ASX: RGL





KURNALPI SOIL SURVEYS PROVIDE TARGETS FOR DRILL TESTING

- Strong gold in soil anomalies at Farr-Jones, Horan and Venetian
- Historic soil anomalies confirmed and upgraded with modern analytical methods
- Farr-Jones follow-up drilling planned Horan Programme of Work approved

Riversgold Limited (**ASX: RGL**, "Riversgold") is pleased to provide an update on results from recent soil sampling at the Farr-Jones, Horan and Venetian targets. A number of new anomalies have been identified providing the Company with targets for further drill testing.

Farr-Jones and Horan are located approximately 15km northeast of Silver Lake Resources' Randalls processing plant in the Eastern Goldfields region of WA (Figure 1) and were identified from historical surface geochemical surveys completed during the late 1980's and early 1990's.

Riversgold recently announced the discovery of high-grade gold mineralisation in the first two holes drilled at Farr-Jones, including **3m @ 17.8g/t Au** in **FJRC0001** and **4m @ 6.46g/t Au** in **FJRC0002** (see ASX Releases dated 2 July and 13 August 2018).



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

Surface geochemical sampling has recently been completed over the Farr-Jones and Horan targets along with the Venetian target further to the north. Previous soil sampling in the area was completed in 1989-90 and the samples were only analysed for gold.

The recent soil surveys were conducted at spacings from 25m x 50m, over the known mineralisation at Farr-Jones, to 50m x 100m over the more distal areas of Farr-Jones and at Horan.

Farr-Jones

The new survey has confirmed and upgraded the soil anomalism at Farr-Jones with a 240m long zone of Au greater than 35ppb, with several Au values greater than 75ppb, and a peak value of 102ppb Au (compared with the historical peak of 44ppb) (Figure 2).

The anomaly is up-dip of the recent drilling with an apparent NNW strike, consistent with the current geological interpretation for this target.

A second anomaly, approximately 160m long, and with a peak value of 72ppb Au, is observed approximately 400m north of the main Farr-Jones anomaly. This anomaly has not been drill tested at this stage but, given the high-grade gold results from the first drilling campaign, is highlighted as a target for immediate follow-up.

Horan

At Horan, the recent sampling has seen the historical NW-trending anomaly break up into two N-S trending anomalies, each approximately 400m long.

The tenor of the new gold results is generally higher than the historical data, with a peak value in the larger of the two anomalies of 47ppb Au (compared with a historical peak of 29ppb Au), and a peak in the other anomaly of 42ppb Au (compared with the historical result of 24ppb Au).

As at Farr-Jones, typical pathfinder elements show limited correlation with gold at Horan. Notably, the only tungsten result above the lower detection limit (0.1ppm) occurs from a sample in the middle of the main anomaly, which returned a result of 33ppb Au.

The soil anomalies warranted infill sampling in order to define a target for initial drill testing. The Company has recently received POW approval for the first drilling campaign at the Horan target.

Given the apparent association of the gold mineralisation with sulphides, the Company is considering trialling electrical geophysics as a potential targeting tool at both Farr-Jones and Horan.

Venetian

Soil sampling was conducted over the Venetian target, at a spacing of 50m along lines 200-400m apart.

The sampling aimed to follow-up previous auger sampling which appears to show anomalism associated with NNW-trending stratigraphy. In addition, historical drilling outside Riversgold's tenement boundary indicates the potential for gold mineralisation to continue onto the Company's tenements (Figure 4).

The results of the recent sampling appear to show two large areas of gold anomalism with the western one approximately 800m long and NE-trending. This is considered significant given the geology and structure is similar to the Queen Lapage target further to the north where late NE-trending faults will be the target for future exploration.

Given the size of the anomalous area, and the wide spacing of the sampling, further sampling is planned to define targets for drill testing. Figure 5 shows the size of the Venetian soil anomaly in relation to Farr-Jones and Horan.



Figure 2. Farr-Jones soil sample results (Au ppb).



Figure 3. Horan soil sample results (Au ppb).



Figure 4. Venetian soil sampling results in relation to historic data.



Figure 5. Farr-Jones, Horan and Venetian targets showing relative size of soil anomalies.

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About Riversgold Limited

Riversgold listed on the ASX in October 2017 and has a portfolio of gold exploration projects within the Eastern Goldfields of Western Australia, the Tintina Gold Belt in southwest Alaska, USA, and the Gawler Craton of South Australia, along with applications for mineral exploration tenements in Cambodia, adjacent to the 1 million-ounce Okvau gold deposit.

Riversgold's Board has a track record of successful discovery, development and production.

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 Farr-Jones target, including Table 1 information, is contained in the Independent Geologists Report in the Riversgold Replacement Prospectus dated 11 August 2017.
- Information on drill results for Farr-Jones, including Table 1 information, is contained in the ASX releases dated 2 July and 13 August 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 – Farr-Jones/Horan/Venetian soil sampling (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 	 Soil samples were collected over a 25x 25-50m area at Farr-Jones, 50 x 100m area at Horan and 50 x 200-400m area at Venetian. All samples were taken at a minimum depth of 10cm below surface to avoid transported cover. Farr-Jones and Horan samples were
	 limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 	 sieved onsite using an 80-mesh (- 177um) sieve collecting a minimum of 20g of material. Venetian samples were bulked sampled
	 Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has 	 and sieved at 80-mesh (-177um) to obtain 20-25g. Soil samples were submitted to Intertek in Kalgoorlie in preparation for analysis.
	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	 Venetian samples required further sieving as requested prior to analysis. All samples were forwarded to Intertek in
	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.	 Perth for analysis A 10g sample was subject to Aqua Regia digestion with ICP-MS finish consisting of 33 elements including Au.
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).	 No drilling reported
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery 	 No drilling reported
	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 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. 	 Basic description of the sampling location was recorded
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. 	
	The total length and percentage of the relevant intersections logged.	
Sub- sampling	• If core, whether cut or sawn and whether	 Farr-Jones and Horan samples were taken with a pick and shovel and sieved

Criteria	JORC Code explanation	Commentary
techniques and sample preparation	 quarter, half or all core taken. 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. 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. 	 to -177um using an 80 mesh sieve obtaining a minimum of a 20g sample. Venetian samples were bulk sampled in a calico bag and sent to the lab for drying and sieving to -177um where 20-25g sample was collected Samplers were trained in best practice techniques including: avoiding contamination by cleaning sampling equipment between samples, avoid cross contamination by removing jewellery during sampling and ensuring a representative sample is taken by taking several shovel scoops from the base of the hole and sieving out large soil fragments. Intertek adopts industry best practice to ensure there is no contamination during sample preparation. Field duplicates were collected 1 per 100 samples which consisted of a second sample from the same location. Blanks were inserted 1 per 100 samples and standard reference material was inserted 2 per 100 samples to monitor potential contamination within the laboratory. Sample size was appropriate for a 10g analysis
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. 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. 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. 	 Aqua Regia is a partial digestion that is considered appropriate for detecting gold other pathfinder elements loosely bound in oxide material Quality control procedures adopted the inclusion of QAQC samples including OREAS standards (2 per 100 samples), blanks (1 per 100 samples) and duplicates (1 per 100 samples) The laboratory analysed a range of internal and industry standards, blanks and duplicates as part of their analysis.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. 	 No verification performed at this stage Data collected on site was monitored by a senior staff member and imported into a Datashed database Assay data received from the lab is imported into the Datashed database

Criteria	JORC Code explanation	Commentary
	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 other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Samples were located using handheld GPS with an expected accuracy of +/- 5m All sample locations are loced in MGA- GDA94 Zone 51 RL's are measured with the GPS during the programme and considered a sufficient source of data.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing, and 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. Whether sample compositing has been applied. 	 Soil samples were collected over a 25x 25-50m area at Farr-Jones, 50 x 100m area at Horan and 50 x 200-400m area at Venetian. The data spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource estimation purposes No compositing 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. 	 The sampling lines were aimed to to be approximately perpendicular to the strike of the target structure as defined by previous drilling and mapping along with the aeromagnetic imagery Refer to previous ASX releases
Sample security	The measures taken to ensure sample security.	 Samples were bagged in soils bags and/or calico bags and secured in apolyweave bags with cable ties. At the conclusion of the programme the polyweaves were transported to Intertek Lab in Kalgoorlie, placed on a pallet inside the secured facility. This process was done by a senior member of Riversgold.
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 – Farr-Jones/Horan/Venetian soil sampling

(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.	 Farr-Jones and Horan are located on E25/541, which is 80% owned by Riversgold (Australia) Pty Ltd, a wholly owned subsidiary of Riversgold Limited Venetian is located within E25/540, which is 80% owned by Riversgold (Australia) Pty Ltd, a wholly owned
	• The security of the tenure held at the time of reporting along with any known impediments	subsidiary of Riversgold LimitedRiversgold has an exploration JV with

Criteria	JORC Code explanation	Commentary
	to obtaining a licence to operate in the area.	Serendipity Resources Pty Ltd (20%) over E25/540 and E25/541.
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 and one line of RAB and RC holes
Geology	Deposit type, geological setting and style of mineralisation.	 Archaean mesothermal lode gold hosted in clastic sediments (black shale)
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:	Plan of soil samples shown
	 easting and northing of the drill hole collar 	
	 elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar 	
	\circ 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.	No aggregation applied
	 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 between mineralisation widths and intercept	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation 	 Not known at this stage
lengths	with respect to the drill hole angle is known, its nature should be reported.	
	 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'). 	
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts 	Plan of soil sampling shown

Criteria	JORC Code explanation	Commentary
	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.	
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.	Plan of all soil samples shown
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 substances. 	No other relevant data at this stage
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).	 Follow-up RC drilling and investigation of other soil anomalies in the area
	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	