

12 May 2020

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

Dear Sir/Madam

#### **INVESTOR PRESENTATION**

Please find attached an updated version of the Company's investor presentation.

Authorised by

**Tom Sanders** 

**Executive Chairman** 

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# Successfully expanding a 1Moz# greenfields gold discovery near Kalgoorlie, Western Australia





May 2020

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 2 September 2019. 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.

#### Table: Lake Roe Project Bombora Deposit Mineral Resource September 2019

Notes:

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

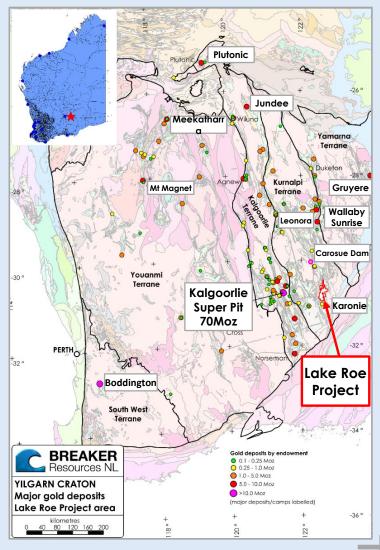
Classification	Tonnes	Au (g/t)	Ounces
Indicated	18,356,000	1.4	803,000
Inferred	4,853,000	1.1	178,000
Total	23,210,000	1.3	981,000



### Expansion builds on large, 1Moz open pit Resource#

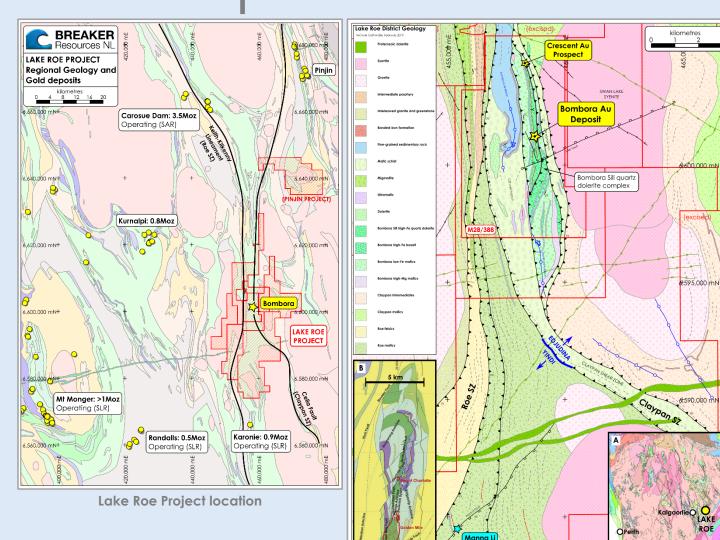
- ➤ A rare greenfields discovery in the heartland of Australian gold mining 100km east of Kalgoorlie Super Pit (Trans Access Road/rail) Between two operating gold mines
- ➤ Shallow 1Moz open-pit Resource\*, 80% Indicated
  236,000m of RC and diamond drilling...open in all directions
  High-grade gold 5m from surface
- ➤ Expansion drilling underway with three drill rigs in combination with active COVID-19 OHS management
- ➤ Gold system recently extended to 9km/new lodes discovered at depth
  Drilling targeting shallow gold along strike and high-grade gold at depth
- ➤ High-grade gold lodes below Resource now extend over 2km strike length
- ➤ Large, 600km² land-holding with granted mining lease 40km of strike with district-scale gold potential
- Foundation for growth built on early de-risking
  Geology well understood
  Feasibility-level metallurgy (free-milling; standard gravity/CIL)
  Advanced environmental and hydrological studies

#### Lake Roe Project - Location





### Tier 1 location and geology



Inset B: Geology of the Golden Mile (Kalgoorlie) Vielreicher, N.M., Groves, D.I. and McNaughton, N.J., 2016. The giant Kalgoorlie goldfield revisited. Geoscience Frontiers, 7(3), pp. 359-374.

Lake Roe Project district geology

- 2012: Breaker IPO, targeting greenfields discovery
- 2014: Pegged Lake Roe regional structural target
  - Now 600km<sup>2</sup> land-holding
- 2015: Large oxide anomaly defined by AC drilling
- **▼ 2016:** Discovery of Bombora deposit
- **▼ 2016-2019:** Intensive Bombora OP resource drill-out
  - Very limited further exploration
  - Three separate discoveries that merged into one continuous 3.2km-long Bombora deposit with further drilling
- **▼ 2020...targeting continued growth:** 
  - 1. Bombora high-grade lodes
  - 2. Shallow camp-scale discovery
  - 3. Regional discovery



# 1Moz open pit Resource# is part of an 9km gold system

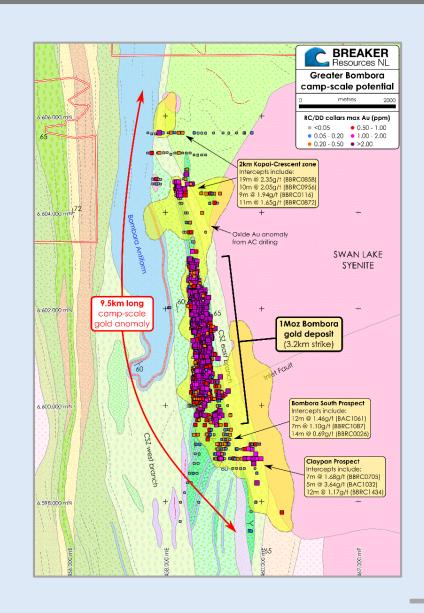
- ➤ Open pit Resource is 3.2km long (Inferred extremities partially drilled out)
  - Indicated: 803,000 ounces of gold (18.4 million tonnes @ 1.4 g/t Au) Inferred: 178,000 ounces of gold (4.9 million tonnes @ 1.1 g/t Au)
- ➤ Limited exploration outside Resource area prior to December 2019, the start of Phase 2 expansion drilling

Due to early emphasis on establishing open pit resource Phase 2 expansion drilling underway (two DD rigs, one RC rig)

- ▼ Early success from Phase 2 drilling
  - Gold system extended to 9km
     New shallow gold identified at Kopai-Crescent, Claypan and Bombora South prospects (one RC rig underway targeting discovery)
  - High-grade lode discoveries at depth have extended the strike length of high-grade gold below the Resource to over 2km
     Individual high-grade lodes ~1km-long

#### ▼ Breaker's strategy

- (1) Assess gold potential over the full extent of 9km gold system
- (2) Grow the Resource to expand and optimise BRB's development options
- (3) Develop when the time is right and in the right capital market environment





# The Company

### Experienced, aligned with shareholders, tight register, well-funded

#### **Senior Team**

Tom Sanders

Mark Edwards

Mike Kitney

**Linton Putland** 

**Eric Vincent** 

Michelle Simson
Company Secretary

Executive Chairman (geologist)

Non-Executive Director (lawyer)

Non-Executive Director (process engineer)

Non-Executive Director (mining engineer)

Non-Executive Director (US capital markets)

**Alastair Barker**Exploration Manager

Michael Outhwaite
Supervising Geologist

### **Capital Structure**

Issued Securities 231.3m fully paid shares)

(7.7m unlisted options)

**★ Market capitalisation** ~\$45.1m (\$0.195/share; 11/05/2020)

**Cash** \$6.8m (31/03/2020; no debt)

**▼ Largest Shareholder Tom Sanders** (Executive Chairman, ~10%)

➤ Tight share register 60% Funds and high net worths (incl. Electrum, SSI, Konwave, Nestor, Stabilitis, Deutsche)



Tom Sanders
Executive Chairman

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



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



Mark Edwards
Non-Executive Director

BJuris, LLB University of Western Australia



Linton Putland
Non-Executive Director

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



Eric Vincent
Non-Executive Director

Juris doctor, Harvard Law School President Sarissa Capital Management LP; former CEO of Electrum Group



# The Lake Roe Project



Salt lake embayment overlies ~30% of deposit

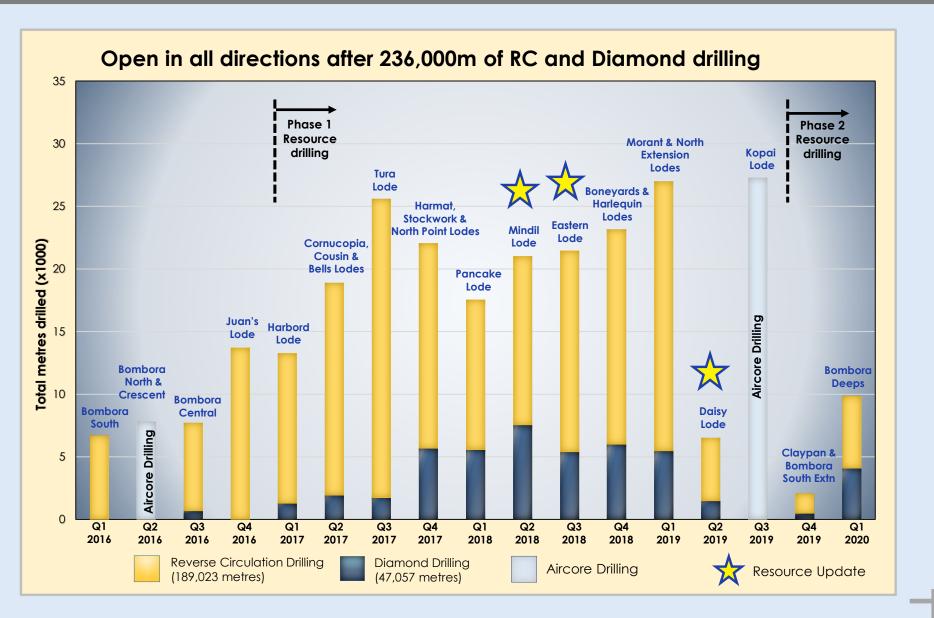


The remainder is like this



### A track record of discovery (multiple lodes over large area)

- At least one discovery each quarter for last four years
- Discovery cost of A\$18/Inferred oz\*





# Typical Archean lode mineralisation style with scale

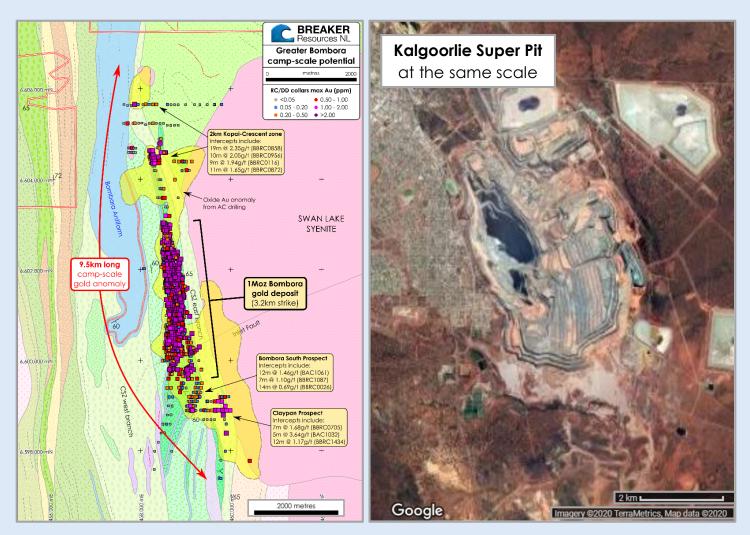
Best geological analogy is Golden Mile, Kalgoorlie

Three lode orientations in iron-rich part of dolerite over a large area (with similar scale surface footprint)

➤ Typical Archean dolerite-hosted lode system
The dominant mineralisation style in Western
Australia; eg. Kalgoorlie, Paddington, St Ives these typically go to great depth



Typical silica-albite-sulphide Tura Lode mineralisation in BBRD1135 at 246.70m (assaying 184.64g/t Au); Multiple clusters of fine visible gold are circled in red; Core diameter is 47.60mm\*



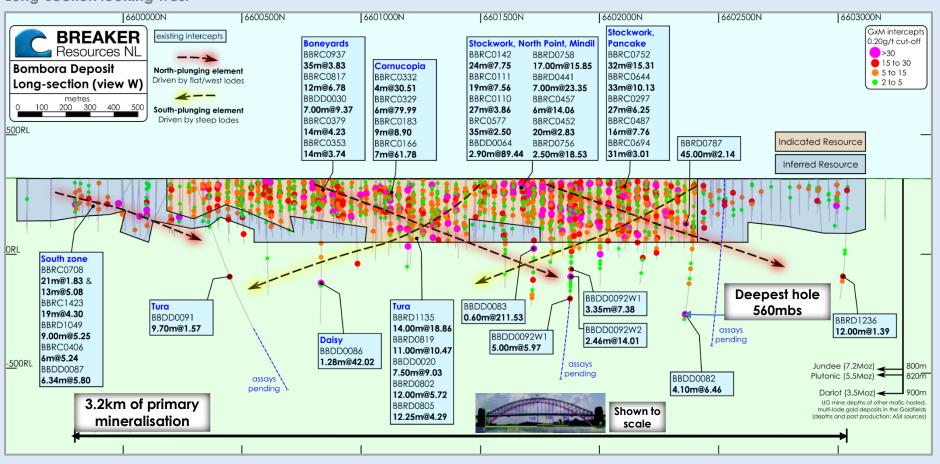
A large gold deposit limited by the extent of drilling



# High-grade is characteristic

### ...close to surface and at depth

#### Long-section looking west\*



- High-grade gold starts 5m from surface
- Multiple high-grade lodes extend over 2km strike length below Resource
- Deepest high-grade is 560m below surface (as deep as we have drilled)
- 1Moz open pit Resource<sup>#</sup> limited only by the extent of drilling

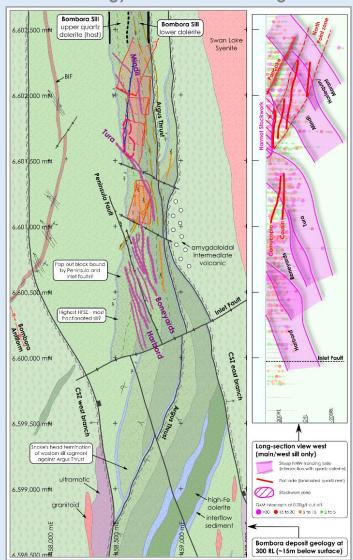
Open pit Resource 80% Indicated 18.4Mt @ 1.4g/t gold (803koz) Inferred

4.8Mt @ 1.1g/t gold (178koz; partially drilled out)



### Common mineralisation style, proven continuity

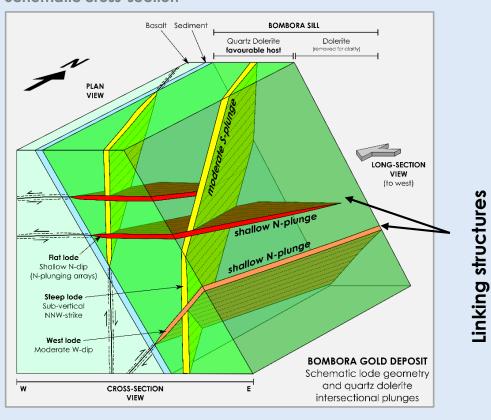
#### **Surface Geology**



**Long Section** 

### Regular Archean lode architecture in fractionated quartz dolerite = high oz/vertical metre

#### **Schematic cross-section**



Three main lode orientations (each is stacked)

#### STEEP LODES

Early and fundamental Through-going, ductile Lode-style (vein-poor) ~50% contained Au

#### **WEST LODES**

Linked to steep lodes Late brittle-ductile Lamprophyre link? ~15% contained Au

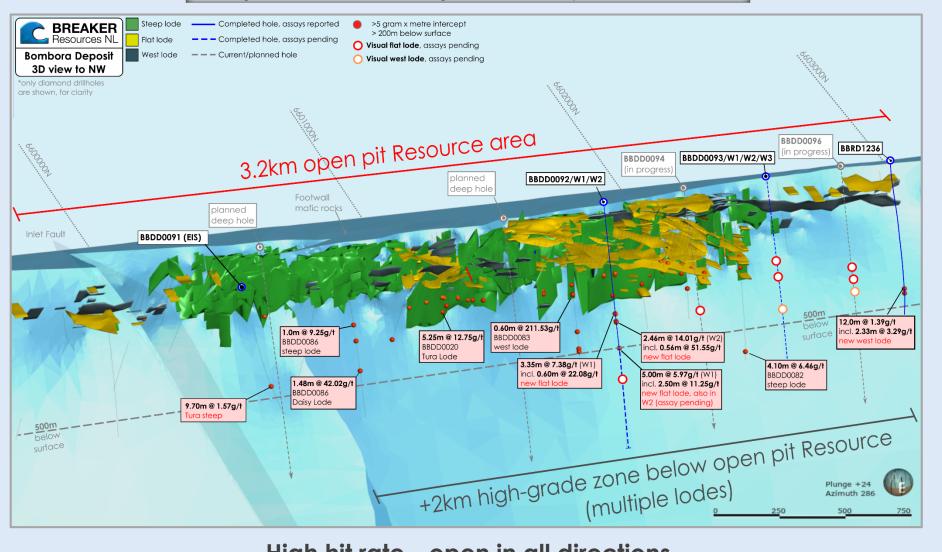
#### **FLAT LODES**

Linked to steep lodes Late ductile-brittle ~30% contained Au



# Proven continuity in 3-D over 3km

3-D perspective view looking north-west showing diamond drill holes with +5 gram/metre intercepts >200m below surface



High hit rate...open in all directions





# 2020 Pathway to Growth



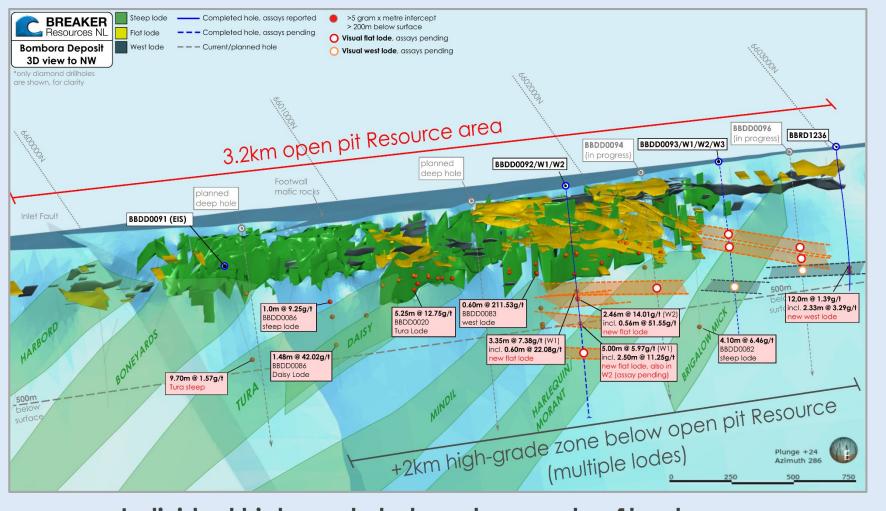
### **▼** Following Slide Themes:

- 1. Bombora high-grade lodes
- 2. Shallow camp-scale discovery
- 3. Regional discovery



### 1. Bombora high-grade lodes

### High-grade in multiple lodes over 2km strike length below open pit Resource

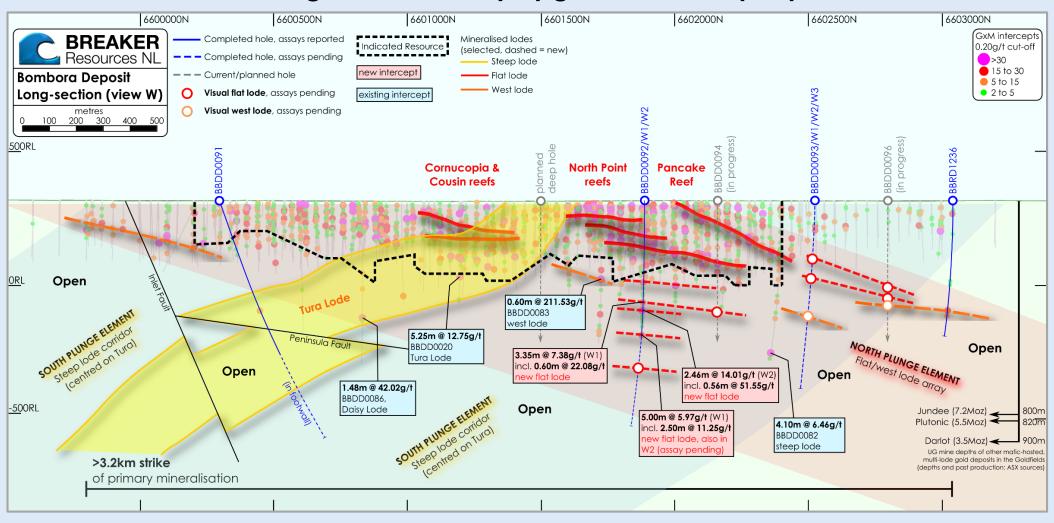


Individual high-grade lode systems up to ~1km-long



### 1. Bombora high-grade lodes

### Recent drilling has materially upgraded the depth potential

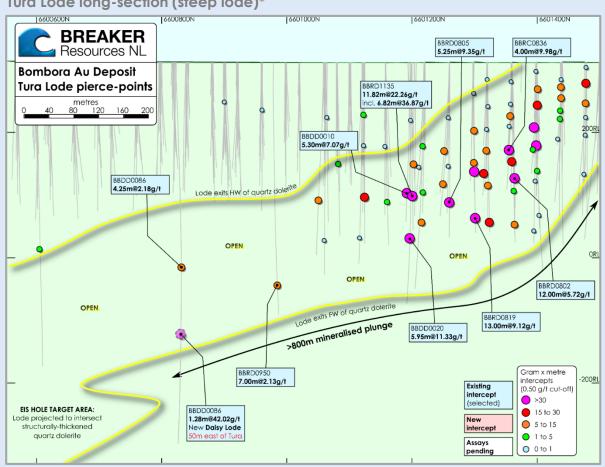




### 1. Bombora high-grade lodes

### Increasing grade at depth – eg. Tura/Daisy extensions

Tura Lode long-section (steep lode)\*



Tura Lode (diamond drill core)

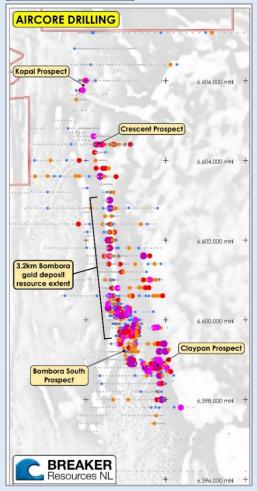


BBRD1135 - 11.82m @ 22.26g/t Au\*

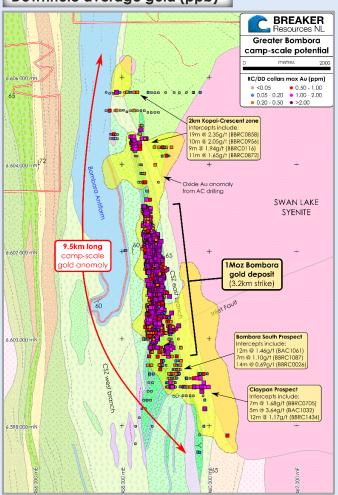


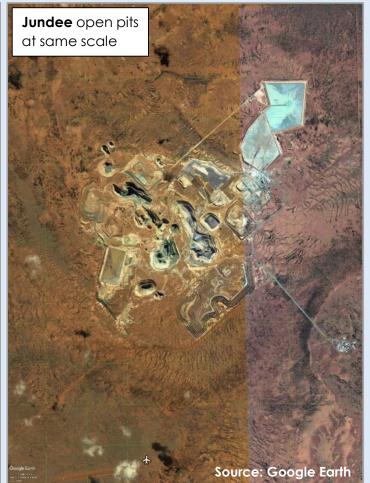
# 2. Shallow camp-scale discovery

#### Aircore Drilling Maximum gold\*



RC & Diamond Drilling
Downhole average gold (ppb)\*





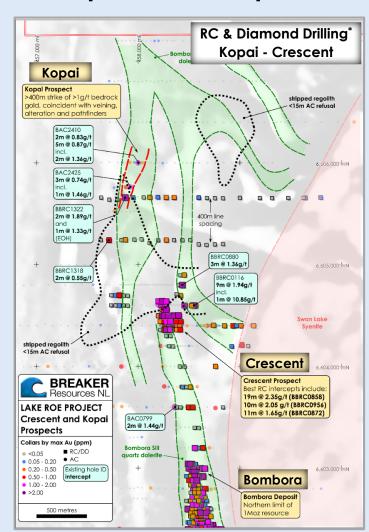
- Lake Roe is a new "camp" – not just Bombora
- Discovered with \$700,000 in the bank, at depths of downturn
- Bombora discovery and OP resource drillout restricted exploration – until now
- Already another primary gold discovery at Crescent basalt-hosted; proof of diversity in camp

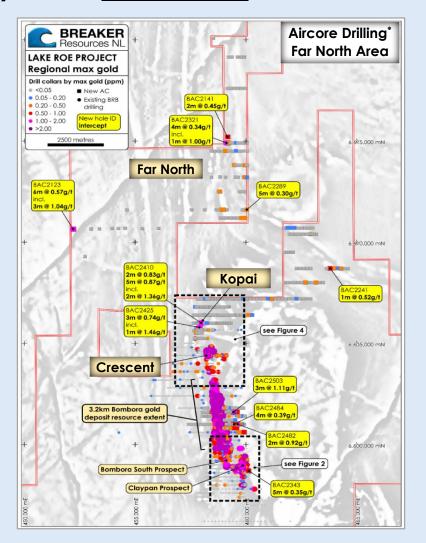


# 2. Shallow camp-scale discovery

### Shallow step-out intercepts in many areas to the north

- RC drilling just started at 2kmlong Kopai/Crescent
- Kopai Prospect
   Plus 1g/t bedrock gold over
   >400m strike in wide-spaced
   (400m x 40-80m)drilling
   despite stripped regolith (limited hole penetration)
- Similar grades were seen in early drilling at Bombora deposit (eg. maximum of 1m @ 1g/t Au in 900m-long lake area)
- ▼ Crescent Prospect Multiple wide intercepts >2g/t Au\*
- Far North area
  Wide-spaced first pass intercepts



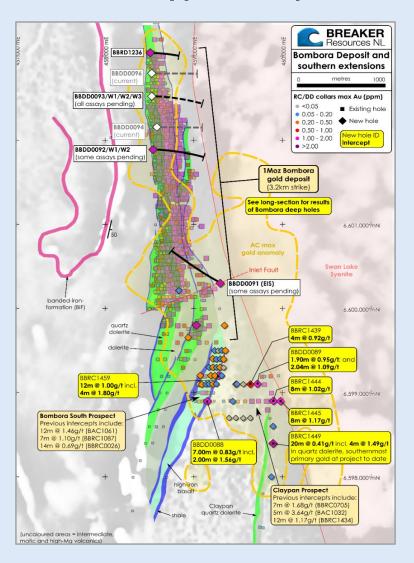






# 2. Shallow camp-scale discovery

### Bombora South and Claypan Prospects south of Bombora deposit still at reconnaissance level



Significant wide-spaced RC and diamond drill intersections in area of large-scale aircore goldpathfinder anomalism

#### **▼** Bombora South

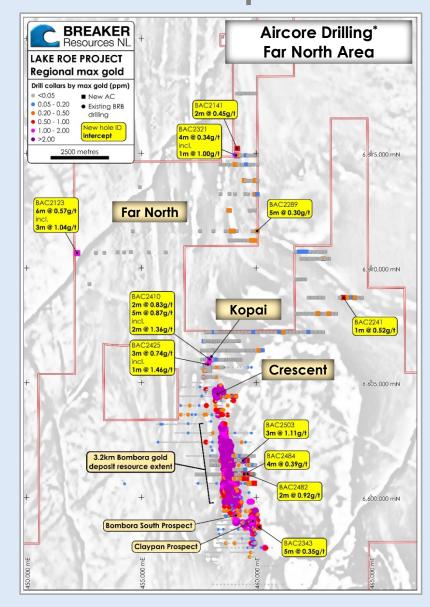
West-dipping lodes appear dominant south of Inlet Fault - eg. 3.22m @ 11.22g/t Au in BBDD0087\*

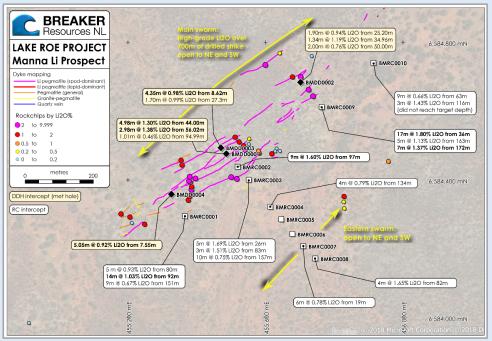
### **X** Claypan

Still locating primary gold source/controls; Reconnaissance RC hits up to 12m @ 1.17g/t Au\*



# 3. Regional discovery







Manna spodumene BMDD0001 41.40-45.01m\*

- Strong regional gold potential on Claypan and Roe shear zones
- Greenfields spodumene
   lithium discovery at Manna,
   15km south of Bombora
  - Only 10 x RC and 4 x DD holes into main swarm
  - Intercepts up to 17m @
     1.80% Li<sub>2</sub>O\*



# Metallurgical results indicate excellent gold recovery



Comminution (oxide/fresh)



Gravity/cyanide extraction (oxide/fresh)

- - Ball mill work index <16kWh/t for fresh mineralization
- Excellent gold recovery92% oxide and fresh (using saline site water)96%-99% (using freshwater)
- ➤ **High gravity gold** 31%-77% (oxide) 32%-90% (fresh)
- Rapid gold leach kinetics
   90% gold in 4 hours
   Low reagent consumption
   No deleterious elements
- ★ Amenable to standard gravity/CIP/CIL plant

Metallurgical results point to low-cost processing\*



# Summary



- ➤ Camp-scale, greenfields discovery, 100km from Kalgoorlie: a rare commodity
- **Existing 1Moz Resource**# **de-risked**: Mining Lease, metallurgy, environmental and mining studies
- **≥ 2020 focus on growth** to de-risk future development
- **Paths** to growth are clear:
  - 1. Bombora growth (known and new lodes)
  - 2. Shallow camp-scale discovery
  - 3. Regional discovery
- ➤ When we drill, we find: quality geology, large footprint de-risk exploration

# Successfully expanding a 1Moz# greenfields gold discovery near Kalgoorlie, Western Australia





**Thank You** 

May 2020