



7 May 2019

The Manager  
Market Announcements Office  
ASX Limited  
PO Box H224 Australia Square  
SYDNEY NSW 2001

Dear Sir/Madam

**RIU RESOURCES ROUND-UP CONFERENCE PRESENTATION**

Please find attached a presentation to be given later today by Executive Chairman Tom Sanders at the RIU Resources Round-up Conference in Sydney.

Yours faithfully

A handwritten signature in black ink, appearing to read "M. Simson".

**MICHELLE SIMSON**  
**Company Secretary**

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ASX: BRB; ACN: 145 011 178

**Sunrise on a new gold project with scale,  
high-grade mining options and multi-  
million ounce growth potential\***

**RIU Resources Round-up, Sydney, 7-9 May 2019**

**Tom Sanders  
Executive Chairman**

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### Competent Persons Statement

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Tom Sanders who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Sanders is an officer of Breaker Resources NL and his services have been engaged by Breaker on an 80% of full time basis; he is also a shareholder in the Company. Mr Sanders 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 Sanders consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#The information in this report that relates to the Mineral Resources and Exploration Targets is based on information announced to the ASX on 6 September 2018. Breaker confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements, and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply. An upgrade to the Mineral Resource is anticipated to be released in April/May 2019.

**Table: Lake Roe Project Bombora Deposit Mineral Resource September 2018**

Notes:

- Reported at 0.5g/t Au cut-off
- All figures rounded to reflect the appropriate level of confidence (apparent differences may occur due to rounding)

Classification	Tonnes	Au (g/t)	Ounces
Indicated	12,549,000	1.5	624,000
Inferred	12,050,000	1.2	460,000
<b>Total</b>	<b>24,599,000</b>	<b>1.4</b>	<b>1,084,000</b>



## 1.1Moz# and growing; Dual focus on early open pit production and resource growth

- ✦ **Phase 1 of Resource drilling completed over 2 years (220,000m)**
  - Open in all directions
  - Growing quickly (500,000oz added in 5 months pre-September 2018 Resource#)
  - A\$18/oz discovery cost overall^
  - Planning for Phase 2 drilling already underway
- ✦ **Resource update planned for July 2019**
  - Open pit gold Resource (~60% Indicated#; September 2018 )
  - High-grade mining optionality 1.1Moz (24.6Mt @ 1.4g/t Au)
    - includes 0.8Moz @ 2.0g/t Au
    - includes 0.5Moz @ 3.4g/t Au
  - Gold from surface, no mining legacy issues (790,000oz within 150m of surface)
- ✦ **Open pit PFS anticipated September/October 2019**
  - Targeting single large open pit at least 2.5km-long; 250-300m deep
  - 2.5Mtpa processing facility under consideration
- ✦ **Clear underground mining potential based on strong results deep reconnaissance drilling**
  - Current Resource only extends to 250m below surface
  - Intersections up to 500m below surface (eg. 5.95m @ 11.33g/t Au\*)
- ✦ **Camp scale growth potential (an ongoing discovery story)**

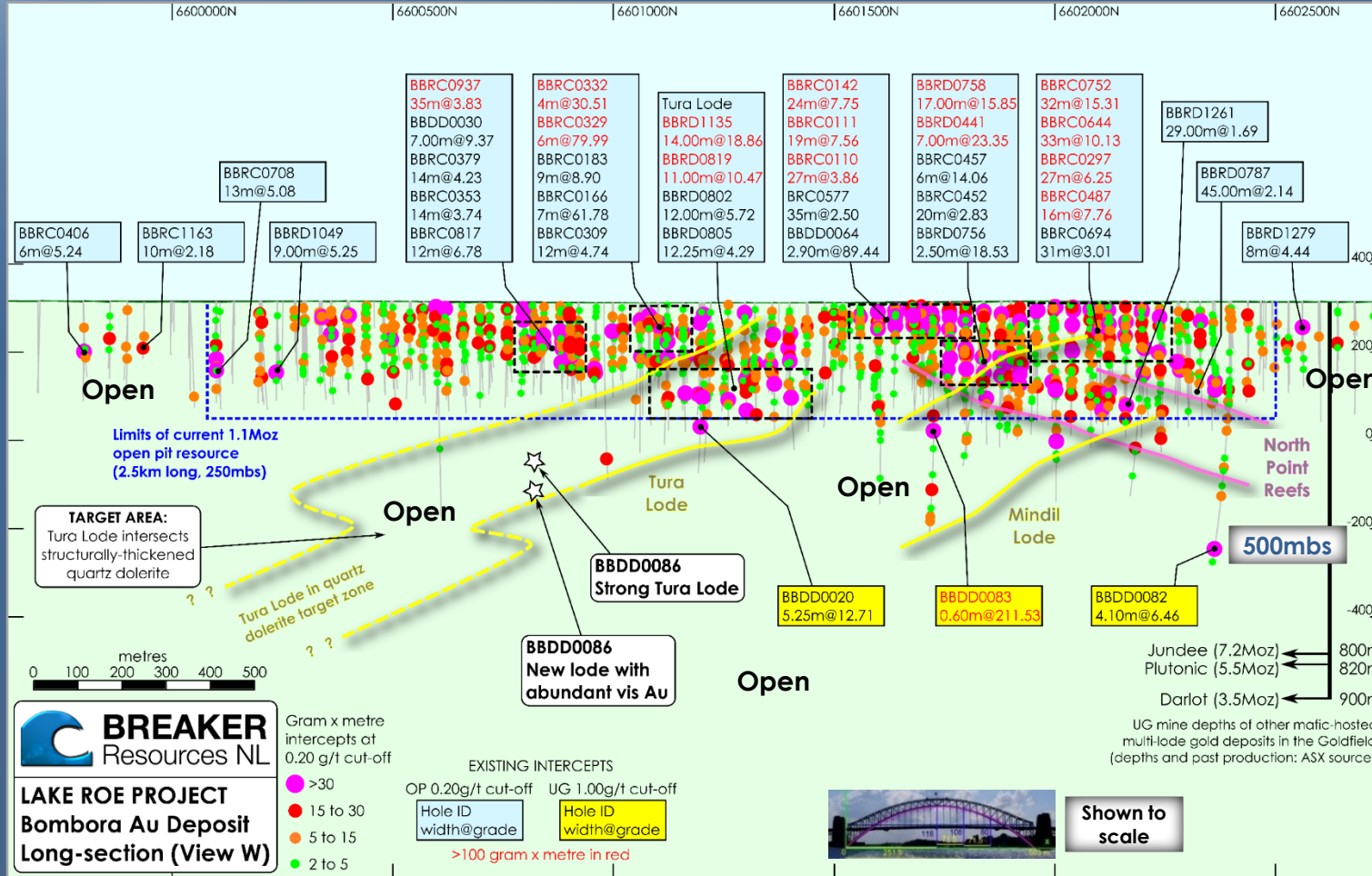


100km east of Kalgoorlie  
Western Australia

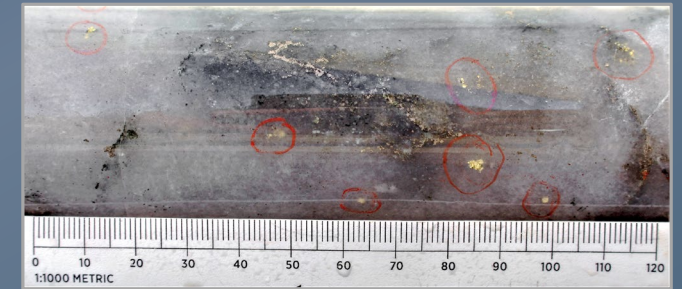


# Exceptional drill hits close to surface and at depth

Some of the best drill hits in Western Australia in the last 2 years (shallow, multiple lodes)\*



- ✦ Shallow gold; 1.1Moz open pit Resource#
- ✦ Resource limited to 250mbs (deepest intercept 500mbs)
- ✦ Deep gold not in Resource



New Lode discovered on 4 May 2019 (BBDD0086^)

- ✦ Open in all directions; Still discovering

➔ Shallow, high-grade gold points to low-cost open pit mining (PFS)  
Deeper intercepts point to long-term underground potential

## Significant gold discoveries in Western Australia in last 15 years

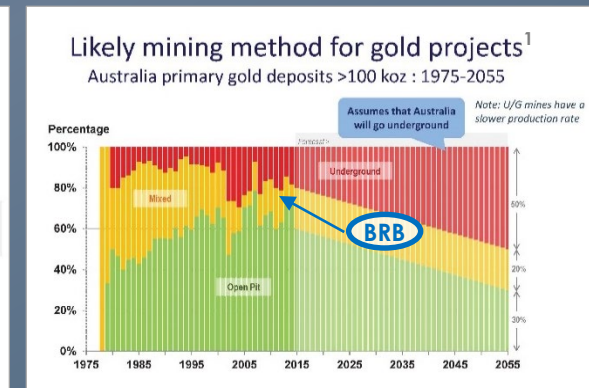
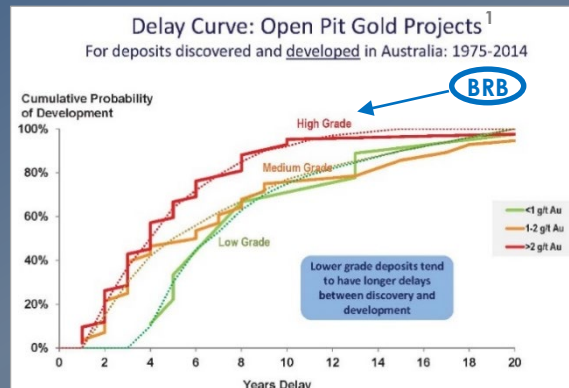
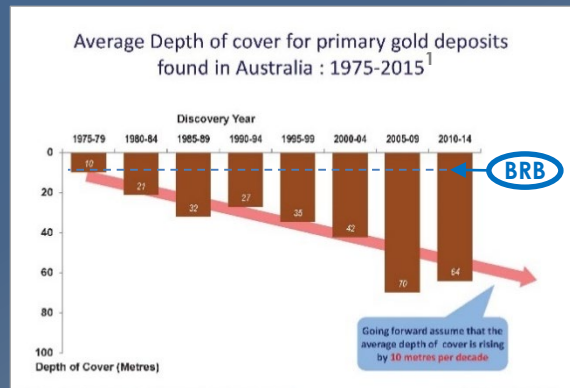
Bombora	1.1Moz	2016	Breaker (growing quickly)		<u>Open pit &amp; UG potential</u>
Gruyere	6.2Moz	2013	Gold Road		Open pit
Tropicana	8.0Moz	2006	Anglo Gold	greenfields	Open pit (limited UG)
Bellevue	1.5Moz	2018	Bellevue	brownfields	UG
Mt Morgan	3.0Moz	2015	Dacian		Open pit & UG
Invincible	1.3Moz	2012	Gold Fields		Open pit & UG
Garden Well	3.5Moz	2008	Regis		Open pit

### Bombora Discovery: Lake Roe Gold Project

Shallow oz and thin cover (5-10m)

High-grade open pit potential  
(2.0g/t)

Open pit and underground potential



<sup>1</sup>Long-term forecast of Australia's mineral production and revenue: The outlook for gold: 2017-2057  
Richard Schodde, Adjunct Professor, Centre for Exploration Targeting, UWA 5th December 2017, Perth



Experienced mining industry professionals aligned with shareholders

## Corporate/Technical Team

<b>Tom Sanders</b>	Executive Chairman (geologist)
<b>Mike Kitney</b>	Non-Executive Director (process engineer)
<b>Mark Edwards</b>	Non-Executive Director (lawyer)
<b>Linton Putland</b>	Non-Executive Director (mining engineer)
<b>Michelle Simson</b>	Company Secretary
<b>Alastair Barker</b>	Exploration Manager

## Capital Structure

✦ <b>Issued Securities</b>	<b>182.7m fully paid shares</b> (4.6m partly paid shares; 9.9m unlisted options)
✦ <b>Market capitalisation</b>	<b>\$60.3m</b> (\$0.33/share; 03/05/19)
✦ <b>Cash</b>	<b>\$3.3m</b> (31/03/19) <b>No debt</b>
✦ <b>Strong share register</b>	<b>Directors 14%    Top 20 51%</b>

Building value on a rare gold discovery of quality and scale in a Tier 1 mining jurisdiction



Three Year Share Price Chart

*An exceptional team with a long track record in mining, development, exploration, finance and corporate*



**Tom Sanders**  
**Executive Chairman**

BSc (Geology) Sydney University; MSc (Mineral Economics) Curtin University; MAusIMM; FAICD

Tom Sanders is a geologist with over 35 years' experience in the Australian mining industry. He lived in the Kalgoorlie area for 23 years and has extensive experience in project generation, exploration, feasibility, mining, production and corporate management with a strong emphasis on gold and nickel in Western Australia.

His experience includes work on several open pit and underground gold and nickel operations, the building of a two million ounce gold resource at a previous company, and published mineralisation studies in WA's East Kimberley.



**Mike Kitney**  
**Non-Executive Director**

Ass Met WA Institute of Technology; Post Grad Dip (Extractive Metallurgy) WA School of Mines; MSc (Mineral Economics) Curtin University; MAusIMM; MAICD

Mike Kitney is a process engineer with over 40 years' experience in the mining industry. He has participated in the development and construction of projects throughout Australia, Africa, south east Asia and the former Soviet Union. Mr Kitney's particular strengths are in production and mineral processing, all aspects of environmental management, project evaluation and assessment and leadership of interdisciplinary project teams. He brings to the Company vast project development expertise and practical experience in commissioning new projects.



**Linton Putland**  
**Non-Executive Director**

BEng (Mining) WA School of Mines; MSc (Mineral Economics) WA School of Mines; MAusIMM; GAICD

Linton Putland has over 30 years' experience in mining operations, joint ventures and corporate management, in Australia, Africa and the Americas over a wide range of commodities. Mr Putland is principal of LJ Putland & Associates, a private mining consultancy company which was founded in 2002, providing advisory and consultancy services in mining project and company evaluation and due diligence appraisals with a focus on corporate growth. Previously mine manager Paddington gold operations.



**Mark Edwards**  
**Non-Executive Director**

BJuris, LLB University of Western Australia

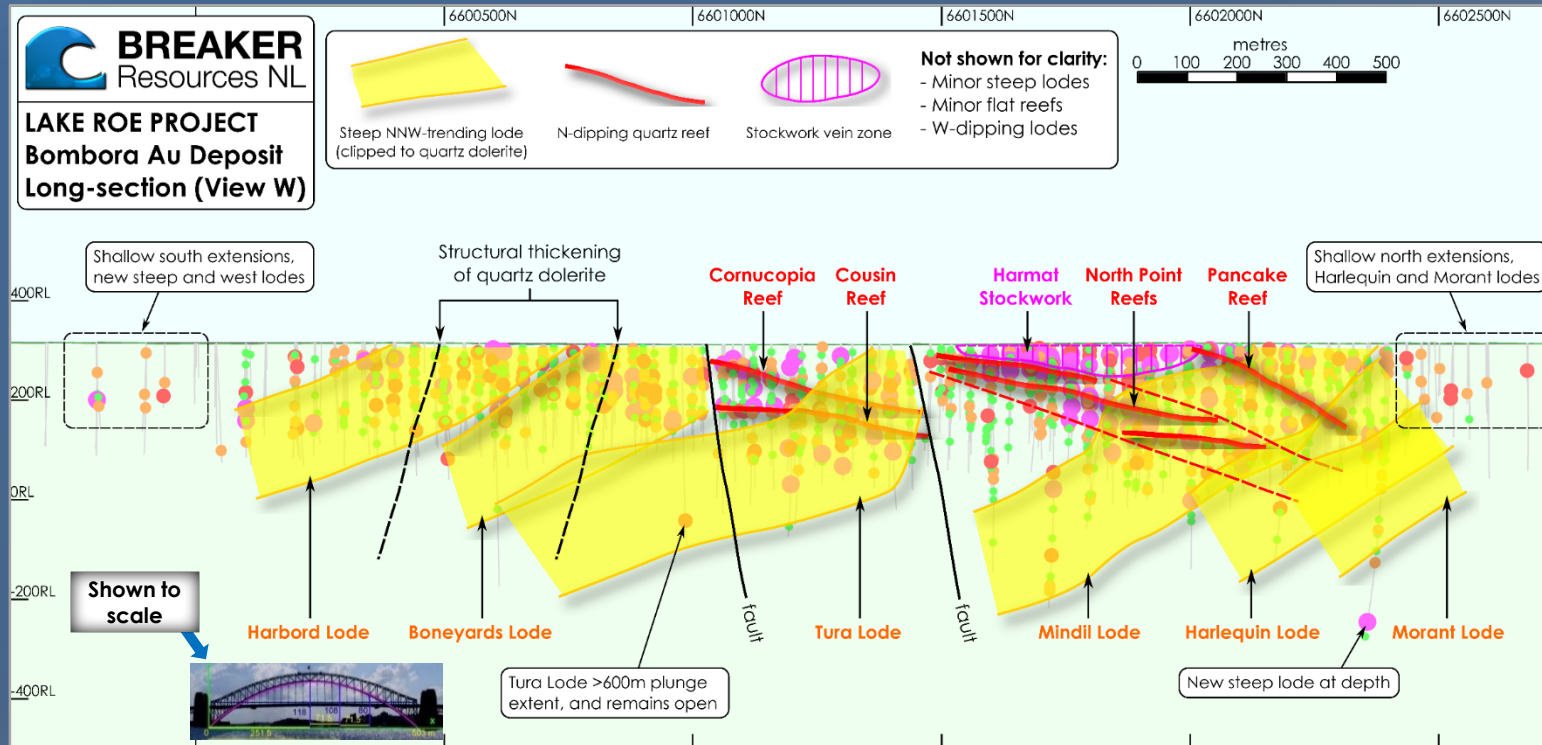
Mark Edwards is a solicitor with over 25 years' experience in resources and corporate law.

Mr Edwards has advised a range of ASX-listed companies active in the resources sector. He has advised on a range of resources projects in Australia and overseas, including significant nickel, gold and iron ore projects. His professional work has involved him in many facets of the resources industry ranging from ASX listings, exploration and mining joint ventures, project development agreements and project financing.



## Some of the best drill hits in Western Australia in the last 2 years (shallow, multiple lodes)

Intercept <sup>1</sup>	Lode	HoleID	Intercept <sup>1</sup>	Lode	HoleID		
25m @ 18.53g/t	from 53m	Harmat stockwork	BBRC0752	1.65m @ 156.83g/t	from 72m	North Point 1 Reef	BBDD0064
7m @ 61.78g/t	from 59m	Cornucopia Reef	BBRC0166	5.36m @ 30.37g/t	from 122m	North Point 2 Reef	BBRD0441
19m @ 17.18g/t	from 126m	Pancake Reef	BBRC0644	12.00m @ 9.80g/t	from 282m	Tura Lode	BBRD0819
3.88m @ 82.11g/t	from 132m	Mindil Lode	BBRD0675	6m @ 17.84g/t	from 155m	Boneyards Lode	BBRC0817

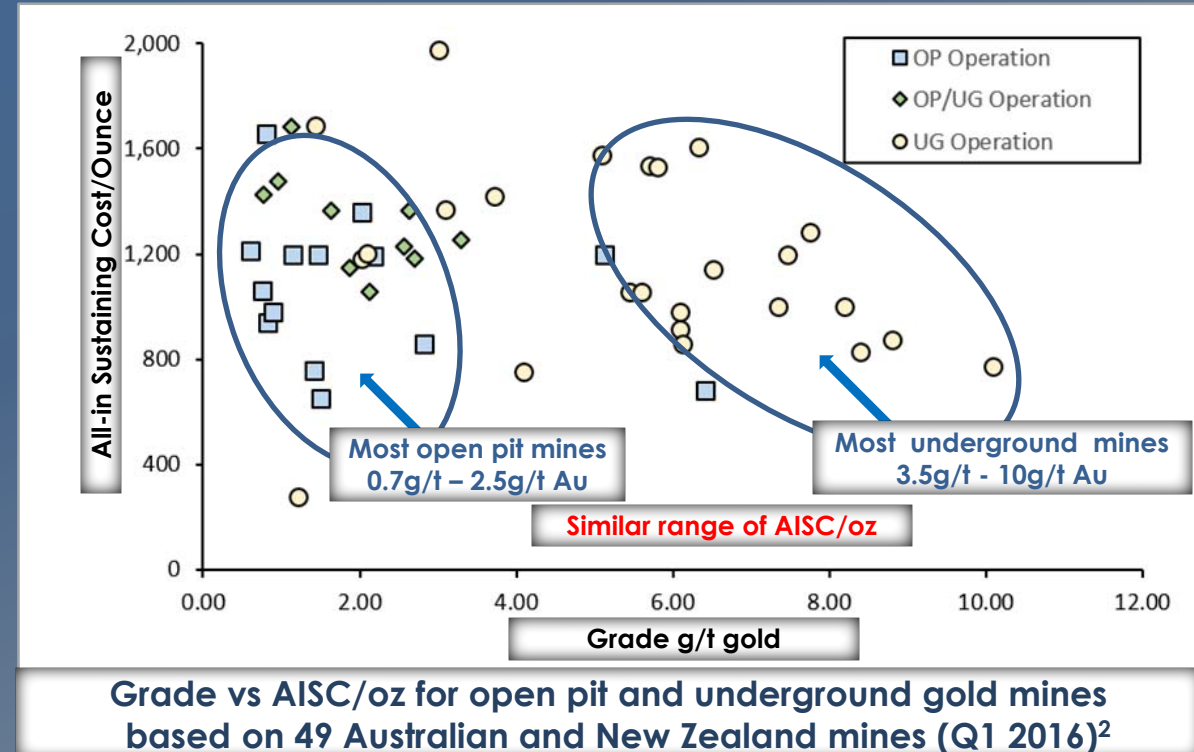
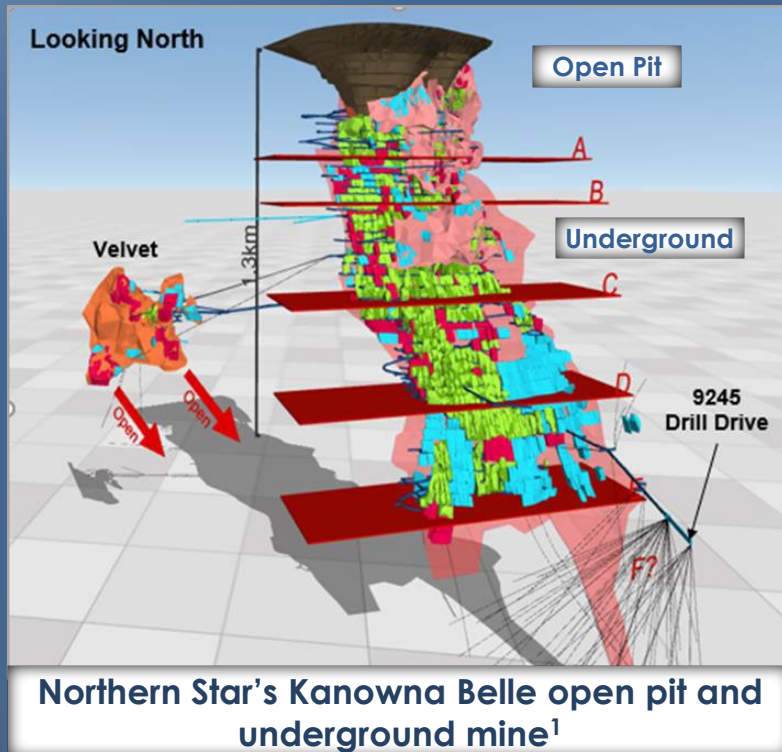


- ✦ 2.5km-long and growing (x5 Sydney Harbour Bridges)
- ✦ Large open pit targeted, then UG mining in the long-term
- ✦ So why aren't the high-grades obvious in the Resource?
- ✦ It is an open pit Resource ...that aims to maximise profit in an open pit (not grade) (open pits have a lower grade threshold for profitability)

<sup>1</sup>All intercepts downhole width at >1g/t Au cut-off grade; ASX Releases 13 June 2018, 7 May 2018, 28 March 2018, 20 February 2018, 17 October 2017, 31 July 2017, 31 January 2017, 10 January 2017 & 21 March 2019

# If grade is king then All-In Sustaining Cost/oz (AISC) is god

When you compare real-world costs in low-grade open pit mines to high-grade underground gold mines *the AISC/oz have a similar range*<sup>2</sup> (based on 49 real-world deposits)  
(the fundamental reason is that mining costs per unit volume are lower in an open pit, a lower profit hurdle)



➔ The ability to undertake early open pit mining is a big advantage that lowers operational risk

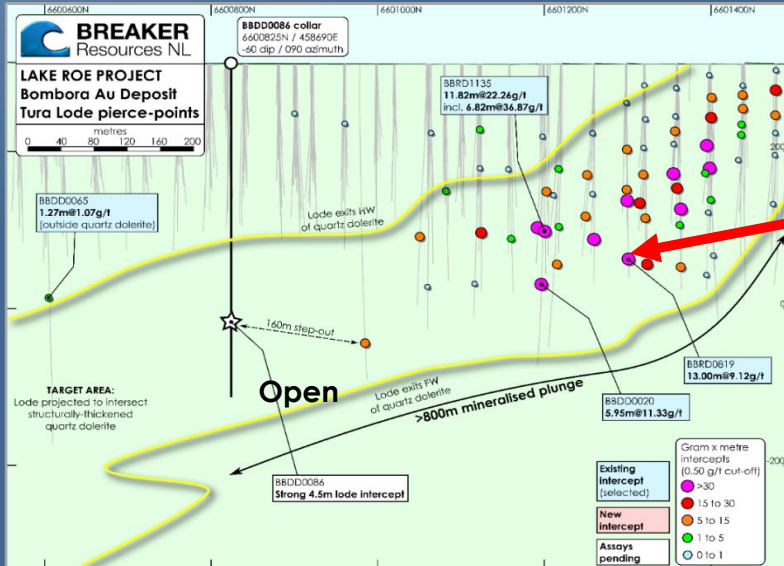
➔ If you can mine underground you have the potential to add multiples to any NPV based only on open pit mining

<sup>1</sup> Northern Star Kalgoorlie Operations Fact Sheet; <http://www.nsrld.com>;

<sup>2</sup> Ulrich et al, *Is grade king? A preliminary analysis of gold production costs at Australian and New Zealand mines*, AusIMM New Zealand Branch Annual Conference 2016

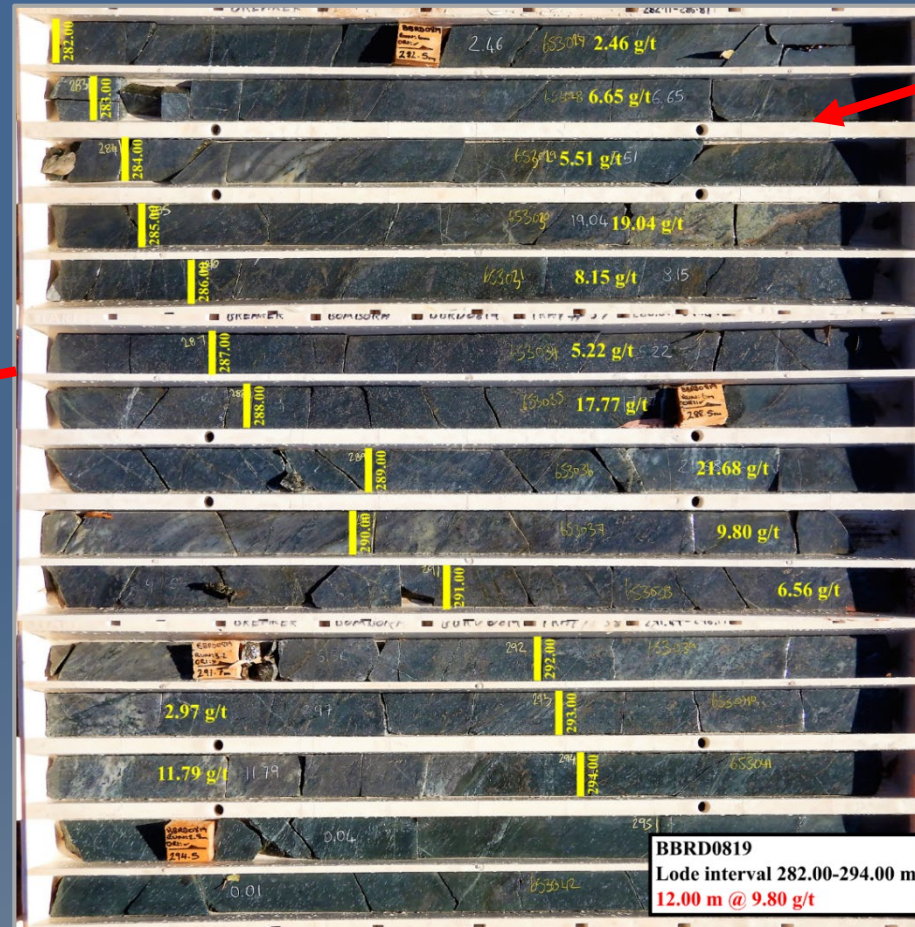


## Deeper drilling below 200mbs – Tura Lode\*



Long Section Tura Lode (looking west)

➔ High grade and continuity

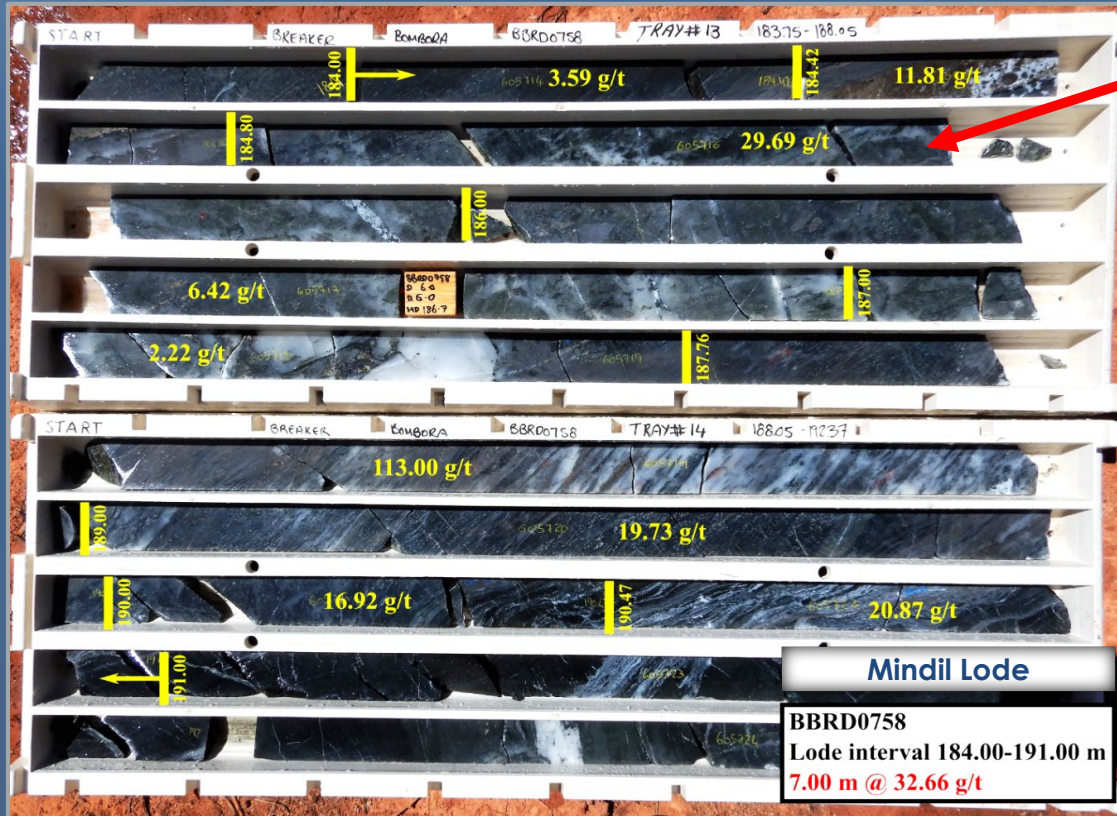


Tura Lode

- ✦ **Tura Lode BBRD0819\*:**  
21m @ 5.74g/t Au including  
12m @ 9.80g/t  
...excellent grade distribution  
...open to south
- ✦ **Nearby intercepts include\*:**
  - ✦ 12m @ 5.72g/t (90m north/up-dip)
  - ✦ 12.25m @ 4.29g/t (50m south/up-dip)
  - ✦ 7.5m @ 9.03g/t (110m south)



## Deeper drilling below 200mbs – Mindil Lode



- ✦ **Mindil Lode BBRD0758\*:**  
7m @ 32.66g/t Au  
...excellent grade distribution  
...open to south and north

- ✦ **Mindil intersections include\*:**
  - ✦ 2.5m @ 18.53g/t
  - ✦ 2.8m @ 17.72g/t
  - ✦ 16m @ 3.20g/t
  - ✦ 10m @ 2.94g/t

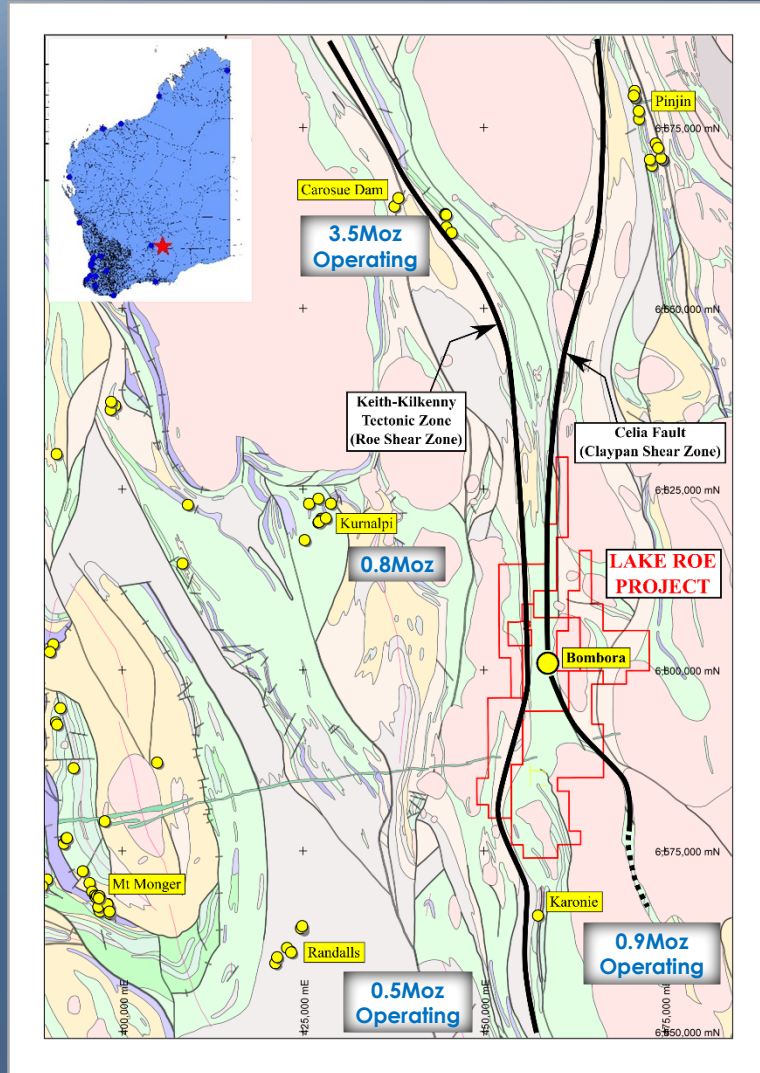
## De-risked growth potential in 6 steps (following slides)

- 1) Tier 1 location 100km east of Kalgoorlie, Western Australia
- 2) De-risked by 220,000m of drilling and still open in all directions with camp-scale growth potential
- 3) A common style of mineralisation with proven continuity and regularity
- 4) Potential for a large, single open pit already demonstrated
- 5) Metallurgy points to high recoveries and low costs
- 6) A lithium wildcard





# (1) Tier 1 location 100km east of Kalgoorlie, WA



- ✦ **8km-long gold system discovered February 2016**  
hidden by thin cover (typically 5-10m)
- ✦ **Situated between 2 large gold deposits**  
Two operating gold plants within ~60km
- ✦ **Large landholding (+550km<sup>2</sup>)**  
**100%-owned; granted mining lease**  
Minor historical exploration  
Dormant for ~20 years
- ✦ **Geological setting**  
Hosted by ~500m-thick fractionated dolerite  
(the dominant mineralisation style in Western Australia)  
Between two major shear zones

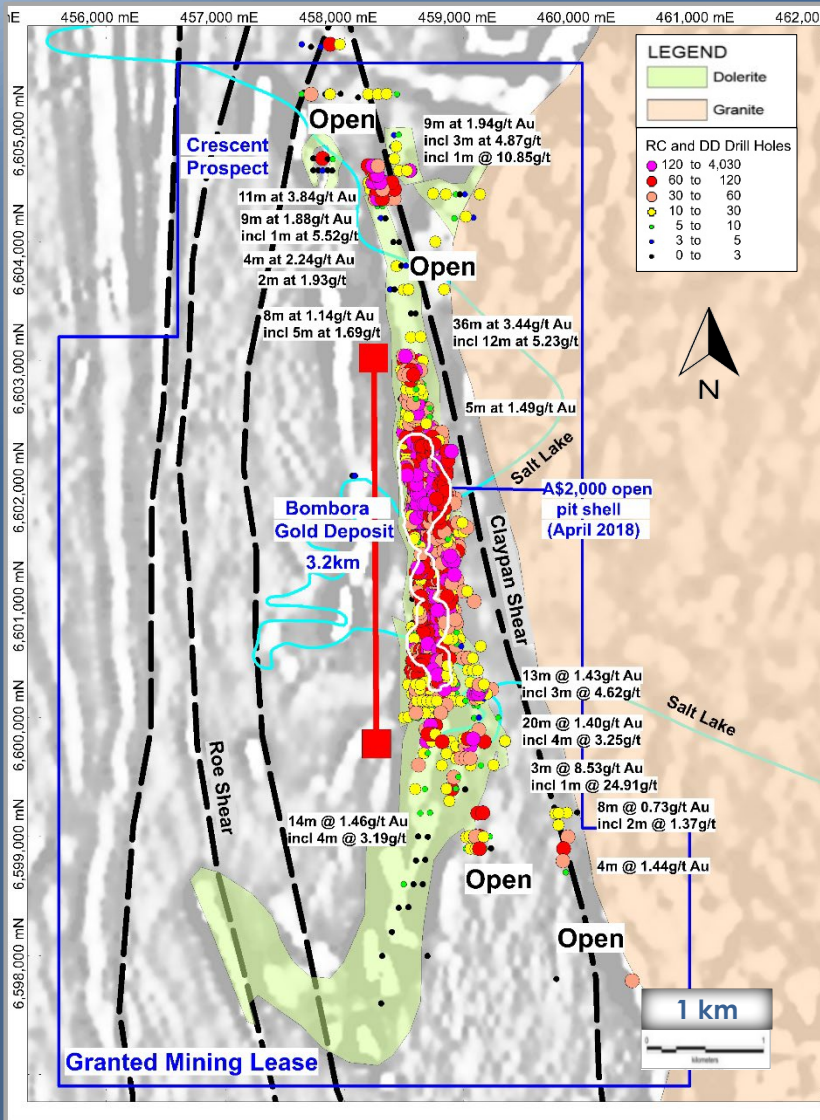


BBRC0329: Visible gold in RC chips\*

➔ **Low-risk Tier 1 jurisdiction with room to grow**



# (2) 220,000m of drilling and still open in all directions



Potential for single, large open pit already demonstrated by shallow drilling in first 3.2km of 8km gold system\*

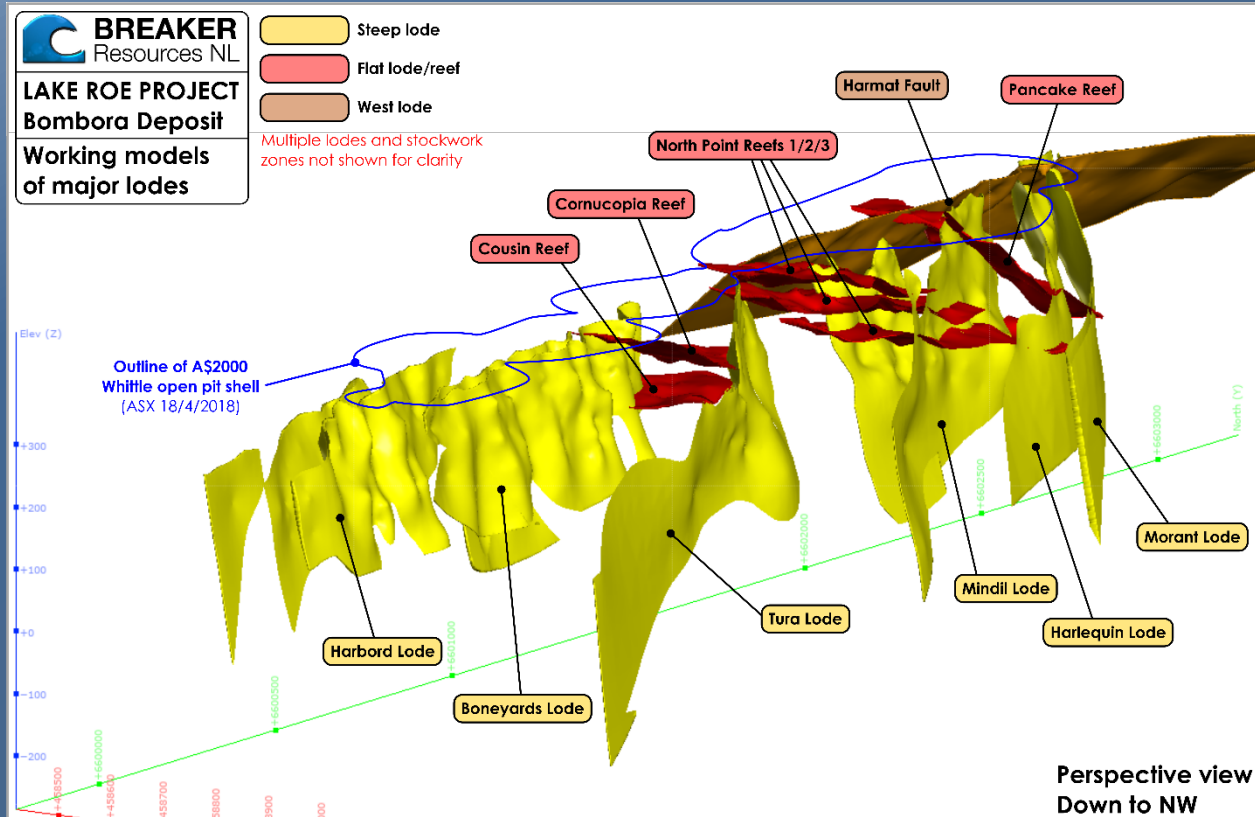
- ✦ 40m x 20m drill pattern needed for definition (20m x 20m every 200m) (minimal drilling consequently expected for DFS)
- ✦ **Phase 1 of Resource drilling completed over 2 years (220,000m)**
  - Still open in all directions
  - Still discovering new lodes after 2 years of Resource drilling
  - Limits of open pit mining still being finalised in some areas
- ✦ **Phase 2 drill planning underway for June/July 2019 startup targeting:**
  - More shallow open pit ounces/further discovery
  - Preliminary quantification of gold at depth below current Resource
  - Sterilisation drilling for infrastructure
- ✦ **Camp-scale growth potential**
  - Many reconnaissance intersections along strike not yet investigated
  - Recent successful drilling at Crescent Prospect and northwards supports this

➔ Growing quickly with camp-scale growth potential

# (3) A common style of mineralisation with proven continuity

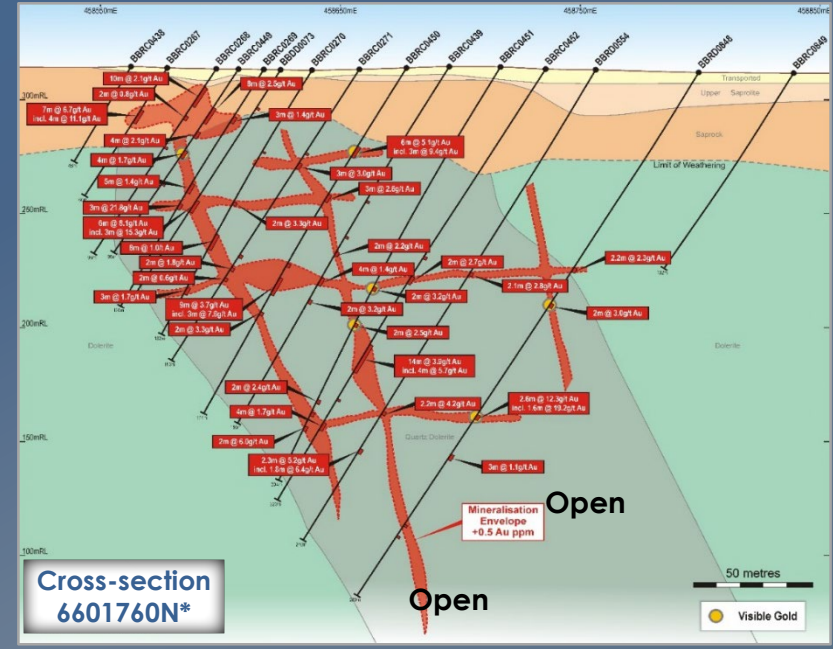
The dominant style in Western Australia...sulphide lodes with ~10% stockwork in dolerite - eg. Paddington, Golden Mile, St Ives

Continuity proven on a drill spacing of 40m x 20m (or 20m x 20m) in cross-section/long-section/3D



3D representation of steep and flat lodes with A\$2,000/oz pit shell\* (not all lodes shown)

- High gold endowment of 5,000-6,000 ounces per vertical metre (OVM)#
- Potential for a large, single open pit already demonstrated



BBDD0020 sulphide lode at 319.9m (39.7g/t Au Tura Lode)\*

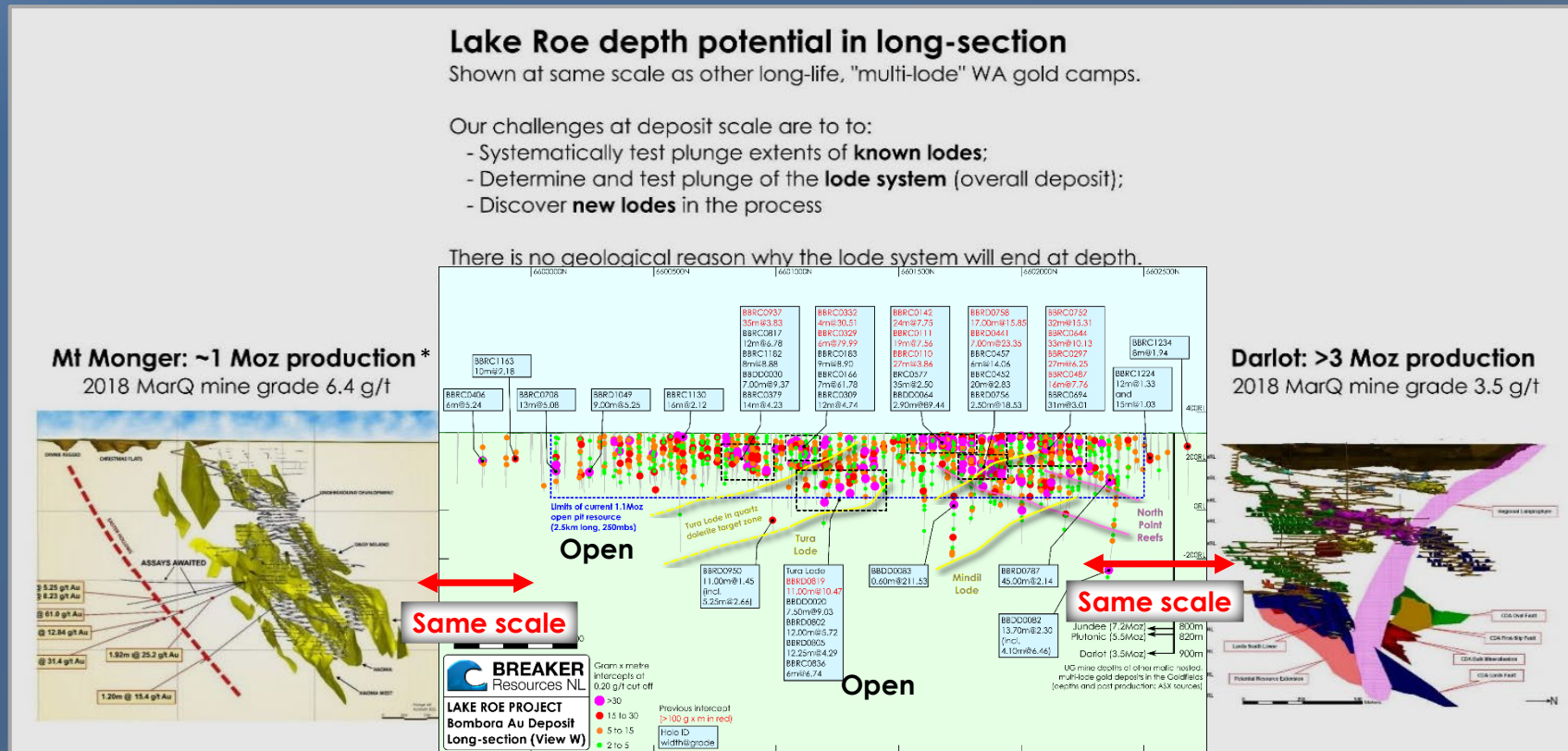
All lodes have fabric and alteration

\*ASX Releases 7 August 2017, 18 April 2018, 26 April 2018, 31 January 2019 & 21 March 2019; #ASX Release 6 September 2018



# (4) A large, single open pit is just the start

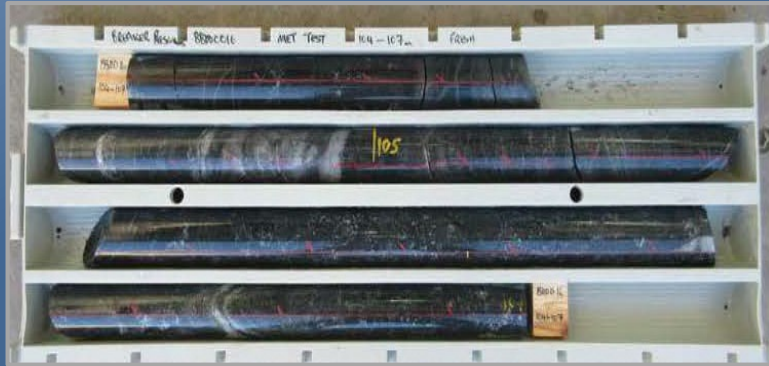
Drilling to date is only scratching the surface in the first 3.2km of an 8km gold system  
 ...but we already see potential for a large standalone development



➔ Large growth potential along strike and at depth



# (5) Metallurgy points to high recoveries and low costs\*



Comminution (oxide/fresh)



Gravity/cyanide extraction (oxide/fresh)

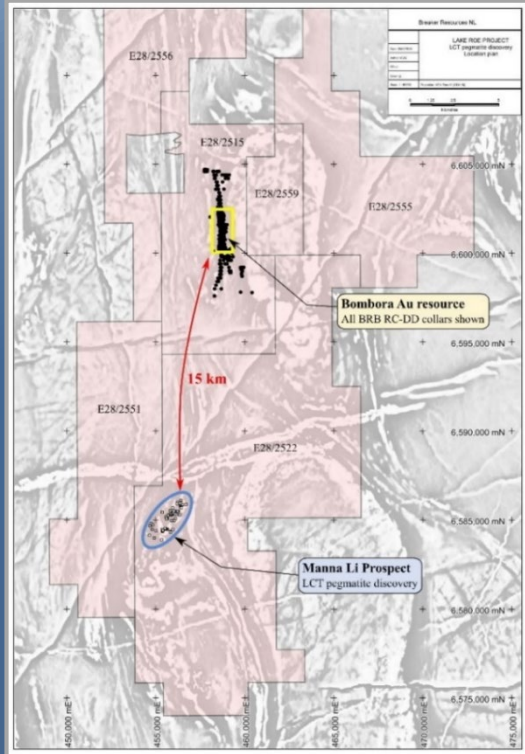
- ✦ **Modest ore hardness**  
Ball mill work index <16kWh/t for fresh mineralisation
- ✦ **Excellent gold recovery**  
96%-99% (oxide & fresh)
- ✦ **High gravity gold** 31%-77% (oxide)  
32%-90% (fresh)
- ✦ **Rapid gold leach kinetics**  
(90% gold in 4 hours)  
Low reagent consumption; no deleterious elements
- ✦ **Aiming for large standalone gold plant**  
(standard gravity/CIP/CIL plant)

➔ **Metallurgical results point to low-cost processing**

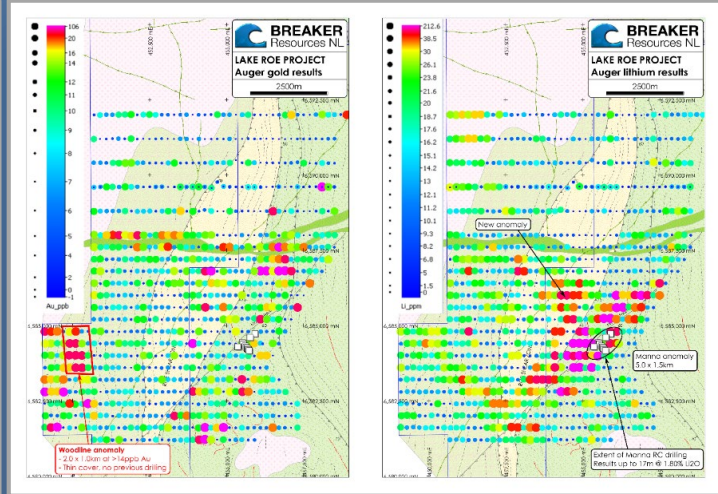
# (6) A lithium wildcard 15km SSW of Bombora

High-grade discovery made while doing reconnaissance gold exploration

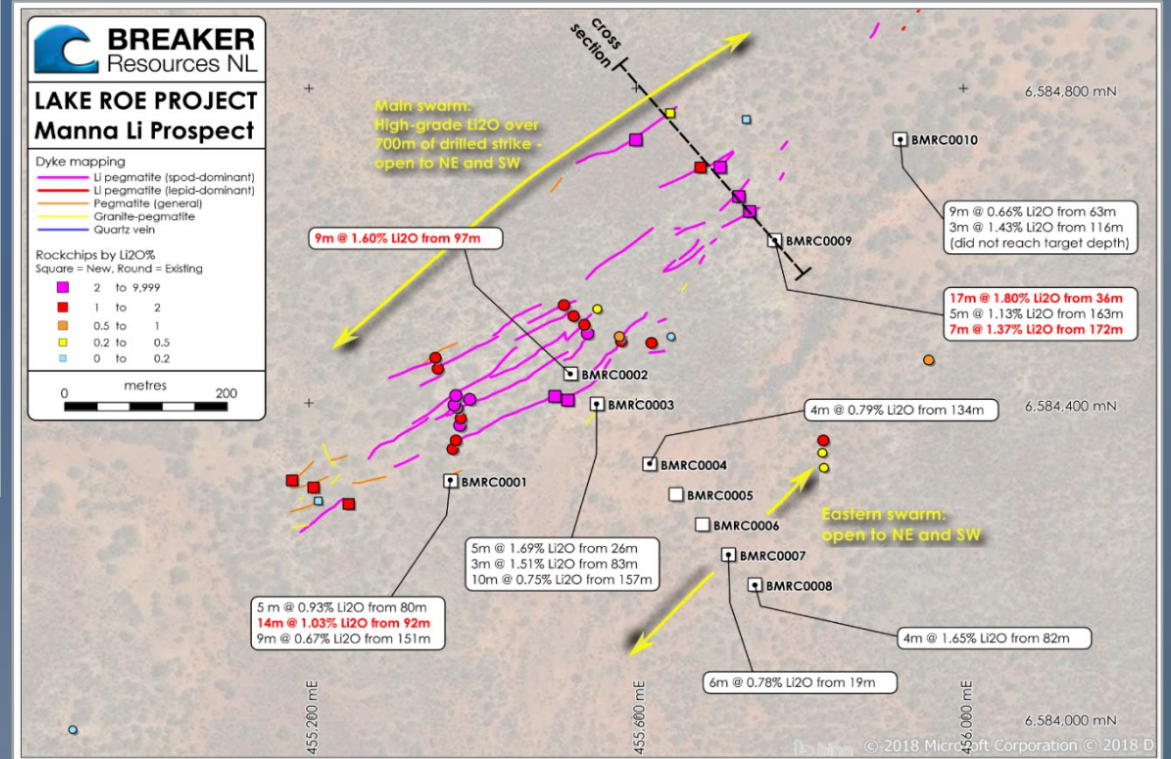
Steps underway to determine size/quality to drive strategy to monetise it to benefit core gold focus



Location: 15km SSW of Bombora Discovery



Spodumene-rich outcrop (long, slender crystals)



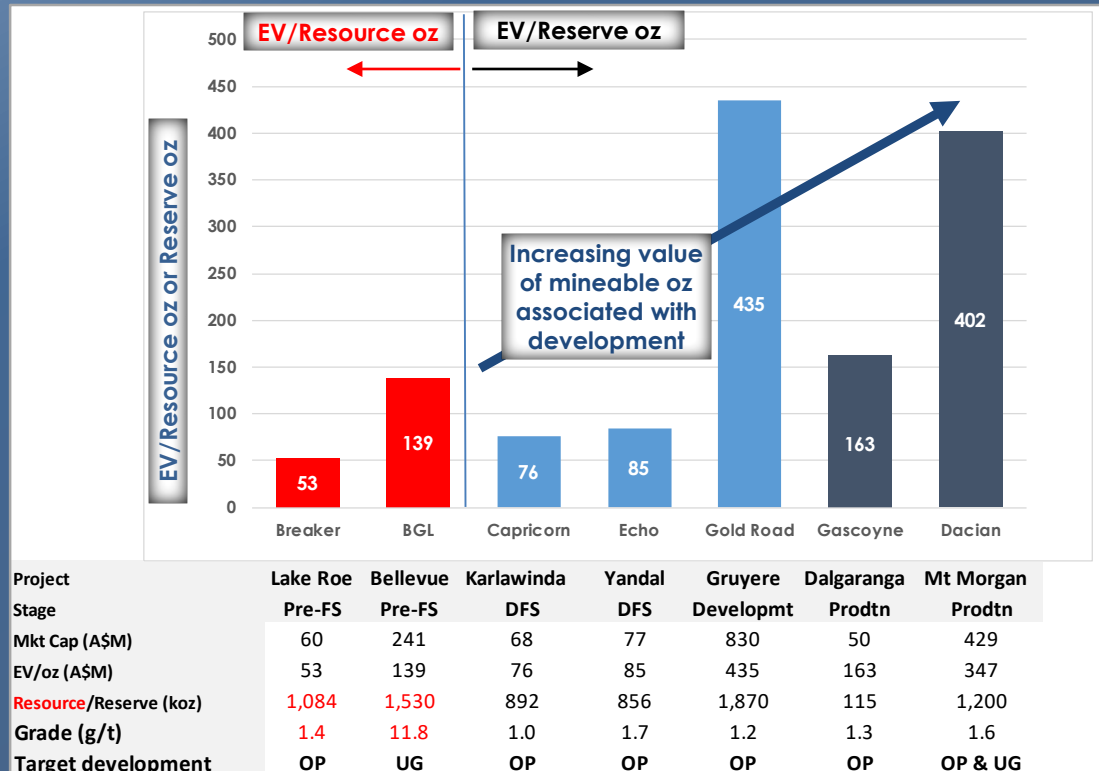
Manna Li<sub>2</sub>O% rock chip results

Unexplored field of outcropping LCT pegmatite discovered over 3km x 1.3km area (limited by extent of mapping and sampling; up to 3.81% Li<sub>2</sub>O, 366ppm Ta<sub>2</sub>O<sub>5</sub> and 251ppm Nb<sub>2</sub>O<sub>5</sub>\*)  
Maiden reconnaissance RC intersections of up to 18m @ 1.80Li<sub>2</sub>O<sup>^</sup>

\*ASX Releases 30 January 2018 & 30 April 2019; ^ASX Release 13 November 2018



## Large-scale upside in a tight capital structure (1.1Moz near-surface Resource# limits downside)



Breaker Enterprise Value (EV) per Resource oz (A\$/oz) compared to peer EV/Reserve oz for recent developers and miners in Australia (Data as of 03/05/2019)<sup>1</sup>

- ✦ **Current value scenario**
  - Undervalued (see recent indep. broker research)
- ✦ **Share Price Catalyst 1**
  - The gold deposit is growing quickly (a bigger pie)
  - Resource update planned July 2019
- ✦ **Share Price Catalyst 2**
  - Mining studies are likely to push any mineable ounces up the value curve towards production
  - Potential for a single, large open pit over 2.0km-long already demonstrated by early open pit optimisations (April 2018) before we added ~500,000oz in September 2018 Resource
- ✦ **Huge upside arguably not factored in**
  - Camp-scale growth potential
  - UG potential

<sup>1</sup> See Appendix 1 for additional information



# A rare, large gold discovery with extensive de-risking and camp-scale upside in a tight capital structure

- High-grade deposit in Tier 1 mining jurisdiction
- 1.1Moz# Resource (60% Indicated); growing quickly
- 220km of drilling to date (proven continuity)
- Optimisation studies confirm large open pit potential
- PFS activities well advanced
- Underground/strike potential not yet factored in
- Metallurgy indicates low-cost processing



Summary of source data for EV/Resource oz and EV/Reserve chart

	BRB	BGL	CMM	EAR	GOR	GCY	DCN
<b>Shares</b> (Appendix 3B)	29/11/2018	28/02/2019	15/04/2019	20/02/2019	27/03/2019	1/04/2019	19/02/2019
<b>Price</b> (ASX Closing Price)	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019
<b>Debt</b> (Quarterly Cashflow Report)	1/05/2019	30/04/2019	30/04/2019	30/04/2019	24/04/2019	29/04/2019	29/04/2019
<b>Cash</b> (Quarterly Cashflow Report)	1/05/2019	30/04/2019	30/04/2019	30/04/2019	24/04/2019	29/04/2019	29/04/2019
<b>Resources/Reserves</b> (ASX Announcement)	6/09/2018	5/02/2018	29/05/2018	6/08/2018	26/10/2018	29/10/2018	29/04/2019

\*Cash adjusted for Appendix 3Bs where relevant

Resource/Reserve category breakdown

	RESOURCES		RESERVES	
	Indicated	Inferred	Proven	Probable
<b>BRB</b>	12.549Mt @ 1.5g/t Au for 624,000oz	12.050Mt @ 1.2g/t Au for 460,000oz	-	-
<b>BGL</b>	-	4.0Mt @ 11.8g/t Au for 1,530,000oz	-	-
<b>CMM</b>	-	-	9.611Mt @ 1.1g/t Au for 337,000oz	17.942Mt @ 1.0g/t Au for 555,000oz
<b>EAR</b>	-	-	3.8Mt @ 2.2g/t for 276,012oz	11.1Mt @ 1.5g/t Au for 593,054oz
<b>GOR</b>	-	-	7.62Mt @ 1.11g/t Au for 270,000oz	41.06Mt @ 1.21g/t Au for 1,600,000oz
<b>GCY</b>	-	-	2.8Mt @ 1.4g/t Au for 122,500oz	12.4Mt @ 1.2g/t Au for 490,000oz
<b>DCN</b>	-	-	6.799Mt @ 1.3g/t Au for 284,000oz	19.938Mt @ 1.7g/t Au for 1,105,000oz