ASX: RGL



HIGH-GRADE DRILL RESULT EXTENDS CUTLER MINERALISATION

- High-grade gold result of 1m @ 62.9g/t Au at northern end of Cutler drilling
- Cutler structure now defined over 500m of strike and open to north
- Follow-up drilling planned Programme of Work (POW) approved

Riversgold Limited (ASX: RGL, "Riversgold") is pleased to provide an update on recent drilling at its Cutler prospect in Western Australia, where it has intersected high-grade gold mineralisation (1m @ 62.9g/t Au from 129m) in a drill hole at the northern end of the current drilling coverage.

The Cutler prospect is located approximately northeast of Silver Lake Resources' Randalls processing plant in the Eastern Goldfields region of WA (Figure 1) and is one of several targets identified from historical surface geochemical surveys completed during the late 1980's – early 1990's.

The initial drilling programme at Cutler returned a number of high-grade oxide gold results, as well as confirming the presence of a mineralised structure over at least 500m of strike (see ASX release dated 8 June 2018). Follow up drilling comprising six RC holes has recently been completed (Figure 2).

Highlights from the recent drilling include:

- CURC0013 was drilled to the west of CURC0003 and intersected a 30m wide zone of gold anomalism from 117 to 148m including several zones of narrower, higher grade gold results such as 2m @ 1.06g/t Au, 1m @ 4.63g/t Au, 3m @ 1.29g/t Au and 10m @ 0.85g/t Au, (including 3m @ 1.44g/t Au). The thickness of the mineralised zone seems to be increasing towards the west on this section and follow-up drilling is therefore planned.
- CURC0014 was drilled in-between CURC0005 and CURC0006 to infill the drill section spacing to 50m. The hole intersected the interpreted Cutler structure where expected and returned a high-grade result of 1m @ 62.9g/t Au from 129m, along with another mineralised zone towards the bottom of the hole of 3m @ 2.19g/t Au from 145m.
- CURC0016 was drilled as a scissor hole to CURC0010, which intersected shallow high-grade oxide mineralisation (4m @ 5.31g/t Au). CURC0016 successfully intersected the Cutler structure and returned a result of 5m @ 0.88g/t Au from 107m, including 2m @ 1.53g/t Au from 110m.

Riversgold's Managing Director, Mr Allan Kelly, said the recent results strengthened the concept of northerly plunging gold mineralisation within the Cutler structure and that the intersection in hole CURC0014 had significant implications for the potential size of the Cutler target.

"This high-grade intersection in CURC0014 is from one of the deeper holes drilled at Cutler to date and at the northern edge of the current drill pattern," Mr Kelly said.

"It looks like CURC0006 did not effectively test the Cutler structure, which means the gold mineralisation remains open down-plunge to the north, potentially for a significant distance," he added.

The Company advises it has recently received approval of a Programme of Work (POW) for further follow-up drilling at Cutler, which will commence following completion of the Alaskan drilling campaign.

For further information please contact:

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Figure 1. Location of the Cutler, Farr-Jones and Venetian targets over GSWA regional geology (green – mafic, yellow-felsic, grey – sediments, dark blue - BIF).



Figure 2. Cutler Prospect showing recent drilling and significant bedrock gold results.



Figure 3. Cutler cross section 6571285mN.



Figure 4. Cutler cross section 6571335mN.

Hole	Easting	Northing	Total	Dip/	From	То	Interval	Grade
	-		Depth	Azimuth	(m)	(m)	(m)	(g/t)
CURC0012	414355	6571184	198	-60/090	2	3	1	0.84
					35	36	1	0.71
					38	39	1	0.57
					98	99	1	0.68
					101	102	1	1.67
CURC0013	414403	6571288	180	-60/090	33	36	3	0.74
					70	71	1	1.31
					117	119	2	1.06
					122	123	1	4.63
					125	128	3	1.29
					133	134	1	0.70
					138	148	10	0.85
				including	138	141	3	1.44
CURC0014	414453	6571334	150	-60/090	94	95	1	1.56
					129	130	1	62.92
					145	148	3	2.19
CURC0015	414380	6570934	150	-60/090				NSA
CURC0016	414453	6570879	150	-60/270	107	112	5	0.88
				including	110	112	2	1.53
CURC0017	414340	6570835	150	-60/090				NSA

Note:

- Results reported above 0.5g/t lower cut-off with maximum 1 sample (i.e. 1m) of internal dilution
- NSA No significant results
- Collar coordinates in MGA Zone 51S

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 (AIG). 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 this announcement of the matters based on this information in the form and context in which it appears.

Information on historical results for the Cutler target, including Table 1 information, is contained in the ASX Release dated 26 February 2018.

Information on recent results for the Cutler target, including Table 1 information is contained in the ASX release dated 8 June 2018.

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.

Section 1 Sampling Techniques and Data – Cutler RC drilling (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. 	 Samples of each meter weighing approximately 25kg taken from cyclone and riffle split to achieve a sub-sample of approximately 3kg
	 Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 	
	• Aspects of the determination of mineralisation that are Material to the Public Report.	
	 In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	
Drilling techniques	• Drill type (e.g. core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	Reverse circulation drilling
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to 	 Sample recovery assessed visually via size of sample bag
	preferential loss/gain of fine/coarse material.	
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. 	 Samples were logged on site for colour grain size, major lithology, alteration, veining and mineralisation. All samples were logged and representative samples were placed in
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. 	plastic chip trays for future reference
	The total length and percentage of the relevant intersections logged.	
Sub- sampling	• If core, whether cut or sawn and whether	 Sub-samples were taken using a riffle splitter to achieve approximately 3kg of

Criteria	JORC Code explanation	Commentary		
techniques	quarter, half or all core taken.	material.		
and sample preparation	 If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. 	 Entire sample crushed and pulverised to -75um 50g sub-sample taken for assay 		
	 Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 			
	 Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. 			
	 Whether sample sizes are appropriate to the grain size of the material being sampled. 			
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	 Samples were dispatched to the laboratory for analysis by 50g lead collection fire assay with ICPOES and 0.005ppm (5ppb) lower detection limit. 		
tests	• For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	 Certified reference materials, blanks and duplicates were inserted into the sample string 		
		 QAQC samples were added at a frequency of 4 QA/QC samples per 100 samples 		
	 Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 			
Verification of	The verification of significant intersections by either independent or	No verification performed at this stageData collected on site via laptop		
sampling and assaying	alternative company personnel.The use of twinned holes.	computer and imported into a MS access database.		
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. 	 Assay data received from the lab is imported into the MS access database and merged with the field data 		
	 Discuss any adjustment to assay data. 			
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and 	 Hole collars were located using handheld GPS No down hole surveys have been 		
	other locations used in Mineral Resource estimation.	 No down hole surveys have been completed at this stage 		
	• Specification of the grid system used.			
	 Quality and adequacy of topographic control. 			
Data spacing and	Data spacing for reporting of Exploration Results.	 Drill spacing was designed to confirm previous RC drilling and test below aballow DAB drilling 		
and	• Whether the data spacing, and	shallow RAB drilling		

Criteria	JORC Code explanation	Commentary
distribution	distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	 At this stage most sections have only one RC drill hole per section, and the section spacing varies from 50-100m, so further regular spaced drilling is required
	 Whether sample compositing has been applied. 	
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 Drilling was completed on existing E-W sections, which is roughly orthogonal to the main geological trend All holes except CURC0016 were drilled towards the east, to test the presence of a westerly dipping structure
Sample security	The measures taken to ensure sample security.	 Samples were shipped from site to the laboratory by Riversgold staff
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audit/review completed

Section 2 Reporting of Exploration Results – Cutler RC drilling

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of 	 Cutler is located on E25/550, which is 100% owned by Riversgold (Australia) Pty Ltd, a wholly owned subsidiary of Riversgold Limited Riversgold purchased 100% of E25/550 in February 2018
	reporting along with any known impediments to obtaining a licence to operate in the area.	
Exploration done by other parties	 Acknowledgment and appraisal of exploration by other parties. 	 Previous exploration completed in the mid 1990's (mostly) by Mt Martin, which included soil sampling, RAB drilling and limited RC drilling
		 Integra Mining completed a soil survey over the Cutler Target
Geology	• Deposit type, geological setting and style of mineralisation.	 Archaean mesothermal lode gold hosted in mafic volcanics/intrusive rocks
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	• See Table 1.
	 easting and northing of the drill hole collar 	
	 elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar 	

Criteria	JORC Code explanation	Commentary
	o dip and azimuth of the hole	
	\circ down hole length and interception depth	
	o hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. 	 Intervals reported with 0.25g/t lower cut-off and including a maximum of one sample of internal dilution
	• Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	
	 The assumptions used for any reporting of metal equivalent values should be clearly stated. 	
Relationship	• These relationships are particularly	Supergene mineralisation is horizontal
between mineralisation widths and intercept lengths	 important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 	 Current interpretation is the mineralised structure is steeply west dipping/sub- vertical; as such all current drill holes except CURC0016 were drilled towards the east
	 If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known'). 	True widths not known at this stage
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	Drill plan and sections attached
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	 Intervals reported with 0.25g/t lower cut-off and including a maximum of one sample of internal dilution
Other substantive exploration data	 Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating 	No other relevant data at this stage

Criteria	JORC Code explanation	Commentary		
	substances.			
Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	 Infill RC drilling on a 50m x 25m grid planned Aircore testing of strike extensions and potential parallel eastern structure planned 		
	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.			