

Australia's most experienced magnetite producer









**Investor Presentation** 

9 May 2023

## **Company Highlights**

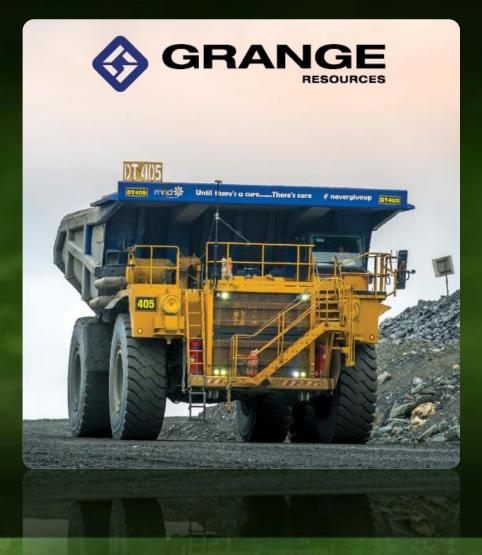
- ✓ **STRONG Safety Culture**Record safety performance of over 6 years Lost Time Injury free in March 2023.
- ✓ Most EXPERIENCED magnetite producer

  Over 55 years of operational experience on the Savage River Project
- ✓ Shipped 2.5m tonnes of Iron Ore Products in 2022

  Over 2.5 million tonnes of pellets and chips sold through the port.
- ✓ LONG LIFE producer of PREMIUM iron ore pellets

  High quality ore reserves (~ 47% DTR) producing ~65%+ Fe BF pellets
- ✓ STRONG balance sheet
  \$299 million cash, cash equivalents & liquid investments at end of Dec-2022
- Advanced GROWTH Project

  Progressed Underground Definitive Feasibility Study and further optimised the Southdown Project with Definitive Feasibility Study commenced





## Vision & Values

#### **Our Purpose:**

The responsible provision of mineral resources to support sustainable development, growth and prosperity



#### **Our Vision**

We will produce high quality steel making raw materials economically and effectively.

Our operations will be efficient, flexible, and stakeholder focused.

We value	At Grange we all will				
Safety	✓ Work safely.				
Respect	Lead & act with fairness, integrity, trust and respect.				
Accountability	✓ Be responsible & accountable for our actions.				
Efficiency	✓ Utilise our resources efficiently and effectively.				
Sustainability	Engage with stakeholders and proactively manage our impact on their environment.				
Teamwork	✓ Work together openly and transparently.				
People	Promote an inclusive and diverse environment in which our people can develop and prosper.				



## Grange's Process

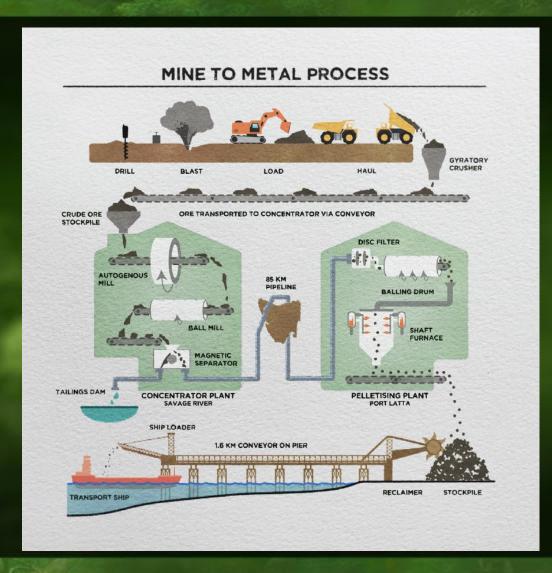
#### **Savage River**

- Magnetite iron ore is extracted from the open cut pit by conventional drilling, blasting, loading and hauling.
- Ore is then crushed to approximately 200mm and transported via a 1.6km overland conveyor belt to a stockpile.
- At the concentrator plant, the ore is processed through stages of autogenous mill grinding, ball mill grinding and magnetic separation.

The resulting concentrate is mixed with water to form slurry which is pumped 85km through a pipeline to Port Latta. Transportation time is around 13 hours.

#### **Port Latta**

- The concentrate is de-watered and formed into small marble-sized balls then heated to over 1,000 degrees Celsius for around four and a half hours in a furnace.
- The pellets are screened to remove excess material and are conveyed to a finished product stockpile to cool.
- They are transported along the 1.6km-long pier to be loaded on ships.
- Exported to steel-making operations in the Asia-Pacific region including Port Kembla.





## **Iron Ore Products**

Higher

QUALITY

-ower



Magnetite is a naturally occurring mineral, commonly refined into an iron ore concentrate and used for steel production.

Smelting magnetite to iron involves agglomeration or 'clumping together' of the magnetite concentrate, and thermal treatment to produce spherical shaped balls – pellets.

Magnetite concentrate has internal thermal energy meaning less energy is required, compared to haematite, in the pelletising process which in turn results in less carbon dioxide emissions.

Our magnetite concentrate is a refined product, and has high iron content and low impurities.

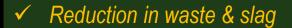
This has beneficial quality, productivity, efficiency and environmental outcomes for the steel maker.



✓ Reduced environmental impact with decrease in air emissions



✓ Reduction in energy consumption





Lower maintenance costs in the Blast Furnace





✓ Favourable physical & chemical properties.



/ Higher yield of metallic iron with higher Fe content

## Our product attracts a premium price







## **Environmental, Social, Governance**

- In 2017, the International Business Council sponsored "The Compact for Responsive and Responsible Leadership", which declared that "society is best served by corporations that have aligned their goals to serve the long-term goals of society".
- They identified the Sustainability Development Goals as the roadmap for that alignment.



equality and in a healthy

environment.

harmony with nature.

managing its natural

resources and taking

change, so that it can

present and future generations.

urgent action on climate

support the needs of the



#### Grange is developing an Environmental, Social, and **Governance (ESG) framework**

- Enables reporting against the 21-core metrics and disclosures as promoted by the World Economic Forum (WEF).
- Reviewing planned actions against the 4 pillars of the
- Assessing key stakeholders as part of our consultation process



principles of agency,

stewardship continue to

be vital for truly "good

accountability and

governance".

## **Environment, Social and Governance**

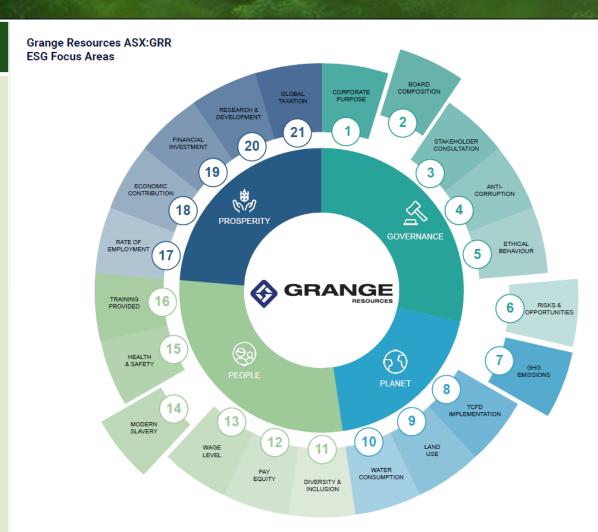
#### ESG Update Q1 2023

#### **Highlights and achievements Q1:**

- Modern Slavery Policy reviewed and adopted by the Board
- Developing ESG-inclusive Board Skills Matrix
- Decarbonisation roadmap being developed for further communication

#### Focus areas for Q2:

- Release of the emissions reduction roadmap
- Stakeholder materiality assessment planning
- Scoping a risk review and assessment on ESG risks and opportunities

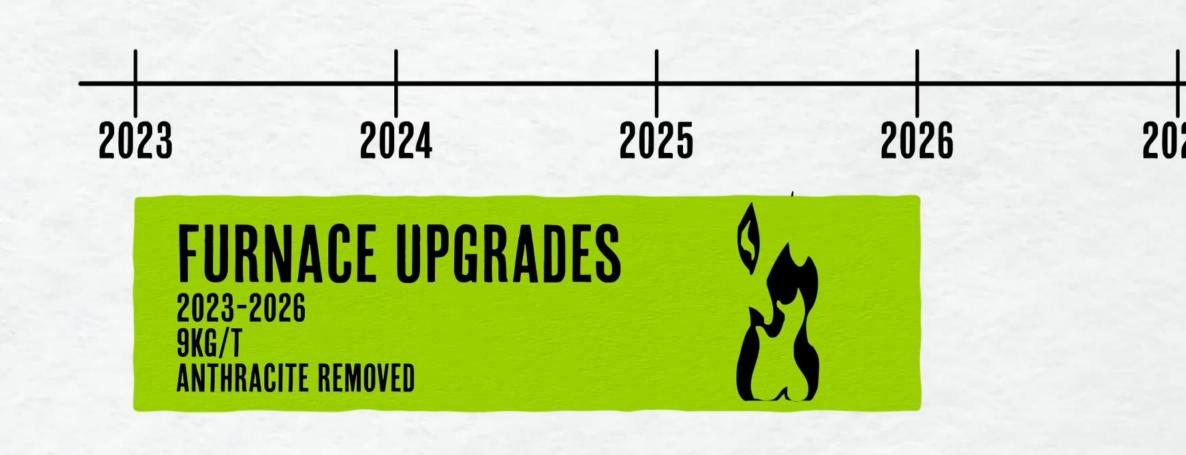


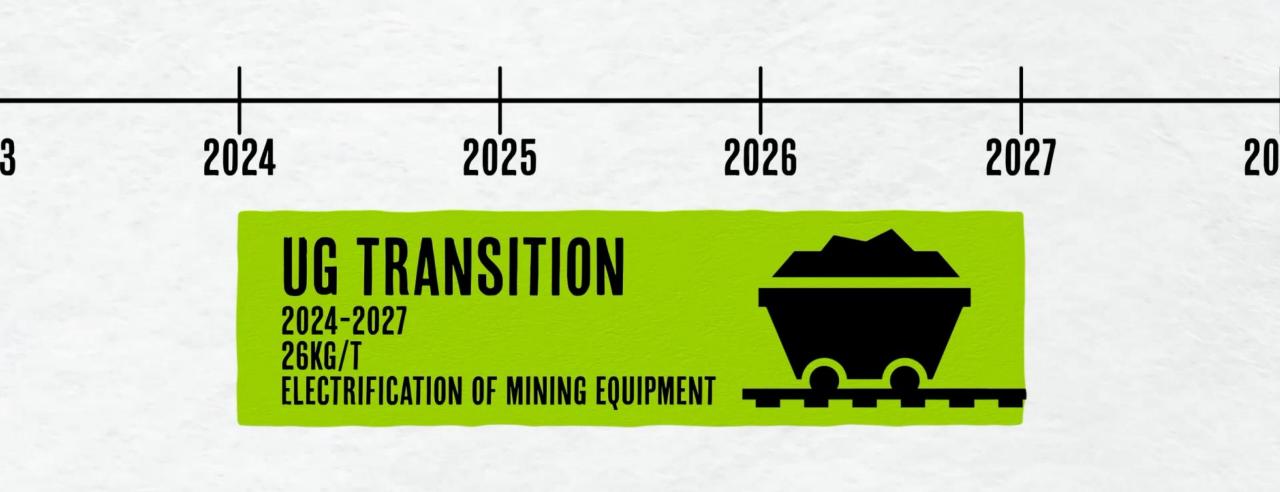
Stakeholder Capitalism Metrics ESG Framework

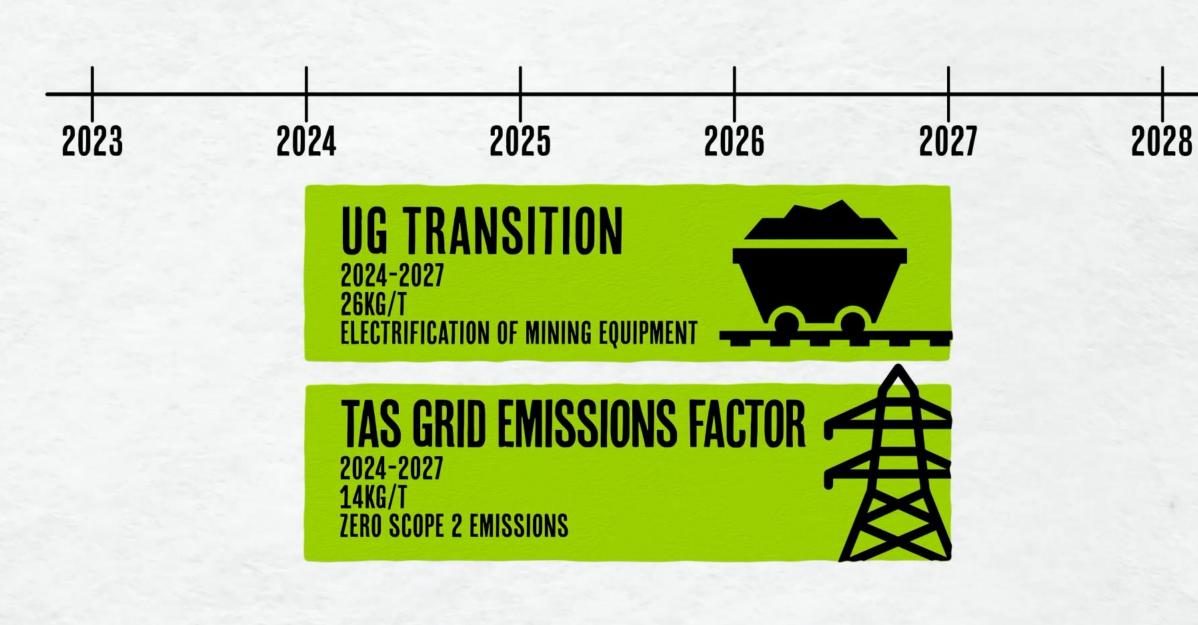


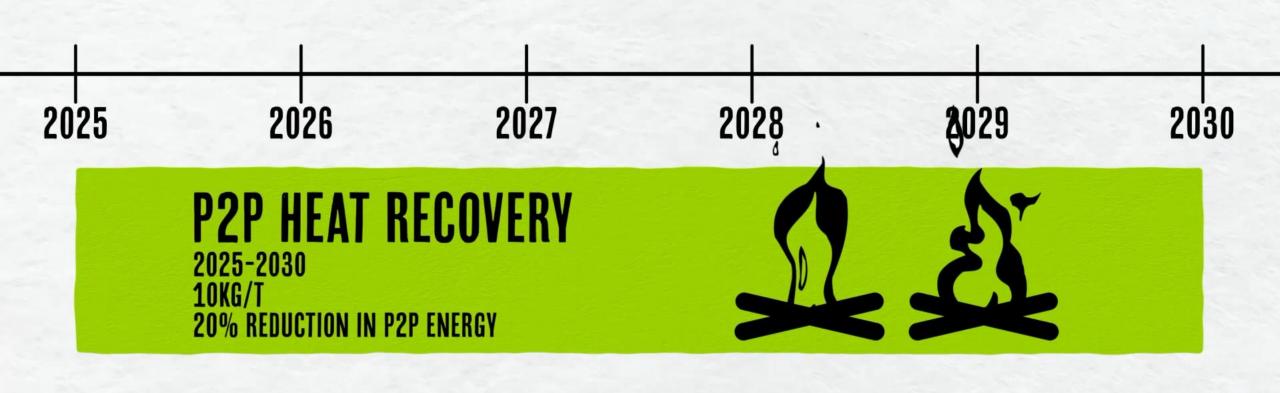


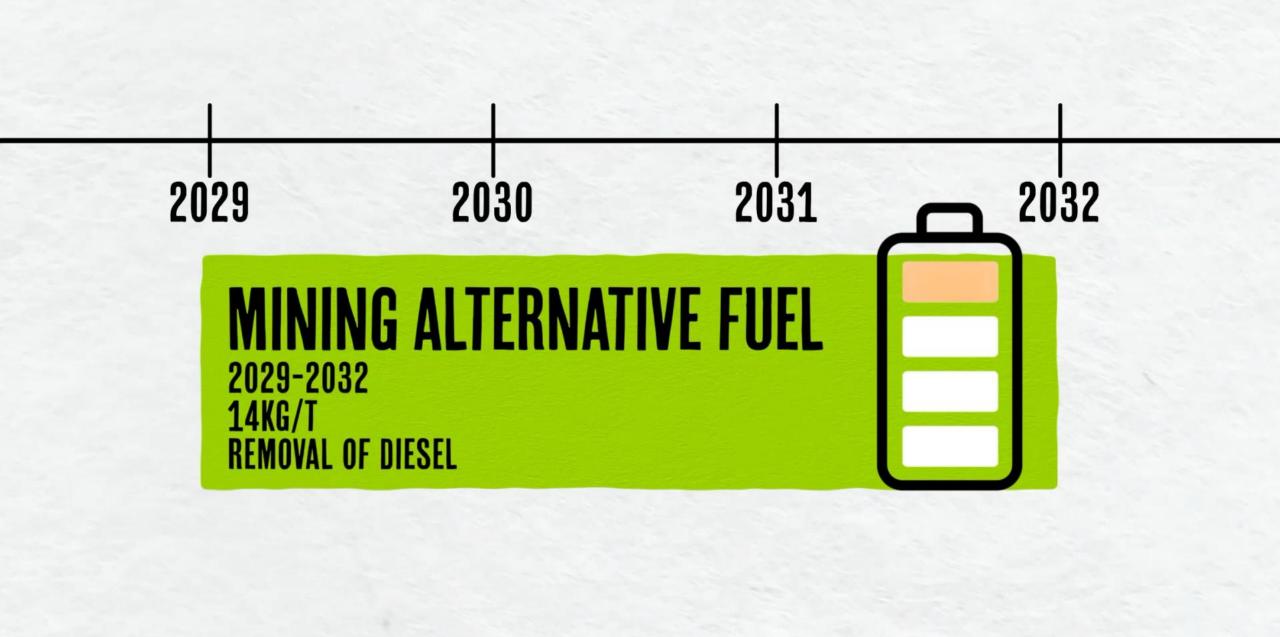
## CARBON REDUCTION TIMELINE

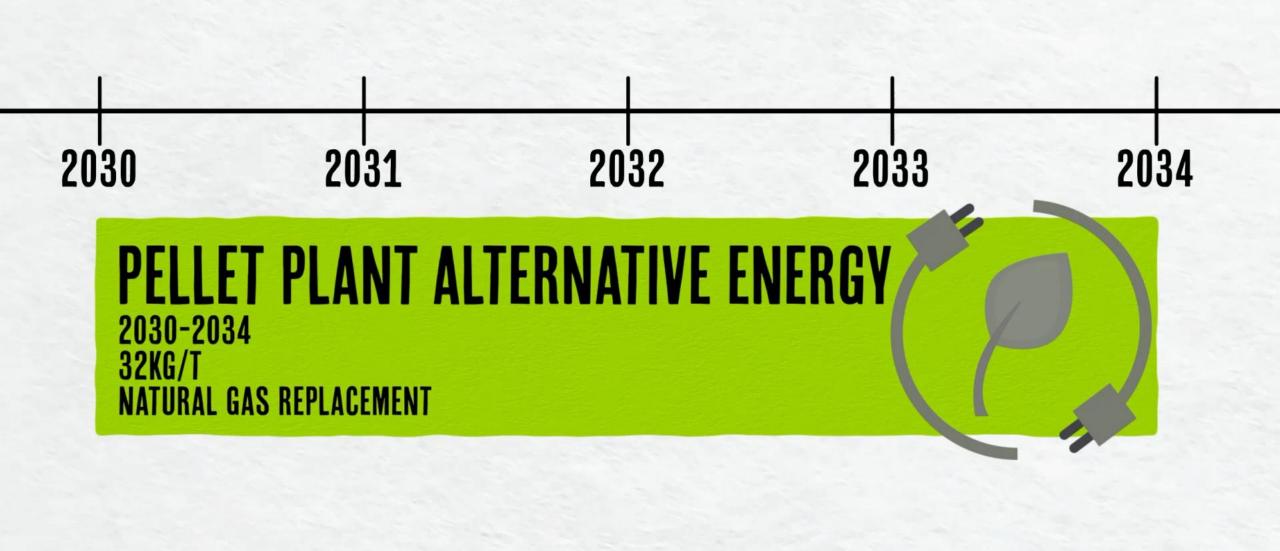


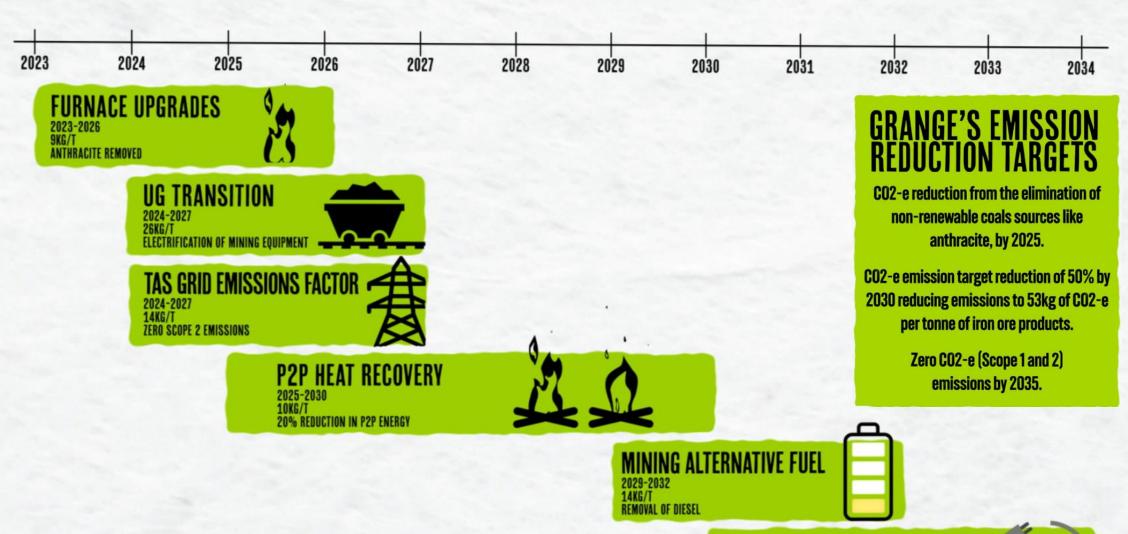












PELLET PLANT ALTERNATIVE ENERGY

2030-2034 32KG/T Natural gas replacement

## Strategic Plan Framework 2023

	Develop Sustainable LOMP	Integrate Innovation	Build Capacity & Capability	Develop Strategic Initiatives	Deliver ESG Goals
Context	<ul> <li>Underdevelopment of the east wall of North Pit has resulted in a large waste hurdle and an ore supply issue in 2025.</li> <li>Risk of high energy price and lower iron ore prices.</li> <li>Our process is supported by mature and valuable infrastructure and assets.</li> </ul>	<ul> <li>safety, efficiency and reducing cost.</li> <li>Innovation tools are integrated into the business through our MOS and we are building capability with our people and systems.</li> </ul>		<ul> <li>We have capacity and capability</li> <li>There are new markets developing to address changes in climate.</li> <li>Grange is well positioned to further develop existing assets and consider additional growth.</li> </ul>	<ul> <li>Grange is committed to supporting the prosperity of the communities in which we operate.</li> <li>We are aligning our business to the sustainable development goals that provide a roadmap to sustainability and resilience.</li> </ul>
Focus Areas	☐ Review integration of underground ☐ Investigate & apply new technology ☐ Build com		<ul> <li>□ Attract and retain</li> <li>□ Build communication of our brand</li> <li>□ Develop future capacity</li> </ul>	<ul> <li>Complete feasibility study for Southdown</li> <li>Develop an acceptable funding solution to enable execution of Southdown</li> <li>Monitor growth opportunities</li> </ul>	<ul> <li>□ Reduce emissions through process</li> <li>□ Improve energy efficiency</li> <li>□ Investigate heat recovery and energy reduction initiatives</li> <li>□ Continue to monitor the evolving green steel market</li> </ul>



## **Strategic Areas of Focus**

#### **Maximising Mineral Asset Value**

- Deliver ore from Centre Pit in 2023
- Continue investment in stripping in North Pit
- Complete the DFS for underground mining in North Pit
- Continue to develop projects to improve mining efficiency

#### **Strategic Review for Southdown Project**

- Definitive Feasibility Study phase is planned to be completed this year
- Maintaining good standing of leases and permits

#### **Optimising Capital Allocation**

 Innovative projects to grow enterprise value and invest in LOM projects





## **GRR Company Snapshot**

Capital Structure (A\$) – 30 Apr 2023

Ordinary Shares on issue	1,157m
Share Price	\$0.615
Market Capitalization	\$711.8m
Cash, cash equivalents & liquid investments	<b>\$283</b> m



## LOM Strategies — Maximising Mineral Assets

#### **North Pit**

- High quality, long life resources
- ~239MT @ 46%DTR
- Supporting long life operations

#### **Centre Pit**

- Modelling in progress to further develop ore
- ~119MT @ 48%DTR

#### South Deposit

- ~11MT @ 47%DTR
- Supporting LOM tailings infrastructure construction

#### **Long Plains**

- Developing resources of ~107MT @ 35%DTR
- Potential addition to mine life









## **Financial Performance**



## **December 2022 Financial Position - Consolidated**

Indicator	2022 AUD'000	2021 AUD'000	Difference AUD'000	Variance %	Comments
Current Assets	521,913	650,809	-128,896	-20%	
Non-current Assets	576,306	469,426	106,880	23%	↑ PP&E, ↑Deferred stripping asset
Total Assets	1,098,219	1,120,235	-22,016	-2%	
Current Liabilities	94,014	160,046	-66,032	-41%	↓ Income tax payable
Non-current Liabilities	100,079	88,970	11,109	12%	↑ Deferred tax liabilities
Total Liabilities	194,093	249,016	-54,923	-22%	No debt
Net Assets	904,126	871,219	32,907	4%	Dividends paid: \$138.90mil (12 cents/share) in 2022 \$162.00mil (14 cents/share) in 2021



## 2022 Performance

Indicator	Unit	2022 Actual	2021 Actual	Difference	Variance %	Comments
Concentrate	Tonnes '000	2,625	2,560	65	2%	↑North Pit Stage 6 yielded large stockpiles to support production in 2022 and 2023
Pellet	Tonnes '000	2,518	2,597	-79	-3%	↓Changes in ore chemistry and process resulting in lower production in 2nd half of 2022
C1 Cash Operating Costs	AUD/t	120.64	99.73	20.91	17%	†Increased energy costs offset by increased concentrate production and continued focus on cost management
Iron Ore Sales	Tonnes '000	2,568	2,615	-47	-2%	↓ Sales line balanced with production and management of lower pellet stockpiles
Average Realized Price of Iron Ore Products*	AUD/t	203.18	276.17	-72.99	-36%	↓ Weakening iron ore prices, due to tightening steel margins
Sales Revenue (Consolidated)*	AUD '000	521,839	722,282	-200,443	-38%	↓Decrease in iron ore prices and sales volume
Net Profit	AUD'000	171,735	321,615	-149,880	-87%	↓Decrease in profitability due to lower sales revenue and increased costs

<sup>\*</sup> FOB Price - includes freight costs on CFR shipments and final pricing settlements as per sales agreements. Pricing is typically finalised in one to three months after shipment month.



# Core Growth Projects Achievements & Strategies



## **NPUG Feasibility Study**

#### **Underground Feasibility Study**

- ✓ Demonstrated ore continuity at depth
- ✓ Potential 6 million tonne per annum production rate
- ✓ Underground mine life of more than 10 years, utilising underground caving methods.
- ✓ Potential for increase in mine life.
- ✓ In line with company ESG initiatives to investigate Green Pellet Production and reduce carbon emissions.
- ✓ Additional drilling to the North completed.
- ✓ Updated geotechnical and resource models.
- ☐ Mine design, extraction level layouts and production schedules in progress.

#### **Next Steps**

□ Definitive Feasibility Study in progress for completion in H2,2023



## Southdown project moving forward

#### **Southdown Magnetite Prefeasibility Study**

- ✓ Identifies a reduced-capital development option for the Southdown Magnetite Project
- ✓ Production rate of 5 million tonnes per annum of high-quality magnetite concentrate at 69.5 % Fe,
- ✓ The concentrator design utilises dry grinding technology to improve efficiency and reduce power and water demand.
- ✓ Early works are underway to confirm the potential of power supply via a transmission line in order to access significant renewable energy through a 3rd party provider.
- Studies indicate Cape size vessels can be loaded in King George Sound using transhipment methods.

#### **Next Steps**

- ☐ Definitive Feasibility Study nearing completion
- ☐ Work continues to seek revisions to current environmental approvals for the new aspects of the project.







## Our Strength & Strategy

#### Our key strengths:

- Experienced magnetite producer with a long-life project close to the Asian market
- Producer of a high-quality iron ore product (65%+ Fe) that receives a premium price
- Strong balance sheet
- Stable work force with minimal turnover

#### **Delivering into our Strategies:**

- Progressing our operations to ESG Goals.
- Developing and optimising LOMP
- Optimising capital allocation plan
- Diversifying the sales markets outside of China
- Improving communications / relations with all shareholders





## **Primary Contact**

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#### Notes:

- A lower cut-off grade of 15% DTR was used in the calculation of both the Mineral Resources and Ore Reserves
- For details of Resources and Reserves, refer ASX announcement 31-Mar-2023



