



### Riversgold Ltd

# Highly prospective exploration projects in world-class gold terranes ASX:RGL

RIU Sydney Resources Roundup - May 2018 Allan Kelly – Managing Director

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#### **Competent Person Statement**

The information in this document that relates to Exploration Results is based on information compiled by Mr Allan Kelly, a Competent Person who is a Member of The Australian Institute of Geoscientists. Mr Kelly is the Managing Director and CEO of Riversgold Ltd. He is a full time employee of Riversgold Ltd and holds shares and options in the Company.

Mr Kelly has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Kelly consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

Information on historical results for the Australian, Cambodian and Alaskan projects, including Table 1 information, is contained in the Independent Geologists Report in the Riversgold Replacement Prospectus dated 11 August 2017.

The Company confirms that it is not aware of any new information or data that materially affects the information in the original market announcements, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.

### **Riversgold – Investment Highlights**

### New mineral explorer with all the key ingredients for success in place:

People	<ul> <li>Experienced Board with track record of discovery, development and production</li> </ul>
Projects	<ul> <li>Highly prospective exploration projects in world-class gold terranes:         <ul> <li>Eastern Goldfields, WA</li> <li>Tintina Gold Province, Alaska</li> </ul> </li> <li>Large IOCG target in South Australia</li> <li>Applications next to 1Moz Okvau Deposit</li> </ul>
Funding	<ul> <li>Well funded following A\$6.1M IPO</li> <li>A\$2.5M cornerstone investment from Evolution Mining Ltd</li> </ul>
Upside	<ul> <li>Tight capital structure and modest EV</li> <li>Testing of drill targets in WA and Alaska to accelerate over next 6 months</li> </ul>



Yilgani drilling, November 2017 (7 days after listing)

### **Corporate Snapshot**

ASX Symbol	RGL	Major Shareholders	%
Shares on Issue	83.7M	Greenwich Equities	17.0
Market Cap. (@ \$0.14)	\$11.7M	Evolution Mining Ltd	15.1
Cash (Mar 18 Qtr)	\$3.9M	Board/Management	10.1
Options (\$0.20)	22.2M	Top 20 Shareholders	64.3

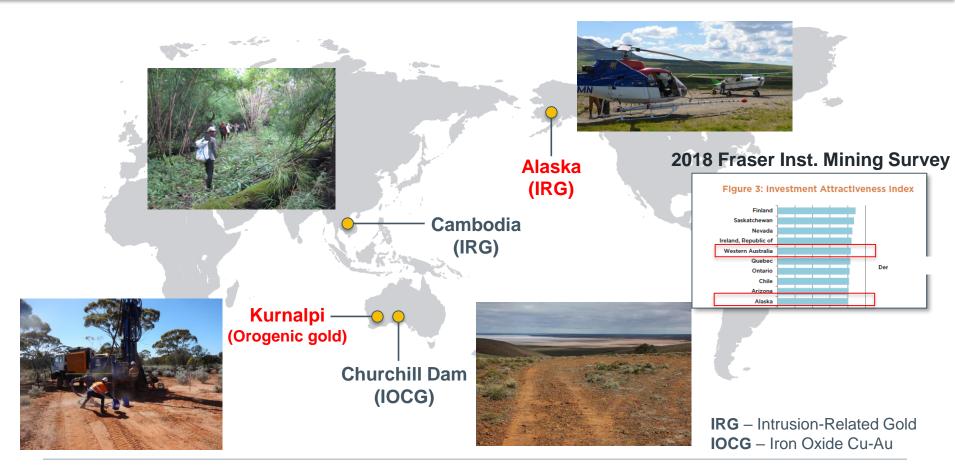
Experienced Board with track record of discovery, development and production		
Rod Webster Non-Exec Chairman	<ul> <li>Mining Engineer with &gt;40 years experience</li> <li>Formerly Western Metals, First Quantum, Weatherly</li> </ul>	
Allan Kelly Managing Director	Geologist with >25 years experience Founding MD, Doray Minerals Ltd (2009-2016) Most successful IPO of 2010, "Explorer of the Year", 2011 AMEC "Prospector Award", 2014, for Andy Well discovery Funded and built 2 new gold mines in 4 years	
Jeff Foster Non-Exec Director	<ul> <li>Geologist with &gt;30 years experience</li> <li>Founder and former Exec Director, Sirius Resources</li> </ul>	

### Regular news flow since listing...

Date	ASX Release	
10/10/2017	Riversgold Commences Trading on ASX	
17/10/2017	Kurnalpi Exploration Programs Underway	
30/11/2017	Yilgani Drilling Outlines Large Regolith Gold Anomalies	
18/12/2017	Yilgani Project - Exploration Update	
08/01/2018	Yilgani Phase 2 Drilling Underway	
01/02/2018	Riversgold Stakes High Grade Alaskan Gold Project	
05/02/2018	Kurnalpi Projects Exploration Update	
07/02/2018	Yilgani Drilling Outlines Potential Bedrock Gold Target	
26/02/2018	High Grade Gold Acquisition and New JV at Kurnalpi North	
19/03/2018	Kurnalpi Projects Exploration Update	
28/03/2018	Yilgani Gravity Survey Confirms West Target Structure	
29/03/2018	Kurnalpi South Gravity Survey Outlines Large Gold Target	
26/04/2018	Yilgani Drilling Outlines 2.6km long gold target	
01/05/2018	Key Approvals Received for Kurnalpi North Targets	

### **Project Portfolio**

Highly prospective gold projects with potential for year-round news flow



### **Extensive Drill Target Pipeline**

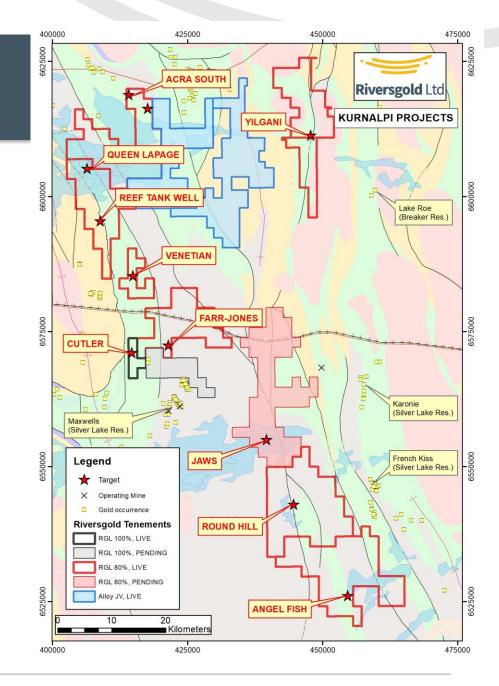
Project	Target Generation	Drill Testing	Advanced Exploration	Resource Delineation
Yilgani		East Target North Target	West Target	
Kurnalpi North	Acra South Lady of the Lake Reef Tank Well <i>Randell Hill*</i> Alloy JV	Farr-Jones Queen Lapage Venetian	Cutler	
Kurnalpi South	Round Hill Angelfish Lake	Jaws		
Alaska	Gemuk Kisa Breccia West End North Quicksilver	Luna/Luna East Quicksilver Skarn targets Golden Dyke		
South Australia	Burt Lagoon*	Churchill Dam		
Cambodia	Antrong* Kang Roland Sth*			

#### Targets to be drill tested within next 3-6 months

\* Tenement applications awaiting grant

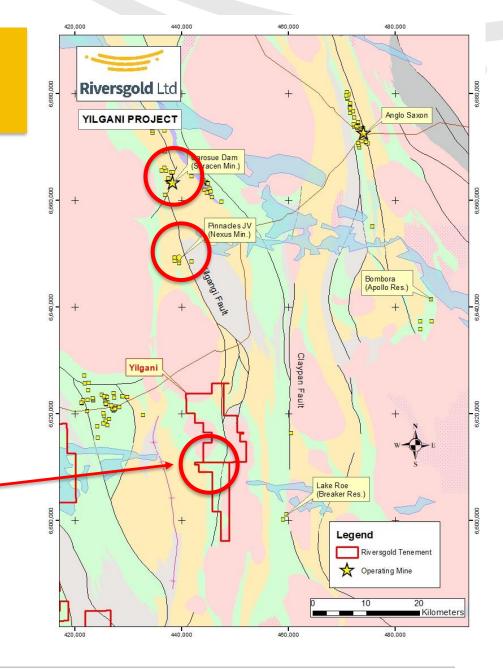
### **Kurnalpi Projects**

- Large strategic land position 100km east of Kalgoorlie-Boulder, WA
- Gold exploration hot spot:
  - Breaker Lake Roe
  - Apollo Bombora
  - Kairos Roe Hills
- Proximity to existing transport and processing infrastructure
- Drill ready targets along known mineralised trends
  - Numerous auger/surface
     geochemical gold anomalies
  - Limited drilling >100m deep



## **Yilgani Project**

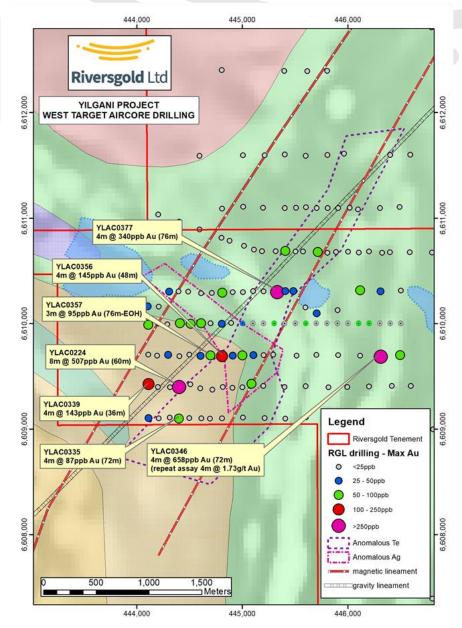
- 25km strike of "Yilgangi Fault" regional structure which hosts Carosue Dam and Pinnacles gold deposits
- Possible folded repetition of Lake Roe Greenstone Belt?
- Large regolith gold anomalies outlined by aircore drilling
- West Target bedrock gold target in similar structural setting to Carosue Dam and Pinnacles



## Yilgani - West Target

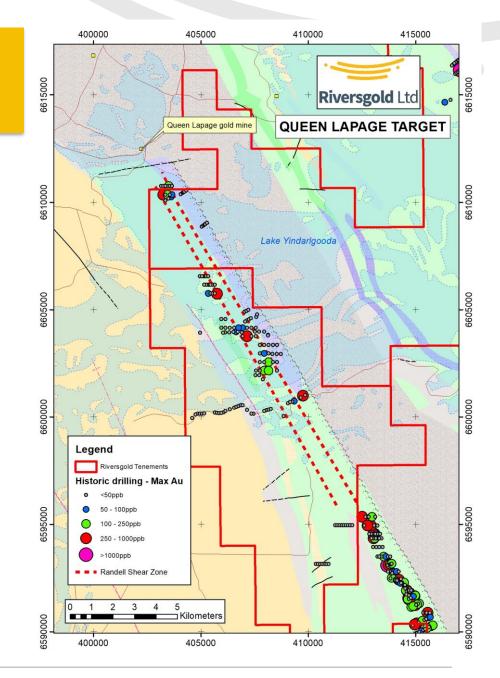
- Bedrock gold target associated with NE-trending structure – confirmed by recent gravity survey
- Structural setting analogous to Carosue Dam and Pinnacles
- 2.6km long zone of anomalous gold and pathfinder elements:
  - 8m @ 507ppb Au (YLAC0224)
  - 4m @ 145ppb Au (YLAC0356)
  - 4m @ 340ppb Au (YLAC0377)
- Infill gravity and drilling planned

\*See ASX Releases dated 7 February 2018, 28 March 2018 and 26 April 2018



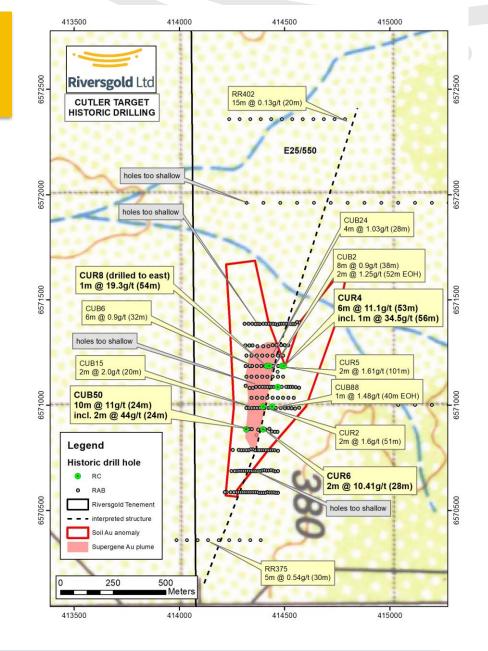
### **Queen Lapage**

- 15km segment of mineralised "Randell Shear Zone" – mostly under shallow salt lake cover
- Along strike from Queen Lapage open pit gold mine
- Anomalous gold in sporadic historical drilling – open at depth and along strike
- Numerous NE-trending faults felsic/sedimentary rocks untested
- Heritage survey completed and POW approved
- Lake drilling planned mid-2018



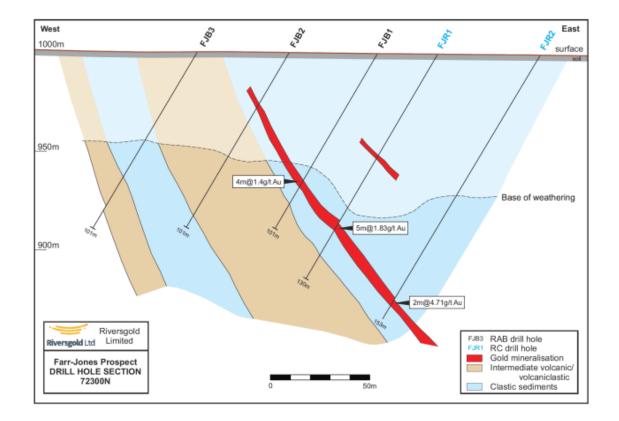
### **Cutler (RGL 100%)**

- 2km long zone of supergene gold in shallow RAB drilling:
  - 10m @ 11.0g/t Au (CUB50)
  - 2m @ 10.4g/t Au (CUR6)
  - 1m @ 8.21g/t Au (CUR8)
- Interpreted structure only tested with RC drilling on one section:
  - 6m @ 11.1g/t Au (CUR4)
  - 1m @ 2.32g/t Au (CUR4)
  - 2m @ 1.61g/t Au (CUR5)
  - 1m @ 19.3g/t Au (CUR8)
- RC drilling underway



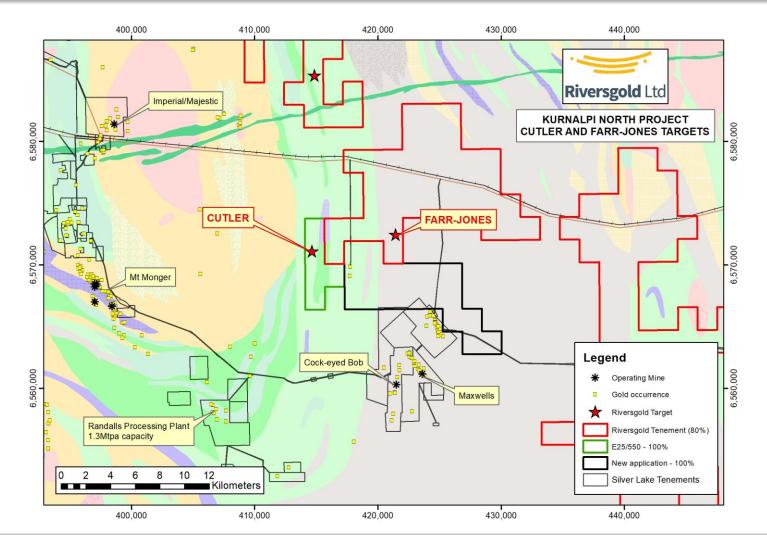
\*See ASX Release dated 26 February 2018, 1 May 2018

### **Farr-Jones**



- Single section tested soil anomaly in 1992
- Mineralised quartz vein in black shale extends >130m down dip:
  - 4m @ 1.40g/t Au
  - 5m @ 1.89g/t Au
  - 2m @ 4.71g/t Au
- Open at depth and untested along strike
- RC drilling planned once POW approved

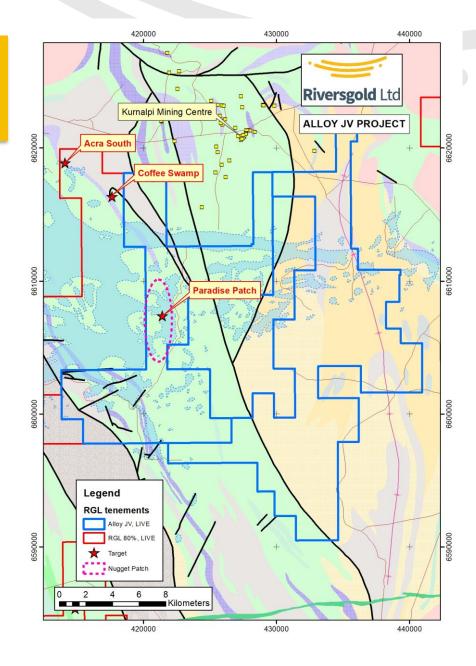
### **Ideally positioned for potential development**



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### **Alloy JV**

- 2 EL's on major structures
- Simple JV Structure\*
- Paradise Patch Target:
  - Prospectors located nuggets on lake over 3km of strike (2003)
  - Intense sulphide and carbonate alteration in andesitic basalt
  - Anomalous gold results from shallow aircore drilling (2003-06)
  - Open to NW along strike from existing Acra South/Coffee Swamp targets

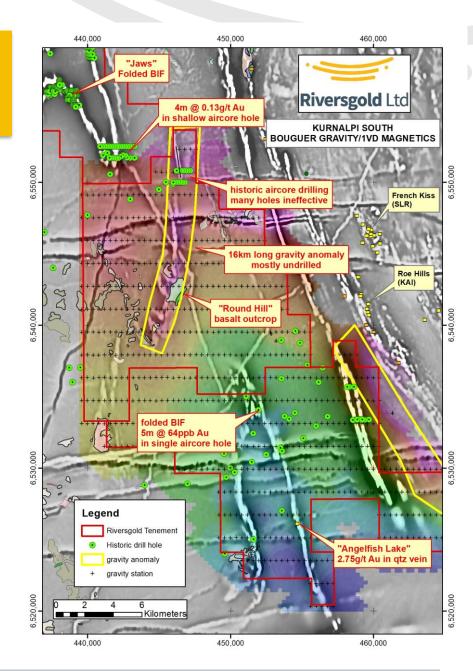


\*See ASX Release dated 26 February 2018

## **Kurnalpi South**

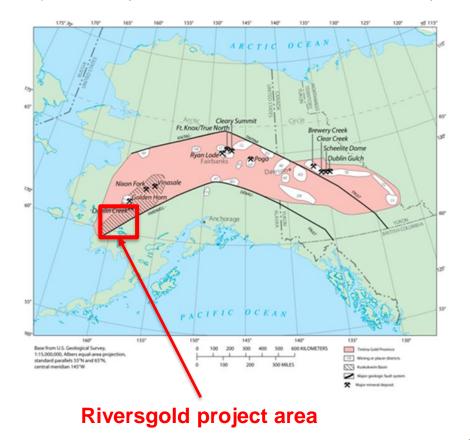
- Large land position with numerous surface Au anomalies/minimal drilling
- Jaws
  - Folded BIF along strike from Maxwells/Cockeyed Bob deposits
- Round Hill
  - 16km gravity anomaly related to buried mafic rocks
  - Mostly undrilled
  - Infill gravity planned
- Angelfish Lake
  - 2.75g/t Au in quartz vein outcrop
  - Not drilled

\*See ASX Release dated 29 March 2018

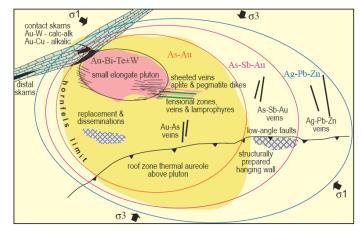


### Intrusion-Related Gold (IRG)

### **Tintina Gold Province** (the "birthplace" of Intrusion-Related Gold)



- Can be very large
  - Donlin Creek (39Moz M+I)
  - Fort Knox (7Moz prod'n )
  - Pogo (280kozpa prod'n)
- Can also be high grade
  - Nixon Fork (18g/t Au)
  - Pogo (12g/t Au)

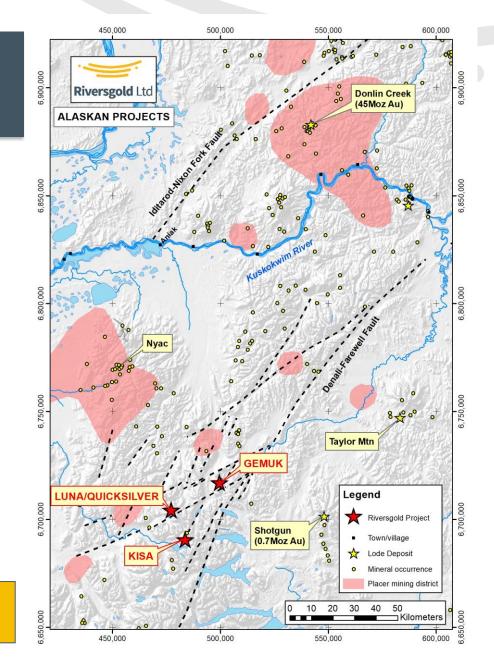


Generalised Intrusion-related gold model (Hart et al 2002)

### **SW Alaska Projects**

- 100% owned State of Alaska mining claims over 3 large IRG targets
  - Luna/Quicksilver
  - Kisa
  - Gemuk Mountain
- 190km south of giant Donlin Creek gold deposit (39Moz Au M+I)
- Historic placer gold mining area
- Dominant land position on splay fault off Denali-Farewell Fault
- Proprietary regional geochemistry and geophysics datasets

# Potential for a large, high-grade intrusion-related gold (IRG) deposit



### The Alaskan Opportunity



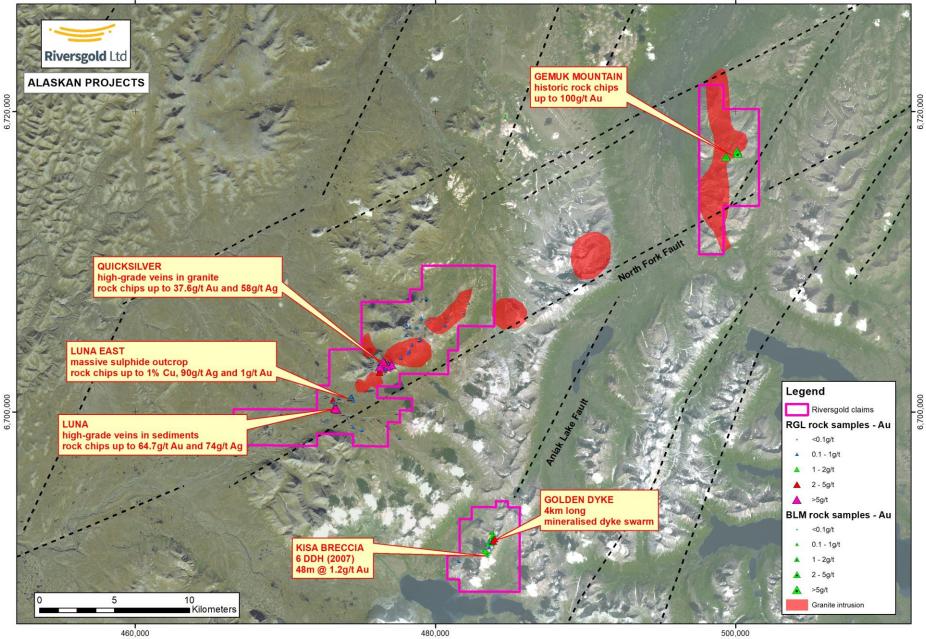
- World-class gold endowment\*:
  - 2.5% of world's reserves
  - 40% of USA's resources
  - 2<sup>nd</sup> largest producer in USA
  - Established mining industry
    - 6 producing mines
    - 8 major projects underway
- Stable Federal/State governments
- Clearly defined land status and permitting processes
- Supportive Native Corporations
- Top 10 in annual Fraser
   Institute Global Mining Survey

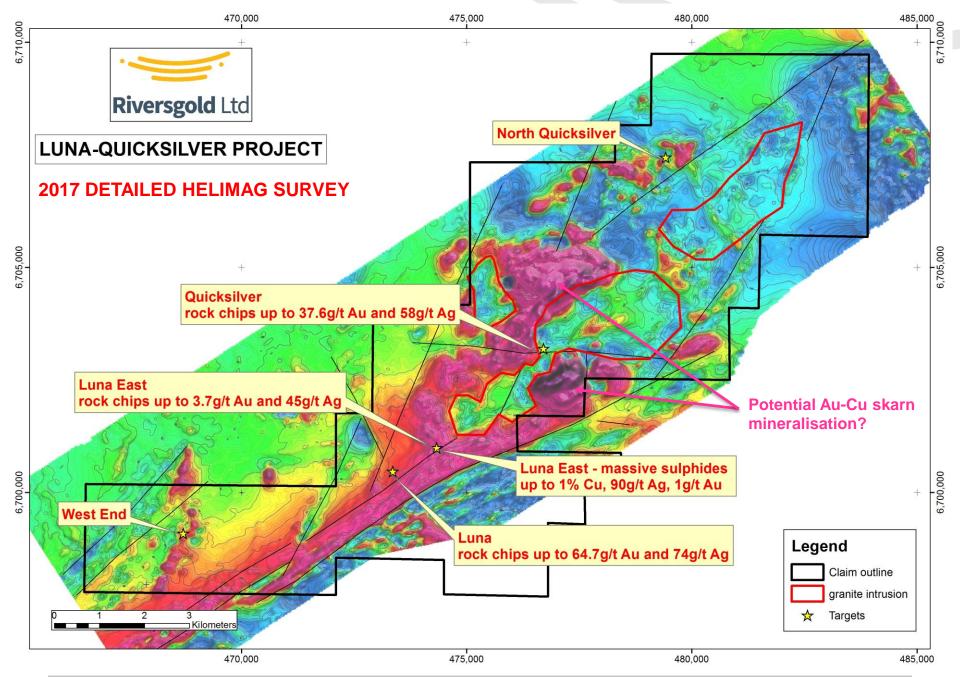
\*(USGS 2016 world estimates; DGGS Alaska 2016 data)



6,720,000

480,000

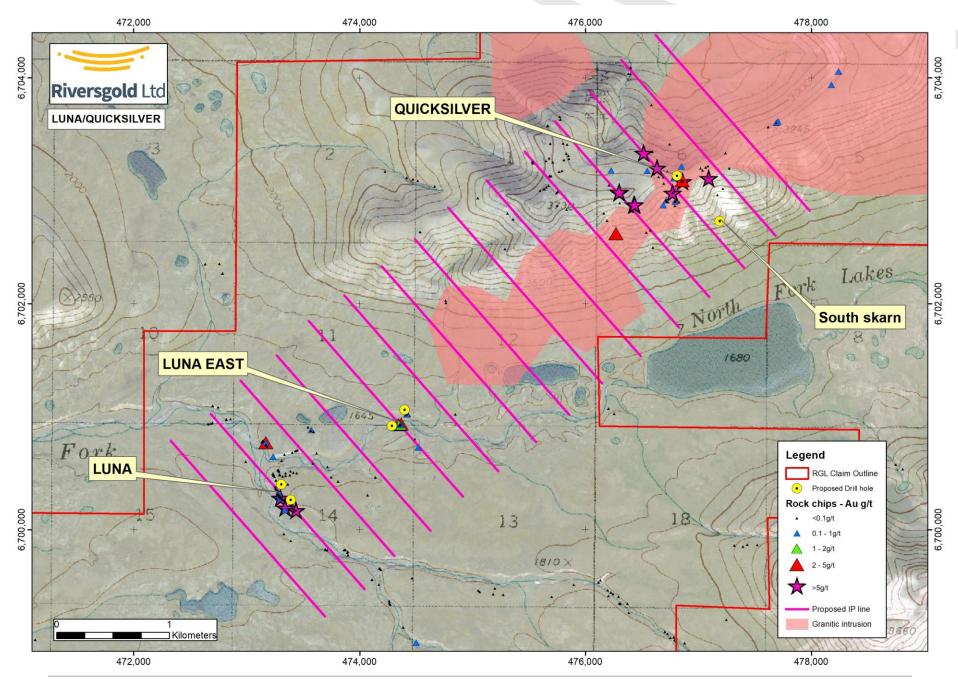




### **2018 Alaska Field Season Objectives**

Planning well advanced for Jul-Aug field programme

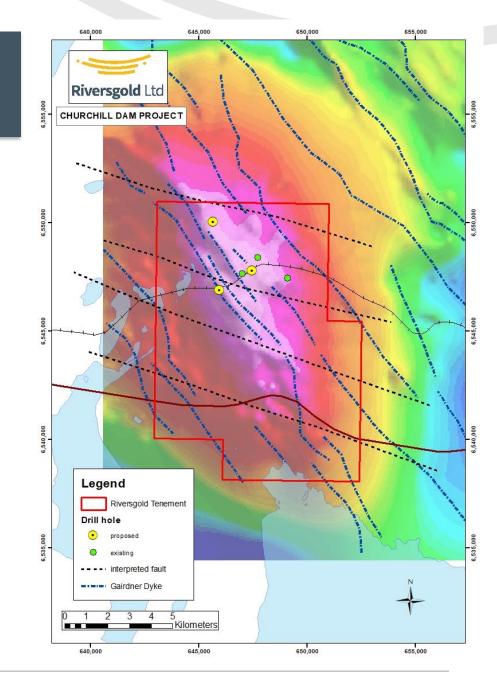
Project	
Luna/Quicksilver	<ul> <li>Grid IP/soil survey</li> <li>Project-scale mapping/rock chip sampling</li> <li>Diamond Drilling:         <ul> <li>Luna</li> <li>Luna East</li> <li>Quicksilver</li> <li>Skarn targets</li> </ul> </li> </ul>
Gemuk	<ul> <li>Mapping</li> <li>Rock-chip/soil sampling</li> <li>(Helimags)</li> </ul>
Kisa	<ul> <li>Diamond Drilling:</li> <li>Golden Dyke</li> </ul>



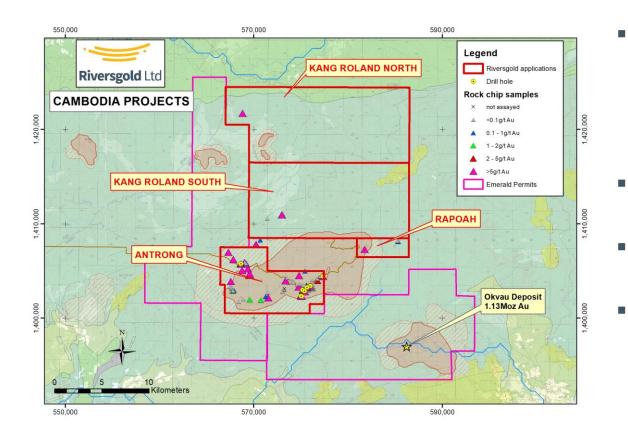
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### **Churchill Dam, SA**

- Large IOCG target 90km south of Olympic Dam
- Highest amplitude part of 60km<sup>2</sup> gravity anomaly remains untested
- Hematite-altered Gawler Range Volcanic basement in previous diamond drilling (similar to Acropolis IOCG deposit)
- Anomalous Cu-Au-U-REE's
- Basement shallows to west
- Plans to drill test in 2H 2018 permitting underway



### **Cambodia IRG Applications**



- Applications for Mineral Exploration Licences adjacent to 1.13Moz Okvau gold deposit
- Numerous Au-As Sb-Bi soil anomalies
- Multiple high-grade rock chips >5g/t Au
- Shallow high-grade diamond drill results:
  - Antrong
  - O'thmey

### Target testing accelerating in 2018...

	2018		
Project	Jun	Sep	Dec
Yilgani	GPX	aircore +/-RC	aircore +/-RC
Kurnalpi North	Cutler RC Farr-Jones RC Queen Lapage	Venetian	
Kurnalpi South	GPX	GC	aircore
Alaska		GC/GPX Luna/Quicksilver Kisa	
South Australia			Churchill Dam
News flow	✓	✓	✓

GC – geochem
GPX - geophysics
D – drill program (subject to approvals)

### **Riversgold - Summary**

- Highly prospective exploration projects in world-class gold terranes:
  - Strategic landholding in Eastern Goldfields with numerous targets
  - Two Intrusion-Related Gold (IRG) terranes (Alaska and Cambodia)
- Experienced Board with track record of successful exploration, discovery, development and production
- Well funded (A\$3.9M cash @ 30 March 2018)
  - Strategic cornerstone investor Evolution Mining Limited
- Substantial upside with drilling accelerating over next 6 months
  - 2.6km long bedrock gold target identified at Yilgani
  - Numerous drill programmes planned for Kurnalpi targets
  - New high-grade gold projects acquired in WA and Alaska
  - First ever drilling of Luna-Quicksilver in mid-2018 season
  - Plans to drill large IOCG target in South Australia in 2H 2018





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