A rare new gold discovery with scale, high-grade mining options and multimillion ounce growth potential\*

Swiss Mining Institute Investment Conference Zurich-Geneva, 26-27 March 2019

> Tom Sanders Executive Chairman



Lake Roe Gold Project, Kalgoorlie, Western Australia

\*ASX Release 6 September 2018

- ➤ PROJECT ✓
   1.1Moz Resource<sup>#</sup> with high-grade, mining optionality<sup>\*</sup>
   "Camp scale" growth potential in tight capital structure
- **\times PEOPLE**  $\checkmark$  **Experienced management aligned with shareholders**
- ✓ VALUE ✓ Early on typical project value growth curve Systematic de-risking
- CATALYSTS ✓ Resource update in April/May 2019
   PFS well advanced (open pit only; UG to come)
   Growing quickly with ongoing aggressive drilling



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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	Classification	Tonnes	Au (g/t)	Ounces
Notes:	Indicated	12,549,000	1.5	624,000
<ul> <li>Reported at 0.5 g/t Au cut-off</li> <li>All figures rounded to reflect the appropriate level of confidence (apparent differences may occur due to rounding)</li> </ul>	Inferred	12,050,000	1.2	460,000
	Total	24,599,000	1.4	1,084,000



### Dual focus on rapid resource growth and getting into early open pit production quickly

- ★ Gold from surface, no mining legacy issues, extensive de-risking
- Growing quickly 500,000oz added in 5 months pre-1.1Moz September 2018 Resource<sup>#</sup>
  - 4 drill rigs operating continuously (210,000m completed)
  - Open in all directions/still discovering new lodes
  - A\$18/oz discovery cost overall^; A\$11/oz\* in 5 months pre-Resource
- ▼ Open pit gold Resource<sup>#</sup> (~60% Indicated; conservative 0.2g/t Au lower cut-off)
  - High-grade mining options 1.1Moz (24.6Mt @ 1.4g/t Au)
    - includes 0.8Moz @ 2.0g/t Au
    - includes 0.5Moz @ 3.4g/t Au
  - 790,000oz within 150m of surface (limited by extent of drilling)
  - Resource update planned April/May 2019
- Pre-feasibility study (PFS) targeting low-risk open pit well-advanced
  - Timing linked to finding outer limits of open pit mining (an enviable problem)
  - UG potential won't be in early PFS
- **×** High-grade underground resource pending (using higher cut-off grade)
  - Intersections not in Resource<sup>+</sup> (-250mbs) eg. 5.95m @ 11.33g/t Au





100km east of Kalgoorlie Western Australia

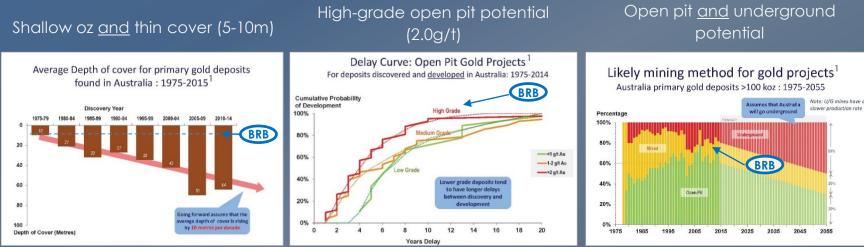


# Perspective: discoveries like this are rare worldwide

### 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		Open pit (limited UG)
Bellevue	1.5Moz	2018	Bellevue		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



**Breaker Resources NI** 

<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



### **Corporate Summary and Capital Structure**

Experienced mining industry professionals aligned with shareholders

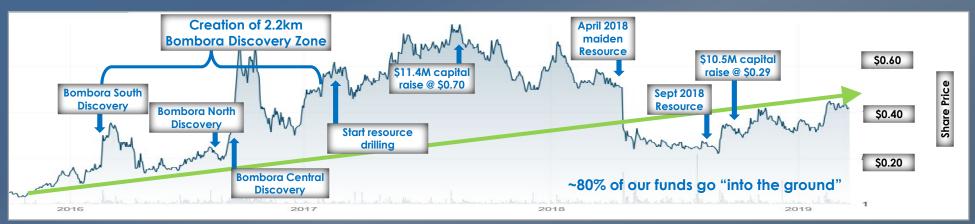
#### Corporate/Technical Team

- Tom SandersExecutive Chairman (geologist)
- **Mike Kitney** Non-Executive Director (process engineer)
- Mark Edwards Non-Executive Director (lawyer)
- **Linton Putland** Non-Executive Director (mining engineer)
- Michelle Simson Company Secretary
- Alastair Barker Exploration Manager

### **Capital Structure**

- Issued Securities 182.7m fully paid shares
   (4.6m partly paid shares; 5.7m unlisted options)
- **Market capitalisation** \$81.3m (\$0.445/share; 22/03/2019)
- ➤ Cash \$6.9m (31/12/2018) No debt
- **Strong share register Directors** 14% **Top 20** 51%

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



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**Three Year Share Price Chart** 



### **Board of Directors**

### 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 strenaths 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

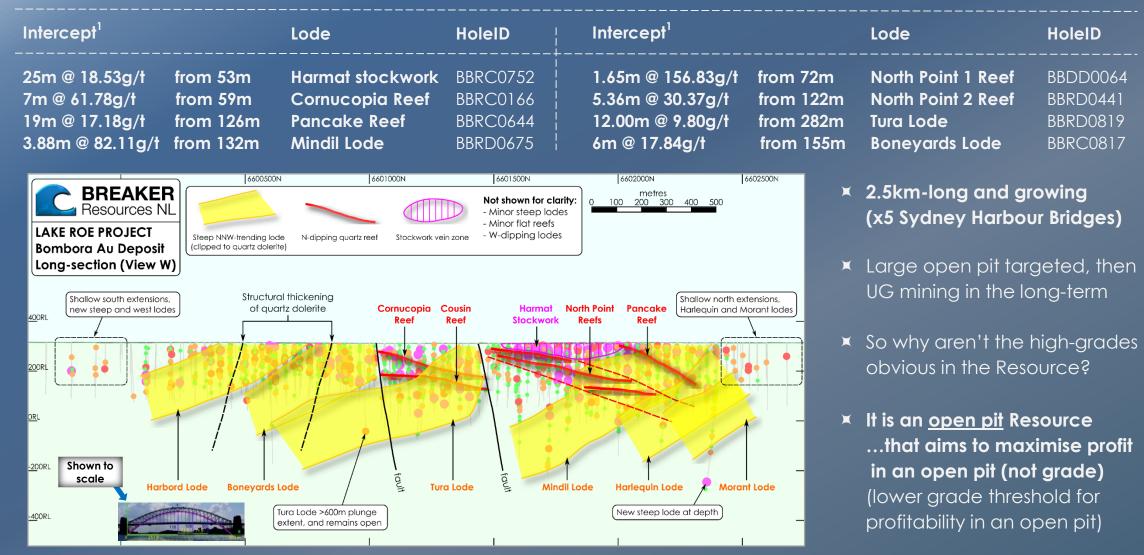
Mark Edwards is a solicitor with over 25 years' experience in resources and corporate law.

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.



# Seriously big with high-grade mining options

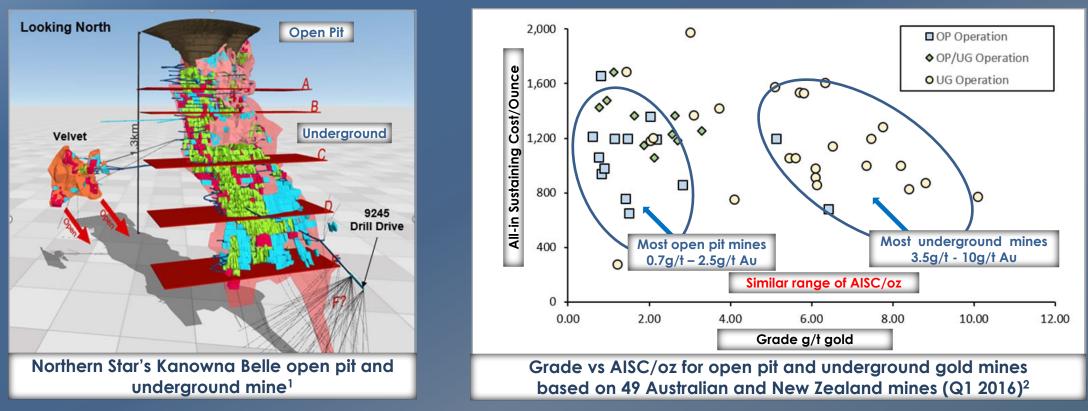
### Some of the best drill hits in Western Australia in last 2 years (shallow, multiple lodes)





### 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 (based on 49 real-world deposits), the AISC/oz have a similar range<sup>2</sup> (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

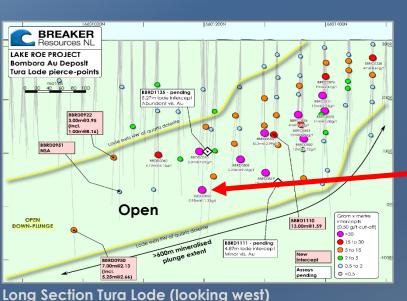
Northern Star Kalgoorlie Operations Fact Sheet; http://www.nsrltd.com;

S 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



### This is the basis of our confidence in long-term underground mining

### Deeper drilling below 200mbs – Tura lode







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)
- x 7.5m @ 9.03g/t(110m south)



### This is the basis of our confidence in long-term underground mining

### 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\*:

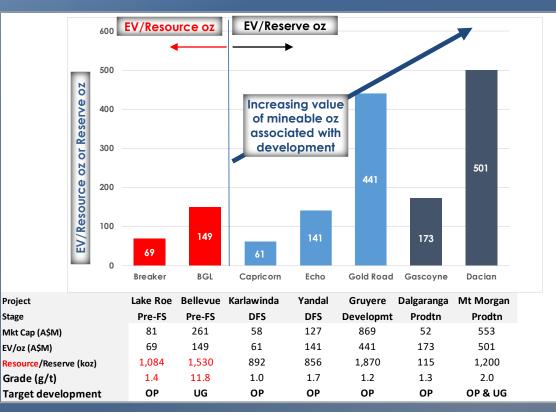
- × 2.5m@18.53g/t
- × 2.8m @ 17.72g/t
- × 16m @ 3.20g/t
- × 10m @ 2.94g/t

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# Value, imminent catalysts and camp-scale upside

Large-scale upside in a tight capital structure (1.1Moz near-surface Resource<sup>#</sup> 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 22/03/2019)<sup>1</sup>

#### × Current value scenario

- Undervalued (see recent indep. broker research)
- Price mismatch between BRB and chosen peer (a great story) due to market focus on grade vs potential AISC?

#### ★ Share Price Catalyst 1

- The gold deposit is growing quickly (a bigger pie)
- Resource update planned April/May 2019

### × Share Price Catalyst 2

- Mining studies are likely to push any mineable ounces up the value curve towards production
- Early open pit optimisations (April 2018) have already demonstrated potential for a single, large open pit over 2.0km-long <u>before</u> we added ~500,000oz in September 2018 Resource
- Open pit PFS is well-advanced
- Upside arguably not factored in
  - UG potential
  - Camp-scale growth potential



### Serious de-risking and large upside in 8 steps

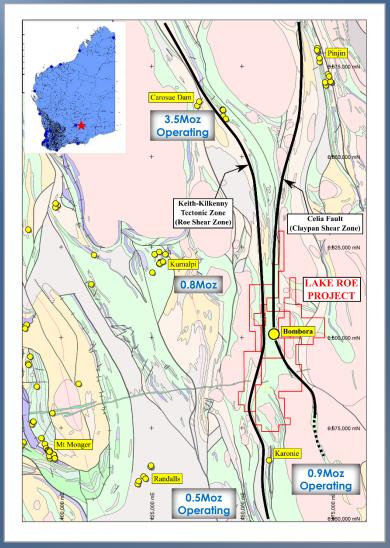
### De-risked growth potential in 8 steps (following slides)

- 1) Tier 1 location 100km east of Kalgoorlie, Western Australia
- 2) De-risked by 210,000m of drilling but still open in all directions with camp-scale growth potential
- 3) Exceptional drill intersections close to surface and up to 400m below surface
- 4) A common style of mineralisation with proven continuity and regularity
- 5) High gold endowment underpins mining potential (open pit and underground)
- 6) Potential for a large, single open pit already demonstrated
- 7) Metallurgy points to high recoveries and low costs
- 8) 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
   Minor historical exploration
   Dormant for ~20 years



× Geological setting

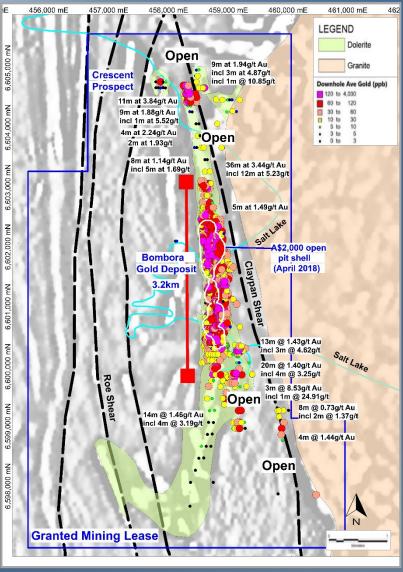
Hosted by ~500m-thick fractionated dolerite (the dominant mineralisation style in Western Australia) Between two major shear zones

→ Low-risk Tier 1 jurisdiction with room to grow

Lake Roe Project Location



# (2) 210,000m of drilling and still open in all directions



Shallow drilling in first 3.2km of 8km gold system with demonstrated potential for single, large open pit\*

#### × Drilling underway with 4 rigs

- Open in all directions after 210,000m of drilling (28% diamond drilling)
- Still discovering new lodes after 2 years of resource drilling
- Open pit potential growing to north, south, east and at depth (relative to April 2018 A\$2,000 open pit shell)
- Main focus on finding the limits of open pit mining (and JORC upgrade drilling and extensional drilling along strike/at depth)
- 40m x 20m drill pattern needed for definition (20m x 20m every 200m) (minimal drilling consequently expected for BFS)

#### × Camp-scale growth potential

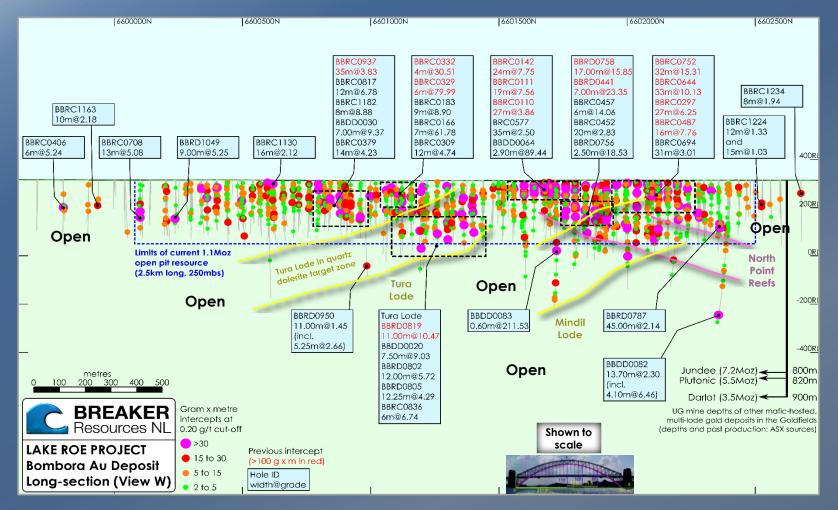
Many reconnaissance intersections along strike not yet investigated Recent successful drilling at Crescent Prospect supports this

Growing quickly with camp-scale growth potential

RC & DD - Downhole average gold (ppb)\*

# (3) Exceptional high-grade drill hits close to surface

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

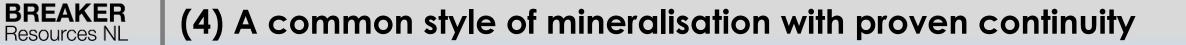


BREAKER

**Resources NL** 

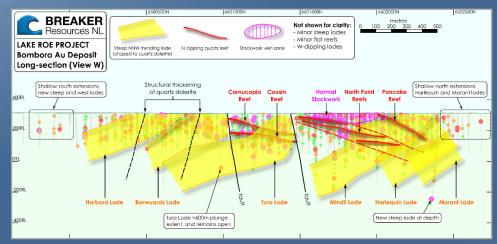
Shallow, high-grade gold points to low-cost open pit mining (PFS) Deeper intercepts point to emerging long-term underground potential

- 1.1Moz open pit Resource<sup>#</sup>
   ~790,000oz above 150mbs (open all directions)
- ▼ Limited by extent of drilling
- Resource limited to 250mbs (deepest intercept 400mbs)
- This style of gold deposit usually extends at depth to the limits of economic mining

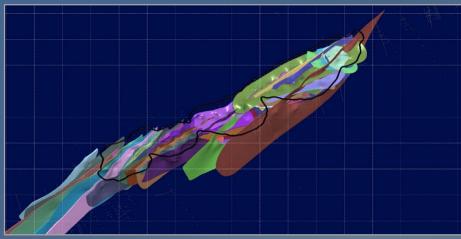


The dominant style in Western Australia...sulphide lodes with ~10% stockwork in dolerite - eg. St Ives, Paddington, Golden Mile

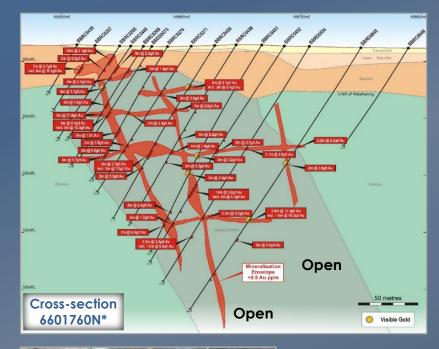
Continuity proven on a drill spacing of 40m x 20m (or 20m x 20m) in cross-section/long-section/3D



Three-D schematic looking west\*



3D representation of steep and flat lodes with A\$2,000/oz pit shell\*





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

All lodes have fabric and alteration

Projec

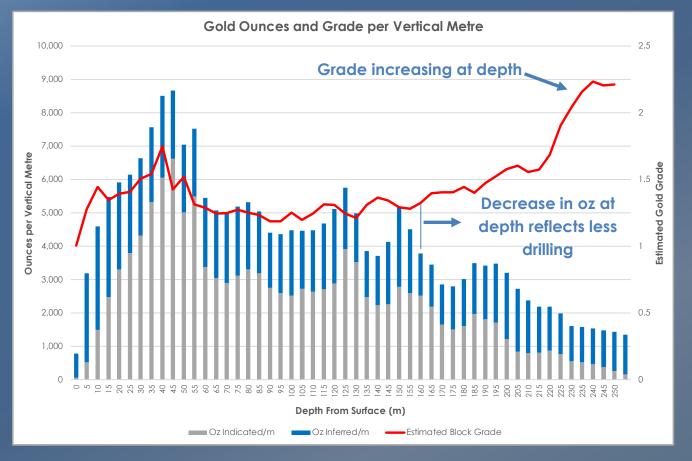
Gold I

Roe



# (5) High gold endowment underpins mining potential

# High gold endowment of 5,000-6,000 ounces per vertical metre (OVM)\* (1,000 OVM is a rough minimum yardstick for assessing underground mining potential)



Underpins open pit and UG mining potential

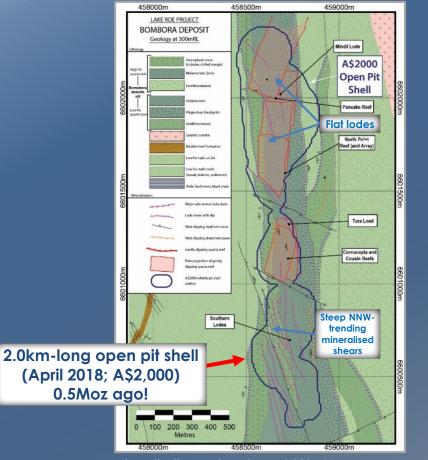
➤ Quality ounces close to surface (~790,000oz above 150mbs)

 Decrease in OVM below 150m due to limited drilling below 150mbs

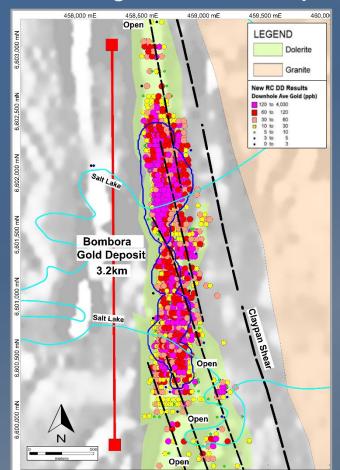


### (6a) Potential for a large, single open pit already demonstrated

# Early open pit optimisations (April 2018) have already confirmed potential for a single open pit over 2.0km-long prior to adding ~500,000oz in September 2018 Resource



**Mineralisation and geology at 300mRL** (slice of 3D model; 15m below surface)\*



**RC and diamond drill hole location plan** (colour-coded by average downhole gold)\*

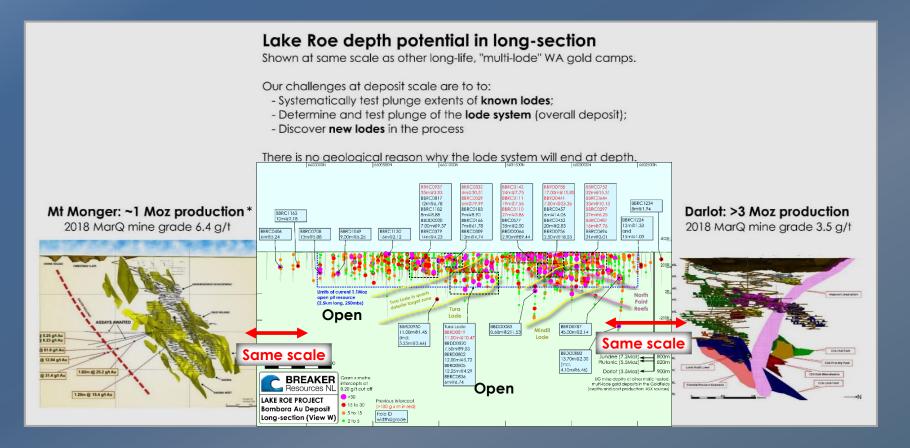
- Extensional drilling still looking to identify the outer limits of open pit mining
- PFS timing linked to this (to "fix" the goal posts in preparation for full feasibility)
- Underground resource planned once open pit limits are finalised

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# (6b) 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

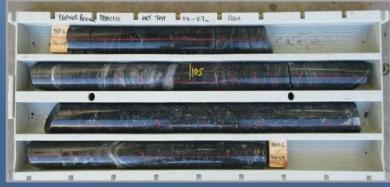


→ Large growth potential along strike <u>and</u> at depth

\*Mt Monger production & long section: Silver Lake Resources Limited (ASX: SLR) March 2018 Quarterly Activities Repo ^Darlot production & long section: Red 5 Limited (ASX: RED) March 2018 Quarterly Activities Report & 2017 Annual Report respective



# (7) 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)

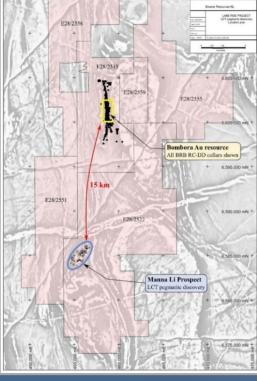
### Metallurgical results point to low-cost processing



# (8) The lithium wildcard 15km SSW of Bombora

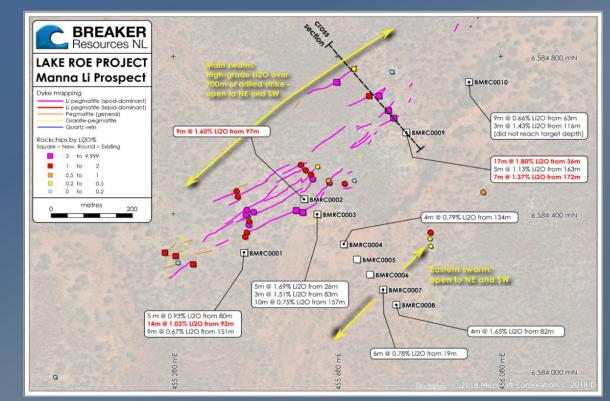
### High-grade discovery made while doing reconnaissance gold exploration

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





**Spodumene-rich outcrop** (long, slender crystals)



Location: 15km SSW of Bombora Discovery

Manna Li<sub>2</sub>0% rock chip results

Unexplored field of <u>outcropping</u> LCT pegmatite discovered over 3km x 1.3km area (limited by extent of mapping and sampling; up to 3.81%  $Li_2O$ , 366ppm  $Ta_2O_5$  and 251ppm  $Nb_2O_5^*$ ) Maiden reconnaissance RC intersections of up to 18m @ 1.80 $Li_2O^*$ 

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

- **×** High-grade deposit<sup>\*</sup> in Tier 1 mining jurisdiction
- × 1.1Moz<sup>#</sup> Resource (60% Indicated); growing quickly
- × 210km of drilling to date (proven continuity)
- ✓ Optimisation studies confirm large open pit potential<sup>^</sup>

ASX Release 6 September 2018; ^ASX Rélease 18 April 2018; \*ASX Releases J

- × PFS activities well advanced
- × Underground potential not yet factored in
- Metallurgy indicates low-cost processing<sup>+</sup>



### **Appendix 1**

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

	BRB	BGL	СММ	EAR	GOR	GCY	DCN
Shares (Appendix 3B)	29/11/2018	28/02/2019	27/02/2019	20/02/2019	19/10/2018	5/10/2018	19/02/2019
Price (ASX Closing Price)	22/03/2019	22/03/2019	22/03/2019	22/03/2019	22/03/2019	15/03/2019	22/03/2019
Debt (Quarterly Cashflow Report)	31/01/2019	30/01/2019	15/01/2019	31/01/2019	31/01/2019	31/01/2019	31/01/2019
Cash (Quarterly Cashflow Report)*	31/10/2018	30/01/2019	15/01/2019	31/01/2019	31/01/2019	31/01/2019	31/01/2019
Resources/Reserves (ASX Announcement)	6/09/2018	5/02/2018	29/05/2018	6/08/2018	26/10/2018	29/10/2018	21/11/2016

\*Cash adjusted for Appendix 3Bs where relevant

#### Resource/Reserve category breakdown

	RESOU	IRCES	RESERVES		
	Indicated	Inferred	Proven	Probable	
BRB	12.549Mt @ 1.5g/t Au for 624,000oz	12.050Mt @ 1.2g/t Au for 460,000oz			
BGL	-	4.0M† @ 11.8g/t Au for 1,530,000oz		-	
CMM		-	9.611Mt @ 1.1g/t Au for 337,000oz	17.942Mt @ 1.0g/t Au for 555,000oz	
EAR	-	-	3.8M† @ 2.2g/t for 276,012oz	11.1Mt @ 1.5g/t Au for 593,054oz	
GOR		-	7.62M† @ 1.11g/t Au for 270,000oz	41.06Mt @ 1.21g/t Au for 1,600,000oz	
GCY	- · · · · · · · · · · · · · · · · · · ·		2.8M† @ 1.4g/† Au for 122,500oz	12.4M† @ 1.2g/t Au for 490,000oz	
DCN	-		1.1Mt @ 2.4g/t Au for 85,000oz	17.475Mt @ 2.0g/t Au for 1,115,000oz	