A rare greenfields gold discovery with scale, high-grade mining options and multi-million ounce growth potential¹

> RIU Explorers Conference Fremantle, 19-21 February 2019



Lake Roe Gold Project, Kalgoorlie, Western Australia

¹ASX Release 6 September 2018



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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 and have not materially changed.

	Classification	Tonnes	Au (g/t)	Ounces
rounding)	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

Table: Lake Roe Project Bombora Deposit Mineral Resource September 2018

Notes:

• Reported at 0.5 g/t Au cut-off

• All figures rounded to reflect the appropriate level of confidence (apparent differences may occur due to rounding)

Z



BRB Snapshot

A large, new, high-grade gold discovery with multi-million ounce growth potential; Dual focus on rapid resource growth <u>and</u> PFS targeting early open pit production

- ▼ Gold from surface, no mining legacy issues, extensive de-risking
- Growing quickly 500,000oz added in 5 months pre-1.1Moz September 2018 Resource[#]
 - 4 -5 drill rigs operating continuously (193,000m 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[#] (~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)
 - We drill, it keeps growing!
- **×** High-grade underground resource pending (using higher cut-off grade)
 - Intersections not in Resource[^] (-250mbs) eg. 5.95m @ 11.33g/t Au
 - UG Exploration Target# 1.2-1.4Moz @ 4.5-5.5g/t Au





<u>100km east of Kalgoorlie</u> <u>Western Australia</u>



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 & 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

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



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, the AISC/oz have a similar range²

(the 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 however, you have potential to add multiples to any NPV based only on open pit mining

¹ Northern Star Kalgoorlie Operations Fact Sheet; http://www.nsrltd.com; ¹



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

Deeper drilling below 200mbs – Tura lode



High grade and continuity



 Tura Lode BBRD0819*: 21m @ 5.74g/t Au including 12m @ 9.80g/texcellent 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



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 and EV/Reserve oz for recent developers and miners in Australia (Data as of 15/02/2019)¹

× 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



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
- Alastair Barker Exploration Manager

Three Year Share Price Charl

Capital Structure

- Issued Securities 182.7m fully paid shares
 (4.6m partly paid shares; 5.7m unlisted options)
- **Market capitalisation \$81m** (\$0.445/share; 15/02/2019)
- ➤ 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





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 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.



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 193,000m of drilling but still open all directions with camp-scale growth potential
- 3) A common style of mineralisation with proven continuity and regularity
- 4) Exceptional drill intersections close to surface and up to 360m below surface
- 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
 +550km², 100%-owned
 Minor historical exploration
 Dormant for ~20 years
- Geological setting



BBRC0329: Visible gold in RC chips*

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



(2) 193,000m of drilling and still open in all directions



RC & DD - Downhole average gold (ppb)*

Shallow drilling in first 2.5km of 8km gold system indicates potential for single, large open pit*

× Drilling underway with 4 rigs

- Open in all directions after 193,000m of drilling (28% diamond drilling)
- <u>Still discovering new lodes after 2 years of resource drilling</u>
- 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 (also 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

De-risked, camp-scale growth potential



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

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

Three main lode orientations/stratabound in quartz dolerite/all "stacked" (stacked lodes = high ounces per vertical metre)



Perspective map of Bombora deposit showing the main steep and flat lodes and new diamond drill intersections (assays pending) in relation to the footwall contact of the Bombora Sill quartz dolerite footwall*



BBRD0758 drill core with visible gold at 188.5m (145.3g/t Au Mindil Lode)^



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

All lodes have fabric and alteration (quartz-albite-biotite-carbonate-sulphide; lower amphibolite facies)



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

Steep and flat lodes in a regular framework over 2.5km

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



High-grade, underground mining potential on steep, flat and west-dipping lodes and on plunging lode intersections (shoots)

Open pit and UG mining potential significantly de-risked

(4) 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

> High-grade mining optionality in open pit and UG de-risks mining and creates serious growth potential at depth

- ➤ Quality ounces close to surface (~790,000oz above 150mbs)
- Intersections at depth in continuous lodes up to 360m below surface, the limit of drilling (eg BBRD0950; assays pending*)
- This style of gold deposit usually extends at depth to the limits of economic mining



(5) High gold endowment underpins mining potential

High gold endowment of 5,000-6,000 ounces per vertical metre (OVM)* (1,0000VM is a rough minimum yardstick for assessing underground mining potential)



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

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

Open pit and UG mining potential significantly de-risked



Early open pit optimisations (April 2018) have already confirmed potential for a single open pit over 2.0km-long <u>before</u> we added ~500,000oz in latest 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 is still discovering shallow gold in several areas and extending it at depth
- We are still looking to identify the outer limits of open pit mining
- PFS timing linked to this (so we can "fix" the goal posts in preparation for full feasibility)
- Underground resource planned once we finalise open pit limits



(6b) A large, single open pit is just the start

The drilling is only scratching the surface so far...but already we see potential for a large standalone development based only on shallow drilling in the first 2.5km of an 8km gold system



It is still early...large growth potential at depth and along strike



(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; shallow gold points to low-cost mining



(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 $Li_2O\%$ 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 $Li_2O^{\#}$



The BRB Story: quality, value & growth

- × A rare large, extensively de-risked, high-grade greenfields gold discovery in a Tier 1 location (shallow open pit potential <u>and</u> high-grade underground mining potential)
- Dual focus on rapid Resource growth and PFS targeting early open pit gold production
 4 drill rigs underway; 500,000oz in 5 months pre-Sept Resource[#] (A\$11/oz discovery cost*)
- × Mining potential underpinned by high gold endowment of 5,000-6,000oz per vertical metre # (open pit and UG)
- Camp-scale growth potential Many intersections along strike not yet followed up High-grade lodes at depth have potential to add multiples to any near-surface resource over time
- Extensive de-risking
 193,000m of drilling has confirmed continuity and regularity in 3-D
 Exceptional grades (near-surface and at depth; ~790,000oz above 150mbs #)
 Potential for a large, single open pit already demonstrated (A\$1,000-\$2,500/oz)^
 1.1Moz Resource with high-grade mining optionality
 Metallurgy indicates low cost processing is likely
- Growth catalysts
 Resource update planned April/May 2019
 Pre-feasibility study well-advanced
 Aggressive drilling...regular news flow

A rare greenfields gold discovery with scale, high-grade mining options and multi-million ounce growth potential¹

Thank You



Lake Roe Gold Project, Kalgoorlie, Western Australia

¹ASX Release 6 September 2018



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	10/01/2019	27/12/2017	23/01/2019	19/10/2018	5/10/2018	31/01/2019
Price (ASX Closing Price)	15/02/2019	15/02/2019	15/02/2019	15/02/2019	15/02/2019	15/02/2019	15/02/2019
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

Resource/Reserve category breakdown

	RESOU	RCES	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	-	-	3.8Mt @ 2.2g/t for 276,012oz	11.1Mt @ 1.5g/t Au for 593,054oz	
GOR		-	7.62M† @ 1.11g/† 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	-		1.1Mt @ 2.4g/t Au for 85,000oz	17.475M† @ 2.0g/† Au for 1,115,000oz	