

# INTRODUCTION TO MINERAL RESOURCES



World's largest crushing contractor



Leading pit-to-port mining services provider



World's top 5 lithium miner with joint ownership of the largest hard rock lithium deposit

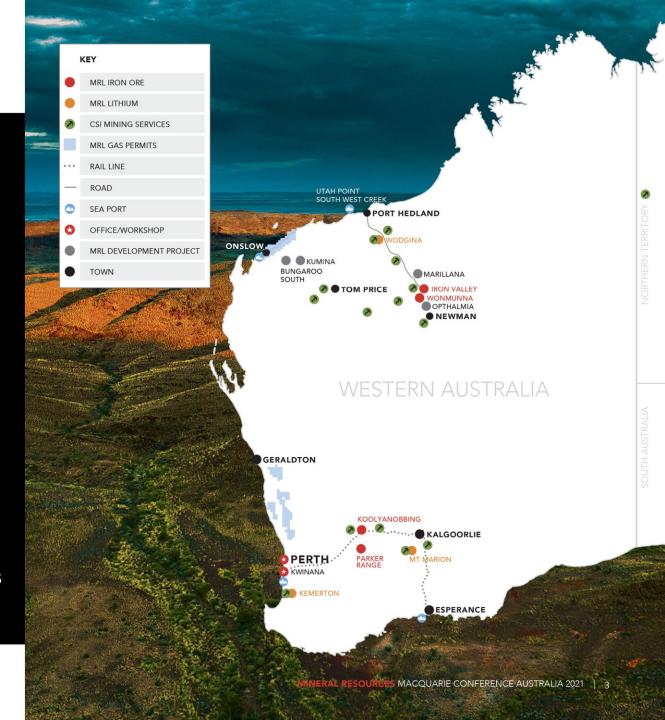


Australia's 5<sup>th</sup> largest iron ore producer



Major holder of highly prospective gas permits

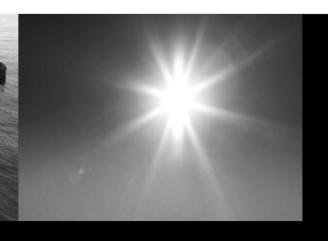




### **OUR BUSINESS 4 CORE PILLARS**







### MINING SERVICES

- Construction
- Mining
- Crushing
- Processing
- Infrastructure
- Logistics
- Accommodation

#### **COMMODITIES**

#### Iron Ore

- Yilgarn Hub
- Utah Point Hub
- Ashburton Hub
- South West Creek Hub

#### Lithium

- Mt Marion
- Wodgina
- Kemerton

#### INNOVATION

#### Proprietary

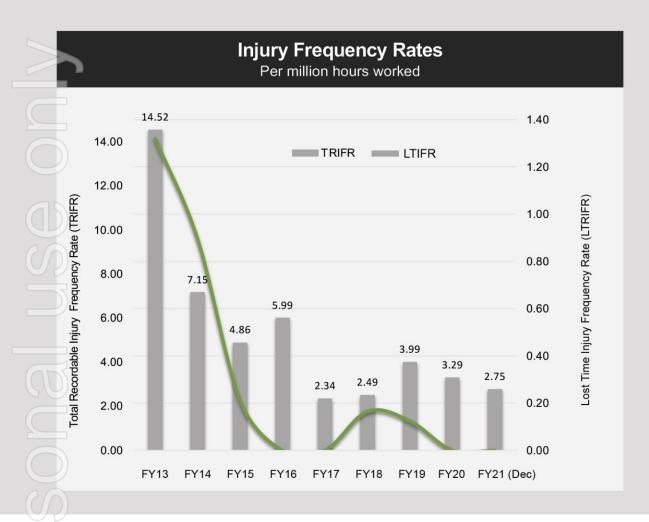
- Transhippers
- 300 tonne road trains
- Next Gen modular crushing plants
  - Next Gen I 5 to 8Mtpa
  - Next Gen 2 15Mtpa
- Carbon fibre screens

#### **ENERGY**

- Transitioning to lower cost greener energy sources
- Largest acreage holder in Perth Basin
- Carnarvon Basin JV
- Design, own and operate power stations
- Long term energy security



### SAFETY OF OUR PEOPLE



2.75 TRIFR1

0.00 LTI1

4,400+ Employees and Contractors<sup>2</sup>

**Apprentices** 

Trainees/Graduates



<sup>1.</sup> Total Recordable Injury Frequency Rate calculations measure the total number of injuries (excluding first aid) per million hours worked as at 31 March 2021. Lost Time Injury Frequency Rate calculation measures the number of lost time injuries per million hours work as at 31 December 2020.

### **OUR PEOPLE WELLBEING**

## OUR AIM IS TO SEND PEOPLE HOME BETTER THAN WHEN THEY CAME TO WORK

- Physically safe
- Mentally well
- Nutritionally healthy

#### **MENTAL HEALTH FOCUS**

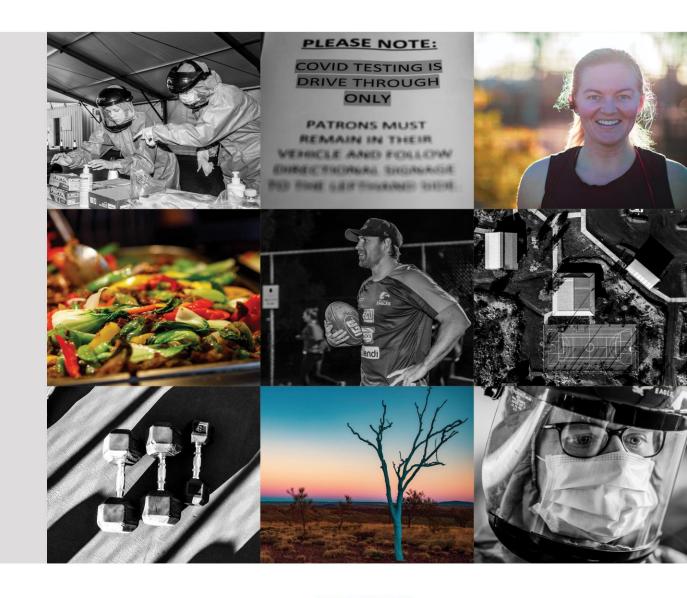
- Health and Wellbeing Advisors on site
- Full time Psychologist on staff

#### IMPROVING WORK ENVIRONMENTS THROUGH

- New head office Platinum v2 WELL rating
- Resort style accommodation to replace mining camps
- Best quality camp food, with highest catering budget in industry
- Facilities to occupy our people in a positive way gym, wellness centre

#### **INDUSTRY-LEADING COVID-19 RESPONSE**

- Gold-standard, world-class testing facilities
- 60 resource companies over 100,000 tests





### SUSTAINABILITY PERFORMANCE

- MRL is committed to Net Zero Emissions by 2050
- We are focused on eliminating diesel usage and are working on a range of alternative fuels to achieve
   Net Zero Emissions sooner than 2050
- We will develop a roadmap and provide updates in our 2021 Sustainability Report
  - We are working on a range of alternative fuel sources including:
  - Natural Gas
  - LNG
  - Solar and wind power

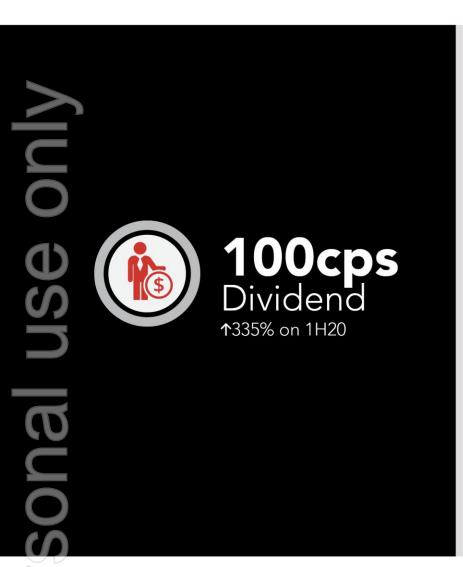
#### GREENHOUSE GAS (GHG) EMISSIONS<sup>1</sup>



OUR STRATEGY IS TO CONTROL OUR ENERGY INPUTS
AND TARGET NET ZERO EMISSIONS BY 2050



### 1H21 FINANCIAL PERFORMANCE SUMMARY





\$1.5bn Revenue ↑55% on 1H20



23.4% ROIC After Tax



\$516m Operating Cash Flow<sup>1</sup> **↑**\$303m on 1H20



\$763m EBITDA (underlying) ↑131% on 1H20



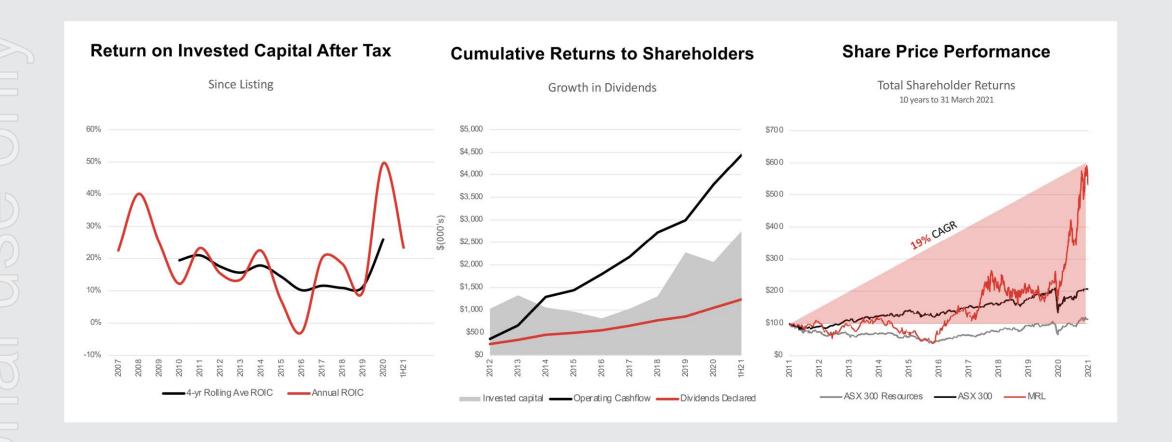
\$1.1bn Ċash **↓**\$193m on 1H20



**\$351m** Capex



### VALUE CREATION **OUTCOMES**





### GROWTH STRATEGY OVERVIEW **NEXT 5 YEARS**

MINING SERVICES

Significant growth – more than double

**IRON ORE** 

Increase from 20 to 90Mtpa

**MUIHTIA** 

Convert all spodumene to hydroxide

**ENERGY** 

Pursue natural gas exploration and development

INNOVATION

Monetise opportunities





### MINING SERVICES **NEXT 5 YEARS**



- Grow crushing contracts with external mining companies
- Build, own and and operate stranded iron ore projects
- Develop and own supply chain infrastructure
  - Ports
  - Transhipping
  - Private haul roads with 300 tonne trucks
  - Resort style camp accommodation
- Grow the Next Gen 2 business model internationally



### COMMODITIES IRON ORE **NEXT 5 YEARS**

#### **YILGARN HUB**

- Finalising 10 year mine plan
- Bring on Parker Range and Mt Richardson

#### **UTAH POINT HUB**

- Develop 10 year mine plan
- Iron Valley
- Ramp up Wonmunna
- Develop Lamb Creek and Wedge

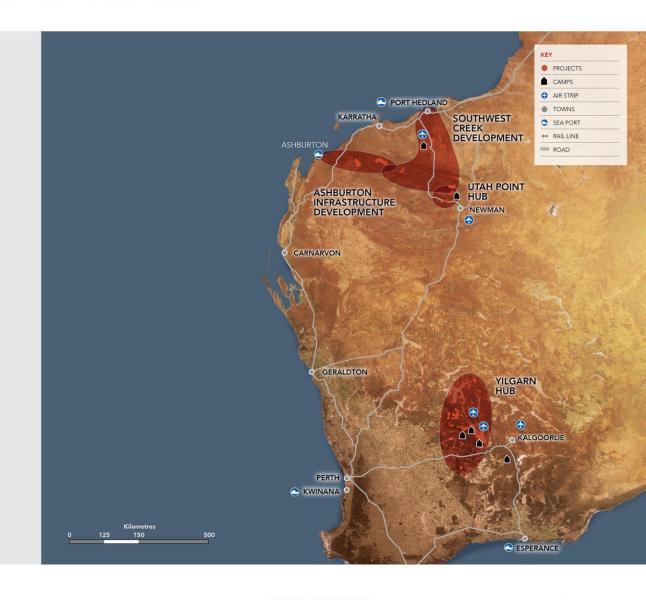
#### **ASHBURTON HUB**

- Construction ready August 2021 2 year build
- 30Mtpa

#### **SOUTH WEST CREEK**

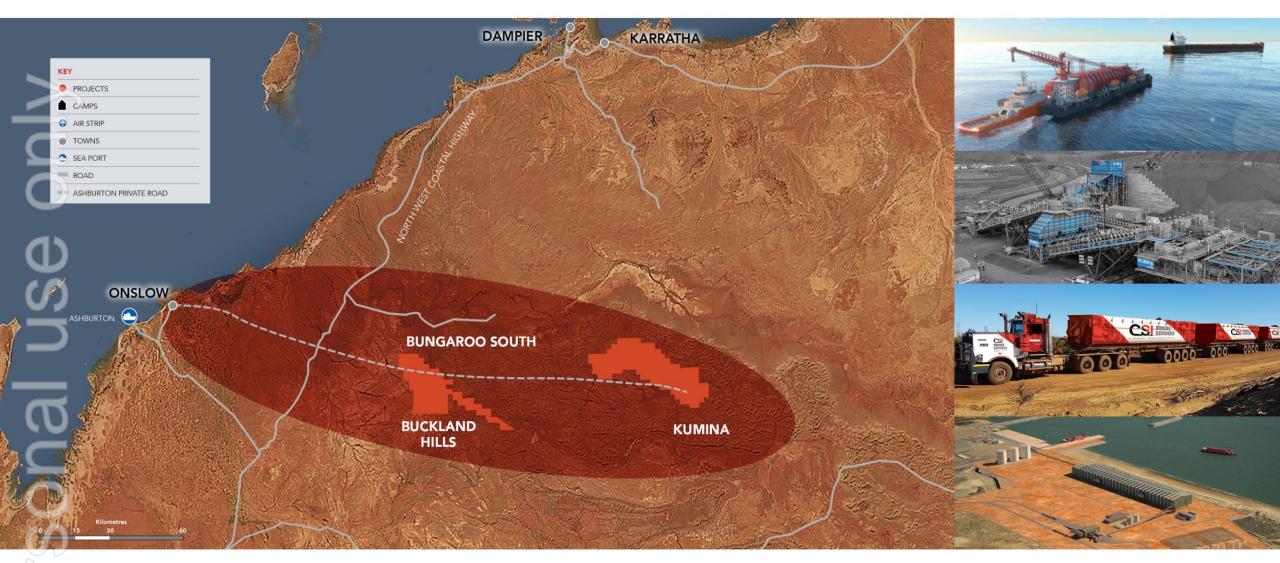
- Awaiting approvals Berths 3 and 4
- 50Mtpa
- Marillana and Opthalmia

   ready to develop



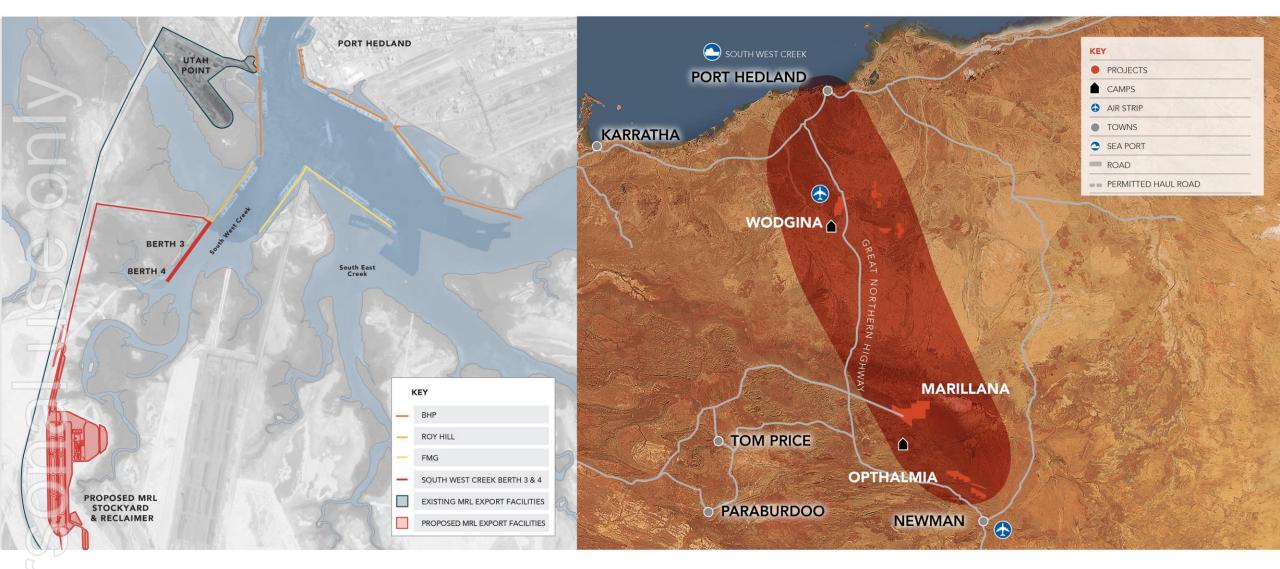


### ASHBURTON HUB



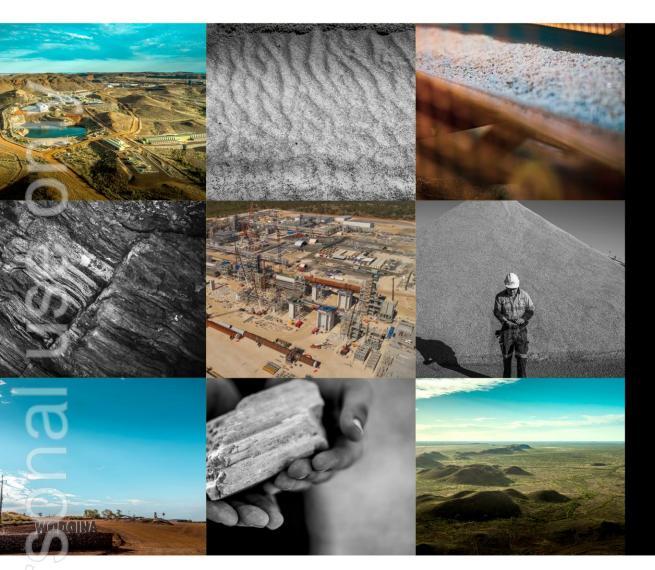


### SOUTH WEST CREEK HUB





### COMMODITIES LITHIUM **NEXT 3 YEARS**



- Consistent Mt Marion production
- Wodgina restarted
- Kemerton lithium hydroxide plant ramp up to full production 2022
- Convert all spodumene to lithium hydroxide



### **ENERGY NEXT 3 YEARS**

Find gas to provide energy security for MRL

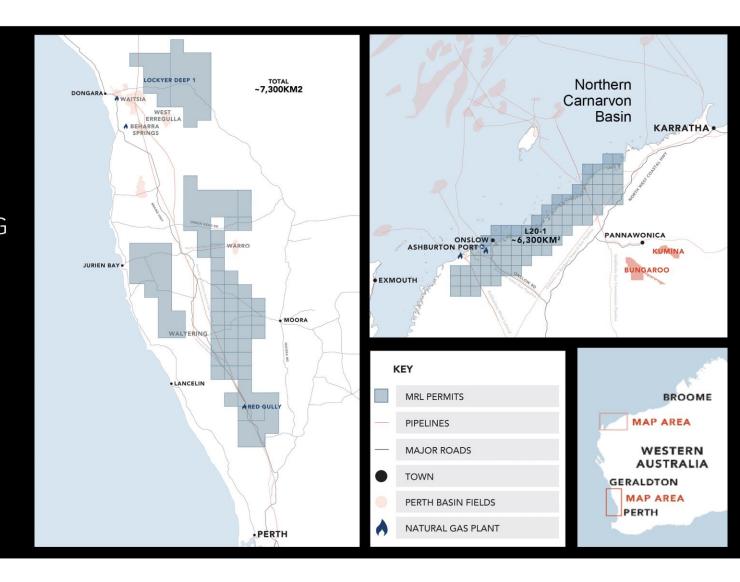
• Develop lower emissions natural gas and LNG

Largest Perth Basin acreage holder

Northern Carnarvon Basin JV

• One well in next 6 months

Two wells each year





### **INNOVATION**









### **WEXT GEN PLANT**

- MRL design and IP
- 5Mtpa Modules
- Rapid deployment
- Plug and play
  - Remote operations capability
- Displace higher cost fixed plants

#### **ROAD TRAINS**

- MRL design
- Operating in Yilgarn
- Capacity of 300t each
- Trailers manufactured in Perth
- Leading edge safety features
- Low operating cost
- Lower emissions
- Lower capital cost than rail
- Automation potential

#### **TRANSHIPPERS**

- MRL design
- Articulated tug and barge
- Fully enclosed and dust free
- Self-discharging
- Capacity 8Mtpa each
- Loading capesize vessels
- Lower capital cost port solution

#### **CARBON FIBRE SCREENS**

- MRL design and IP
- Reduced weight
- Zero corrosion
- Reduced cost
- Quick to market
- Longer life



### **KEY TAKE-AWAYS**





MRL'S CONSISTENTLY **STRONG** PERFORMANCE HAS DELIVERED A SOLID TRACK RECORD OF SHAREHOLDER RETURNS.



#### **GLOSSARY**

**1H, 2H, FY** First half,

First half, second half, full year

Australian dollar

US\$ United States dollar

**CAGR** Compound annual growth rate

**CFR** Cost and freight rate

**CFR cost** Operating costs of mining, processing, rail/road

haulage, port, freight and royalties, including

mining infrastructure service agreements with MRL

Group entities, direct administration costs, and

apportionment of corporate and centralised overheads

mt Dry metric tonnes

**EBIT** Earnings before interest and tax

**EBITDA** Earnings before interest, tax, depreciation and

amortisation

**EPS** Earnings per share

**Gross debt** Total borrowings and finance lease liabilities

**Gross gearing** Gross debt / (gross debt + equity)

K Thousand

M Million

**Net debt / (cash)** Gross debt less cash and cash equivalents

**NPAT** Net profit after tax

**PBT** Profit before tax

pcp Prior corresponding period

ROIC Return on invested capital

T or t Wet metric tonnes unless otherwise stated

TMM Total Material Mined

TRIFR Total Recordable Injury Frequency Rate per million hours

worked

TSR Total Shareholder Return being CAGR in gain from change

in share price plus dividends paid

Underlying EBIT / EBITDA adjusted for impact of one-off,

/ EBITDA non-cash gains or losses,

adjusted for impact of one-off, non-cash gains or losses,

and profit on the Wodgina sale

**Underlying NPAT** NPAT adjusted for after tax impact of one-off, non-cash

gains or losses

wmt Wet metric tonnes



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