

Gruyere JV



Gruyere Gold Mine

Karl Stokes – General Manager

Forward Looking Statements



Certain statements in this document constitute “forward looking statements” within the meaning of Section 27A of the US Securities Act of 1933 and Section 21E of the US Securities Exchange Act of 1934.

In particular, the forward-looking statements in this document include among others those relating to environmental, social and governance (ESG)-related initiatives and metrics including Scope 1-2 emissions, water recycled/reused and host community value. Such forward looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of the company to be materially different from the future results, performance or achievements expressed or implied by such forward looking statements. Such risks, uncertainties and other important factors include among others: economic, business and political conditions in the countries where Gold Fields operates; decreases in the market price of gold and, to a lesser extent, copper and silver; hazards associated with underground and surface gold mining; labour disruptions; changes in government regulations, particularly taxation and environmental regulations; and new legislation affecting mining and mineral rights; changes in exchange rates; currency devaluations; the availability and cost of raw and finished materials; the cost of energy and water; the impacts of climate change, water scarcity or natural disasters; inflation and other macro-economic factors; and the impact of occupational health risks experienced by Gold Fields employees.

Further details of potential risks and uncertainties affecting Gold Fields are described in Gold Fields' filings with the Johannesburg Stock Exchange and the United States Securities and Exchange Commission, including the Integrated Annual Report 2020 and the annual report on Form 20-F for the fiscal year ended 31 December 2020. Gold Fields undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date of this report or to reflect the occurrence of unanticipated events.

Introducing the team



Zoe Green
Lead: OHS



Rochelle Snell
Lead: People and
Engagement



Luc Cottee
Lead: Environment



Paul Conversi
Superintendent: Business
Improvement



Alexandra de Paiva
Lead: Commercial



Karl Stokes
General Manager



Marco Tassone
Manager: Geology



Paul Willems
Manager: Mining



Paul Miskell
Manager: Processing



Ken Stringer
Unit Manager: Engineering



Godfried Janssen
Unit Manager: Maintenance

Gruyere – Simple, low-cost mining delivering long term value

- Simple processing - SABC and gravity - CIL plant - built for purpose
- Long life asset – Life of Mine 10+ years with reserve growth potential
- Large open pit with low strip ratio
- Consistent grade - >9,200 oz per vertical metre



Welcome to the Gruyere Gold Mine

50:50 Joint Venture between Gold Fields and Gold Road Resources



2013

Gold Road discovery of Gruyere

2016

Joint venture signed with Gold Fields

2019

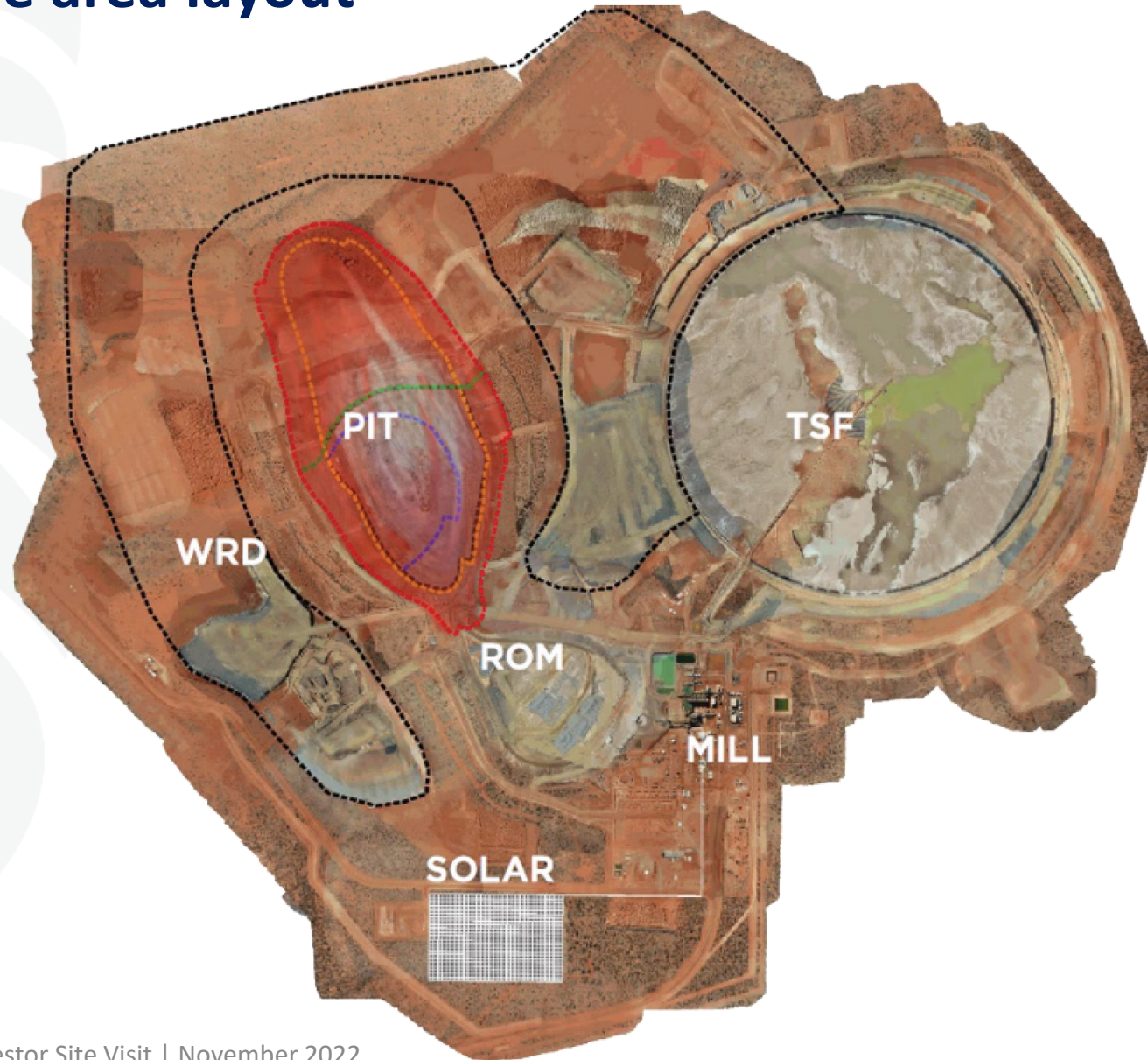
First Gold

2020

First calendar year of production



Gruyere mine area layout



Legend

Pit designs

- Stage 5
- Stage 4
- Stage 3
- Stage 2
- Stage 1
- Waste Dump Outline

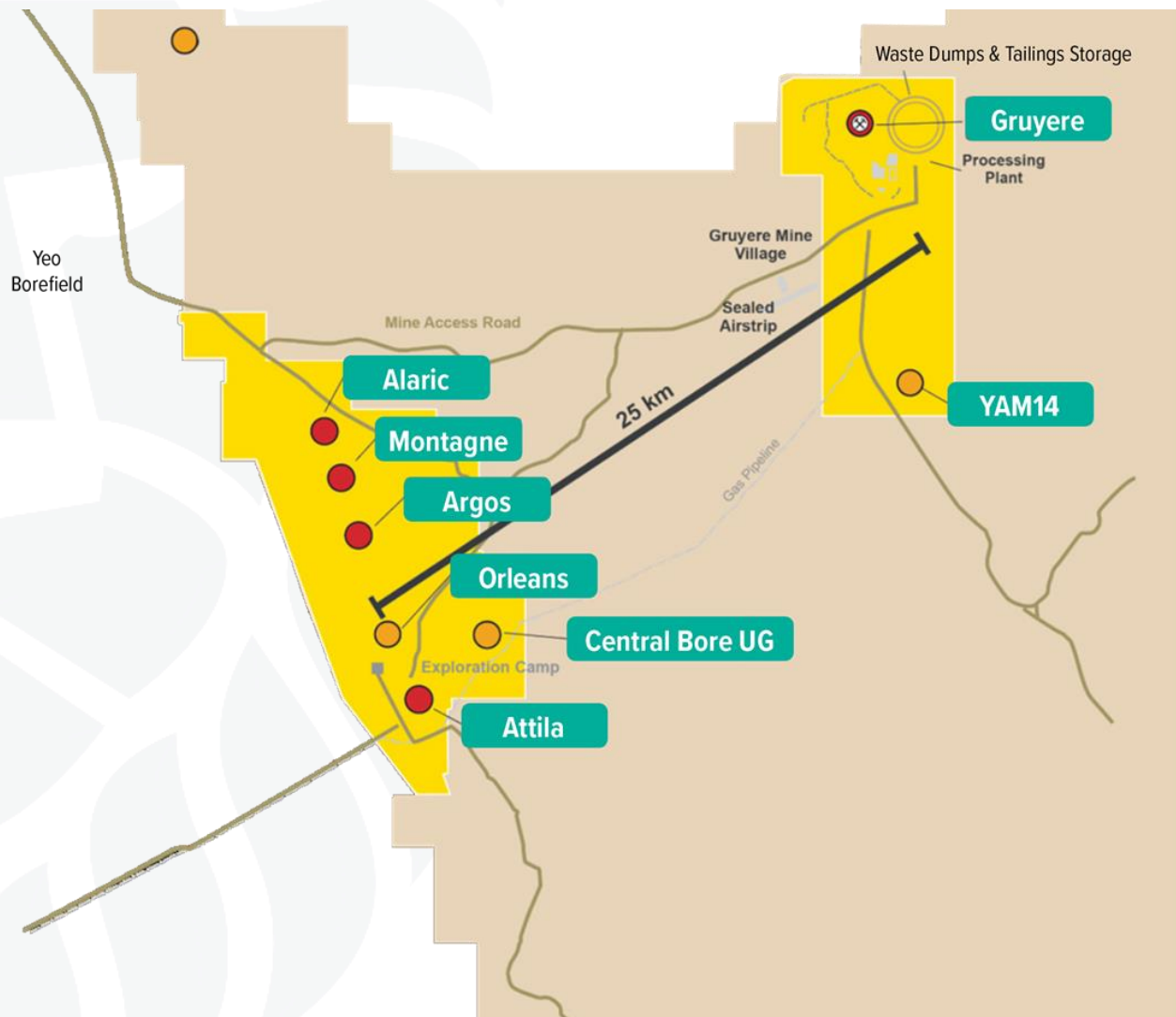
0 0.5 1 km

Maximising the potential of our assets

Simple, low-cost mining delivering long term value

- *Production:* Strong year on year production growth of **33%**, Gruyere remains on track to achieve 2022 guidance of 165,000oz (50%) (2021 – 128,300oz)
- *Processing:* Feasibility study of 7.5Mtpa – Strategic selection of SAG and ball mill during construction to support increased mill throughput of ~10Mtpa – progressive optimisation includes third pebble crusher in 2023 to deal with higher wear rates of fresh ore
- *Costs:* One of the lowest cost producers in WA:
 - FY 2021: A\$1,541 (US\$1,158/oz)
 - FY 2022 guidance: ~A\$1,410/oz (US\$990/oz)
- *Financial:* 2021 Adjusted pre-tax free cash flow (50%) of A\$79m (US\$60m)
- *Growth:* Further reserve and resource potential at both Gruyere and Golden Highway
- *Safety:* Continued emphasis on safe production and strong contractor engagement delivering an industry-leading TRIFR of 3.3 (12MMA)
- *ESG:* 13MW solar farm commissioned, driving reductions in emissions and energy costs

Gruyere deposits



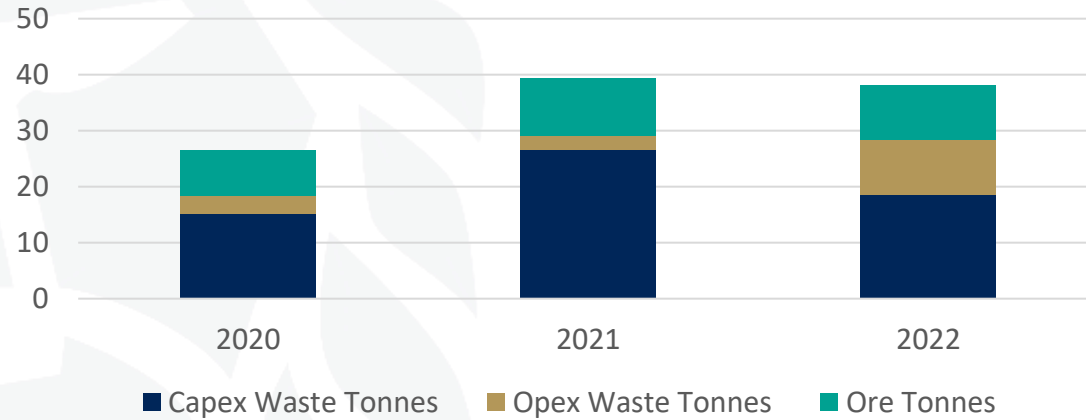
- ▮ Gruyere JV 180 km²
- (MR) Mineral Resources
- (OR) Ore Reserves
- ⊗ Operating Gold Mine



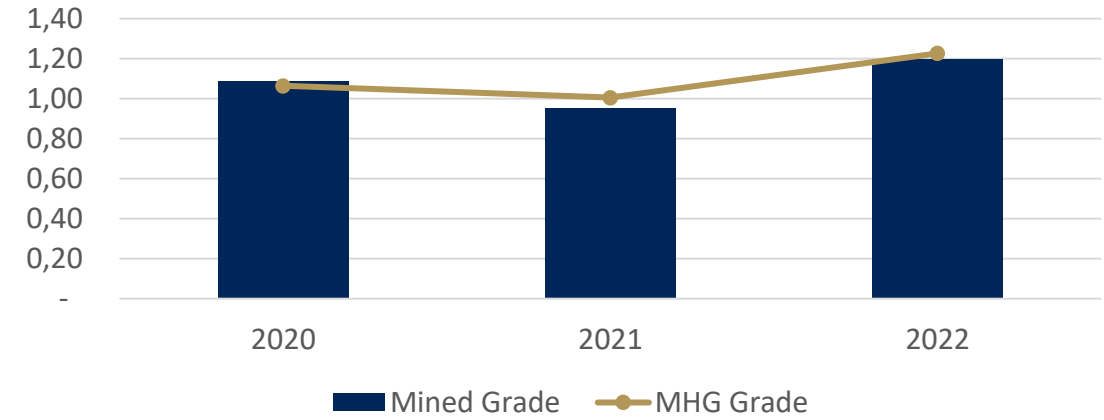
Strong year on year production growth

Key production metrics (100%) (including 2022 guidance)

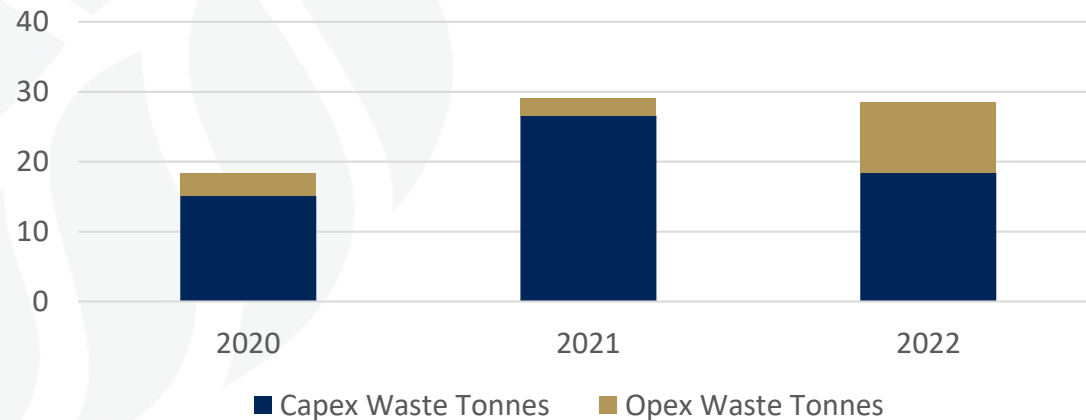
Total Tonnes Mined (Mt)



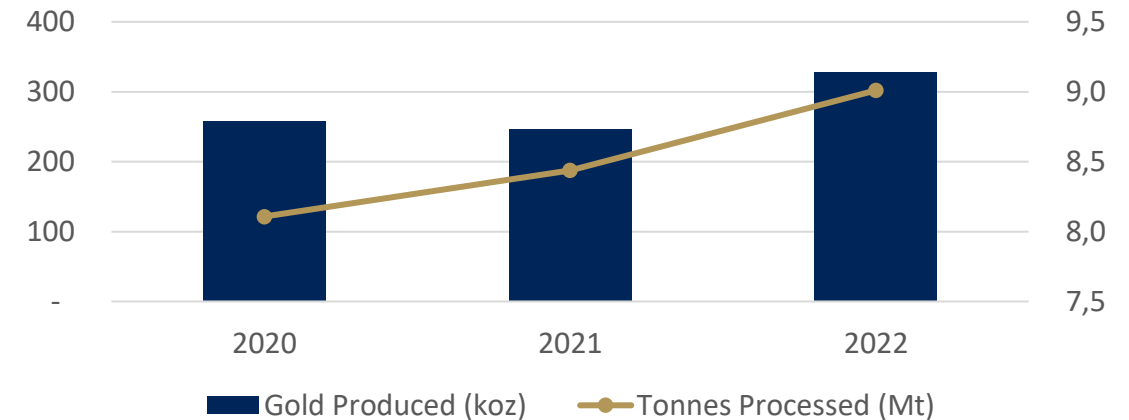
Grade Mined vs MHG (g/t)



Total Strip (Mt)



Gold Produced (koz)



Gruyere mine plan – staged delivery over 10+ years

Stage 2 CY 2021 – 2024

Waste (Mt)	5.2
Ore (Mt)	12.4
Grade (g/t)	1.15
Contained Au (Moz)	0.5
Strip Ratio (W:O)	0.4

Stage 3 CY 2021 – 2023

Waste (Mt)	25.9
Ore (Mt)	9.0
Grade (g/t)	1.36
Contained Au (Moz)	0.4
Strip Ratio (W:O)	2.9

Stage 4 CY 2022 – 2025

Waste (Mt)	52.9
Ore (Mt)	13.0
Grade (g/t)	1.39
Contained Au (Moz)	0.6
Strip Ratio (W:O)	4.1

Stage 5 CY 2023 – 2027

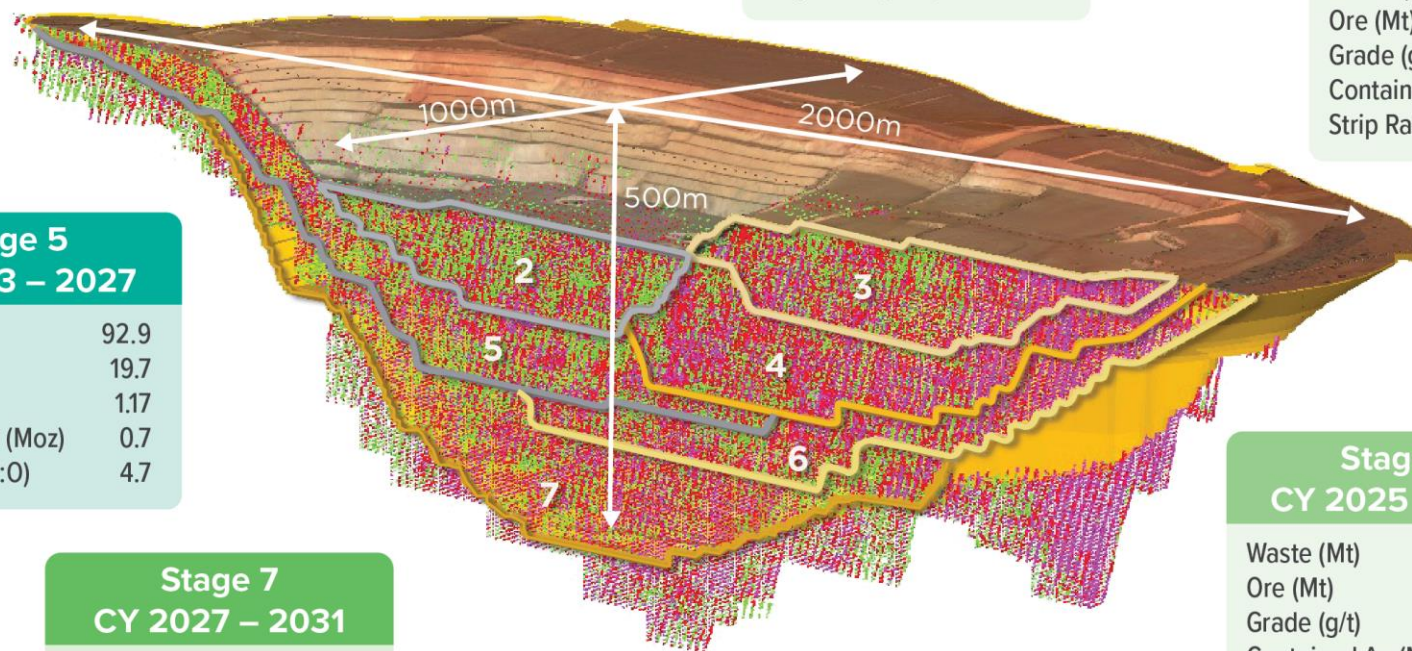
Waste (Mt)	92.9
Ore (Mt)	19.7
Grade (g/t)	1.17
Contained Au (Moz)	0.7
Strip Ratio (W:O)	4.7

Stage 7 CY 2027 – 2031

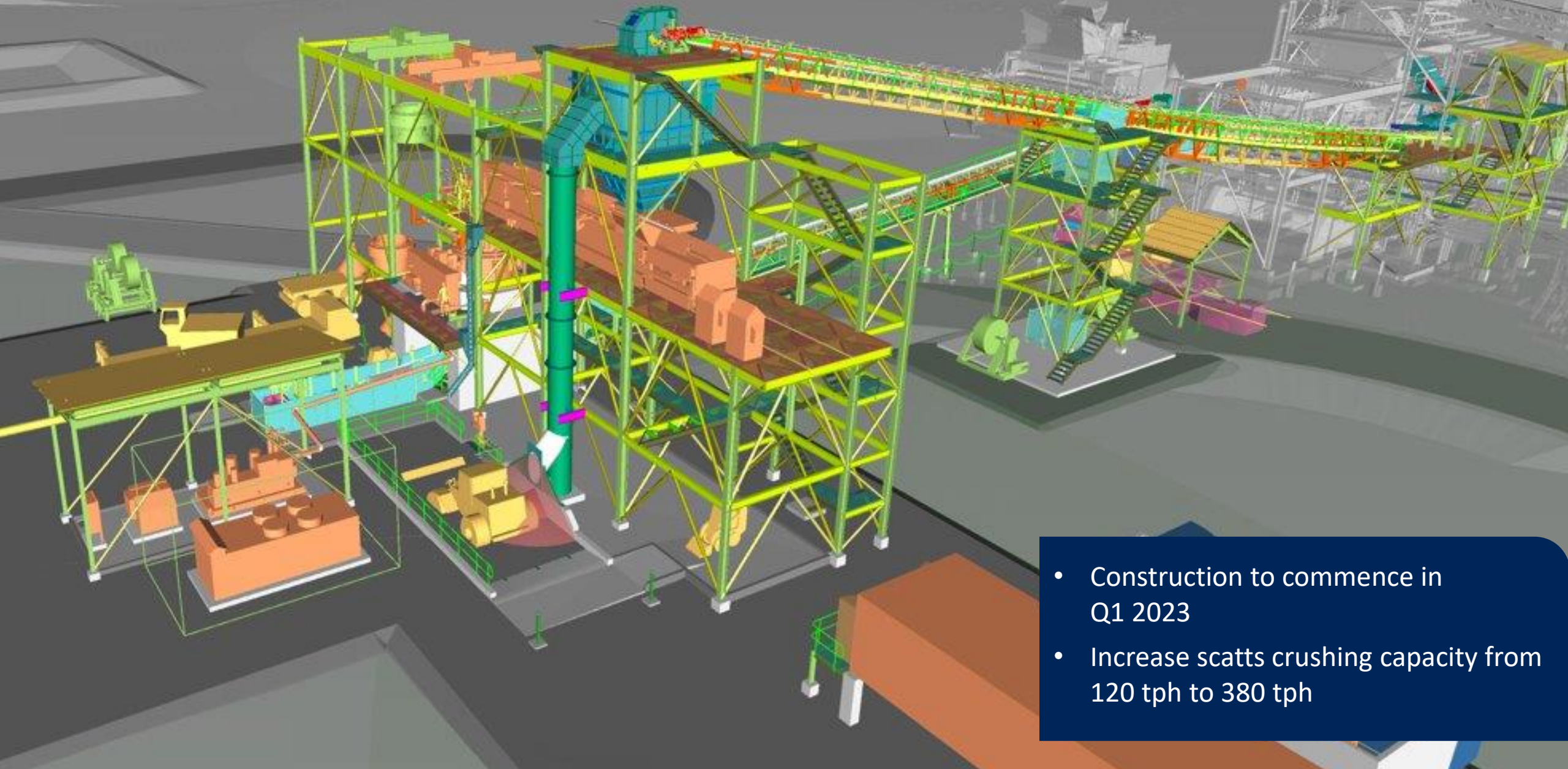
Waste (Mt)	109.2
Ore (Mt)	29.6
Grade (g/t)	1.32
Contained Au (Moz)	1.30
Strip Ratio (W:O)	3.7

Stage 6 CY 2025 – 2030

Waste (Mt)	105.2
Ore (Mt)	15.4
Grade (g/t)	1.44
Contained Au (Moz)	0.7
Strip Ratio (W:O)	6.8



Pebble Crusher Project

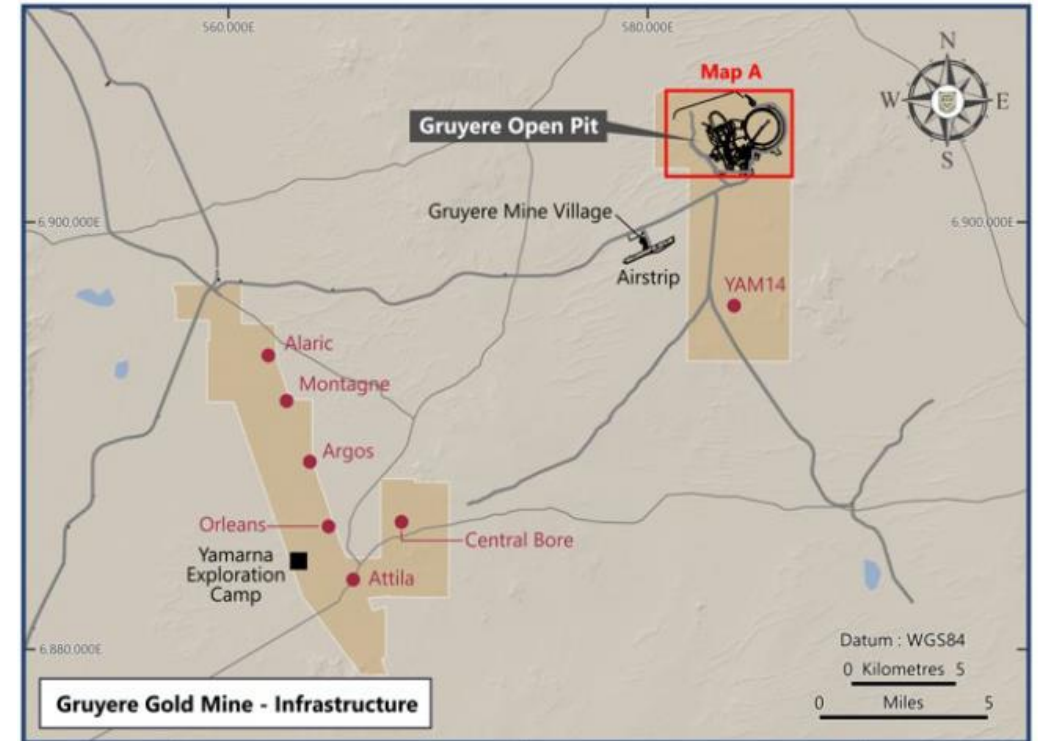
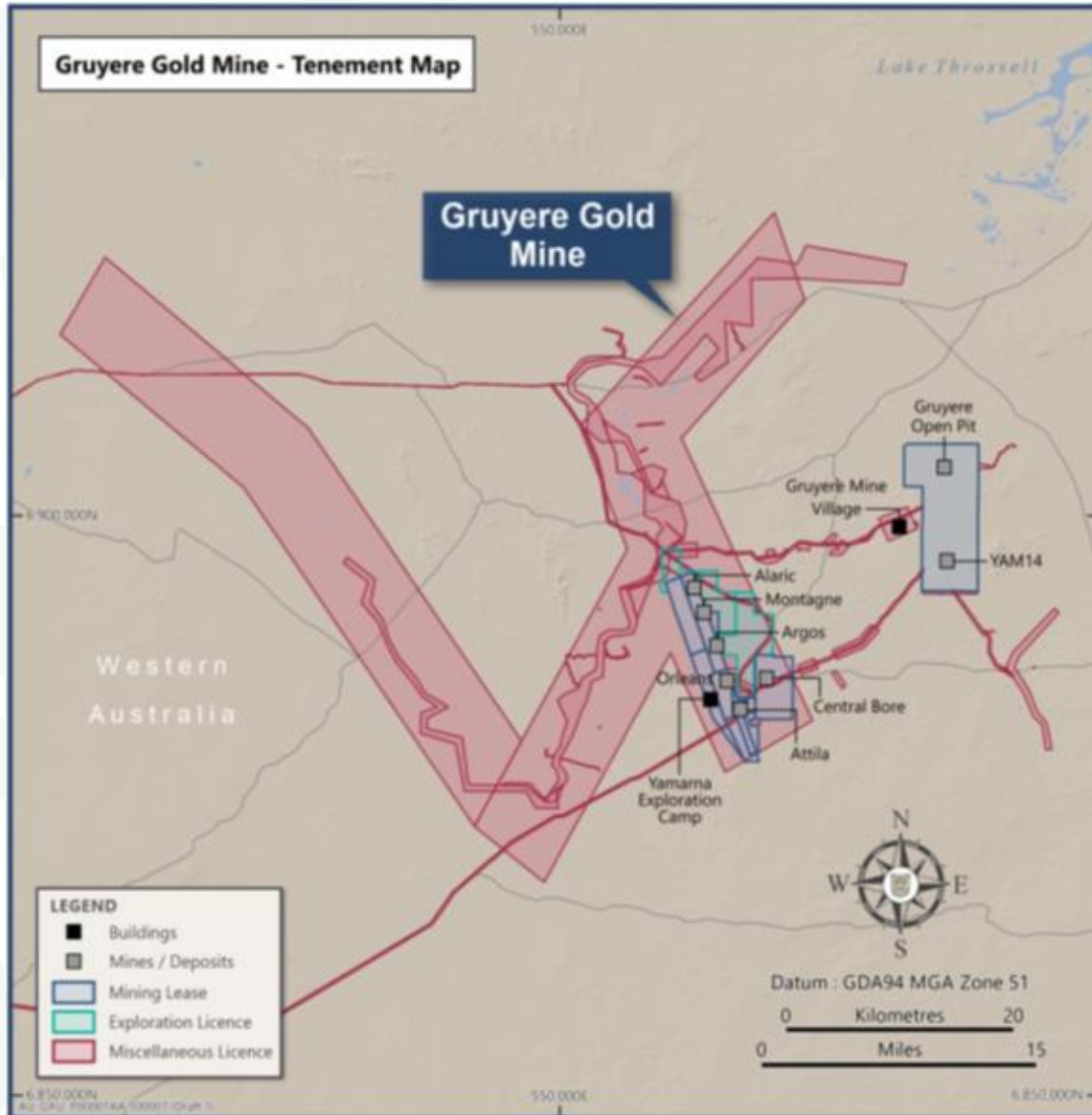


- Construction to commence in Q1 2023
- Increase scatts crushing capacity from 120 tph to 380 tph

Growing the value and quality of our portfolio

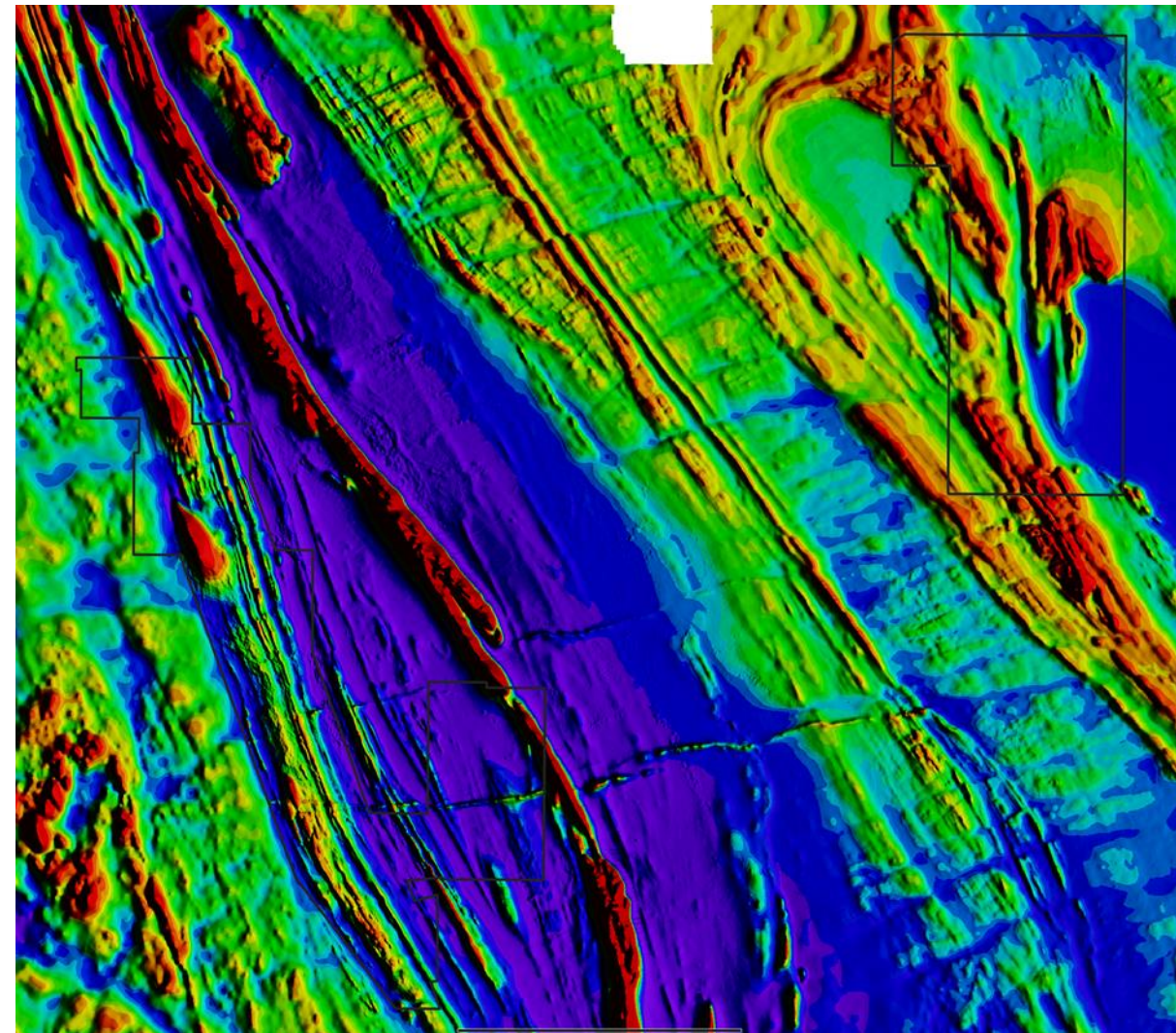
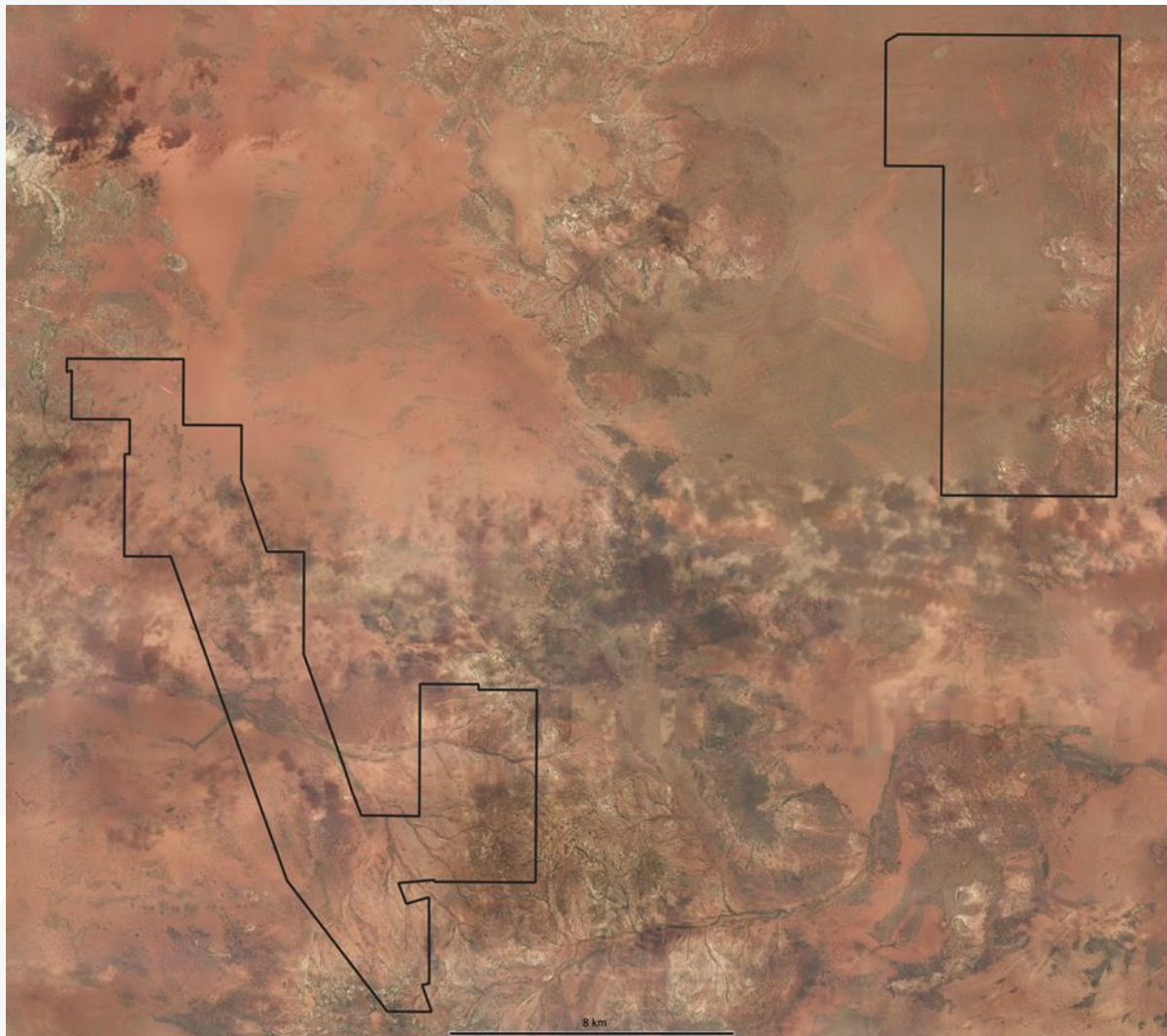
Growing the value and quality of our portfolio

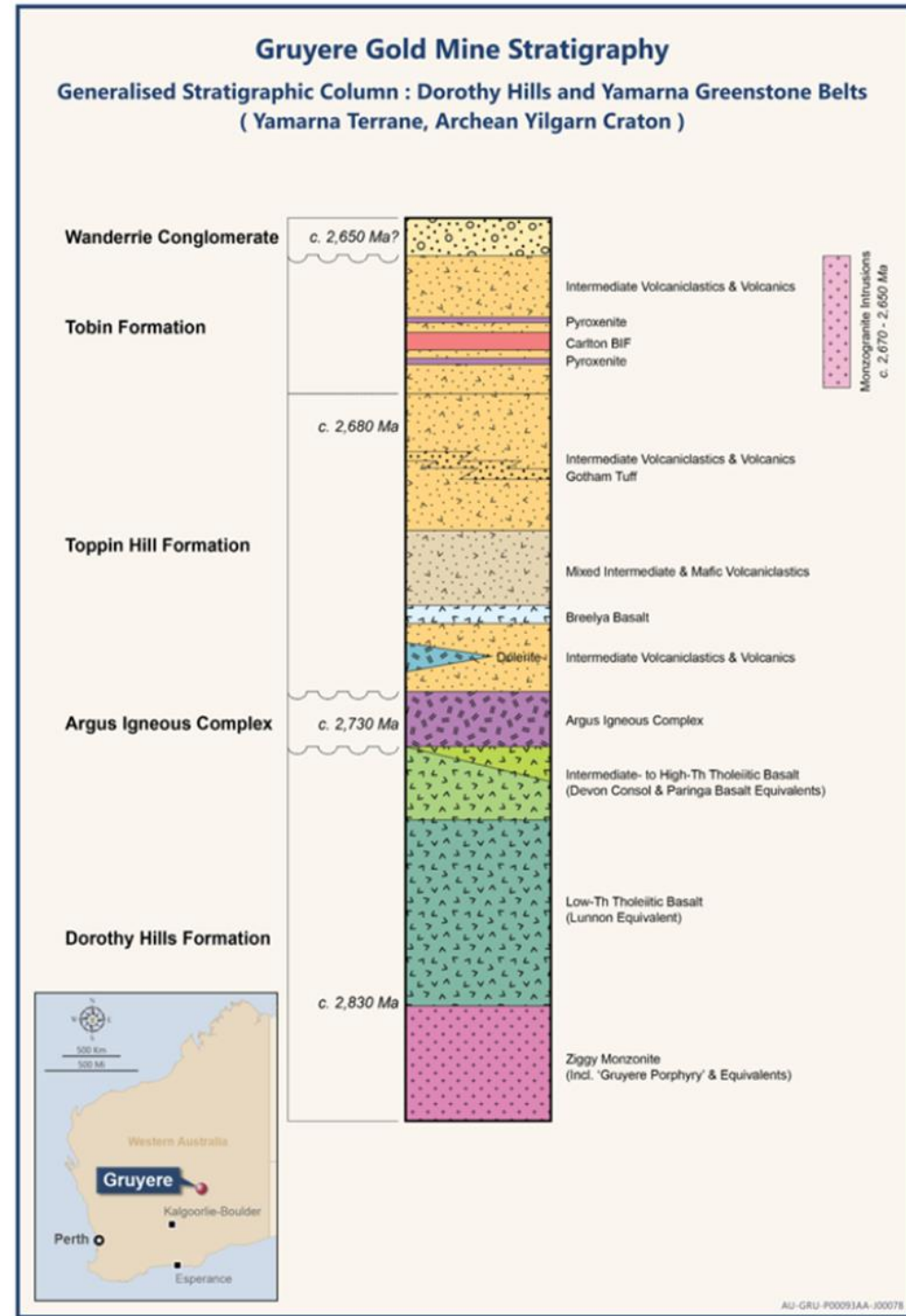
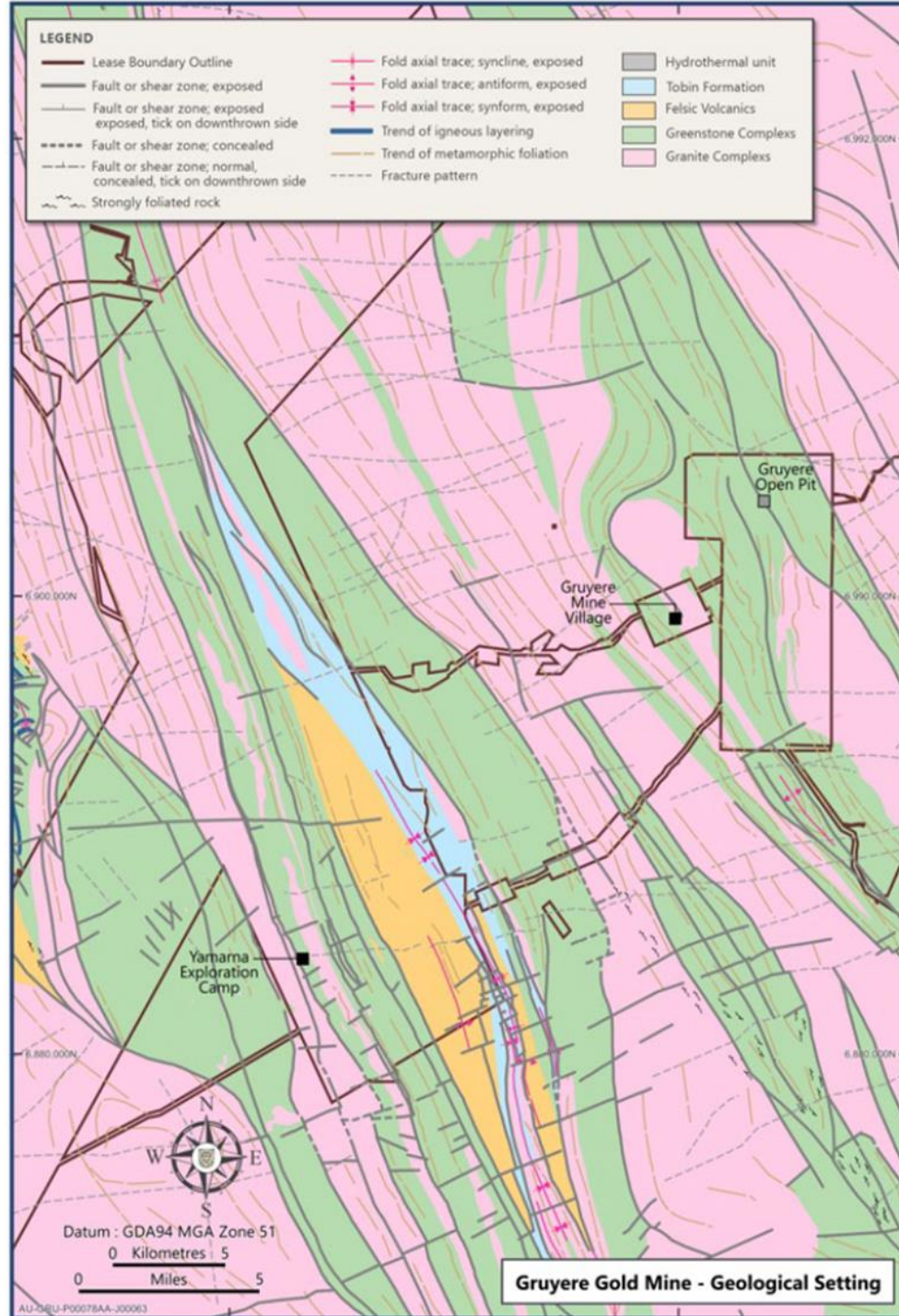
Gruyere JV



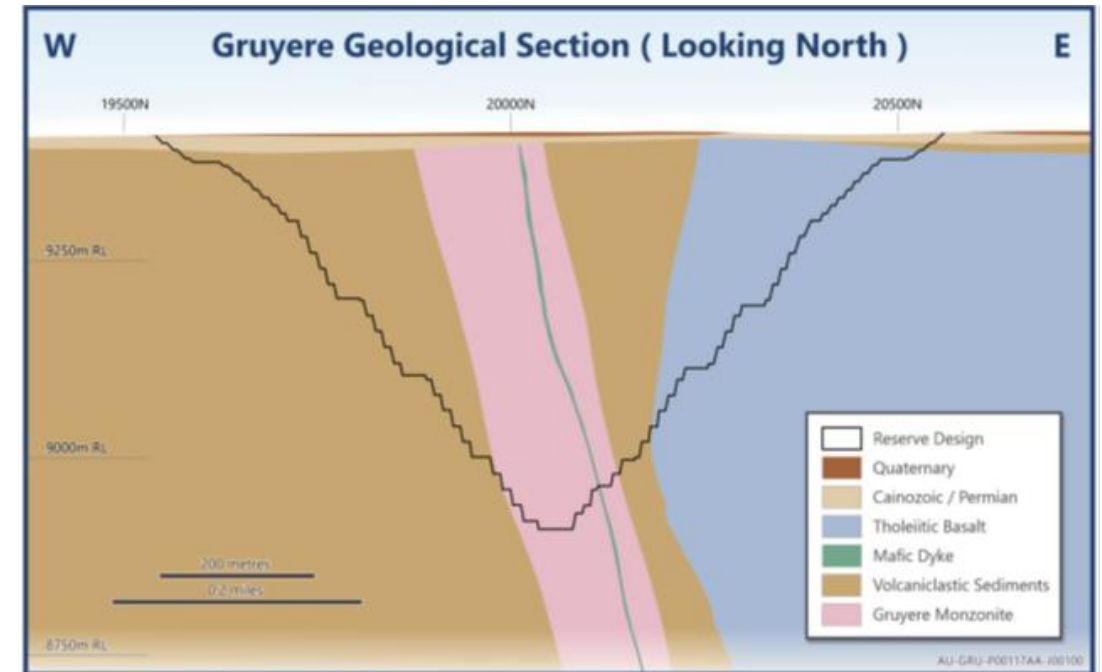
Landholding – 138,893ha
2022 exploration spend +/- A\$5m/pa (100%)

Growing the value and quality of our portfolio





Growing the value and quality of our portfolio



Building on our leading commitment to ESG

Decarbonisation

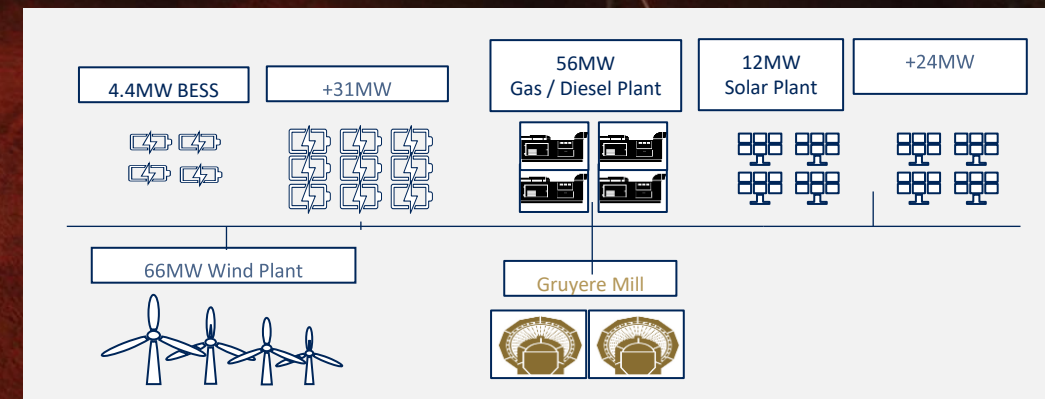
Renewable Energy Microgrid Expansion

- 13MW solar photovoltaic array
- 4.4MW BESS
- 4MW gas generation

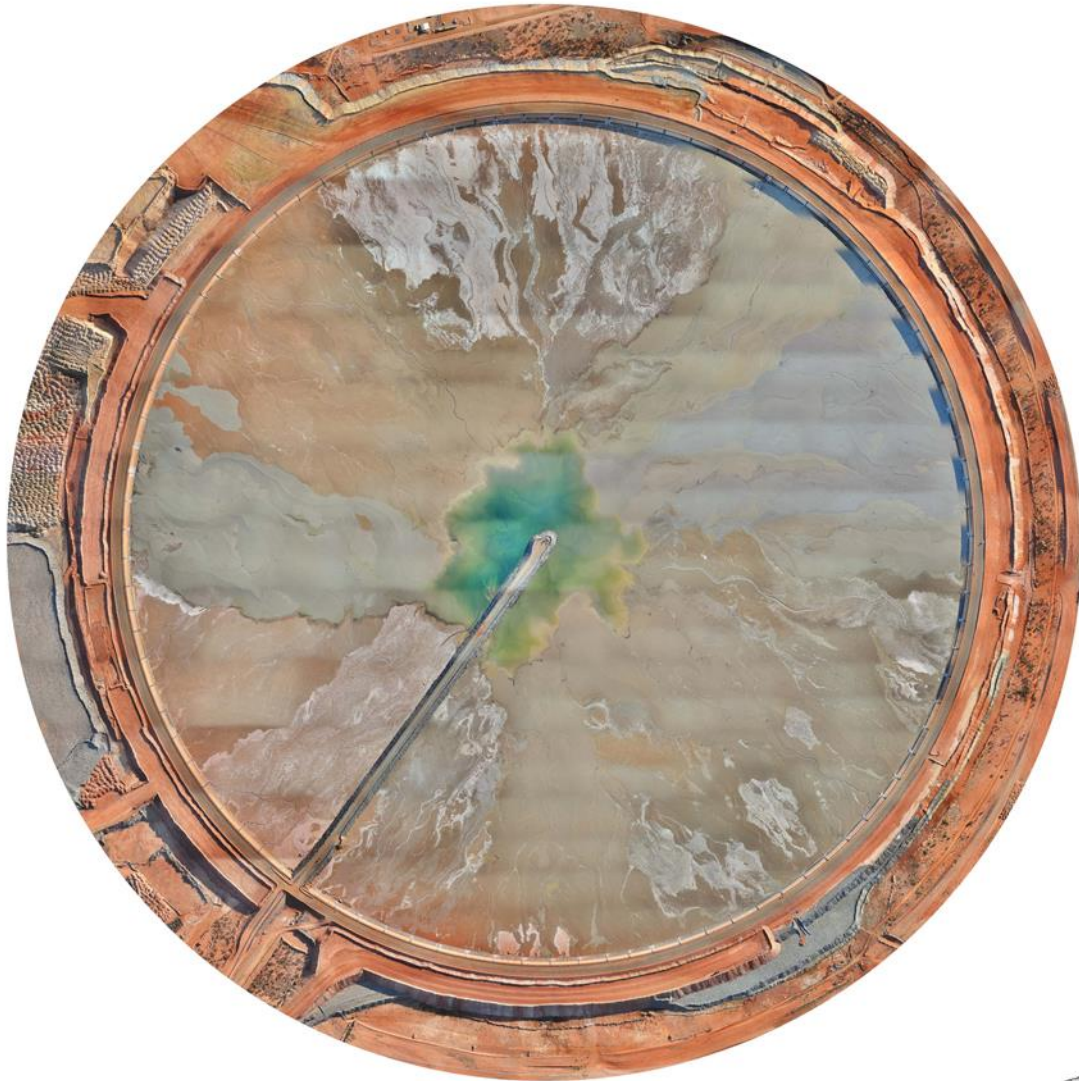
Reduction of GHG by 16,000 tCO₂-e pa

Gruyere 60% Renewables Prefeasibility Study

- Prefeasibility study to increase renewable energy to 60% at Gruyere has been approved and is progressing.
- 60% renewable energy fraction will enable Gruyere to achieve a 30% net emissions reduction by 2030 (when including fleet emissions).
- Supports Gold Fields' ESG Target Priority 1: Decarbonisation of a 30% net emissions reduction from 2016 baseline (Scope 1 and 2)

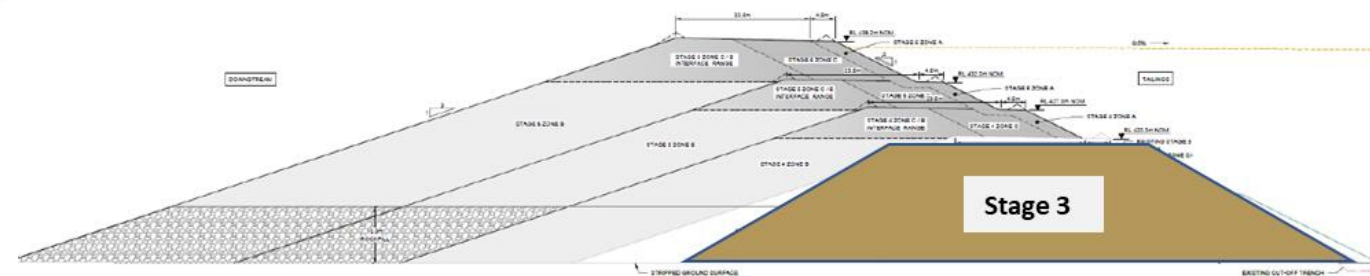


Tailings Management



Key information

- Integrated waste landform – **downstream** constructed by mining contractor (waste landforms) and civil contractor (for civil portion of embankment)
- Stage 3 – 23 m high
- Stage 4 construction (+5m) - Q2 2023
- Stage 6 – approved capacity to 2033



Safe production at Gruyere



- TRIFR reduced to 3.3
- LTIF running at 0.0

Commitment to mental health & wellbeing



- Expanding the Gruyere village with 96 additional ensuite rooms and a function centre
- Providing a comfortable camp experience with higher quality catering, expanded village facilities
- Enhancing camp security and engagement with hardware and software solutions
- Sharing the Respectful Behaviours program to promote a positive culture

Community Engagement

- Key relationship with the Yilka People
- Focus on Cosmo Newberry community – health and education support
- Growing understanding through cultural competency training and experiences



Gruyere JV



THANK YOU
Questions?