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MINERAL  
RESOURCES

# FY22 HALF YEAR RESULTS

9 FEBRUARY 2022

ASX:MIN



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# 1H22 HIGHLIGHTS

- Remained COVID free
- TRIFR 2.25
- ROIC 23.9%
- Revenue \$1.4bn, down 12% pcp
- Underlying EBITDA \$156M, down 80% pcp
- Cash \$0.8bn



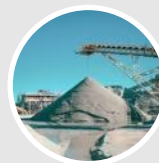
## Mining Services

- 4 new contracts
- 3 renewals
- On track for FY22 guidance of 15-20% growth



## Iron Ore

- Ashburton Hub – signed HoA to develop Red Hill Iron Ore JV
- Port and rail sharing agreement with Hancock/Roy Hill
- Allocated Stanley Point Port Hedland berth 3 by WA Government



## Lithium

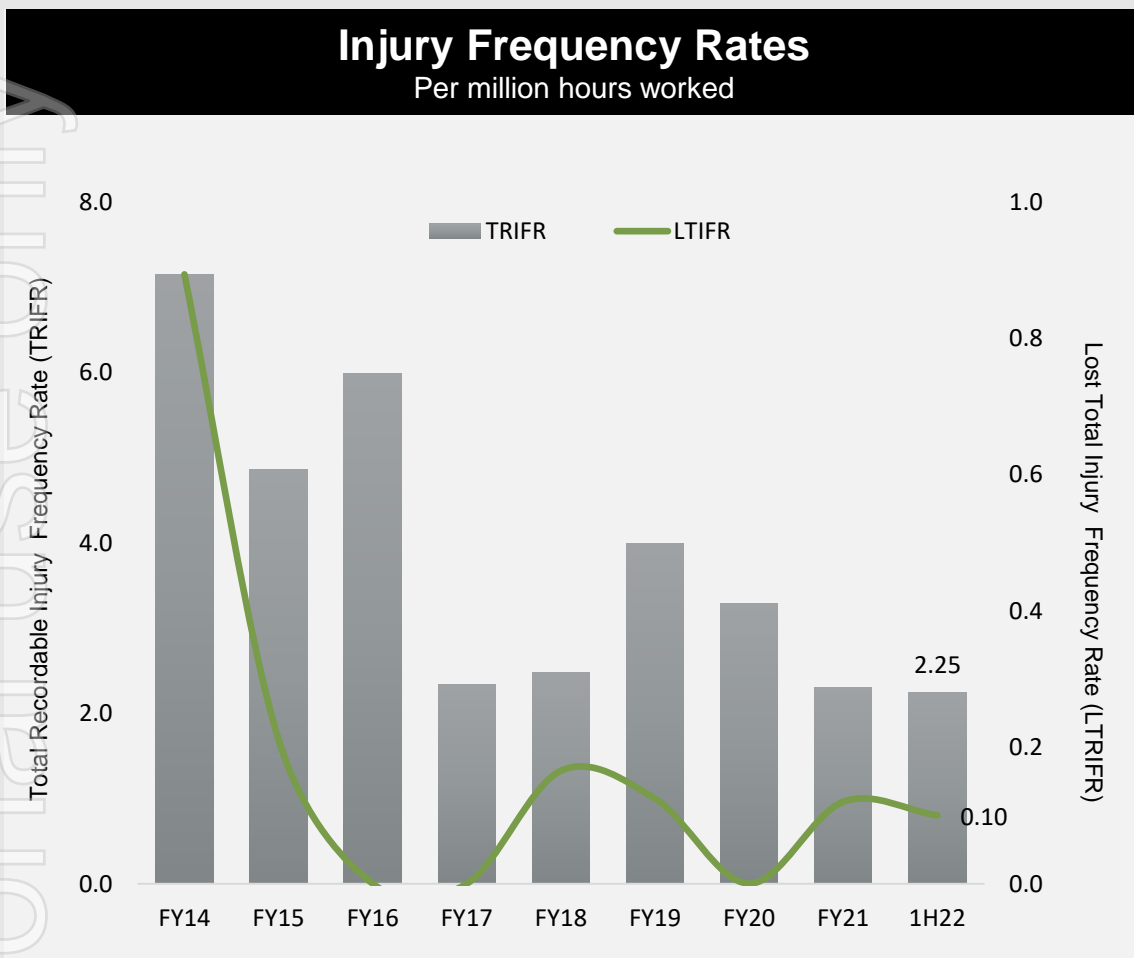
- Non binding agreement with Albemarle (ALB)
- MRL to take possession of its 51% share of Mt Marion offtake
- Wodgina restart approved
- Kemerton Train 1 nearing completion



## Gas

- Significant Perth Basin gas discovery

# 1H22 SAFETY AND PEOPLE



**2.25**

TRIFR<sup>1</sup>



**0.10**

LTI<sup>1</sup>



**4,800+**

Employees and contractors<sup>2</sup>



**82**

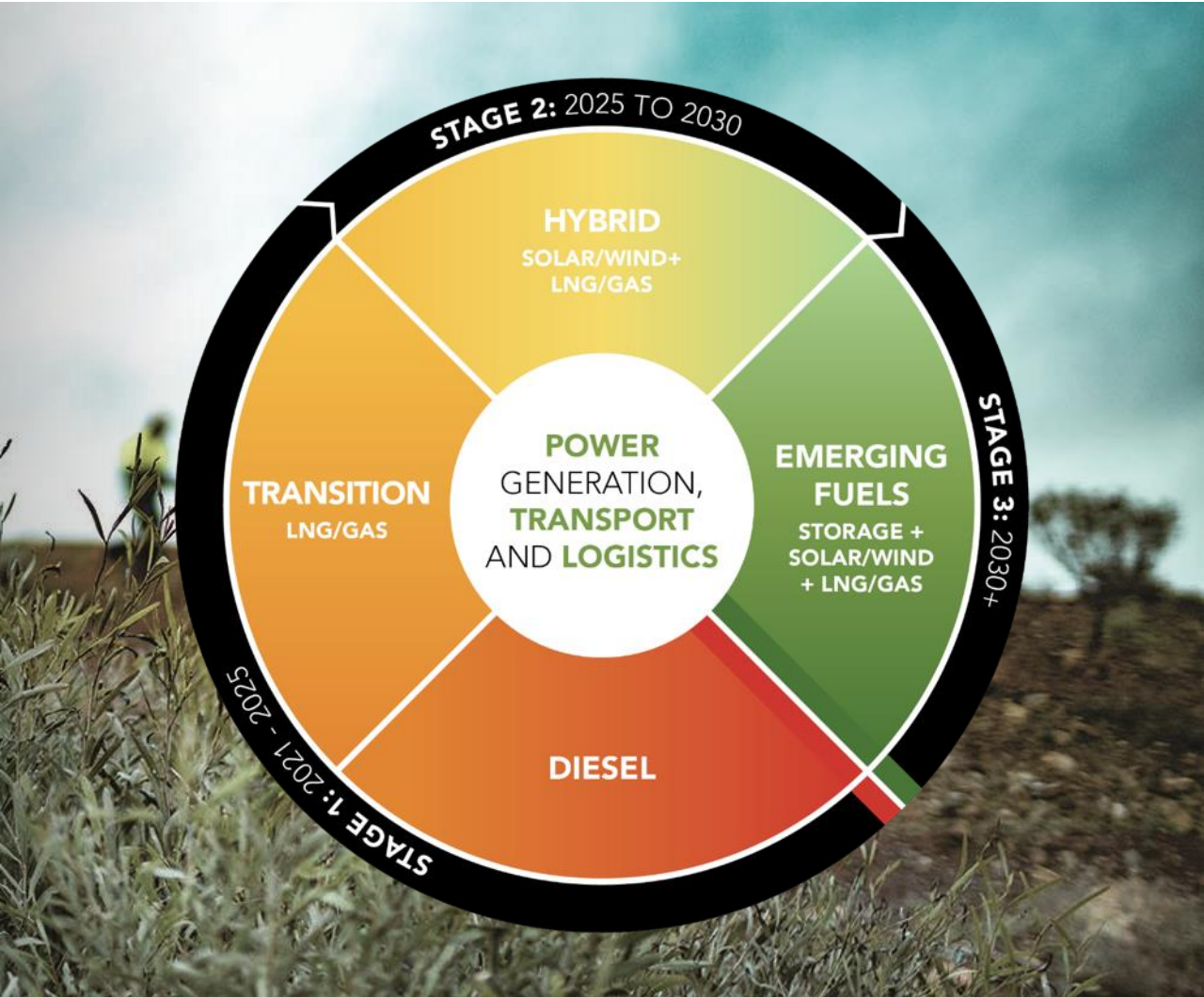
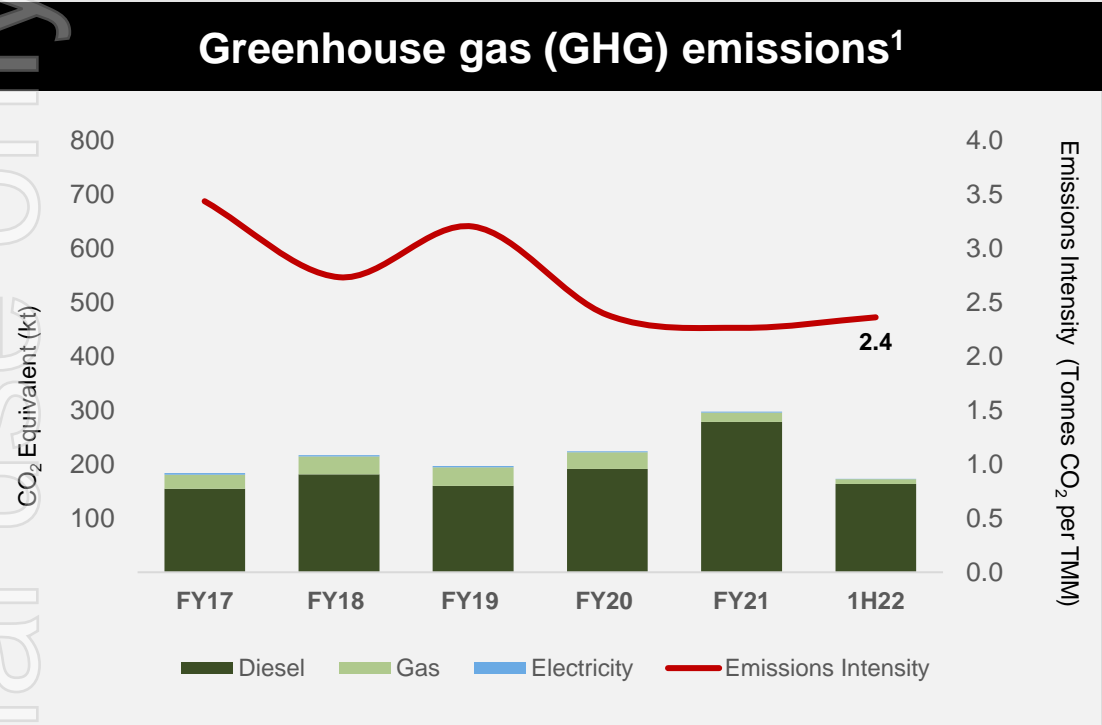
Apprentices<sup>3</sup>



**72**

Trainees/  
Graduates<sup>3</sup>

# 1H22 SUSTAINABILITY PERFORMANCE



**Net zero emissions by 2050** in line with the Paris agreement

1. Greenhouse gas emissions intensity defined as tonnes CO<sub>2</sub> equivalent per thousand tonne total material mined.

# 1H22 PERFORMANCE



## MINING SERVICES

- Production volume 146Mt, up 18% pcp
- \$281M EBITDA up 20% pcp
- Strong predictable result
- 4 new contracts
- 3 renewals
- 100% contract retention rate on renewal



## IRON ORE

- Largest and sharpest price decline in history
- Significant provisional pricing adjustments
- **Yilgarn Hub:**
  - TMM 31.8Mt, 5.2Mt produced, 4.4Mt shipped
  - Cost A\$104.2/t CFR
- **Utah Point Hub:**
  - TMM 26.3Mt, 5.4Mt produced, 5.4Mt shipped
  - Cost A\$96.3/t CFR



## LITHIUM

- **Mt Marion<sup>1</sup>:**
  - TMM 15.3Mt, 198k dmt produced, 207k dmt shipped
  - Cost A\$732.4/dmt CFR
- **Wodgina:**
  - Restart underway
- **Kemerton:**
  - Train 1 mechanical completion in November



# FINANCIAL PERFORMANCE

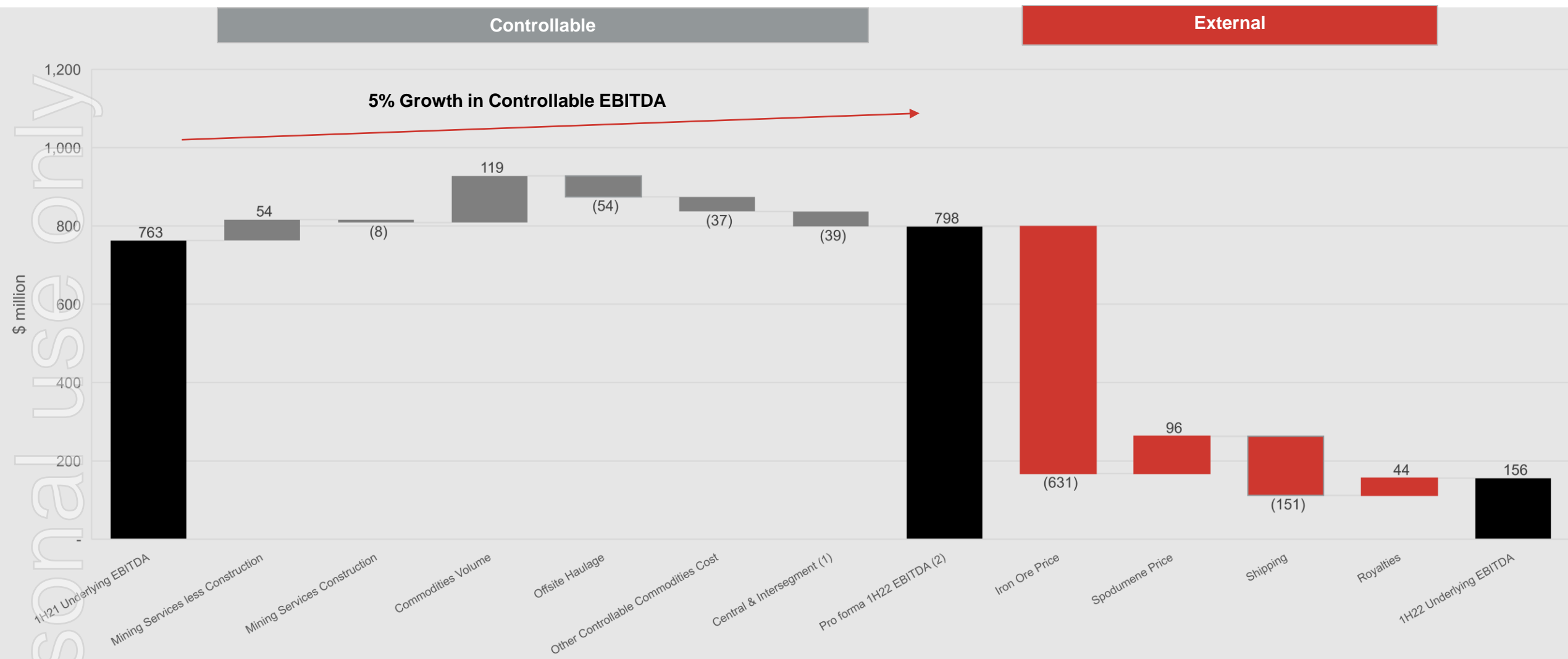
# 1H22 UNDERLYING PROFIT AND LOSS

- Revenue of \$1.4bn down 12% on pcg and EBITDA of \$156M down 80% on pcg
- 1H22 Revenue and EBITDA driven by:
  - Significant reduction in iron ore revenue due to weakening Platts and wider discounts
  - Negative prior period revenue adjustment impact \$43M
  - Cost increases post mine gate for haulage \$54M and shipping \$151M on pcg
- Partially offset by:
  - Strong iron ore shipments
  - Rebound in lithium prices
  - Mining Services growth
- Depreciation and amortisation increased due to higher production in both Mining Services and Commodities

<b>Underlying Profit &amp; Loss<sup>1</sup></b> (\$ million)	<b>1H21</b>	<b>1H22</b>	<b>Variance</b>
<b>Revenue</b>	<b>1,531</b>	<b>1,354</b>	<b>(177)</b>
Operating costs	(768)	(1,198)	(430)
<b>Underlying EBITDA</b>	<b>763</b>	<b>156</b>	<b>(607)</b>
<i>Underlying EBITDA margin (%)</i>	<i>50%</i>	<i>12%</i>	<i>(38%)</i>
Depreciation and amortisation	(104)	(162)	(59)
<b>Underlying EBIT</b>	<b>659</b>	<b>(6)</b>	<b>(665)</b>
<i>Underlying EBIT margin (%)</i>	<i>43%</i>	<i>(0%)</i>	<i>(44%)</i>
Net finance costs	(43)	(46)	(2)
<b>Underlying PBT</b>	<b>616</b>	<b>(52)</b>	<b>(668)</b>
Tax	(186)	16	202
<i>Effective tax rate (%)</i>	<i>30%</i>	<i>31%</i>	<i>1%</i>
<b>Underlying NPAT</b>	<b>430</b>	<b>(36)</b>	<b>(466)</b>
<i>Underlying NPAT margin (%)</i>	<i>28%</i>	<i>(3%)</i>	<i>(31%)</i>



# 1H21 TO 1H22 UNDERLYING EBITDA



# 1H22 CASH FLOW

- Cash conversion impacted by outflow in working capital reflecting the significant fall in iron ore prices and provisional pricing adjustments
- Tax paid of \$159M in relation to FY21
- Capex of \$403M in 1H22 (detail in next slide)
- Dividends paid of \$324M off the back of a record FY21 performance
- Net investments and acquisitions primarily comprise:
  - \$200M acquisition of RHIOJV tenements for the Ashburton Hub
  - \$326M divestment of Pilbara Minerals shareholding

Cash Flow (\$ million)	1H21	1H22	Variance
<b>Underlying EBITDA</b>	<b>763</b>	<b>156</b>	<b>(607)</b>
Movement in working capital	(108)	(78)	31
<b>Net cash flow from operating activities before financing and tax</b>	<b>654</b>	<b>78</b>	<b>(576)</b>
Net interest paid	(40)	(40)	-
Tax paid	(99)	(159)	(60)
<b>Operating cash flow</b>	<b>516</b>	<b>(120)</b>	<b>(636)</b>
Capex	(351)	(403)	(52)
<b>Operating cash flow less capex</b>	<b>165</b>	<b>(524)</b>	<b>(689)</b>
Dividends paid	(141)	(324)	(183)
Net investments and acquisitions <sup>1</sup>	(8)	118	126
Amounts advanced	(11)	11	22
Net change in borrowings	(49)	(70)	(22)
Tax paid on Wodgina disposal <sup>2</sup>	(333)	-	333
Unrealised FX	(49)	9	58
Other	17	(11)	(28)
<b>Movement in cash and cash equivalents</b>	<b>(408)</b>	<b>(791)</b>	<b>(383)</b>



# 1H22 CAPITAL EXPENDITURE

1H22 Capex of \$403M includes:

- Commodities growth capex of \$66M including:
  - Completion of Wonmunna development
  - Development of Lucky Bay Garnet project<sup>1</sup>
  - Natural gas drilling programs in the Perth Basin
- Investment to support new external Mining Services contract wins
- Ashburton Hub development primarily relating to exploration activities and feasibility studies
- Investment in Central including new head office, technology and new distribution centre

Capex (\$ million)	1H22
Commodities	66
Mining Services	26
Ashburton Hub development	36
Corp Office & Other	75
<b>Total Growth Capex</b>	<b>203</b>
Deferred stripping	97
Commodities	69
Mining Services	32
Other	3
<b>Total Sustaining Capex</b>	<b>200</b>
<b>Total Capex</b>	<b>403</b>

# 1H22 SUMMARY BALANCE SHEET

- Closing cash of \$0.8bn
- Increase in inventories primarily from reclassification of Wodgina stockpiles from non-current to current
- Decrease in receivables from lower iron ore prices
- Decrease in payables from lower royalties given the fall in iron ore prices
- Non-current payables reflects the consideration payable on first commercial shipment from the RHIOJV tenements
- Exploration and mine development increased primarily from acquisition of the RHIOJV tenements and deferred stripping expenditure

Summary Balance Sheet (\$ million)	FY21	1H22	Variance
Inventories	123	192	70
Trade and other receivables	331	199	(133)
Trade and other payables	(582)	(445)	137
Other	(41)	(38)	3
<b>Net working capital</b>	<b>(169)</b>	<b>(92)</b>	<b>77</b>
Non-current inventory	62	26	(36)
Non-current receivables	653	653	(1)
Non-current payables	-	(198)	(198)
Financial assets and equity accounted investments	388	177	(211)
Property, plant and equipment	1,825	2,052	228
Intangibles	37	36	(1)
Exploration and mine development	726	1,257	531
Non-current provisions	(195)	(190)	5
Net tax balances	(361)	(210)	151
<b>Capital employed</b>	<b>2,966</b>	<b>3,512</b>	<b>546</b>
Cash and cash equivalents	1,542	751	(791)
Borrowings	(1,262)	(1,333)	(71)
<b>Net (debt) / cash</b>	<b>280</b>	<b>(582)</b>	<b>(862)</b>
<b>Net assets</b>	<b>3,246</b>	<b>2,930</b>	<b>(316)</b>



# LOCKED IN GROWTH



# LOCKED IN GROWTH NEXT 5 YEARS

LOCKED IN GROWTH FROM **TIER 1 ASSETS** IN THE WORLD'S **BEST MINING JURISDICTION** WITH **TIER 1 CLIENTS** AND **JV PARTNERS**



## Mining Services

- Expect to average 15-20% yoy growth over next 5 years



## Iron Ore

- Transition to low cost, long life mines
- Add 30Mtpa from Ashburton Hub within 2 years
- Add 20Mtpa from Pilbara Hub within 5 years
- Sustainable through commodity price cycles



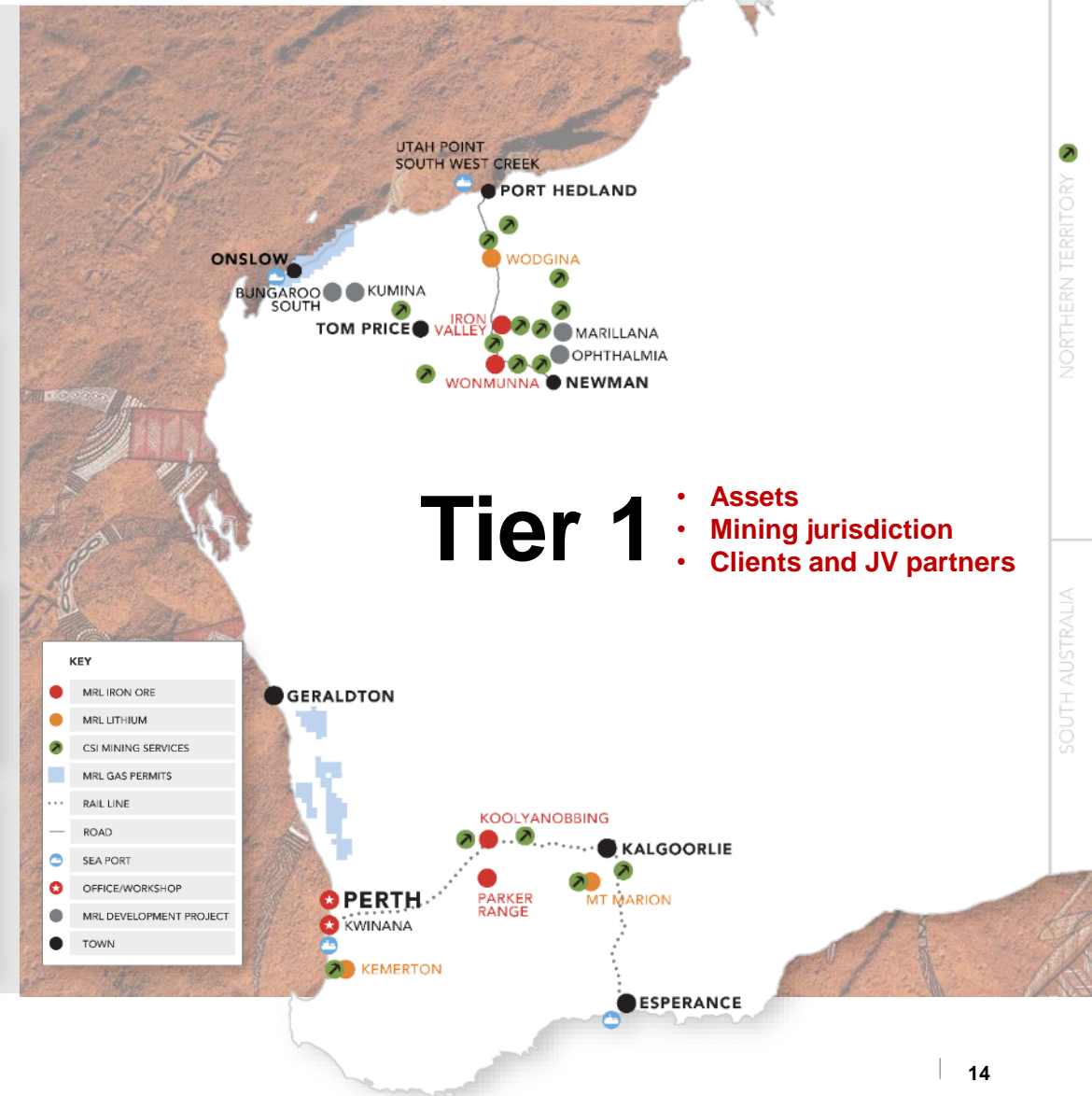
## Lithium

- Two of the world's largest hard rock deposits
- Targeting over 100ktpa<sup>1</sup> of lithium hydroxide within 5 years



## Gas

- Significant gas discovery in Perth Basin
- Explore and grow reserves across Perth and onshore Carnarvon Basins
- Low cost, secure supply to MRL businesses, JV partners and clients





# MINING SERVICES GROWTH

SUSTAINABLE GROWTH BY **OWNING AND OPERATING SIGNIFICANT INFRASTRUCTURE**  
DELIVERING PREDICTABLE **LONG TERM CASH FLOW**

Locked in 15-20% growth over next 5 years via:

- 1) **Growth with Tier 1 clients**
  - Expect 10-15% pa growth over next 3 years
- 2) **Growth with significant JV partners**

## Ashburton Iron Ore Hub

- Stage 1: Life of mine contracts with Baowu, AMCI and POSCO
  - 30Mtpa Crushing – NextGen
  - 30Mtpa Haulage – road trains – 320t each
  - 30Mtpa Shiploading – 4x20kt transhipper capacity

## Pilbara Iron Ore Hub

- Life of mine supply chain contract with Brockman JV – 20Mtpa mine gate to port
  - Private haul road – 320t road trains
  - MRL/Hancock – rail and port JV

## Wodgina Lithium

- Life of mine crushing and camp services contracts with Albemarle



# IRON ORE GROWTH

**LOCKED IN LARGE, LOW-COST, LONG-LIFE PROJECTS  
WITH STRONG JOINT VENTURE PARTNERS**

## ASHBURTON HUB

**Stage 1 – 30Mtpa, +30 year mine life, Fe 57.5%**

- Heads of Agreement with APIJV partners
- MRL has FID approval subject to APIJV partners agreement
- MRL has commenced long-lead items procurement

### MineCo

- JV Partners: Baowu, AMCI and POSCO
- MRL appointed manager of Red Hill Iron JV – January 2022

### InfraCo

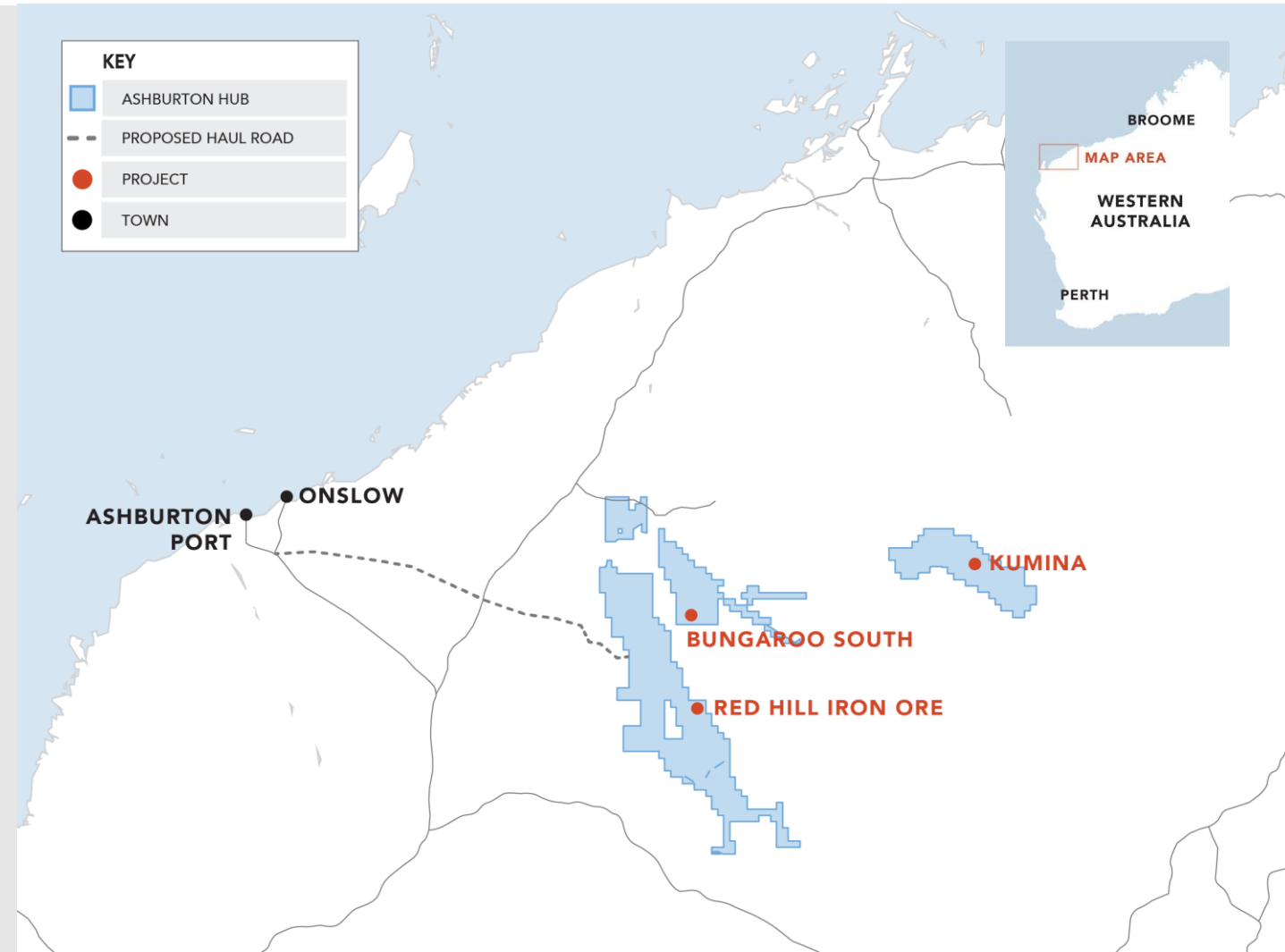
- Haul road, port facilities, transhipper berths

**Capex:** A\$2.4 – \$2.55bn

**Opex:** A\$30-35 per wmt<sup>1</sup>

### Timeline

- 2 year development
- Expected final investment decision from JV partners June 2022
- First ore targeted December 2023 to March 2024





# IRON ORE GROWTH

LOCKED IN **LARGE, LOW-COST, LONG-LIFE PROJECTS**  
WITH STRONG JOINT VENTURE PARTNERS

## PILBARA HUB

>20Mtpa, +30 year mine life, Fe 60.5%

### MineCo

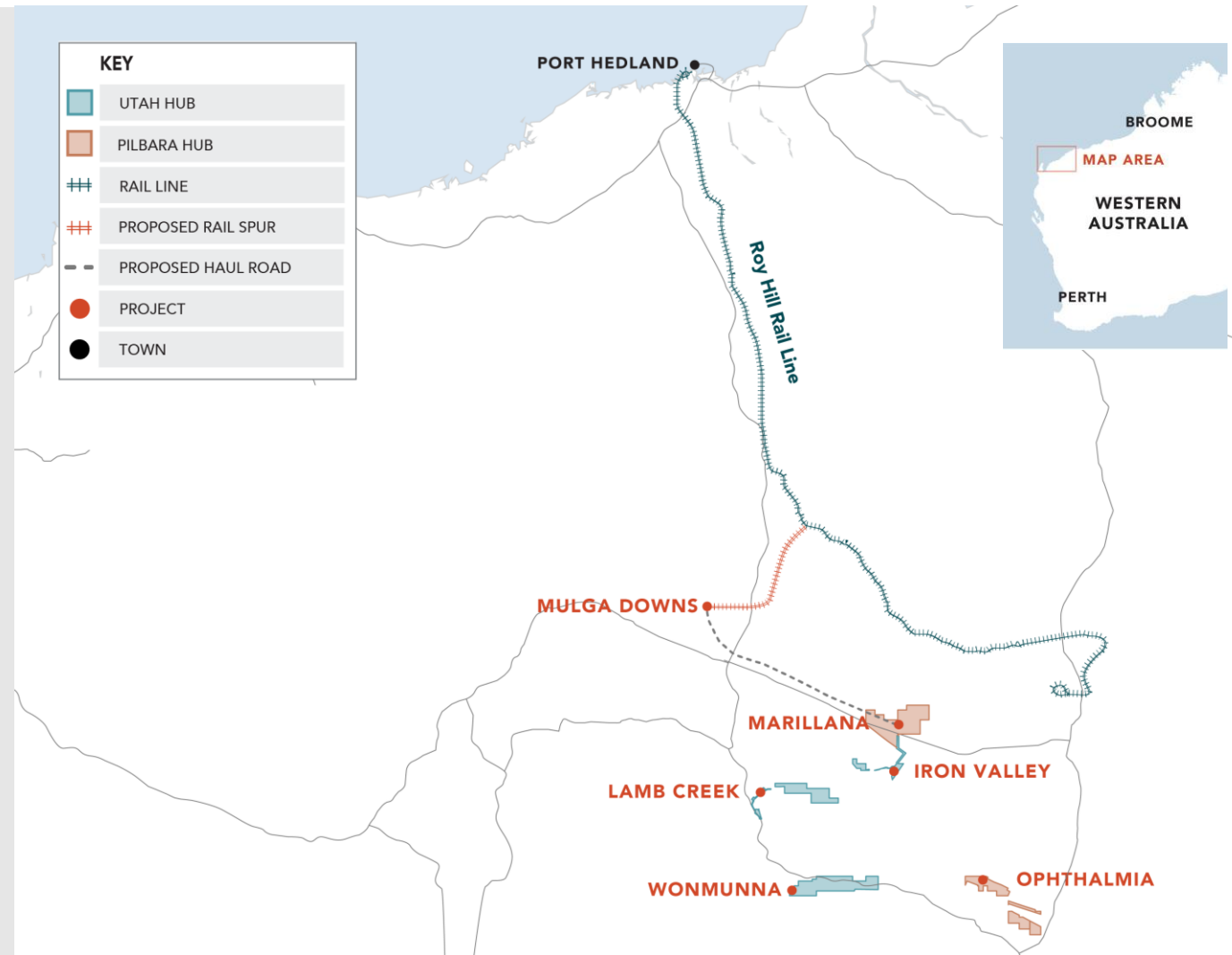
- JV Partner: Brockman Mining (ASX: BCK)
- MRL to manage

### InfraCo

- Haul road from Marillana to Mulga Downs
- MRL/Hancock/Roy Hill JV shared rail and port access
- Stanley Point berth 3 approved by WA Government

### Timeline

- 2 year approvals + 2 year development



# LITHIUM GROWTH

## Top 5 global lithium producer

## Best mining jurisdiction in the world

- Stable high quality government

## Two hard rock mines

- Long life
- Significant exploration upside

## Hydroxide conversion

- With two of the best JV Partners

## ALB MRL JV

Non-binding agreement with Albemarle (ALB) to expand the Joint Venture<sup>1</sup>

### WODGINA SPODUMENE (ALB/MRL 50/50)

- Ownership change from 60/40 (ALB/MRL) to 50/50
- MRL to manage and operate Wodgina

### KEMERTON HYDROXIDE (ALB/MRL 60/40)

- Ownership of Kemerton Train 1 and 2 remains 60/40 (ALB/MRL)
- Greenbushes spodumene to feed Kemerton

### OFFSHORE CONVERSION (ALB/MRL 50/50)

- Hydroxide plants funded jointly in proportion
- Albemarle to operate and responsible for marketing and sales

## MT MARION

- MRL has taken control of spodumene offtake from February 2022
- Toll treating agreement with Ganfeng in China
- Seven month term from 1 February 2022 with extension option
- First hydroxide sales expected May 2022





# MT MARION LITHIUM GROWTH

**COMMENCING LITHIUM HYDROXIDE SALES AT WORLD CLASS LITHIUM MINE WITH A TIER 1 PARTNER**

**MT MARION (50/50 JV WITH GANFENG)**

**Current production – 450-475ktpa<sup>1</sup>**

**Two studies underway to grow spodumene production**

- Yield enhancement
  - Crushing and processing upgrades to change gradation
  - Targeting 10-15% increase
- Contact Ore treatment
  - Waste/Ore contact has a basalt zone
  - Plant upgrade to remove basalt
  - Targeting 10-15% increase

**Exploration**

- 80% of tenure unexplored
- Drilling program commenced – 2 drill rigs





# ALB MRL JV LITHIUM GROWTH



**COMMENCING LITHIUM HYDROXIDE SALES AT WORLD CLASS LITHIUM MINE WITH A TIER 1 PARTNER**

## WODGINA SPODUMENE

- Train 1 restart well advanced – first concentrate expected April 2022
- Train 1 capacity – 250ktpa<sup>1</sup>
- Train 2 and 3 capacity – 500ktpa<sup>1</sup> – restart in line with market demand

## KEMERTON HYDROXIDE

- Train 1 capacity – 25ktpa<sup>1</sup> – first sales expected late 2022
- Train 2 capacity – 25ktpa<sup>1</sup> – mechanical completion expected third quarter 2022

## OFFSHORE HYDROXIDE

- Develop sufficient capacity to consume all Wodgina spodumene

**MRL targeting 100ktpa<sup>2</sup> hydroxide conversion in 5 years**



# GAS GROWTH

## LARGEST ACREAGE HOLDER IN ONSHORE PERTH<sup>1</sup> AND CARNARVON BASINS<sup>2</sup>

### Lockyer Deep Gas Discovery

- Drilled September 2021 – Perth Basin – total depth 4,274 metres
- Significant gas discovery
- Production testing expected to commence March 2022 – timing delayed by COVID

### Growth Plan

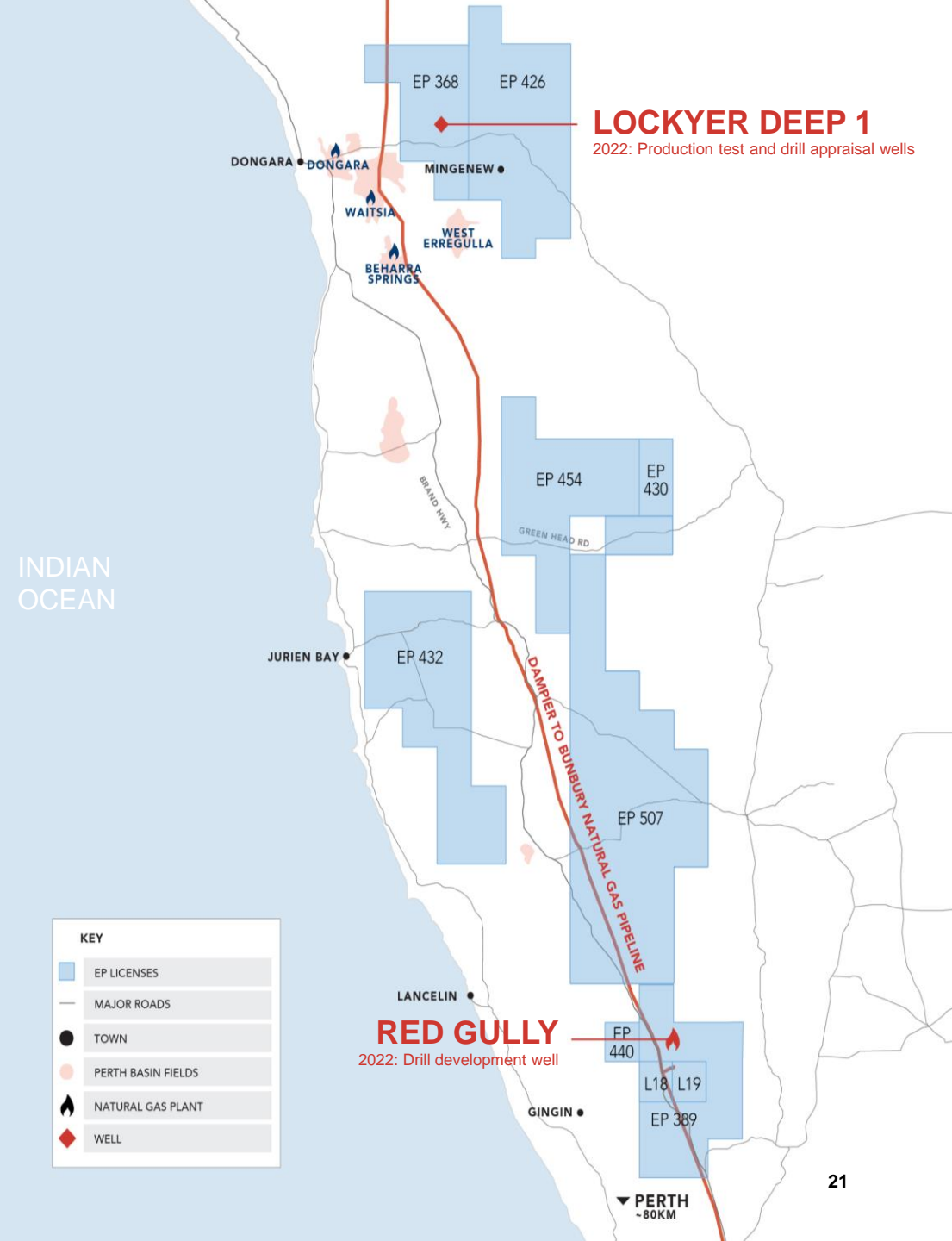
- Self-sufficient in delivering gas to MRL, JV partners and clients

### Exploration

- Perth Basin:
  - Drill up to 6 wells in next 2 years
  - Aim to bring Red Gully production facility back online within next 2 years
- Northern Carnarvon Basin:
  - Planning to drill 2 wells within next 12 months



1. Energy Resources Limited (ERL), a wholly owned subsidiary of MRL, is operator of the EP368 Joint Venture between ERL (80%) and Norwest Energy NL (20%) (ASX: NWE)
2. Carnarvon Basin is a Joint Venture between ERL (50%) and Buru Energy NL (50%) (ASX: BRU)



# FY22 GUIDANCE

	Yilgarn Hub	Utah Point Hub	Mt Marion	Wodgina	Kemerton
<b>Commodity</b>	Iron ore	Iron ore	Spodumene	Spodumene	Lithium hydroxide
<b>Ownership</b>	100%	100%	50%	40% <sup>5</sup>	40%
<b>Exports<sup>1,2</sup></b>	8.0 to 8.5Mt	10.5 to 11Mt	450 to 475kt	Restart with first production Q4 FY22	Under construction
<b>Costs<sup>3</sup></b>	\$96-\$104/t	\$80-88/t	\$570-\$615/t	Not applicable	Not applicable
<b>Mining Services</b>	Mining Services volumes 275-290Mt (increase 15-20%)				
<b>Capex</b>	\$750M <sup>4</sup>				

Increased shipping costs makes up 94% of the cost increase at Utah Point Hub, and 40% of the cost increase for Yilgarn Hub and Mt Marion

**THANK YOU**  
QUESTIONS?





# APPENDIX ADDITIONAL INFORMATION



# RECONCILIATION OF NON-IFRS FINANCIAL INFORMATION

Reconciliation of Non-IFRS Financial Information (\$ million)	1H21	2H21	FY21	1H22
<b>Total Revenue</b>	<b>1,531</b>	<b>2,203</b>	<b>3,733</b>	<b>1,354</b>
<b>Underlying EBITDA</b>	<b>763</b>	<b>1,138</b>	<b>1,901</b>	<b>156</b>
Depreciation and amortisation	(104)	(154)	(258)	(162)
<b>Underlying EBIT</b>	<b>659</b>	<b>984</b>	<b>1,643</b>	<b>(6)</b>
Interest income	6	4	10	4
Finance costs	(49)	(47)	(96)	(50)
<b>Underlying PBT</b>	<b>616</b>	<b>941</b>	<b>1,557</b>	<b>(52)</b>
Adjusted tax	(186)	(268)	(454)	16
<b>Underlying NPAT</b>	<b>430</b>	<b>673</b>	<b>1,103</b>	<b>(36)</b>
Items excluded from underlying earnings (net of tax) <sup>1</sup>	90	75	165	56
<b>Statutory NPAT</b>	<b>519</b>	<b>748</b>	<b>1,268</b>	<b>20</b>

# FY22 CAPITAL EXPENDITURE GUIDANCE

CAPEX (\$ million)	FY22
Commodities	176
Mining Services	68
Ashburton Hub development	62
Corp Office and Other	124
<b>Total Growth Capex</b>	<b>430</b>
Deferred Stripping	162
Commodities	102
Mining Services	50
Central and Other	7
<b>Total Sustaining Capex</b>	<b>320</b>
<b>Total Capex<sup>1</sup></b>	<b>750</b>

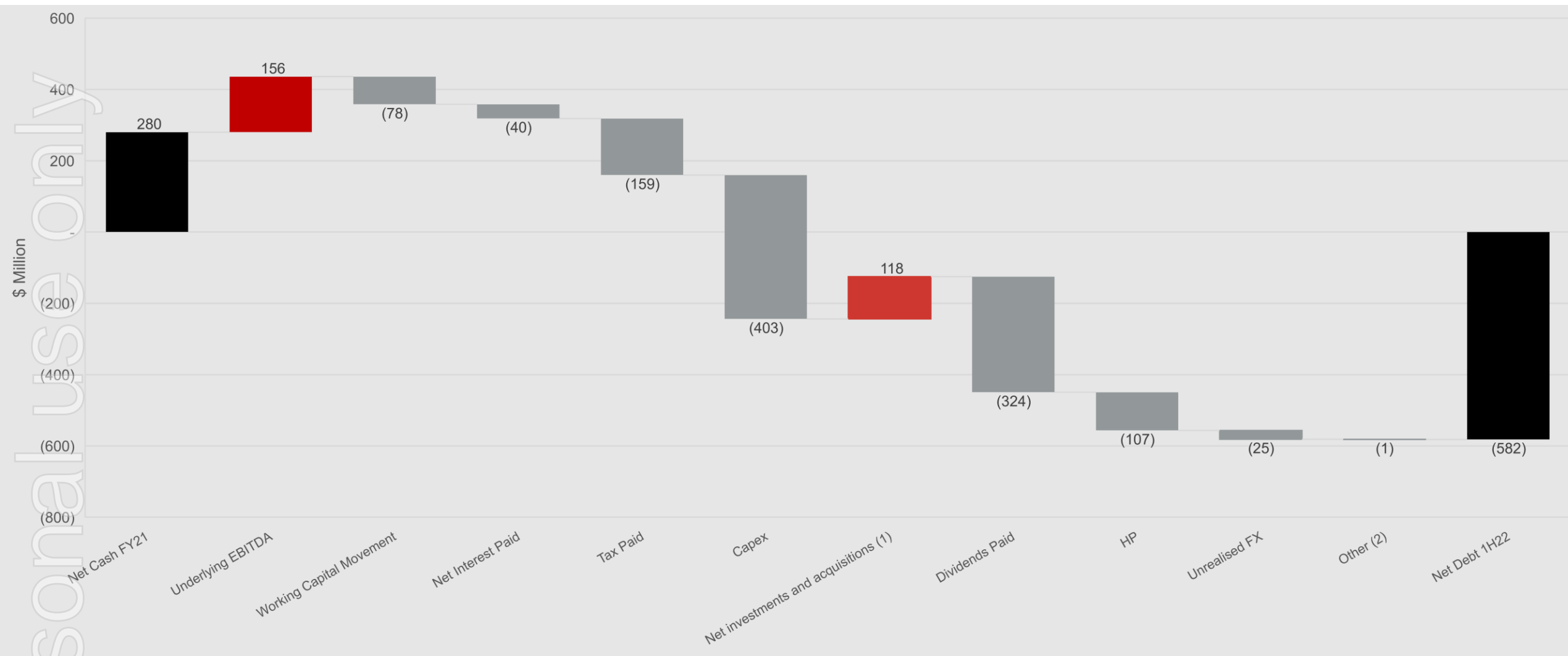


# OPERATING SEGMENTS

- Mining Services revenue and EBITDA growth in 1H22 was driven by additional volumes at Utah Point Hub and new external contracts won during the year
- Margins were impacted by lower volumes across the Yilgarn supply chain, as well as higher parts and labour costs, but overall in line with FY21 at 27%
- Commodities in 1H22 was significantly impacted by weaker iron ore prices and widening discounts, despite a growth in volumes
- Costs for centralised services are allocated to projects monthly based on usage and are included in the Mining Services and Commodities segments. Unallocated costs remain in Central and has increased on pcp to support the growth in the business
- Inter-segment EBITDA represents Mining Services EBITDA earned on MRL's commodity projects where the underlying commodity has not yet been sold, which has increased with the growth in the Commodities volumes

Operating Segments (\$ million)	1H21 Revenue	1H21 Underlying EBITDA	1H21 Margin	1H22 Revenue	1H22 Underlying EBITDA	1H22 Margin
Mining Services <sup>1</sup>	784	235	30%	1,052	281	27%
Commodities	1,266	571	45%	1,026	(43)	(4%)
Central	-	(26)		-	(45)	
Inter-segment	(520)	(18)		(724)	(38)	
<b>MRL Group</b>	<b>1,531</b>	<b>763</b>	<b>50%</b>	<b>1,354</b>	<b>156</b>	<b>12%</b>

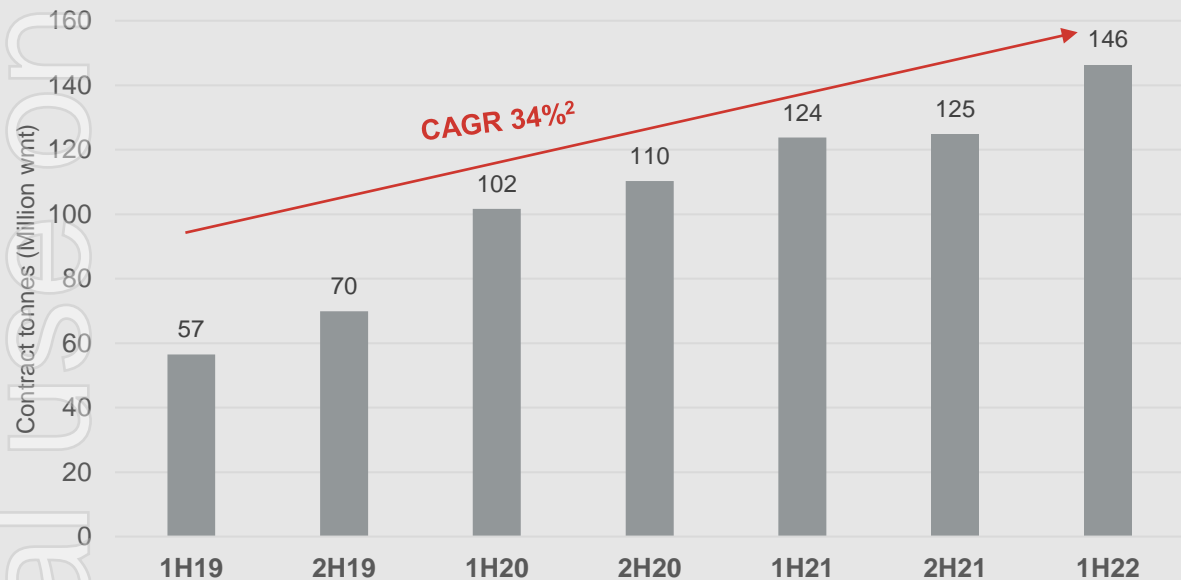
# 1H22 NET DEBT WATERFALL



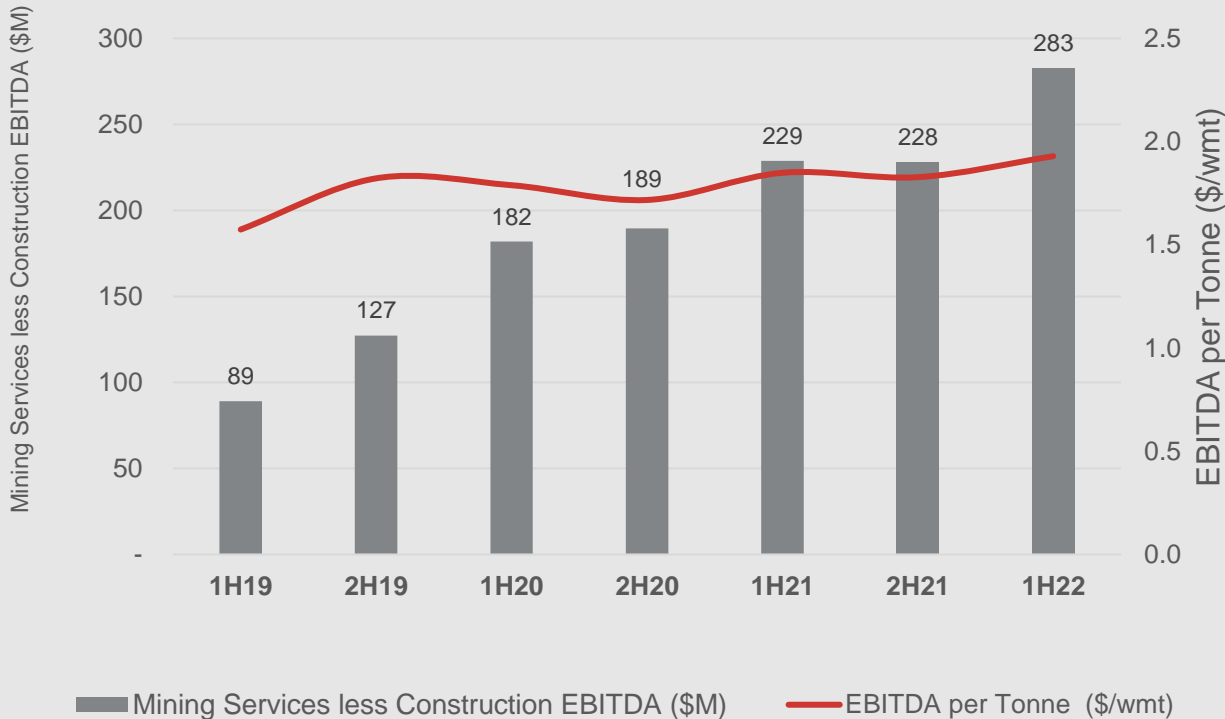


# MINING SERVICES FY19 TO FY21 PERFORMANCE

Mining Services production-related contract tonnes<sup>1</sup>



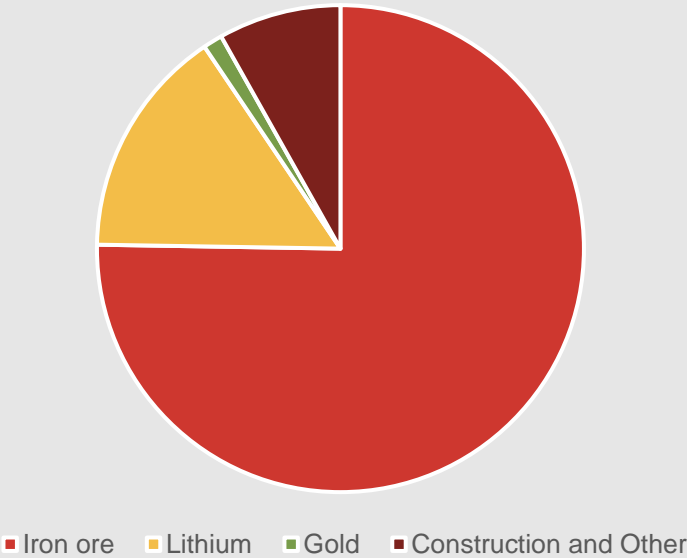
Mining Services less Construction EBITDA<sup>3</sup>



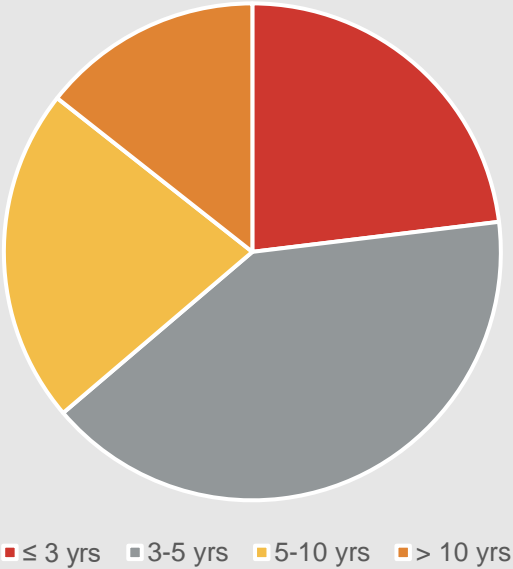
1. Mining Services production-related contract tonnes are based upon TMM, crushed, processed, transported and other logistical services.  
2. CAGR since 1H19 calculated as the CAGR for the successive 6-month periods from 1H19 to 1H22 multiplied by 2.  
3. Mining Services less construction EBITDA reflects MRL's annuity style production-related earnings.

# MINING SERVICES KEY BUSINESS METRICS

REVENUE<sup>1,2</sup> BY COMMODITY



REVENUE<sup>1</sup> BY LENGTH OF CONTRACT



1. 1H22 Mining Services segment revenue (external and inter-segment)  
2. MRL's Mining Services contract rates are not linked to commodity prices. There are no commodity price related revenues in the Mining Services segment.



# COMMODITIES SEGMENTS

## Iron Ore

- Record exports of 9.9Mt, up 25% due to growth at Utah Point Hub
- Significant decrease in Platts index and widening discounts has resulted in lower Revenue and EBITDA

## Lithium

- EBITDA of \$61M, up \$66M
- At Mt Marion, a rebound in the lithium market translated to higher lithium prices, which was offset by slightly lower yields during the year, resulting in EBITDA of \$67M
- Wodgina incurred costs of (\$6M) in care and maintenance

Commodities Segment (\$ million)	1H21 Revenue	1H21 Underlying EBITDA	1H21 Margin	1H22 Revenue	1H22 Underlying EBITDA	1H22 Margin
Iron Ore	1,219	582	48%	883	(104)	(12%)
Lithium	47	(5)	(10%)	143	61	43%
Other	-	(6)		-	-	
<b>Commodities</b>	<b>1,266</b>	<b>571</b>	<b>45%</b>	<b>1,026</b>	<b>(43)</b>	<b>(4%)</b>

Commodity Exports	1H20	2H20	1H21	2H21	1H22
Iron Ore (kwmt)	6,748	7,326	7,913	9,361	9,857
Lithium Spodumene (kdmt)	188	206	203	282	207

# COMMODITIES UTAH POINT HUB IRON ORE

- 5.4Mt exported in 1H22, 24% lump. Lower lump proportion is due to Wonmunna ore, which has a lower lump to fines ratio, making up a higher proportion of the Utah Point Hub exports
- Revenue per tonne lower due to weaker Platts index and widening discounts
- Realisations reduced mainly due to widening discounts and the negative impact of finalisations of prior period shipments
- CFR cost per tonne lower than FY21 due to lower royalties associated with a weaker Platts index, offsetting the higher shipping costs

Utah Point Hub			1H20	2H20	FY20	1H21	2H21	FY21	1H22
Lump	Exports	kwmt	1,305	1,417	2,723	1,415	1,727	3,142	1,295
	Fe grade	%	59.6%	59.2%	59.4%	58.5%	58.8%	58.7%	58.3%
	Moisture	%	6.0%	6.5%	6.2%	5.2%	7.5%	6.5%	7.5%
	Revenue	\$/wmt	128.8	123.2	125.9	150.7	220.2	188.9	100.6
	Revenue	US\$/dmt	93.6	87.1	90.3	115.2	183.3	151.5	79.8
	Realisation <sup>1</sup>	%	99%	96%	97%	92%	99%	96%	58%
Fines	Exports	kwmt	2,285	1,688	3,973	1,519	2,108	3,627	4,141
	Fe grade	%	58.3%	58.7%	58.4%	57.5%	57.8%	57.7%	57.8%
	Moisture	%	9.0%	10.9%	9.8%	9.2%	11.5%	10.5%	11.2%
	Revenue	\$/wmt	80.7	100.3	89.1	154.2	180.2	169.3	86.8
	Revenue	US\$/dmt	60.7	74.4	66.4	122.8	157.0	141.9	71.1
	Realisation <sup>1</sup>	%	64%	82%	71%	98%	85%	90%	52%
Weighted average	Exports	kwmt	3,590	3,106	6,696	2,934	3,835	6,769	5,436
	Revenue	\$/wmt	98.2	110.8	104.0	152.5	198.2	178.4	90.1
	Revenue	US\$/dmt	72.6	80.2	76.1	119.2	168.8	146.4	73.2
	Realisation <sup>1</sup>	%	77%	88%	82%	95%	92%	95%	54%
	CFR Cost	\$/wmt	77.3	84.4	80.6	87.4	107.9	99.0	96.3
	EBITDA	\$/wmt	20.9	26.3	23.4	65.1	90.4	79.4	(6.3)

1. Realisation calculated as US\$/dmt revenue over average Platts 62% Index CFR.



# COMMODITIES YILGARN HUB IRON ORE

- 4.4Mt exported in 1H22 with the removal of high cost tonnes from production in response to the rapid decline in Platts index and widening discounts
- Revenue per tonne lower due to weaker Platts index and widening discounts
- Realisations reduced due to the widening discounts, conversion to all-in-fines, and the negative impact of finalisations of prior period shipments
- CFR cost per tonne increased in 1H22 primarily due to continued increases in shipping and haulage costs

Yilgarn Hub			1H20	2H20	FY20	1H21	2H21	FY21	1H22
Lump	Exports	kwmt	1,135	1,824	2,959	1,874	603	2,477	-
	Fe grade	%	59.7%	59.2%	59.4%	57.8%	57.5%	57.7%	-
	Moisture	%	3.2%	3.7%	3.5%	4.7%	4.1%	4.6%	-
	Revenue	\$/wmt	117.1	129.7	124.9	157.7	224.8	174.0	-
	Revenue	US\$/dmt	82.8	88.6	86.8	119.6	180.9	134.9	-
	Realisation <sup>1</sup>	%	87%	97 %	93%	95%	99%	96%	-
Fines	Exports	kwmt	2,023	2,396	4,419	3,105	4,923	8,028	4,421
	Fe grade	%	59.0%	58.6%	58.8%	56.9%	56.9%	56.9%	56.8%
	Moisture	%	4.5%	5.2%	4.9%	6.7%	5.7%	6.1%	5.2%
	Revenue	\$/wmt	104.1	115.1	110.1	153.4	191.3	176.7	89.1
	Revenue	US\$/dmt	74.6	79.9	77.7	118.9	156.5	140.6	68.0
	Realisation <sup>1</sup>	%	79%	88%	84%	94%	85%	91%	50%
Weighted Average	Exports	kwmt	3,158	4,221	7,378	4,979	5,526	10,505	4,421
	Revenue	\$/wmt	108.8	121.4	116.0	155.0	195.0	176.1	89.1
	Revenue	US\$/dmt	77.6	83.6	81.3	119.2	159.2	139.2	68.0
	Realisation <sup>1</sup>	%	82%	92%	87%	95%	87%	90%	50%
	CFR Cost	\$/wmt	73.6	71.1	72.1	76.5	84.8	80.9	104.2
	EBITDA	\$/wmt	35.2	50.4	43.9	78.5	110.2	95.2	(15.1)

1. Realisation calculated as US\$/dmt revenue over average Platts 62% Index CFR.

# COMMODITIES IRON ORE REALISATIONS



1. Realisation excluding the impact of price adjustments for finalisation of iron ore sales contracts on prior period shipments.

# COMMODITIES MT MARION LITHIUM

- 1H22 spodumene concentrate exports of 207kdmt, 55% high grade
- Temporary lower high grade product mix and lower yields due to feed of low grade stockpiles in 1H22 to supplement lower ore mined as a result of Covid-19 driven manning constraints and opening up new pit areas
- Improved lithium prices in 1H22 resulted in an increase in revenue per tonne
- CFR cost per tonne higher in 1H22 due to reduced yields, continued increases in shipping costs and higher royalties associated with improved lithium prices

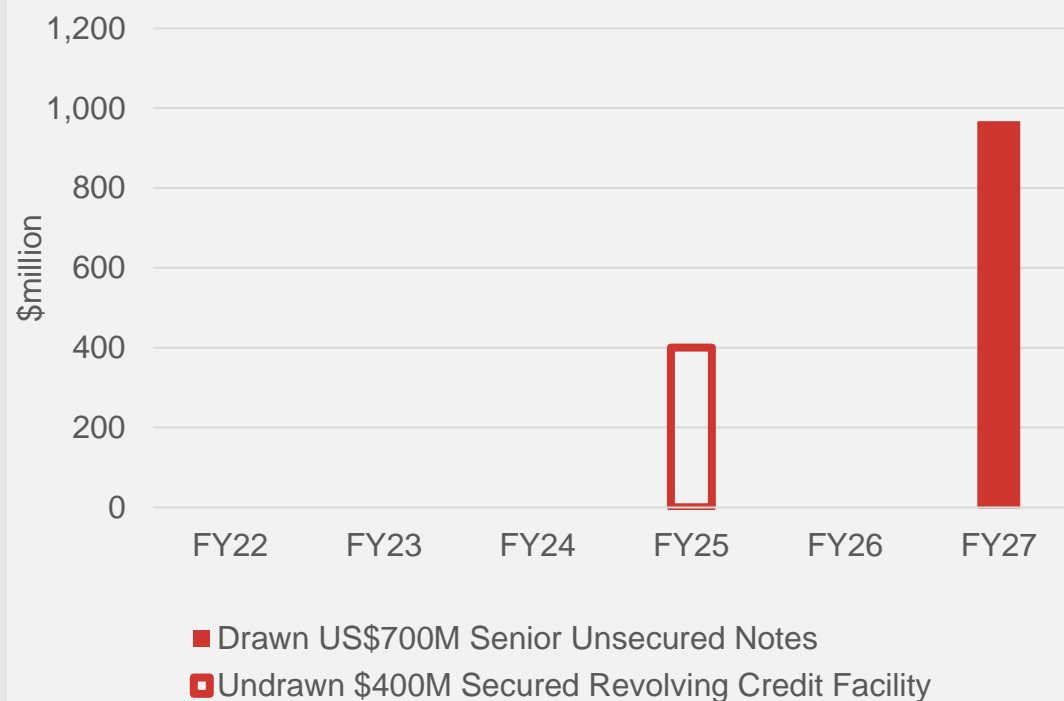
Mt Marion Lithium			1H20	2H20	FY20	1H21	2H21	FY21	1H22
Weighted Average	Exports (at 100%)	kdmt	188	206	394	203	282	485	207
	High Grade Product contribution	%	66%	63%	64%	76%	66%	70%	55%
	Revenue	\$/dmt	695.6	546.2	617.5	458.8	590.5	535.4	1,384.7
	CFR Cost	\$/dmt	521.1	553.8	538.2	457.4	540.5	505.8	732.4
	EBITDA	\$/dmt	174.5	(7.6)	79.3	1.4	50.0	29.7	652.2



# CREDIT METRICS AND DEBT MATURITY PROFILE

CREDIT METRICS	FY21	1H22
Cash and equivalents	\$1,542M	\$751M
Net debt/(cash)	(\$280M)	\$582M
Net gearing	(9%)	17%
Gross gearing	28%	31%
Net debt/(cash) to Underlying EBITDA <sup>2</sup>	(0.1x)	0.4x
Gross debt to Underlying EBITDA <sup>2</sup>	0.7x	1.0x
Underlying EBITDA to net interest <sup>2</sup>	22.2x	14.7x
Underlying EBITDA to gross interest <sup>2</sup>	19.8x	13.4x

## DEBT MATURITY PROFILE<sup>1</sup>



# GLOSSARY

<b>1H, 2H, FY</b>	First half, second half, full year
<b>\$</b>	Australian dollar
<b>US\$</b>	United States dollar
<b>bn</b>	Billion
<b>CAGR</b>	Compound annual growth rate
<b>CFR</b>	Cost and freight rate
<b>CFR cost</b>	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
<b>dmt</b>	Dry metric tonnes
<b>EPS</b>	Earnings per share
<b>Gross debt</b>	Total borrowings and finance lease liabilities
<b>Gross gearing</b>	Gross debt / (gross debt + equity)
<b>k</b>	Thousand
<b>LTIFR</b>	Lost Time Injury Frequency Rate

<b>M</b>	Million
<b>Net debt / (cash)</b>	Gross debt less cash and cash equivalents
<b>pcp</b>	Prior corresponding period
<b>ROIC</b>	Return on invested capital
<b>T or t</b>	Wet metric tonnes unless otherwise stated
<b>TMM</b>	Total Material Mined
<b>TRIFR</b>	Total Recordable Injury Frequency Rate per million hours worked
<b>TSR</b>	Total Shareholder Return being CAGR in gain from change in share price plus dividends paid
<b>Underlying EBIT</b>	Earnings Before Interest and Tax adjusted for impact of one-off, non-operating gains or losses
<b>Underlying EBITDA</b>	Earnings Before Interest, Tax, Depreciation and Amortisation adjusted for impact of one-off, non-operating gains or losses
<b>Underlying PBT</b>	Profit Before Tax adjusted for impact of one-off, non-operating gains or losses
<b>Underlying NPAT</b>	Net Profit After Tax adjusted for after tax impact of one-off, non-operating gains or losses
<b>wmt</b>	Wet metric tonnes

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