



Lake Roe Gold Project, Kalgoorlie, Western Australia



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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		Αυ (g/t)	Ounces	
Indicated	12,549,000	1.5	624,000	
Inferred	12,050,000	1.2	460,000	
Total	24,599,000	1.4	1,084,000	



## BRB Snapshot: a large new gold discovery 100km from Kalgoorlie, WA

## 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<sup>^</sup>
  - 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)



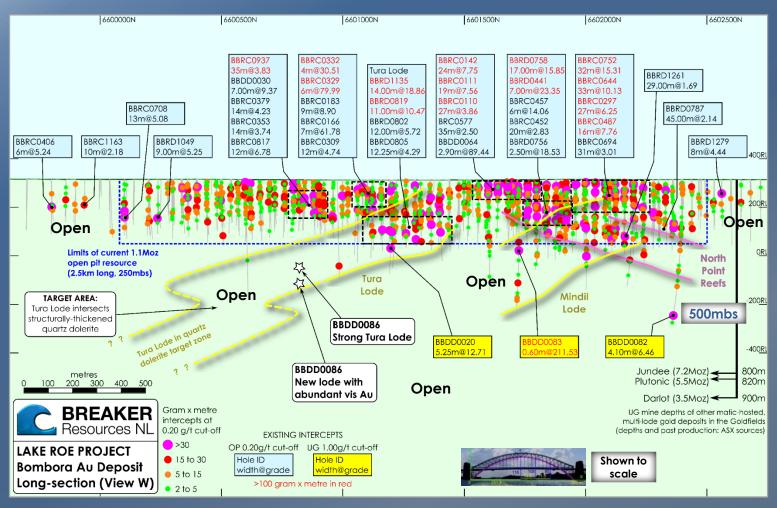
100km east of Kalgoorlie
Western Australia





# 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<sup>^</sup>)

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



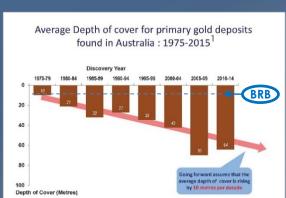
## Perspective: discoveries like this are rare worldwide

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

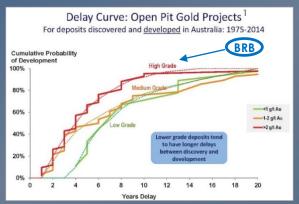
Bombora	1.1Moz	2016	Breaker (growing quickly)		Open pit & UG potential
Gruyere	6.2Moz	2013	Gold Road		Open pit
Tropicana	8.0Moz	2006	Anglo Gold		Open pit (limited UG)
Bellevue	1.5Moz	2018	Bellevue		UG
Mt Morgan	3.0Moz	2015	Dacian		Open pit & UG
Invincible	1.3Moz	2012	Gold Fields		Open pit & UG
Garden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

#### Bombora Discovery: Lake Roe Gold Project

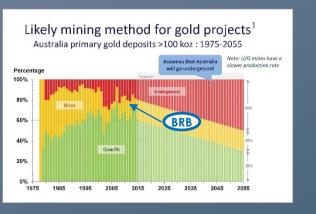
Shallow oz <u>and</u> thin cover (5-10m)



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



Open pit <u>and</u> underground potential





# Corporate Summary and Capital Structure

### Experienced mining industry professionals aligned with shareholders

## **Corporate/Technical Team**

Tom Sanders Executive 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

<u>Alastair Barker</u> Exploration Manager

## **Capital Structure**

Issued Securities 182.7m fully paid shares
 (4.6m partly paid shares; 9.9m unlisted options)

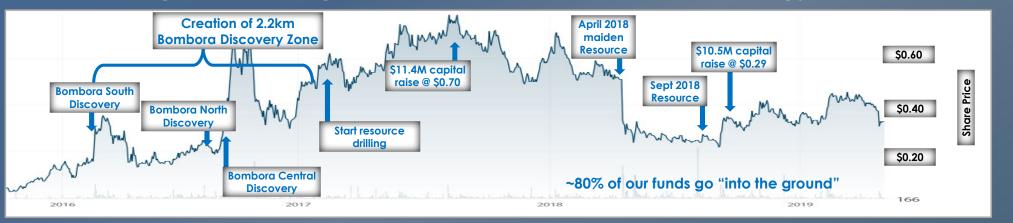
 $\times$  Market capitalisation \$60.3m (\$0.33/share; 03/05/19)

**X** Cash \$3.3m (31/03/19)

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





## **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

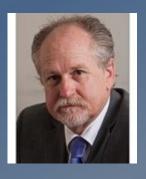
Mike Kitney is a process engineer with over 40 years' experience in the mining industry. He has participated in the development and construction of projects throughout Australia, Africa, south east Asia and the former Soviet Union. Mr Kitney's particular strenaths are in production and mineral processing, 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.

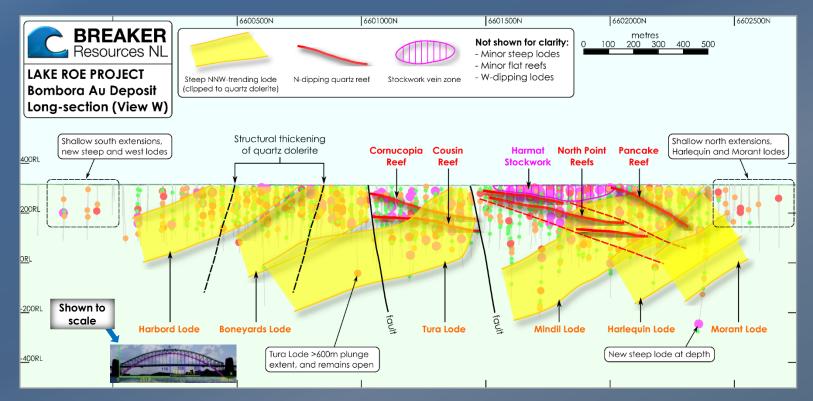
Mr Edwards has advised a range of ASX-listed companies active in the resources sector. He has advised on a range of resources projects in Australia and overseas, including significant nickel, gold and iron ore projects. His professional work has involved him in many facets of the resources industry ranging 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 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 7m @ 61.78g/t from 59m 19m @ 17.18g/t from 126m 3.88m @ 82.11g/t from 132m	Harmat stockwork Cornucopia Reef Pancake Reef Mindil Lode	BBRC0752   BBRC0166   BBRC0644   BBRD0675	1.65m @ 156.83g/t from 72m 5.36m @ 30.37g/t from 122n 12.00m @ 9.80g/t from 282n 6m @ 17.84g/t from 155r	n North Point 2 Reef n Tura Lode	BBDD0064 BBRD0441 BBRD0819 BBRC0817

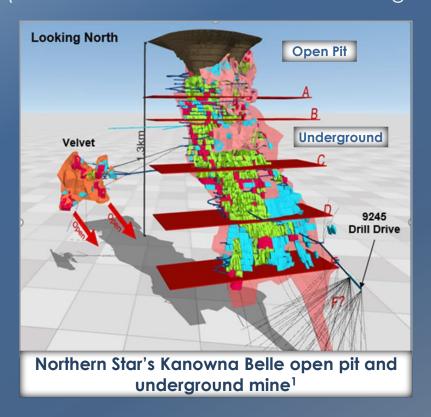


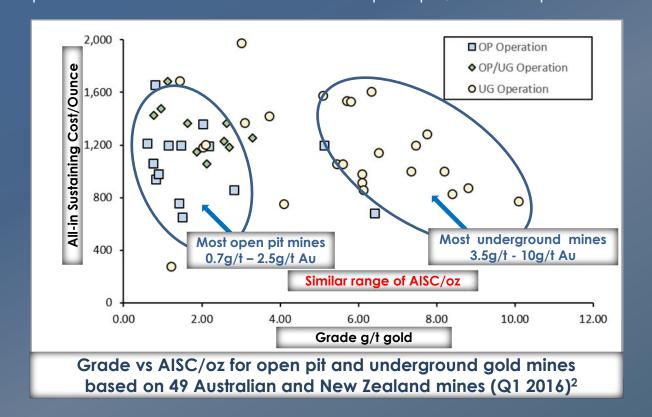
- 2.5km-long and growing (x5 Sydney Harbour Bridges)
- ▲ Large open pit targeted, thenUG mining in the long-term
- ➤ So why aren't the high-grades obvious in the Resource?
- It is an open pit Resource ...that aims to maximise profit in an open pit (not grade) (open pits have a lower grade threshold for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



# 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)





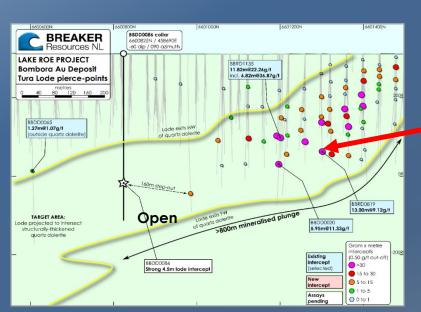
The ability to undertake early open pit mining is a big advantage that lowers operational risk

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



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

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



Long Section Tura Lode (looking west)

→ High grade and continuity



➤ 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)
- x 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



# Systematic de-risking and growth potential in 6 steps

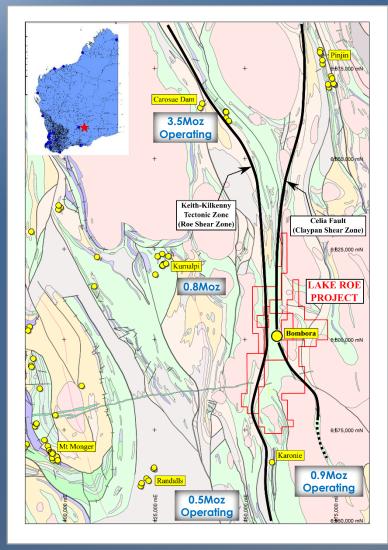
## De-risked growth potential in 6 steps (following slides)

- 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 (+550km²)
   100%-owned; granted mining lease
   Minor historical exploration
   Dormant for ~20 years



BBRC0329: Visible gold in RC chips\*

Geological setting

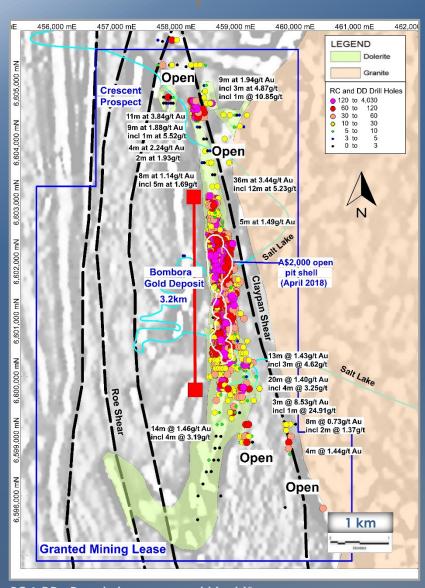
Hosted by ~500m-thick fractionated dolerite (the dominant mineralisation style in Western Australia) Between two major shear zones

→ Low-risk Tier 1 jurisdiction with room to grow

Lake Roe Project Location



# (2) 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\*

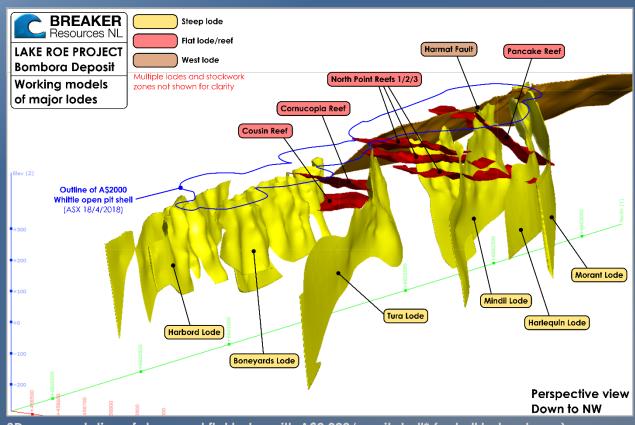
- 40m x 20m drill pattern needed for definition (20m x 20m every 200m) (minimal drilling consequently expected for DFS)
- Phase 1 of Resource drilling completed over 2 years (220,000m)
  - Still open in all directions
  - Still discovering new lodes after 2 years of Resource drilling
  - Limits of open 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

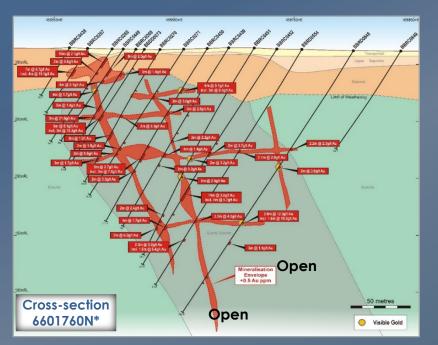
The dominant style in Western Australia...sulphide lodes with ~10% stockwork in dolerite - eg. Paddington, Golden Mile, St Ives

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





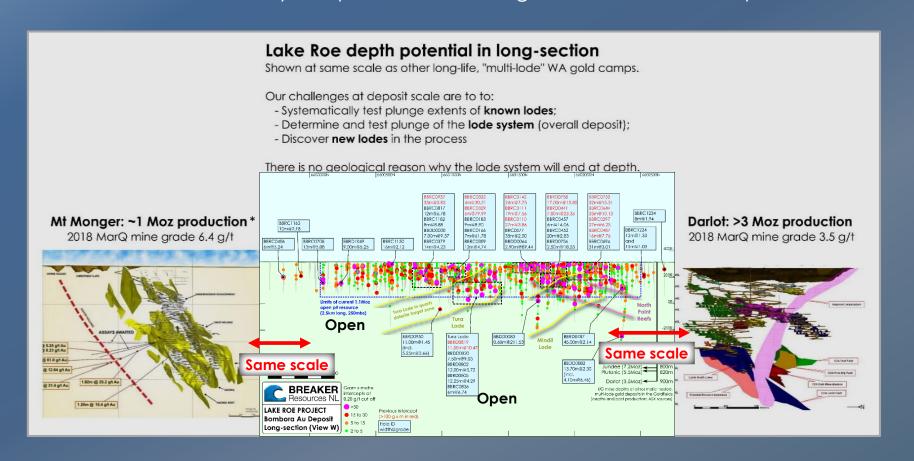
BBDD0020 sulphide lode at 319.9m (39.7g/t Au Tura Lode)\*

All lodes have fabric and alteration



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

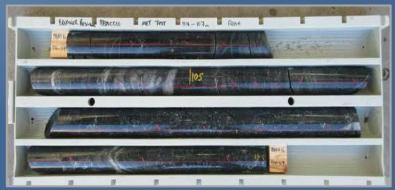
Drilling to date is only scratching the surface in the first 3.2km of an 8km gold system ...but we already see potential for a large standalone development



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



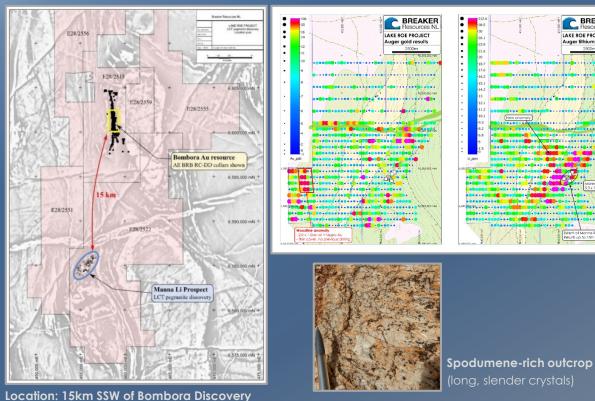
# (6) A lithium wildcard 15km SSW of Bombora

**BREAKER** 

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

LAKE ROE PROJECT



Resources NL 6,584,800 mN LAKE ROE PROJECT Manna Li Prospect Li pegmatite (lepid-dominant) Peamatite (general) m @ 0.66% Li2O from 63m Granite-pegmatite 3m @ 1.43% Li2O from 116m 9m @ 1.60% Li2O from 97m did not reach target depth im @ 1.13% Li2O from 163m m @ 1 37% Li2O from 172m 6.584 400 mN 4m @ 0.79% Li2O from 134m BMRC0004 \* BMRC0001 BMRC0005 5m @ 1.69% Li2O from 26m ₱ BMRC0007 3m @ 1.51% Li2O from 83m 10m @ 0.75% Li2O from 157m ₹ BMRC0008 14m @ 1.03% Li2O from 92m 4m @ 1.65% Li2O from 82m 6m @ 0.78% Li2O from 19m

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

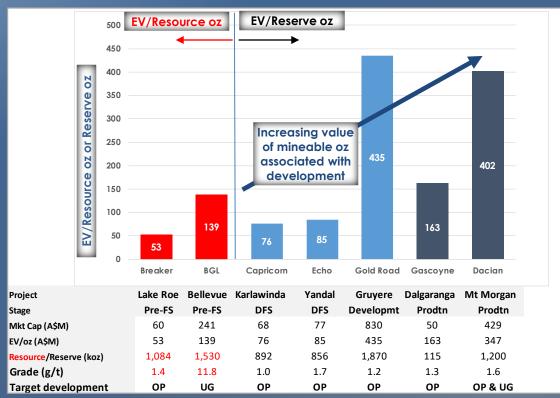
Unexplored field of outcropping LCT pegmatite discovered over 3km x 1.3km area (limited by extent of mapping and sampling; up to 3.81% Li<sub>2</sub>O, 366ppm Ta<sub>2</sub>O<sub>5</sub> and 251ppm Nb<sub>2</sub>O<sub>5</sub>\*)

Maiden reconnaissance RC intersections of up to 18m @ 1.80Li<sub>2</sub>O<sup>^</sup>



# Value, imminent catalysts and camp-scale upside

# 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) <u>before</u> we added ~500,000oz in September 2018 Resource

#### ➤ Huge upside arguably not factored in

- Camp-scale growth potential
- UG potential

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



# **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	15/04/2019	20/02/2019	27/03/2019	1/04/2019	19/02/2019
Price (ASX Closing Price)	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019	3/05/2019
Debt (Quarterly Cashflow Report)	1/05/2019	30/04/2019	30/04/2019	30/04/2019	24/04/2019	29/04/2019	29/04/2019
Cash (Quarterly Cashflow Report)	1/05/2019	30/04/2019	30/04/2019	30/04/2019	24/04/2019	29/04/2019	29/04/2019
Resources/Reserves (ASX Announcement)	6/09/2018	5/02/2018	29/05/2018	6/08/2018	26/10/2018	29/10/2018	29/04/2019

<sup>\*</sup>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	12.050M† @ 1.2g/† Au for 460,000oz	-	-	
BGL	-	4.0Mt @ 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	-	-	3.8Mt @ 2.2g/t for 276,012oz	11.1Mt @ 1.5g/t Au for 593,054oz	
GOR		-	7.62Mt @ 1.11g/t Au for 270,000oz	41.06Mt @ 1.21g/t Au for 1,600,000oz	
GCY	-	-	2.8Mt @ 1.4g/t Au for 122,500oz	12.4Mt @ 1.2g/t Au for 490,000oz	
DCN	-	-	6.799Mt @ 1.3g/t Au for 284,000oz	19.938Mt @ 1.7g/t Au for 1,105,000oz	