$50M Native Title payments
- ~200 peak workforce and ~100 sustained workforce significant regional and indigenous employment opportunities

Mardie Timeline

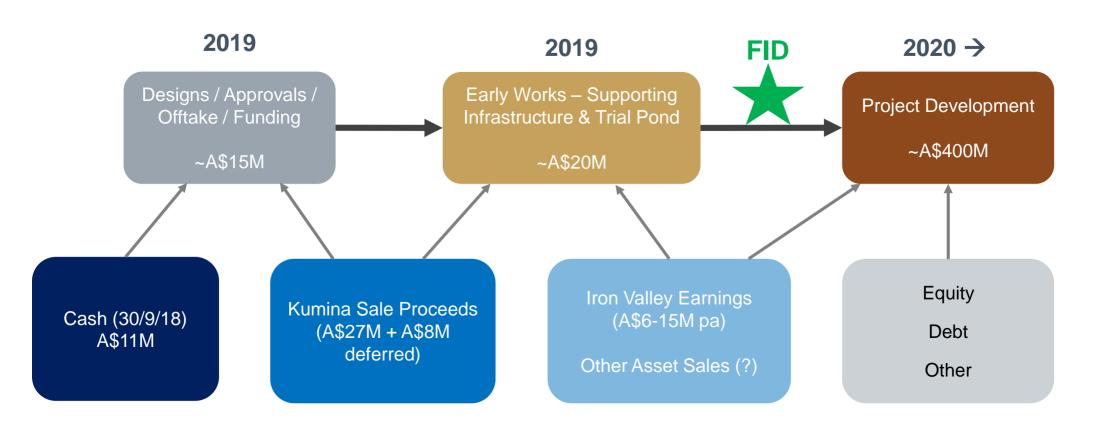


Final investment decision targeted by end-2019, allowing first salt sales in 2023



BCI is well funded to FID in late 2019





Mardie – Unique Project Opportunity



1. Strong market outlook for salt & SOP



2. Tier 1 project – location, life, scale & costs



3. BCI well funded and supported to accelerate Mardie's development during 2019



Mardie offers significant value potential over many decades

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Appendix

Corporate Information



Capital Structure

Ordinary Shares	397.6M
Share Price (21-Nov-18)	\$0.135
Market Capitalisation	\$53.7M
Cash (30-Sep-18)	\$11.1M
Debt (30-Sep-18)	Nil

Shareholding and Trading

Wroxby Pty Ltd	27.6%
Top 20 Shareholders	~49%
Number of Shareholders	~7,100
Ave Daily Volume (Last 6 Months)	~500,000

Board and Management

(Non-Exec Director)

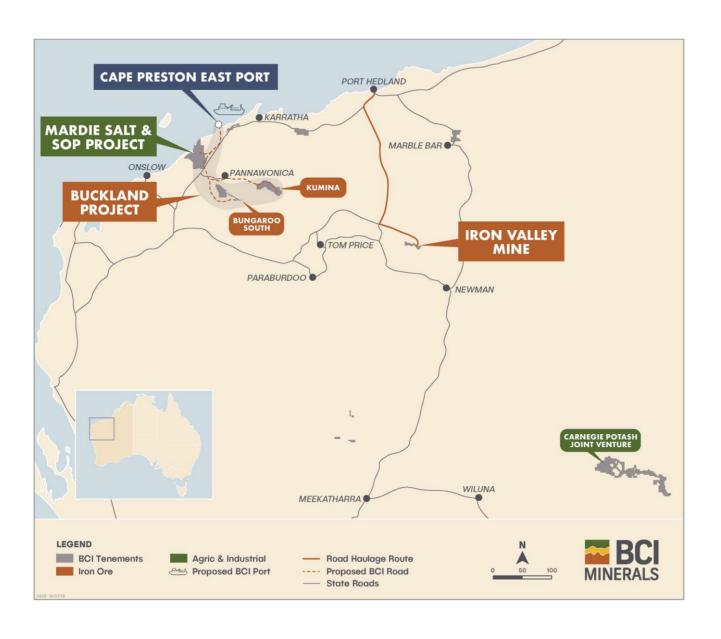
Brian O'Donnell	Alwyn Vorster
(Non-Exec Chairman)	(Managing Director)
Michael Blakiston	Simon Hodge
(Non-Exec Director)	(Chief Financial Officer)
Jennifer Bloom	Michael Klvac
(Non-Exec Director)	(GM Corporate Affairs)
Martin Bryant (Non-Exec Director)	
Andy Haslam	

Share Price and Volume



Project Locations





Iron Valley Mine – Royalty Earnings



- Quarterly earnings for BCI via royalty agreement with Mineral Resources Ltd (MIN)
 - Underlying BCI EBITDA of ~A\$8M in FY18 and ~A\$16M in FY17
- 6-8Mtpa iron ore operation; 50% lump production; potential mine life of ~15 years
- Average ore grade: Lump 60% Fe; Fines 58% Fe
- Upside for BCI from MIN's Bulk Ore Shuttle System (BOSS)¹
 - Lightweight, narrow gauge rail system with fully autonomous operation
 - Lower opex improves financial viability
 - Potential construction start in 1H CY19

1.

 Potential to double production rates to 15Mtpa (higher royalty payment to BCI)





