

# UNLOCKING THE POTENTIAL

A treatise on Greenfields Exploration and Gold Road's Success Diggers and Dealers Mining Forum – Kalgoorlie, 9 August 2017

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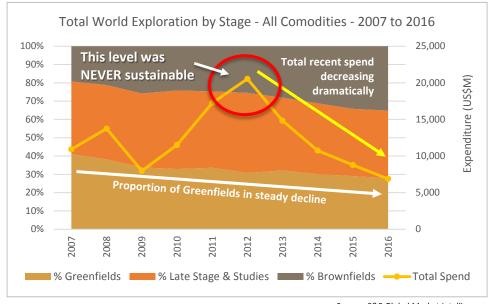
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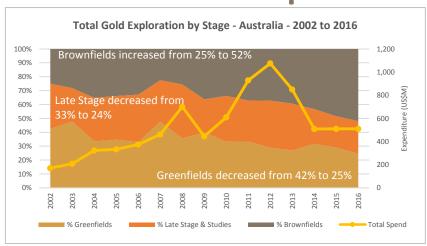
#### Global Exploration is in a 5 year decline

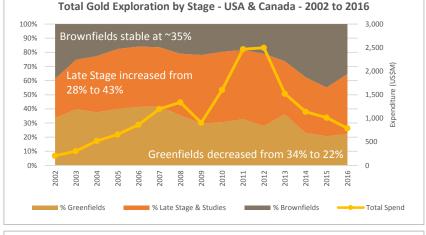
- Exploration has reduced in all sectors
- Steady Greenfields reduction over 10 years
- Dramatic decline over last 5 years
- Since 2012:
  - US\$13B pa reduction in Global exploration
  - o Back to 2009 levels of spend
  - o \$US4.4B pa (70%) reduction in Greenfields spend
- New Discoveries decline commensurately
- New investment opportunities decrease



Source: S&P Global Market Intelligence

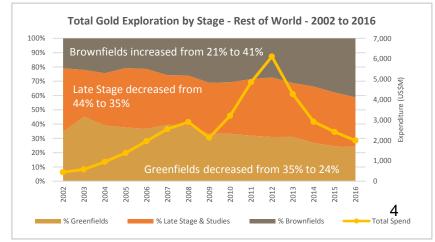
#### **Greenfields Gold Exploration is in decline**





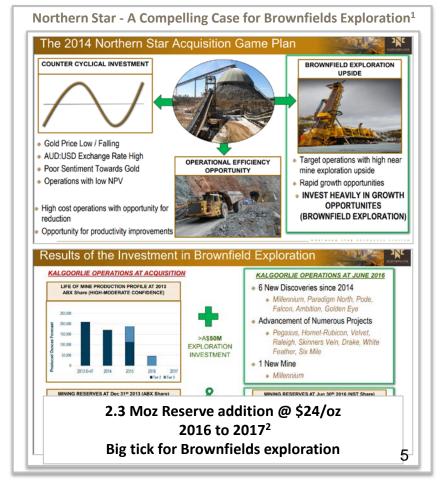
- Gold Exploration funds flowing into Brownfields
- Australian Greenfields decrease US\$185M pa last 4 years
- Only two world class Australian gold discoveries in the last 10 years:

Tropicana (>8 Moz) and Gruyere (>6 Moz)



#### **Brownfields Exploration is great... but.....**

- Brownfields exploration focus increasing.....
  - .. now 50% of Australian Gold Exploration
- More surety of "discovery" and value-add
- Some companies are excelling in this space
  - E.g. Northern Star, Dacian, Saracen, Gold Fields
- BUT there are Alternate Facts
  - All mines have a FINITE life none go on for ever
  - o There are a FINITE number of known deposits
  - There may be an INFINITE number of unknown
- Sustainability requires new mine discoveries
- Australia remains ripe for Greenfields discoveries



 $<sup>^{\</sup>rm 1}\,\text{Source}$ : Northern Star Diggers and Dealers Investor Site Visit, August 2016

<sup>&</sup>lt;sup>2</sup> Source: Northern Star Diggers and Dealers Forum Presentation, August 2017

#### Why target Australia for Greenfields Exploration?

- Its Australia mate!!! Low risk jurisdiction with world class industry
- In particular, Western Australia is ranked a top 3 mining jurisdiction
- Australia still has world class discovery potential in multi commodities
- Australia remains poorly tested under <u>shallow</u> cover not always deep
- Australia has large regions that remain untested
- Australia has the skills, technology, expertise to make discoveries
- When we find it we know how to mine it focus on quality mining
- Success it yields High Reward 10 and 20 baggers
- How can we minimise risk to re-invigorate Greenfields Exploration?



#### **Loading the Dice for Greenfields Success**

- Companies must be comfortable with the "risk"
- Engage good geologists track record of discovery
- Encourage and embrace diversity and creativity
- Send your young geos to NewGenGold Conference!!
- Intelligent and Strategic Area Selection
  - Challenge the notion of what is tested
  - Challenge the notion of what is "under cover"
- Smart Targeting and disciplined programmes
- Innovation Australia's research units and Surveys
- Invest directly or indirectly many options
  - We are seeing an increase in creative investments
- Deals don't have to be Win-Lose, look for Win-Win

# We are Gold Road A Greenfields Explorer & Developer



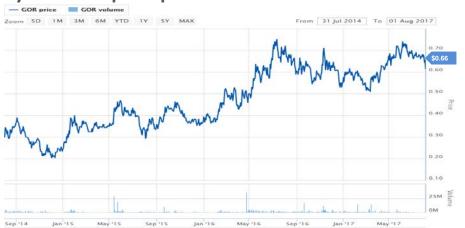
#### Who are Gold Road Resources?

- Greenfields Explorer who discovered the World Class Greenfields Gruyere Gold Deposit
- From RAB drilling Discovery of 6.2 Moz deposit to a 3.5 Moz BFS and Reserve in 3 years
- Gruyere discovered at <\$10 per ounce of Reserve (\$27 Million for 3.5 Moz) Beat that!!!
- Monetised discovery immediately in a \$350M Joint Venture with Gold Fields for 50% of Project
- Gruyere JV to be Australia's largest new gold mine 3.5 Moz Reserve over 13 year life
- We are fully funded for Development and a \$30M pa Greenfields Exploration Programme

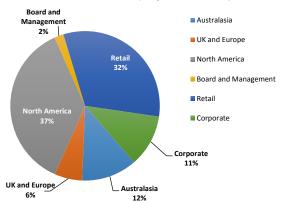


#### **Corporate Summary**

3 year share price performance



#### Shareholder Base (Top 20 = 60%)



#### Substantial Shareholders:

- Gold Fields Ltd 10%
- Sun Vallev Gold ~10%
- Mason Hill/Equinox ~7%
- Van Eck ~5%
- 1832 Asset Management ~4%

#### Research:

- Argonaut
- Bell Potter
- Bell Potter
- RBC Capital
- Morgan Stanley
- Macquarie
- Canaccord
- Haywood Securities
- Baillieu Holst
- Fat Prophets

#### **Gold Road Board**

Tim Netscher	Non-Executive Chairman
lan Murray	Managing Director & CEO
Justin Osborne	Executive Director – Exploration & Growth
Sharon Warburton	Non-Executive Director
Brian Levet	Non-Executive Director
Hayden Bartrop	Joint Company Secretary

Joint Company Secretary

#### **Capital Structure**

Carol Marinkovich

	A\$	US\$
Issued Shares	872M <sup>1</sup>	
Performance Rights	6.0M <sup>1</sup>	
Unlisted Options	$3.5 M^1$	
Market Cap	\$576M <sup>2</sup>	\$458M <sup>3</sup>
Cash & Equivalents	\$254M <sup>1,4</sup>	\$202M <sup>3</sup>

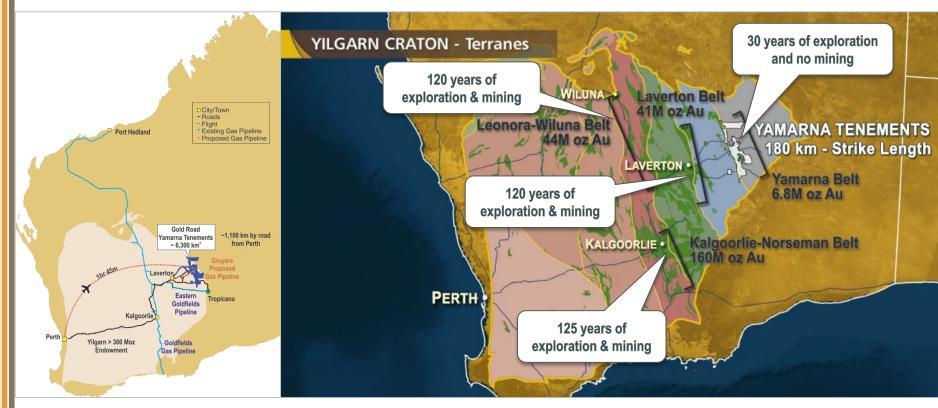
<sup>&</sup>lt;sup>1</sup> As at 30 June 2017

<sup>&</sup>lt;sup>2</sup> As at 1 August 2017, based on last close price of A\$0.66 per share <sup>3</sup> Based on an exchange rate as 1 August 2017 of A\$1.00:US\$0.795

<sup>10</sup> 

<sup>&</sup>lt;sup>4</sup> As at 30 June 2017, the Company had A\$310.7 million in cash, term deposits and current receivables

#### Yamarna – Realising a World Class Gold Endowment



- Our project tenements owned 100% and in JV cover an entire Yilgarn Greenstone Belt
- After 12 years of modern exploration Yamarna remains an immature exploration district

## **Gruyere Joint Venture**

- Gold Road & Gold Fields 50:50 JV
- Gold Fields managing construction and operations
- Joint Steering and Management committees



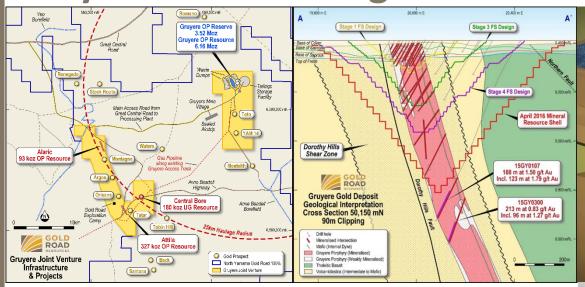


"Unlocking The Potential"

"Our vision is to be the global leader in sustainable gold mining"



#### Gruyere JV – Building a World Class Gold Mine



- 13 year mine life, 270 koz pa at A\$945/oz AISC
- Total Capex A\$532M in line with Feasibility Study
- FS Design 7.5 Mtpa secured 8.5 Mtpa SAG & Ball mills
- Operating efficiencies added to design post FS
- Gold Road fully funded to production zero debt



## **Gruyere JV – Construction on schedule**



Minister for Mines, Hon Bill Johnston, opening Gruyere Mine Village – 2 August 2017 648 room camp ready to go











#### **Greenfields Exploration is Our Future**

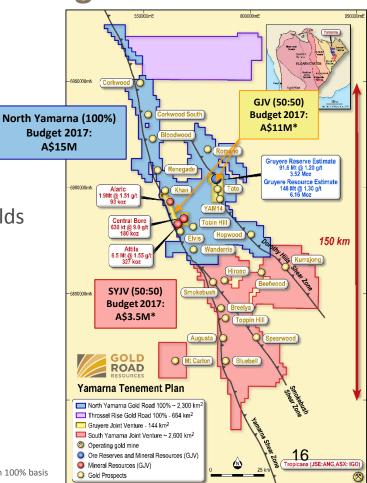
- ~ 6,000 km² Yamarna Tenements
- Fully funded Greenfields exploration programme
- Accelerating Yamarna exploration
- 100% North Yamarna our main focus
- Managing 2 x JV Projects with Gold Majors
- Focus is on discovery of standalone deposits
- Follow-up three years of Regional testing
- Over 100 targets identified and ranked



Yamarna Exploration Camp – January 2017 Infrastructure enabling efficient exploration

#### Yamarna – A \$30M commitment to being Green

- Yamarna remains an immature exploration district
- Strategy to discover and develop world class gold mines
- Australia's largest Greenfields gold exploration project
- 3 Exploration Project Areas
- Planned total spend of \$30 million for 2017 all Greenfields
- Mix of reconnaissance to resource drilling programmes
- Planned 280,000 metres drilling for 2017
- Keeping our drillers busy past and present
  - Thanks to DDH1, Ranger, Raglan and Terra over the past years



#### The challenges of exploring Yamarna



- Massive 6,000 km<sup>2</sup> tenement holding
- Remote location
  - 1,200 km from Perth and 550 km from Kalgoorlie
- Geology remains largely unknown
  - Mostly aircore coverage only minimal bedrock drilling
  - Minimal Research, or GSWA mapping and dating
  - Least understood belt in the Yilgarn
- ~85% of the mineralised corridors are under cover.
  - Sand Cover overlying Permian sandstones and Tertiary channels
  - Traditional surface sampling generally does not work

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#### The challenges of exploring Yamarna



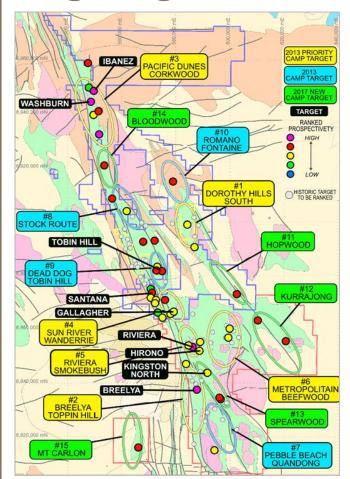
- Land access in Aboriginal Reserves and NT Claim areas
  - o Focus on relationships and communication
  - Cultural awareness and engagement
  - Best practice exploration management
  - o Care for country



Cultural awareness training – Yilka and Gold Road,
Yamarna Exploration Camp – March 2016
Lto R – HM (Yilka), Tony Shaw and Daniel Kerr (Indigenous Services Australia),

enjoying fresh bush tucker

### Targeting and Ranking to Prioritise Programmes

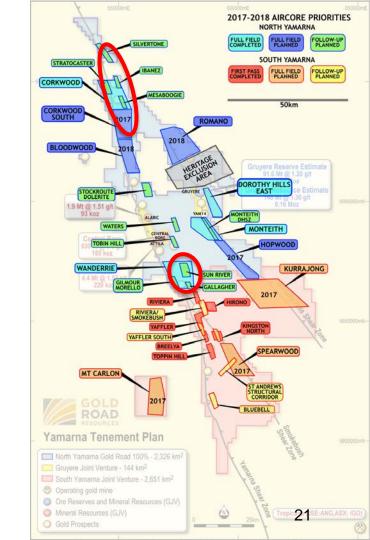


- Capitalising on decades of Yilgarn gold experience
- Best Practice Gold exploration and innovation
- We maintain a balanced portfolio approach
- Regular targeting programmes and revisions
- Always focus on highest ranked projects
- Aircore Camp drilling 2014-2017
- Generated >120 Ranked Targets
- Systematic bedrock target testing 2017
- Bedrock success on >70% of anomalies tested

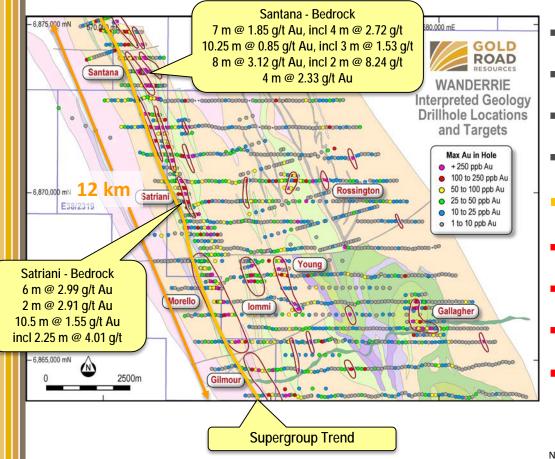
# Full Field Aircore Seeding our Greenfields for Success

- Aim: Identify footprints consistent with >1 Moz deposits
- First pass and follow-up testing of ~100 km² Camp Scale Targets
- Reconnaissance drilling on 4 camps in 2017
- Systematic Aircore over all Camp Scale Targets by 2019
- Generate new Bedrock Drill Targets as road to Discovery





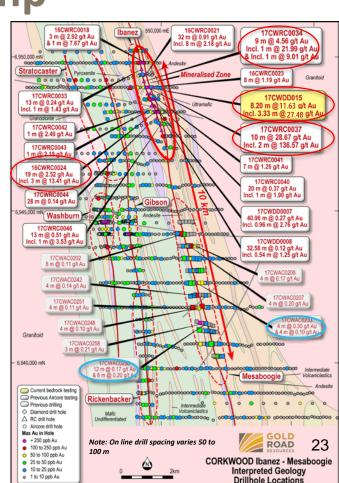
#### Full Field Aircore - Wanderrie



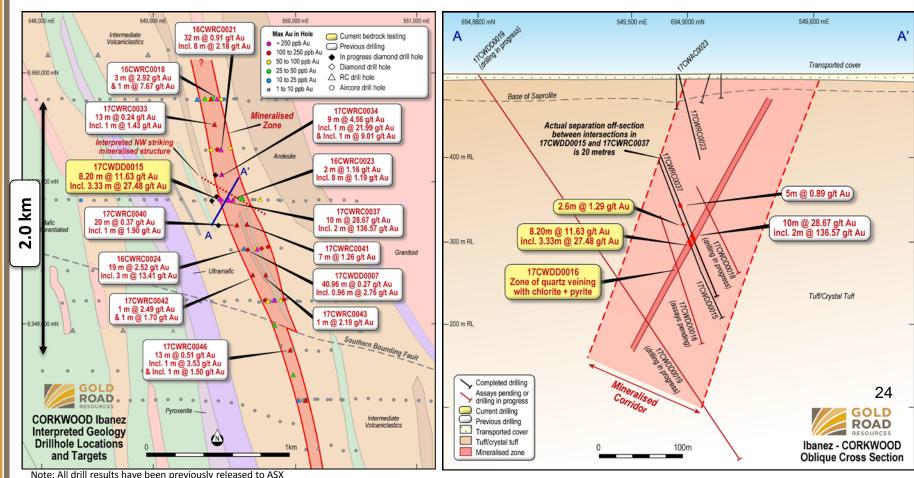
- 120 km² Camp Scale Target
- First aircore completed 2015
- Multiple anomalies defined
- Bedrock mineralisation confirmed
- Supergroup Trend 12 km long
- Yamarna Shear and parallel splays
- Volcaniclastic and mafic sequence
- Kundana-style analogue geology
- Santana-Satriani remain priorities

# Corkwood – An emerging camp

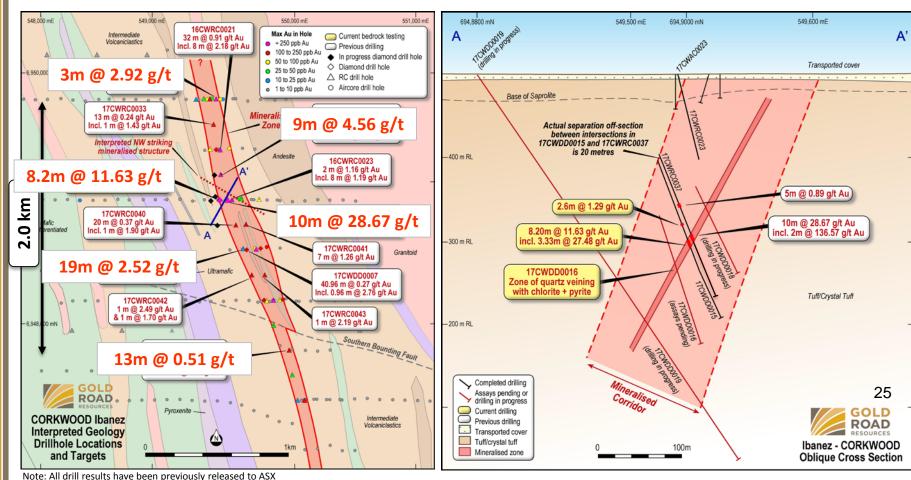
- Northern-most camp of Yamarna tenements
- 100 km² Camp Scale Target
- First aircore completed 2014-15 1,189 holes for 43,000 m
- Multiple anomalies defined
- Complex geology and structure
- Multiple mineralisation styles identified
- Target testing commenced 2016
  - o DDH: 15 holes for 3,276 m
  - o RC: 114 holes for 10,111 m
- High grade mineralisation at Ibanez and Washburn
- Targeting multiple discoveries in 2017



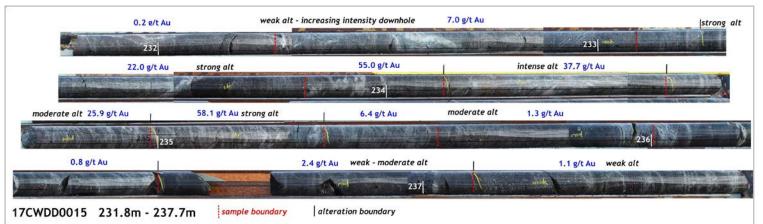
# Ibanez – High grade in a new Camp



# Ibanez – High grade in a new Camp



# Ibanez – new high-grade mineralisation style



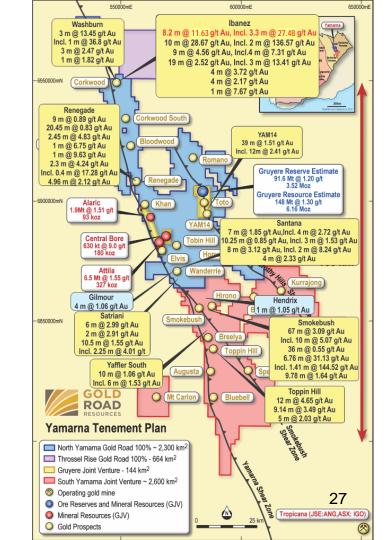
- A new style of mineralisation for Yamarna
- First intersections of consistent, thick highgrade in shear zone
- Quartz-albite-pyrite-pyrrhotite alteration
- Abundant fine free gold
- Exotic sulphides including sphalerite-galena
- Follow-up drilling in progress



Diamond drill core photo of 17CWDD0015 at 234.36 metres downhole – part of the 37.7 g/t Au sample. Core size is NQ approximately 47.6 mm diameter and length is 17 cm

# Discoveries in the making

- We are targeting multi million ounce deposits
- Multiple Aircore anomalies tested since 2016
- Bedrock drill testing has been very successful
- Primary gold mineralisation across Yamarna
- Multiple mineralisation types and styles
- Mineralisation in variety of lithologies
- Consistent with other well endowed Yilgarn Belts
- We go out expecting to make discoveries
- Indications are positive watch this space



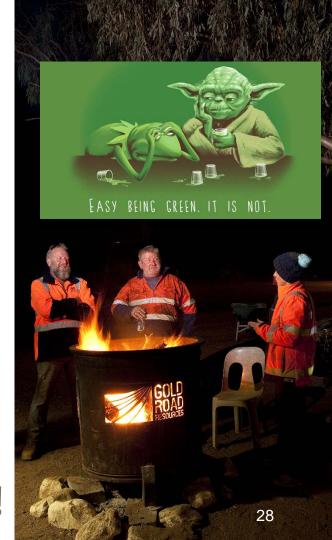
# Its not easy being Green.....

- Greenfields exploration has been in decline
- A fully committed Greenfields Explorer & Developer
- Developing world class Gruyere Gold Mine in JV
- Largest Greenfields gold exploration project in Australia
- Fostering first class targeting and efficient exploration
- We offer a unique low risk investment proposition
  - Significant low cost gold production in sight
  - o Potential for early dividends on Gruyere production
  - o Exposure to **Greenfields** discoveries and new mines

## ...but we are doing our best



...and so should you!!





"Unlocking The Potential"

# Drift Long And

Prosper

# **Appendices 1 to 3**

- Competent Persons Statements
- Mineral Resource Statement
- Ore Reserve Statement



#### **Appendix 1: Competent Persons Statements**

The information in this report which relates to Exploration Results or Mineral Resources is based on information compiled by Mr Justin Osborne. The information in this report which relates to Exploration Results is based on information compiled by Mr Justin Osborne. Executive Director for Gold Road. Mr Osborne is an employee of Gold Road, as well as a shareholder and share option holder, and is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM 209333). Mr Osborne has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Osborne consents to the inclusion in the report of the matters based on this information in the form and context in which it appears

#### Mineral Resources

The information in this report that relates to the Mineral Resource Estimation for **Gruyere** is based on information compiled by Mr Justin Osborne, Executive Director – Exploration and Growth for Gold Road and Mr John Donaldson, Geology Manager for Gold Road.

The information in this report that relates to the Mineral Resource Estimation for **Attila Trend** is based on information compiled by Mr Justin Osborne, Executive Director for Gold Road, Mr John Donaldson, Geology Manager for Gold Road and Mrs Jane Levett, Senior Resource Geologist for Gold Road.

- Mr Justin Osborne is an employee of Gold Road, as well as a shareholder and share option holder, and is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM 209333)
- Mr John Donaldson is an employee of Gold Road as well as a shareholder, and is a Member of the Australian Institute of Geoscientists and a Registered Professional Geoscientist (MAIG RPGeo Mining 10147)
- Mrs Jane Levett is an employee of Gold Road, and is a Member of the Australasian Institute of Mining and Metallurgy and a Chartered Professional (MAusIMM CP 112232)

Messrs Osborne and Donaldson and Mrs Levett have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Messrs Osborne and Donaldson and Mrs Levett consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to the Mineral Resource Estimation for **Central Bore** is based on geostatistical modelling by Ravensgate using sample information and geological interpretation supplied by Gold Road. The Mineral Resource estimates were undertaken by **Mr Craig Harvey**, previously Principal Consultant at Ravensgate and **Mr Neal Leggo**, Principal Consultant at Ravensgate.

Messrs Harvey and Leggo are both Members of the Australian Institute of Geoscientists. Messrs Harvey and Leggo have sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Messrs Harvey and Leggo consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

#### Ore Reserves

The information in this report that relates to the Ore Reserve for **Gruyere** is based on information compiled by David Varcoe. **Mr David Varcoe** is an employee of AMC Consultants and is a Member of the Australasian Institute of Mining and Metallurgy (MAus/IMM).

Mr Varcoe has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity currently being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Varcoe consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

#### New Information or Data

Gold Road confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources and Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not materially changes from the original market announcement.

#### **Appendix 2: Mineral Resource Table<sup>1</sup>**

	Gruyere Project Joint Venture <sup>2</sup> – 100% Basis			Gold Road – 50%			
Project Name	Tonnes (Mt)	Grade (g/t Au)	Contained Metal (Moz Au)	Tonnes (Mt)	Grade (g/t Au)	Contained Metal (Moz Au)	
Gruyere <sup>3</sup> (2016) (0.5 g/t)	147.71	1.30	6.16	73.85	1.30	3.08	
Measured	13.86	1.18	0.53	6.93	1.18	0.26	
Indicated	91.12	1.29	3.79	45.56	1.29	1.89	
Inferred	42.73	1.35	1.85	21.36	1.35	0.92	
Central Bore <sup>4</sup> (2013) (1.0 g/t)	0.63	9.02	0.18	0.32	9.02	0.09	
Measured	0.04	26.55	0.04	0.02	26.55	0.02	
Indicated	0.40	9.01	0.12	0.20	9.01	0.06	
Inferred	0.19	5.04	0.03	0.09	5.04	0.02	
Attila Trend <sup>5,6</sup> (2017) (0.45 g/t)	8.49	1.54	0.42	4.25	1.54	0.21	
Measured	0.31	1.90	0.02	0.16	1.90	0.01	
Indicated	6.92	1.56	0.35	3.46	1.56	0.17	
Inferred	1.26	1.33	0.05	0.63	1.33	0.03	
Total Mineral Resource	156.83	1.34	6.76	78.42	1.34	3.38	
Measured	14.22	1.27	0.58	7.11	1.27	0.29	
Indicated	98.43	1.34	4.25	49.22	1.34	2.13	
Inferred	44.18	1.36	1.93	22.09	1.36	0.97	

#### NOTES

- 1. All Mineral Resources are completed in accordance with the 2012 JORC Code
- 2. The Gruyere Project Joint Venture is a 50:50 joint venture between Gold Road and Gruyere Mining Company Pty Limited, a wholly owned Australian subsidiary of Gold Fields Ltd.
- 3. Gruyere Mineral Resource reported at 0.5 g/t Au cut-off, constrained within an A\$1,700/oz Au optimised pit shell based on mining and processing parameters from the PFS and geotechnical parameters from the previous Mineral Resource estimate (ASX announcement dated 22 April 2016)
- 4. Central Bore Mineral Resource reported at 1.0 g/t Au cut-off (2014 Annual Report)
- 5. Attila Mineral Resource reported at 0.45g/t Au cut-off, constrained within an A\$1,850/oz Au optimised pit shell (ASX announcement dated 1 May 2017)
- 6. Alaric Mineral Resource reported at 0.45g/t Au cut-off, constrained within an A\$1,850/oz Au optimised pit shell (ASX announcement dated 24 July 2017)
- 7. All figures are rounded to reflect appropriate levels of confidence. Apparent differences may occur due to rounding
- 8. Mineral Resources are inclusive of Ore Reserves

#### **Appendix 3: Gruyere Ore Reserve Table**

	Gruyere Project Joint Venture <sup>2</sup> – 100% Basis			Gold Road – 50%		
Ore Reserve Category	Tonnes (Mt)	Grade (g/t Au)	Contained Metal (Moz Au)	Tonnes (Mt)	Grade (g/t Au)	Contained Metal (Moz Au)
Proved	14.87	1.09	0.52	7.44	1.09	0.26
Probable	76.70	1.22	3.00	38.35	1.22	1.50
Total Ore Reserve	91.57	1.20	3.52	45.78	1.20	1.76

#### NOTES:

- The Ore Reserve is completed in accordance with the 2012 JORC Code
- 2. The Gruyere Project Joint Venture is a 50:50 joint venture between Gold Road and Gruyere Mining Company Pty Limited, a wholly owned Australian subsidiary of Gold Fields Ltd
- 3. Gold Road holds an uncapped 1.5% net smelter return royalty on Gold Fields Ltd's share of production from the Gruyere Project Joint Venture once total gold production exceeds 2 million ounces
- 4. The Ore Reserve is evaluated using a gold price of A\$1,500/oz (ASX announcement dated 19 October 2016)
- 5. The Ore Reserve is evaluated using variable cut off grades: Oxide 0.35 g/t Au, Transitional 0.39 g/t Au and Fresh 0.43 g/t Au
- 6. Ore block tonnage dilution averages 3.2%; Ore block gold loss is estimated at 1.4%
- 7. All figures are rounded to reflect appropriate levels of confidence. Apparent differences may occur due to rounding
- 8. A total of 407 kt at 0.87 g/t Au for 11.4 koz at 0.5 g/t Au cut-off of Inferred Mineral Resource associated with the dispersion blanket Domain is contained within the Feasibility Study pit design (with the majority located within Stage 2). This oxide material has not been included in the optimisation, the Ore Reserve estimate nor the Feasibility Study processing schedule and presents potential upside subject to further definition with RC drilling