

# UNLOCKING THE POTENTIAL

Low Risk Exposure to Fast Track Cash Flow and Exploration Investor Presentation – April 2017

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**Corporate Summary** 



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

**UK and Europe** 



### Substantial Shareholders:

- RCF ~10%
- Sun Valley Gold ~9%
- Mason Hill/Equinox ~7%

### Research:

- Argonaut
- Bell Potter
- Canaccord
- Haywood Securities
- Macquarie
- Morgan Stanley
- RBC Capital

### **Gold Road Board**

Tim Netscher Non-Executive Chairman

Ian Murray Managing Director & CEO

Justin Osborne Executive Director – Exploration & Growth

Martin Pyle Non-Executive Director

Sharon Warburton Non-Executive Director

Kevin Hart Company Secretary

### **Capital Structure**

Issued Shares	871M <sup>1</sup>
Performance Rights	7.9M <sup>1</sup>
Unlisted Options	3.8M <sup>1</sup>
Market Cap	A\$523M²
Cash & Equivalents	A\$337M <sup>1</sup>

<sup>&</sup>lt;sup>1</sup> As at 31 December 2016

<sup>&</sup>lt;sup>2</sup> As at 28 March 2017, based on last close price of A\$0.60 per share

## A World Class Gold Mine in a Top 3 Mining Jurisdiction<sup>1</sup>

6,300 km<sup>2</sup> of highly prospective exploration tenements

Joint Venture Partner in the Gruyere Gold Project

- 6.16 Million Ounce total Gold Mineral Resource
- 3.52 Million Ounce total Gold Ore Reserve
- 13 year mine life at >270 koz per year annualised
- **A\$945/oz** (US\$690/oz²) AISC High Margin potential
- Project in construction
- Fully funded to production and for exploration
- A\$30M Greenfields exploration programme for 2017



<sup>&</sup>lt;sup>1</sup>\*Western Australia ranks as the number three mining jurisdiction in the annual Fraser Institute Mining Survey 2016 – February 2017

<sup>&</sup>lt;sup>2</sup> Exchange rate of A\$1.00:US\$0.73 as per Feasibility Study

## The Appeal of Gold Road

- Top 10 Australian Reserve and Resource base
- Longest life pure gold mine in Australia
- Fully funded near term producer
- Proven global operator as JV partner
- A\$100M cash excess to construction commitment
- Immediate debt free cash flow on production
- Potential dividend payer on production
- Majority owner of Yamarna exploration leases
- Significantly undervalued stock



**Gruyere Construction Village - March 2017** 

## The Gold Road Value Proposition



### **Investment Appeal**

Fully funded near term producer
Long-life low-cost gold production
World class exploration tenement
Undervalued share price
Low risk project and jurisdiction



### Gruyere JV

1.8 Moz Reserve (Gold Road share)3.3 Moz Resource (Gold Road share)13 year mine lifeFully funded to production

>130 kozpa within 2 years
Substantial free cash generator



### Yamarna Exploration

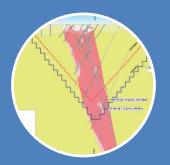
6,300 km² Tenements
Immature exploration history
100% North Yamarna Project
50% Gruyere JV Project
50% South Yamarna Project
Proven "elephant" country
A\$30M budget for 2017

## Gruyere – A High Margin, Low Risk Mine Development



### **Finance and Construction**

Top 3 mining jurisdiction in the World<sup>1</sup>
Fully permitted and all agreements in place
Fully funded – zero debt, no equity dilution
A\$100M cash in excess to development requirement
Partnering with proven first class global Major gold miner
All major contracts ready to go, and within Feasibility price estimates
Gas power solution provides long-term, low-risk supply option
Potential to add renewable energy allowed in contract



### **Technical**

A new mine – no cut backs, no underground workings, no back fill

One large scale open pit – no multi-pits, no small pits, no underground

Simple geology - disseminated gold mineralisation with huge ore blocks

Simple mining - shallow cover, low strip ratio, bulk mining, low dilution

Simple metallurgy – high gravity and high recoveries at coarse grind size

Proven SABC<sup>2</sup> and CIL<sup>2</sup> circuit technology provides flexibility and reliability

100% of Feasibility Mine Life is in Reserve – no Inferred Resource First two years of Proven Reserve already drilled to Grade Control detail

<sup>2</sup> SABC = SAG and Ball Mill with Pebble Crusher, CIL = Carbon in Leach

<sup>1</sup> Western Australia ranks as the number three mining jurisdiction in the annual Fraser Institute Mining Survey 2016 – February 2017

## The Quality of Gruyere - External Endorsement

### **Project Finance**

- 12 banks in starting process
- 7 banks in final shortlist
- 6 Term Sheets submitted
- Potential to provide A\$400M

### Joint Venture

- 11 Companies invited
- Australian and Global companies
- Major and Mid Tier operators
- 4 companies in final bids
- Gold Fields paid A\$350M for 50%
- 1.5% NSR >2Moz captures upside

### **Independent Technical Expert**

- ITE review of Feasibility Study
- SRK appointed by Banks
- Reported no Fatal Flaws
- Commented on low risk of project
- Commended quality of study

Against the Aussie golds, Gruyere has a stand out mine life

**JV with Gold Fields sees free carry and funded to production......** Argonaut believes the deal de-risks the construction of Gruyere by partnering up with a globally recognised and experienced gold producer.

J Wilson, Argonaut - Best Undeveloped Projects, December 2016

**New gold miner has visible path to profitability:** Gold Road joins Evolution Mining and Perseus Mining as Overweight-rated gold miners in our coverage. We view Gold Road as a project delivery and exploration play, with both aspects capable of lifting the equity price. Encouragingly, it already has funding for its key project, the Gruyere mine.

B Fitzpatrick, Morgan Stanley – 11 January 2017

The company has sufficient cash to meet development costs of the project (A\$514m on a 100% ownership basis) whilst continuing to explore the Yamarna belt. We have a preference for GOR as an Australian based gold developer, due to its funding position, exploration upside as well as potential for the company to be included within the GDXJ index upon reweight.

P Hissey, RBC - 7 March 2017

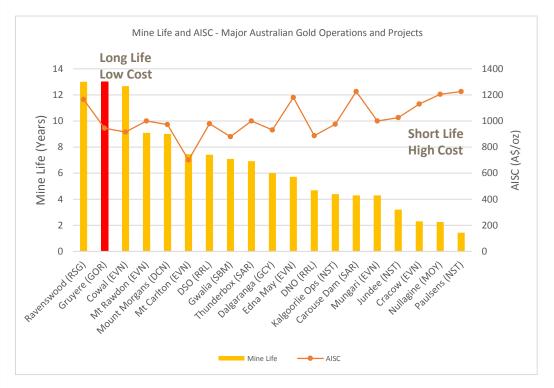
The JV with Gold Fields is an understandably attractive one for GOR that totally de-risks the Gruyere funding. GOR was well funded before agreeing to sell down its ownership of Gruyere, so the deal with Gold Fields will give it an even stronger cash balance to carry out accelerated exploration on its large, highly prospective Yamarna tenements

P Arden, Bell Potter – 17 November 2016

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## The Value Behind Gold Road – Gruyere

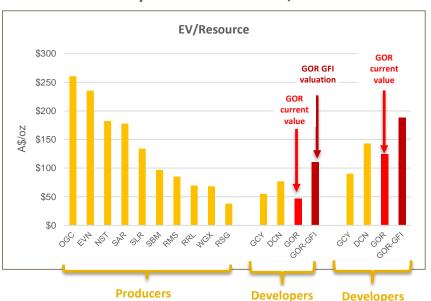
A Long-life, Low-cost Asset



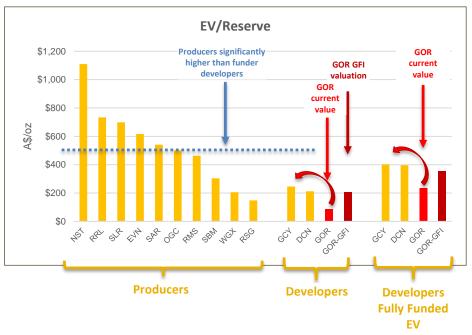
- Against ASX mid-tier gold peers, Gruyere is:
  - Equal longest mine life
  - Will have lowest quartile cost of production
  - Will be a low risk, brand new gold mine
- Gruyere will be a long life cash producer
- Project fully funded and highly de-risked
- Construction advancing to schedule
- Upside of Gruyere Underground project
- Additional resources not yet valued

## **EV Ratios in Australian Gold Space**

### GOR moderately valued on Funded EV/Resource basis



### GOR significantly undervalued on EV/Reserve basis



EV is based on closing share prices on 23/03/17 and cash, reserves and shares issued as disclosed in January 2017 Quarterly activity reports, except DCN and GCY which are based on company fillings following recent capital raisings

EV - Fully funded includes estimated capital construction cost disclosed in Company filings added to EV.

**Fully Funded** 

## Who offers best margin for Shareholders?



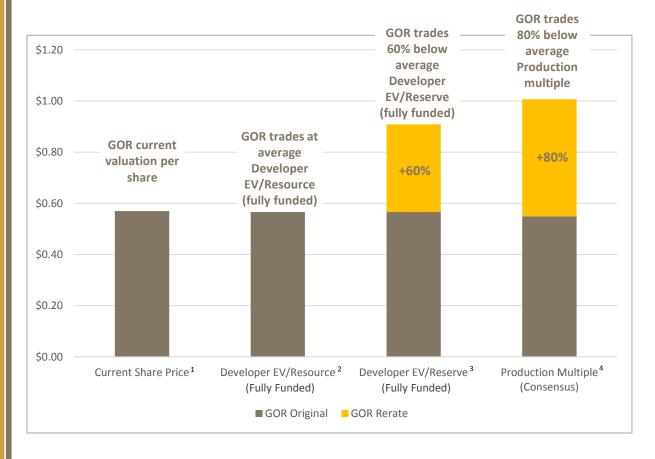
<sup>&</sup>lt;sup>1</sup> Dalgaranga Feasibility Study at A\$1,600/oz – ASX announcement 25/11/2016

<sup>&</sup>lt;sup>2</sup>MMGP Feasibility Study at A\$1,600/oz – ASX announcement 21/11/2016

<sup>&</sup>lt;sup>3</sup> **Gruyere Feasibility Study** at A\$1,500/oz – ASX announcement 19/10/2016

<sup>&</sup>lt;sup>4</sup> AISC is based on Company filings.

## Potential Re-rate of Share Price - Multiples



- Gold Road has
  significant share price
  upside just by doing
  what we say we will
  do Build the Gruyere
  Project with our JV
  Partner
- Exploration remains as pure upside

<sup>&</sup>lt;sup>1</sup> Share Price \$0.57 at 23/3/17

<sup>&</sup>lt;sup>2</sup> **Developer EV/Resource fully funded** average multiple is \$117/oz (DCN and GCY) compared to current \$125/oz for GOR

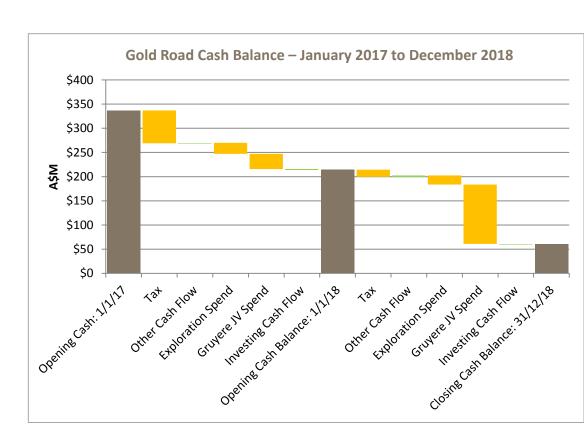
<sup>&</sup>lt;sup>3</sup> **Developer EV/Reserve fully funded** average multiple is \$399/oz (DCN and GCY) compared to current \$234/oz for GOR

<sup>&</sup>lt;sup>4</sup> **Production Multiple** median is 1.1 of NAV, compared to 0.6 for Developer. Consensus NAV of \$808M based on average of 7 brokers. Median based on comparable set of 8 ASX listed companies

## Gold Road Use of Proceeds – 2017/18

### Gold Road cash allocation:

- Gruyere project construction
- Gruyere JV exploration
- North Yamarna exploration
- South Yamarna JV exploration
- Corporate cost
- Tax payments on JV transaction
- Tax on profit from forward sales
- Income from cash investment
- Closing balance at completion of construction of ~A\$50M
- Allows aggressive exploration
- Ensures appropriate working capital



## **Gruyere Joint Venture**

- Gold Road & Gold Fields Ltd 50:50
- 13 year mine life at >270koz pa
- Low cost production from 2018
- GOR fully funded to production
- Managed by proven world class operator





"Unlocking The Potential"

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



GOLD FIELDS

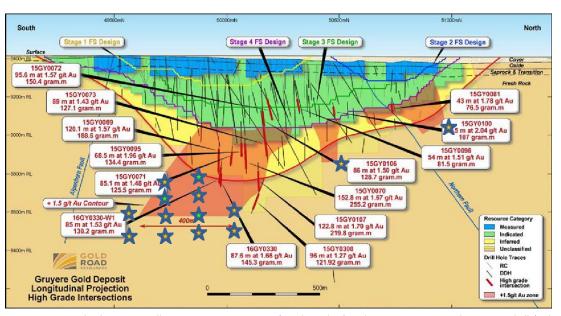
## **Gruyere Joint Venture Upside**

### Project optimisation in progress

- Major contracts set for award
- Future upside milling capacity available
- Improved plant design
- Mining optimisation study ongoing
- Benefits from Gold Fields synergies

### Exploration

- Add higher margin ore sources
- Focus on Attila-Alaric reserve additions
- Gruyere Underground extensions
- Greenfields exploration continuing



Gruyere Longitudinal projection illustrating Ore Reserve pit (purple outline) and constraining Mineral Resource shell (red outline) relative to central higher grade shoot targeted for potential underground extension. Budget of A\$4M allocated to drill testing extension to the interpreted shoot (500m strike by 400m dip extent, 90m average width at 1.7g/t Au) targeting Resource update and Scoping Study by December Quarter 2017.

## **Gruyere Development Schedule**

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
Project Funding	* Proje	ct Funding via	Gruyere JV v	vith Gold Field	ds 🗸			Complete
Permits & Approvals	* Perm	its received a	nd Approvals	in place 🗸			<u> </u>	Construction in 2018
EPC Construction	EPC contract A	Engineering	g, Construction	, Commissionin	g – Processing F	Plant and Infras	tructure	$\star$
Bulk Earthworks	Bulk Earth	nworks, Roads 8	& Airstrip	Та	ilings Dam Con	struction		
Gas Pipeline and Power	Approva	ls	Construction (	of Pipeline and	Power Station			
Mining Contract	1	ender and Awa	ard	Pre-strip	and mine deve	lopment		First gold late 2018
Operations							Commence Mining	



Major planned decision points and milestones based on best case schedule

## **Future Exploration**

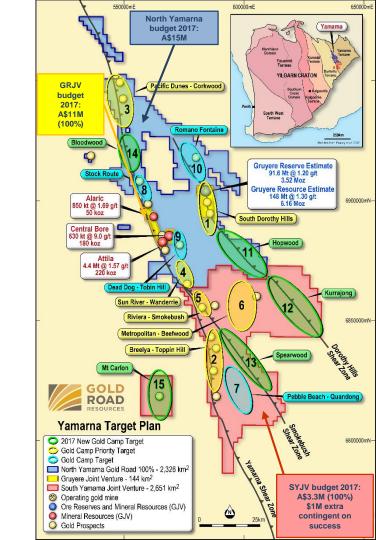
- Total A\$30M Budget for 2017
- High margin Reserve focus for Gruyere JV
- Accelerate North Yamarna exploration
- Target 2 Moz deposits on South Yamarna JV
- Follow-up two years Regional testing
- Focus on discovery of standalone deposits



Yamarna Exploration Camp – January 2017

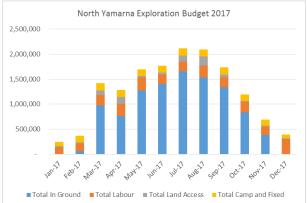
## **A\$30M Greenfields Budget**

- Approximately A\$30M spent on Gruyere in last 3 years
- Largest Greenfields gold project in Australia
- 2017 total exploration budget of A\$30M
  - A\$15M on 100% Gold Road North Yamarna
  - A\$11M on 50:50 Gruyere Joint Venture
  - A\$3.3M on 50:50 South Yamarna Joint Venture
- North Yamarna 100% Gold Road
  - Aggressive bed rock testing of prioritised targets
  - Infill aircore on priority anomalies
  - Targeting at least one major discovery in 2017
- Gruyere JV High margin reserves and extend mine life
- South Yamarna JV targeting >2 Moz under deeper cover
  - Regional aircore over southern Dorothy Hills extension
  - Aircore and RC testing of identified anomalies
  - Additional A\$1M available contingent on success from A\$3.3M

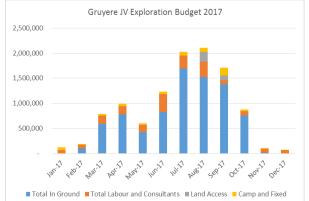


## Dollars in the ground - Discoveries need drilling

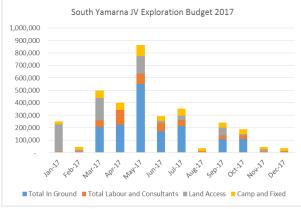
### North Yamarna



### Gruyere JV



### South Yamarna JV



Total Budget: A\$15M

### 68% In Ground expenditure

13.8 km DD

42.3 km RC

126.7 km AC

Total 182.8 km

High proportion of AC

Total Budget: A\$11M

### 75% In Ground expenditure

19.6 km DD

32.1 km RC

5 km AC

Total 56.7 km

High proportion of DD/RC

Total Budget: A\$3.3M

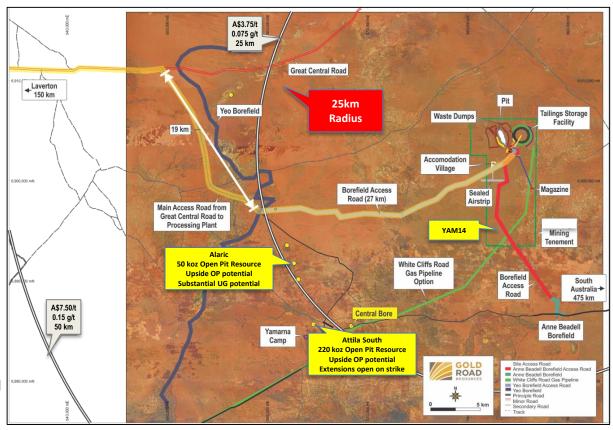
49% In Ground expenditure

21% budget in Land Access
Total 36.6 km drilling
Additional A\$1.05M available

(additional 3 km DD)

## **Growing the Gruyere JV**

- Attila South
  - 220 koz OP Resource (A\$1,600/oz)
  - o Successful extension drilling 2016
  - Updated Resource H1 2017
  - o Targeting Maiden Reserve H2 2017
- Alaric
  - o 50 koz OP Resource (A\$1,600/oz)
  - Significant UG potential defined
  - o Successful extension drilling 2016
  - o Updated Resource H1 2017
  - o Targeting Maiden Reserve H2 2017
- YAM14 8 km to south
  - o Maiden resource H2 2017
  - >700 m mineralised strike potential
- Additional prospects on Attila-Alaric Trend



## **Optimising our information – New targeting**

- 3 years of extensive data collection, drilling, knowledge
- Improved geological interpretation and understanding
- Improved targeting and prioritisation
- Developing a Target Management System
- In excess of 135 targets now identified
- 48 Targets fully assessed, ranked, prioritised
- Over 70 targets still to be assessed
- Maintain focus on highest ranking targets and camps
- Continually revisit, re-rank, and re-prioritise based on data

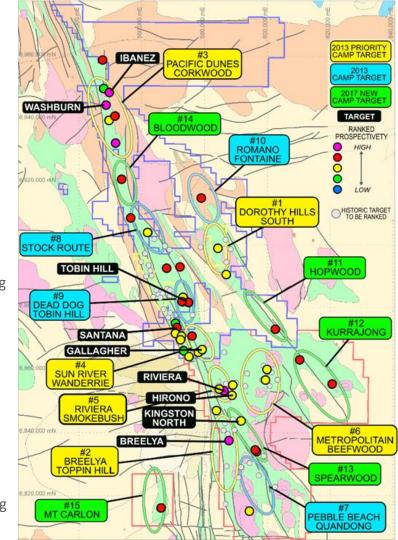
		North Yamarna	South Yamarna JV	Gruyere JV	Total
	Target Generated	29	12	2	43
2013	Anomaly Generated	14	20	6	40
7(	Target Defined	1	3	3	7
	2013 Total	44	35	11	90
	Target Generated	9	3	0	12
2017	Anomaly Generated	16	14	1	31
7(	Target Defined	4	1	0	5
	2017 Total	29	18	1	48
	Total Targets	73	53	12	138

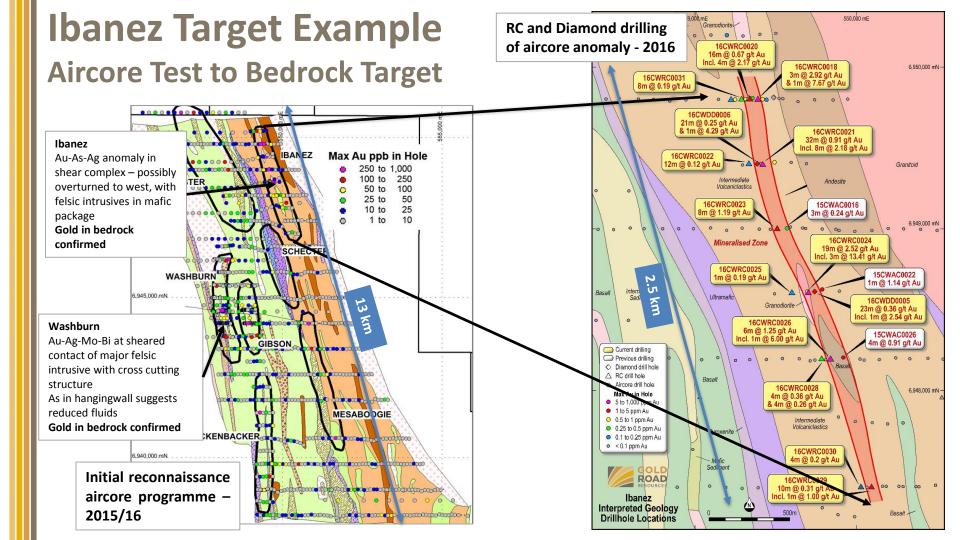
## **North Yamarna Top 5**Bedrock Testing Priority Targets

- Bedrock testing the highest priority targets
- Regularly update project priorities to focus on best targets
- Progress at least one target to Resource drilling in 2017

### **Current Top 5 Targets ready for drilling**

- Ibanez Corkwood Camp (#3)
  - Bedrock mineralisation defined over 2 km strike in broad RC-DD drilling
  - Multiple structures and prospective lithologies
- Washburn Corkwood Camp (#3)
  - Multiple high grade structures in flexure around granite intrusive
- Santana Wanderrie Camp (#4)
  - High-grade bedrock structure in Kundana-analogue geology
- Gallagher Wanderrie Camp (#4)
  - Broad gold anomalism coincident with thick dolerite stratigraphy
- Tobin Hill Camp (#2)
  - Multiple high priority early stage targets in favourable structural setting

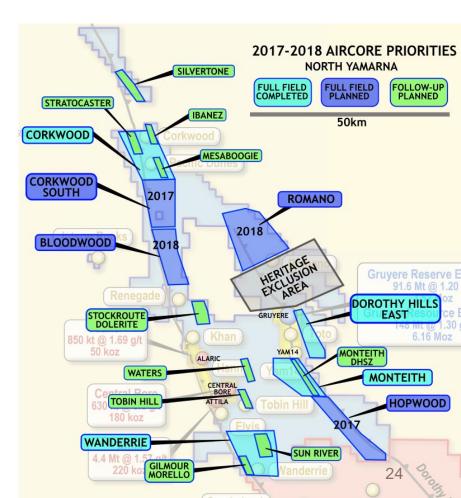




## North Yamarna Full Field Aircore

## **Camp Scale Target Testing**

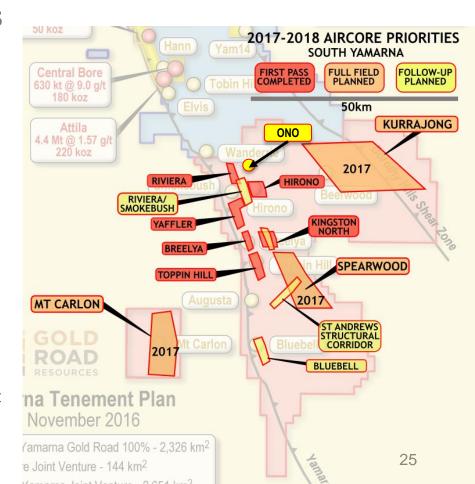
- Full Field Aircore
  - Systematic aircore over all Camp Scale Targets by 2019
  - Near completed on 3 of 7 Camp Scale Targets
  - Reconnaissance framework on 2 camps in 2017
  - Finalise reconnaissance on remaining 2 camps in 2018
  - Continue infill of identified priority anomalies
  - Generate Bedrock Drill Targets replenish the pipeline
- Aim: Identify footprint consistent with >1 Moz deposit



## **South Yamarna 2017**

### **Reconnaissance over New Camps**

- Target Testing
  - Bedrock drilling into identified prospects
  - Confirm mineralisation below anomalies
- SYJV Top 3
  - Kingston North 2.5 km aircore anomaly in structural complex
  - Yaffler South 1.8 km aircore anomaly in shear corridor
  - Ono AC Test conceptual Stage 2 Target
- Full Field Aircore
  - Systematic aircore over all Camp Scale Targets by 2019
  - Partial testing of 3 of 6 Camp Scale Targets
  - Complete reconnaissance framework on 2 camps in 2017
- Aim: Identify footprint consistent with 2 Moz deposit
- Aim: Framework drilling on at least one target

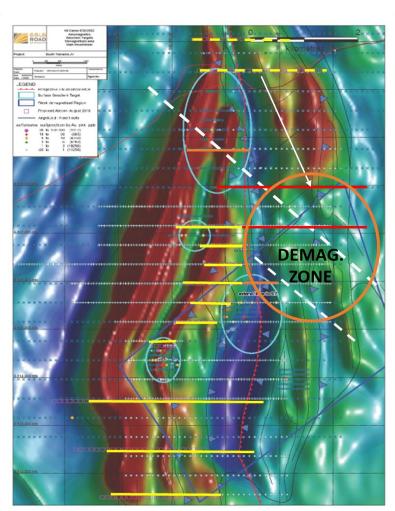


## **South Yamarna 2017**Mt Carlon Camp Scale Target

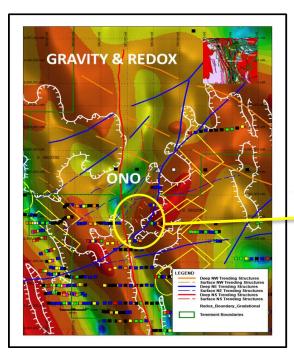
- Small (20 x 10km) Greenstone Belt west of Yamarna
- Folded and thrusted sequence of sediments/ dolerite/ basalt/ BIF/ ultramafic and felsic intrusive units
- Demagnetised BIF's interpreted as mineralised cross cutting shears
- Hill 50 analogue Target potential >2Moz
- Initial programme of 150 to 200 AC holes for 7,500 m

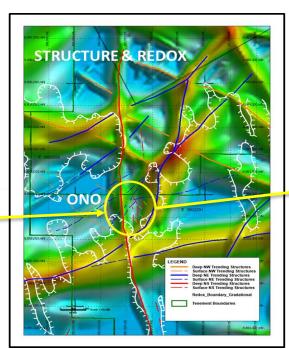


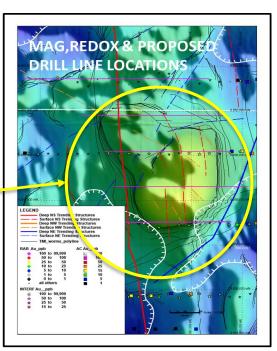
Subcrop/outcrop and surface float Banded Iron Formation (BIF) with quartz veining (Left and middle), and quartz vein sample (right) showing weathered sulphides after pyrite-galena observed during recent mapping



## Ono Target – Diorite Hosted Conceptual Target







- Untested target hosted in intermediate to mafic intrusive >1Moz Target Size
- Near gravity, magnetic and redox gradients Bounded by deep NS and NNE regional structures
- 73 AC holes for 4,745m, over five 400m spaced lines, with holes 100m apart. Testing 2km strike length.
- Analogue Sigma Gold Mine, Canada: diorite hosted gold deposit +9.4 Moz @ 6g/t Au

## Yamarna Exploration Score Sheet – January 2017

	North Yamarna					Gruyere JV			South Yamarna JV								
	Sun River - Wanderrie	Pacific Dunes - Corkwood	Bloodwood	Romano	Tobin Hill	нормоод	Stock Route	South Dorothy Hills	Attila Trend	Central Bore Trend	Riviera - Smokebush	Breelya - Toppin Hill	Metroplitan - Hirono	Spearwood	Bluebell	Mt Carlon	Kurrajong
Camp Scale Target Defined																	
Land Access Established																	
Local Targets Defined and Prioritised																	
Aircore Drilling																	
Anomalies Defined																	
Bedrock Tested																	
Stratigraphy Mapped																	
Prospects Defined																	
Re-targeted and Prioritised																	
Resource Discovery																	
Resereve Declaration																	
Project Development									,								



## **2017 Planned Exploration**



## One of the lowest risk, lowest cost Global gold investments

## The Gold Road Value Proposition

- Fully funded World class development project
- Gruyere is long life, large scale, low risk, low cost
- Highly prospective exploration tenement
- Fully funded A\$30M exploration programme
- Largest Greenfields Gold project in Australia
- Self-sustaining future funding
- Team capability in exploration and projects
- Potential for growth AND future dividends
- A low risk gold investment with huge upside!
- Who else offers this diversity?





## THANK YOU



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## Appendices 1 to 5

- Competent Persons Statements
- Mineral Resource Statement
- Ore Reserve Statement
- Gruyere Feasibility Study results
- Gruyere AISC on global cost curve
- Exploration Information



## **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 (MAusIMM).

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**

	Gruyere Pro	oject Joint Venture²–	100% Basis	Gold Road – 50%					
Project Name	Tonnes (Mt)	Grade (g/t Au)	Contained Metal (Moz Au)	Tonnes Grade (Mt) (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</sup> (2015) (0.7 g/t)	5.30	1.59	0.27	2.65	1.59	0.14			
Measured	0.66	1.96	0.04	0.33	1.96	0.02			
Indicated	3.85	1.52	0.19	1.93	1.52	0.09			
Inferred	0.79	1.59	0.04	0.39	1.59	0.02			
Total Mineral Resource	153.64	1.34	6.61	76.82	1.34	3.31			
Measured	14.57	1.29	0.60	7.28	1.29	0.30			
Indicated	95.37	1.33	4.09	47.69	1.33	2.05			
Inferred	43.70	1.37	1.92	21.85	1.37	0.96			

#### 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 Trend (Attila and Alaric) Mineral Resource reported at 0.7 g/t Au cut-off, constrained within an A\$1,600/oz Au optimised pit shell (ASX announcement dated 16 September 2015)
- 5. All figures are rounded to reflect appropriate levels of confidence. Apparent differences may occur due to rounding
- Mineral Resources are inclusive of Ore Reserves.

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

	Gruyere Pr	oject 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)	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:

- 1. 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

## Appendix 4 - Gruyere Project<sup>1</sup> - Feasibility statistics @ A\$1,500/oz

## GOLD PRODUCTION

3.52Moz Mined
3.21Moz Produced

## FREE CASH FLOW

**A\$1.22B Pre-tax A\$845M Post-tax**(US\$892M and US\$617M)<sup>5</sup>

### **IRR**

24% Pre-tax 20% Post-tax NPV<sup>2</sup> @ A\$1,500/oz

A\$486M Pre-tax A\$305M Post-tax (US\$355M and US\$223M)<sup>5</sup>

AISC<sup>3</sup>
A\$945/oz
(US\$690/oz<sup>6</sup>)

**AIC**<sup>4</sup> A\$1,103/oz (US\$805/oz<sup>6</sup>) CAPITAL
COST
A\$507M<sup>5</sup>
(US\$370M<sup>6</sup>)

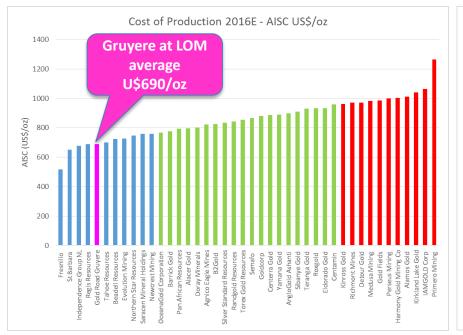
## **PAYBACK**

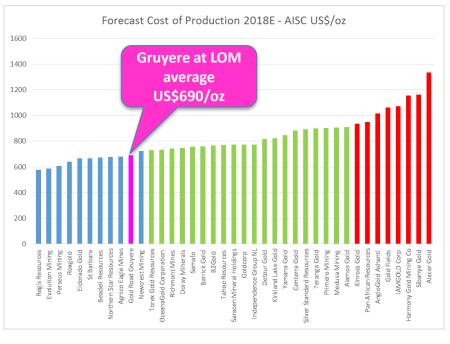
48 Months 33% of LOM

### Notes:

- 1. Based on Gruyere Feasibility Study at A\$1,500/oz ASX announcement dated 19 October 2016
- 2. 8% Discount rate applied to NPV
- 3. AISC = C1 + Royalties + Levies + Sustaining Capital + Project related offsite Corporate expenditure
- . AIC = AISC + Development Capital Expenditure
- 5. The Development Capital Cost is in Q2 2016 (FS) Real terms. The forecast capital cost including potential escalation to Project completion (Q4 2018) is estimated to be A\$514M
- 6. Exchange rate A\$1.00:US\$0.73 as per Feasibility Study

## Appendix 5 - Gruyere LOM AISC lowest quartile<sup>1</sup>





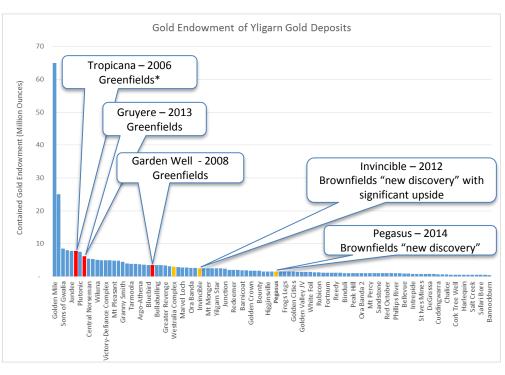
- Gruyere based on projected LOM AISC of A\$945/oz or US\$690/oz
- Gruyere average AISC over first 5 years production is A\$923/oz or US\$674/oz
- Gruyere ranks in lowest quartile for AISC compared to 2016E peer cost estimates<sup>1</sup>
- Gruyere forecast ranking in lowest quartile for AISC in 2018E peer cost estimates<sup>1</sup>

### Notes:

1. Data sourced from Macquarie Research: Australian Gold Miners – Australian equities in a global context – 10 October 2016, Macquarie Equities Research

## Appendix 6 - Exploration - A "World Class Deposit"?

- Gold deposits of >1 Moz potential
- Capable of supporting a stand alone operation
  - Open Pit deposit 15 Mt at 2.0 g/t is ~1 Moz
  - Underground deposit 6.2 Mt at 5.0 g/t is ~ 1 Moz
- Deposits of this scale found in the Yilgarn are very rare!
- There are approx. 60-70 >1 Moz Yilgarn deposits
- Even 500koz gold discoveries are very rare!
- Greenfields discoveries in the Yilgarn in last 10 years:
  - o Gruyere (Gold Road): 6.2 Moz discovered in 2013
  - Tropicana (Anglo Ashanti/IGO): ~8Moz in 2006
  - o Garden Well (Regis): ~3.5 Moz in 2008
- Brownfields new discoveries in the Yilgarn in last 10 years:
  - o Invincible (Gold Fields St Ives): ~ 2 Moz in 2012
  - o Pegasus (Norther Star Kundana): > 1Moz in 2014



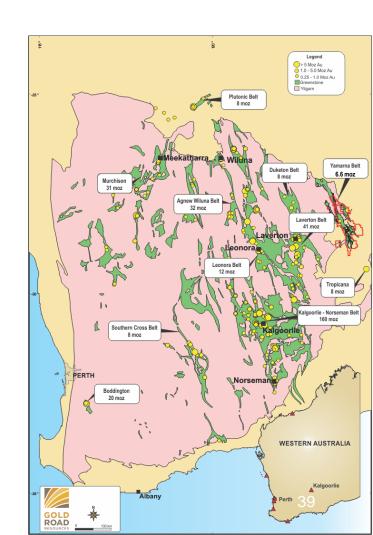
Distribution Curve of Yilgarn Deposits – Endowment estimated from Production and Current Resources, adjusted for potential of ongoing exploration programmes

<sup>\*</sup>Note – Tropicana is not strictly a Yilgarn Deposit

## The Yamarna Greenstone Belt

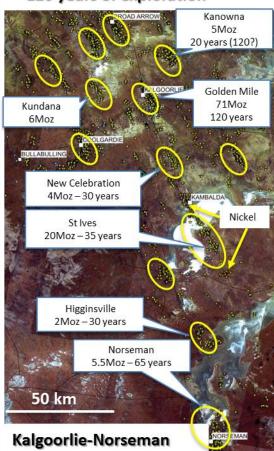
### Our Major Asset – Well Endowed, Under Explored

- ~5,000 km² tenement position over the Yamarna Belt
- 200 km strike North to South = Norseman to Paddington
- Geology of the belt similar to Kalgoorlie Belt (>160 Moz)
- 90% under cover historically underexplored
- Modern gold exploration only over last 10 years
- 15 Camp Scale Targets now identified
- Target testing commenced H2 2013
- Discovered Gruyere (6.2 Moz) with first test in Oct' 2013
- Extensive regional exploration programme



## Gold Camps – Kalgoorlie vs Laverton vs Yamarna

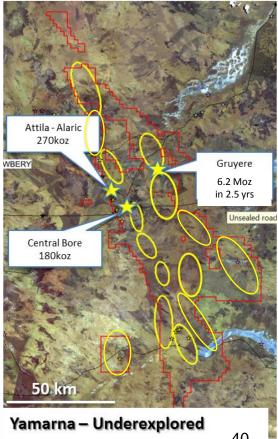
120 years of exploration



120 years of exploration

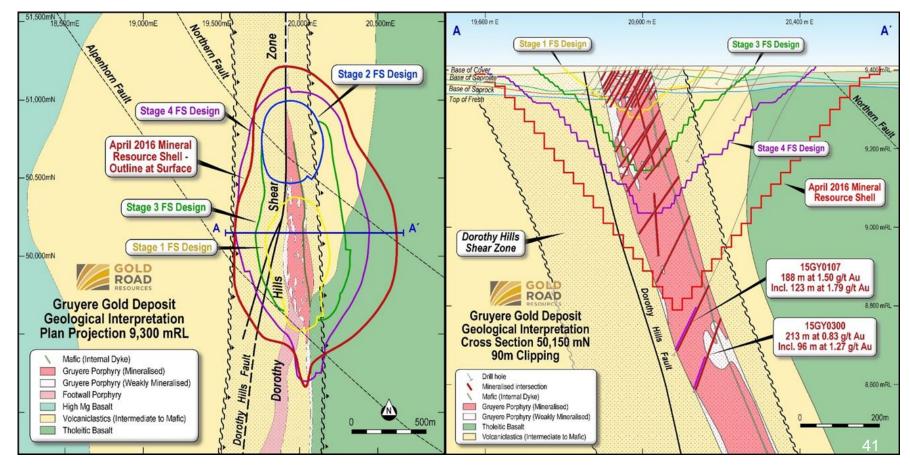


20 years of exploration

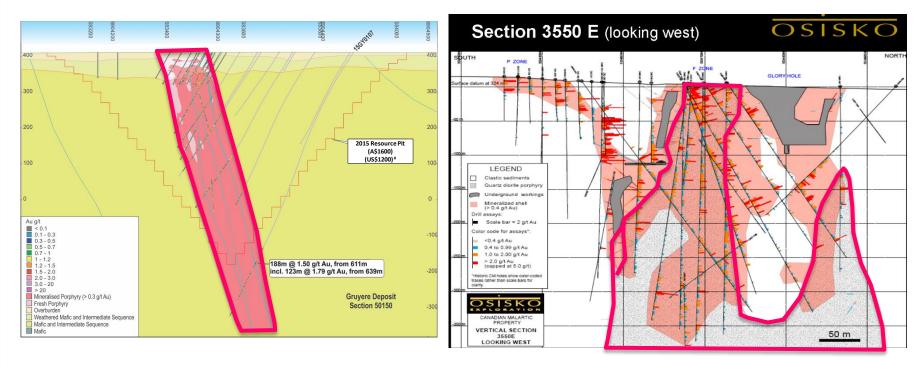


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## **Geology and Pit Stages**



## Canadian Malarctic – A Gruyere Analogue?



Gruyere cross section (left) at 50% scale of Malarctic cross section (right). Note 100% of mineralisation at Gruyere situated within porphyryr, compared to 70% in sediments at Malarctic. The Malarctic Porphyry shows multiple "dykes" extending off a deeper pluton stock. The Gruyere Porphyry might represent the dyke in a higher relative position to a pluton at more depth.

## The Yamarna Project Pipeline

