

# HIGH GRADE GOLD ZONE MT REMARKABLE

### **Australian Securities Exchange Announcement**

20/06/18

## **High Grade Gold Results**

- Multiple high-grade intersections have been returned, from three drill sections, defining a very highgrade gold zone at the eastern end of the main Trudi grid drilling. Best down hole intersections include:
  - 3m @ 41.75g/t Au including 1m @ 81.5g/t Au from 16m in KMRC0072,
  - 3m @ 38.70g/t Au including 1m @ 55.80g/t Au from 22m in KMRC0073,
  - 2m @ 66.50g/t Au including 1m @ 77.2g/t Au from 27m in KMRC0074,
  - 4m @ 39.78g/t Au including 1m @ 82.7g/t Au from 31m in KMRC0075,
  - 3m @ 16.26g/t Au including 1m @ 38.30g/t Au from 13m in KMRC0076,
  - 2m @ 27.28g/t Au including 1m @ 39.20g/t Au from 29m in KMRC0079.

King River Copper Ltd (ASX:KRC) is pleased to announce that multiple very high-grade gold results have been returned from drilling at the eastern end of the current reverse circulation ("RC") drilling grid on the Trudi Vein, at the Mt Remarkable Project (200km south of Kununurra). These results are subsequent to previously announced visible gold intersections of 4m @ 113.29/t Au including 1m at 346g/t Au from KMRC0078 and 3m @ 34.8g/t Au including 1m @ 50.5g/t Au from KMRC0077 (KRC ASX announcement 5/6/18). The new results now define a very high-grade gold zone that is currently open to the east and at depth (Figure 1 to 3). Follow up holes to test extensions to this zone have been designed and drilling has commenced.

The current drill programme is a close spaced RC grid (5m spacing) designed to test and delineate the trend of high-grade gold mineralisation and identify other nearby high-grade shoots (Figure 2 and 3). The grid has now been extended to the east to follow up on and extend this new high-grade zone and a second deeper grid (at 10m spacing) has also been commenced.

Also four diamond drill holes are planned to start late this week to provide structural information on the high-grade gold zones.

Interpretation of results so far have shown gold mineralization at Trudi to be broadly associated with the main adularia vein, however the high-grade mineralisation is not constrained to the intense adularia zones as previously thought, but forms plunging shoots that trend within the broader quartz adularia structure. It is interpreted that the overall trend of mineralization follows the intersection of the Grahame vein, another mineralized quartz adularia vein, with the Trudi Vein. This trend is untested by historical drilling beyond the main zone (Figure 2).

Exploration drilling is planned to track both the Grahame and the Trudi vein to the east (see new drill intersection of a 38m quartz adularia structure – assays pending; ASX announcement 12/6/18) and then test the intersection zone as it plunges to the east (Figure 2).

KRC believe that continued close spaced testing of other mineralized areas on the Trudi Vein could reveal additional new high-grade gold shoots. Close spaced grid drilling has also been completed on the Gemma Vein, 1.4km north of Trudi (assays pending), where a 2017 drill intersect returned over 5g/t Au, adjacent to areas of structural complexity and large vein widths. Also exploration drilling of other veins in the Mt Remarkable project is planned.



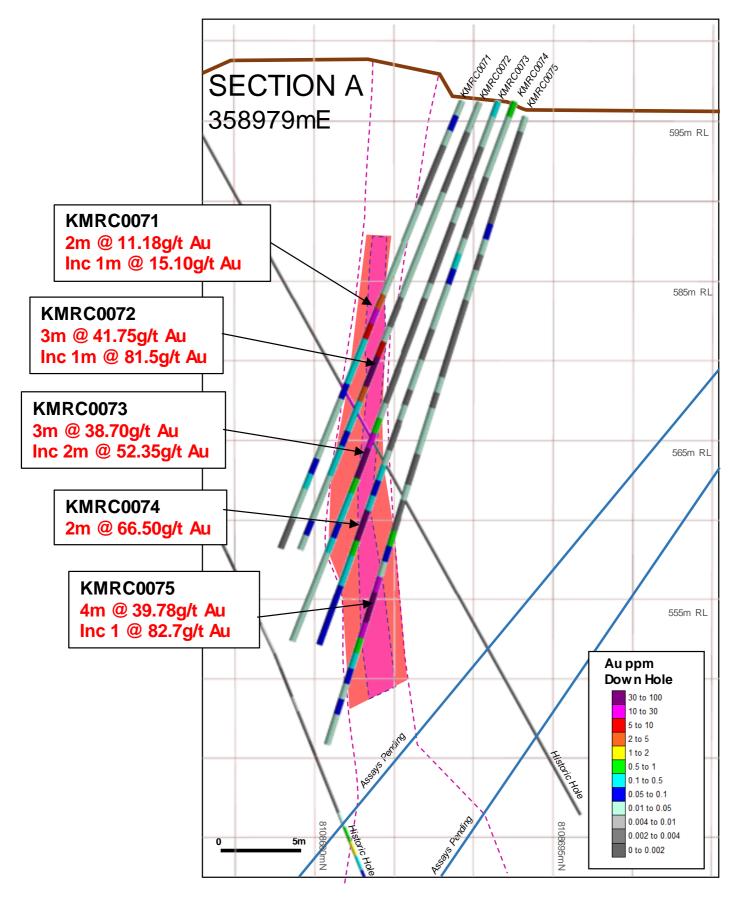


Figure 1 Cross Section- 358979mE, looking west, showing drill holes with high grade gold results. Pink zone >5g/t, red >0.1g/t Au, dashed line broad structure.



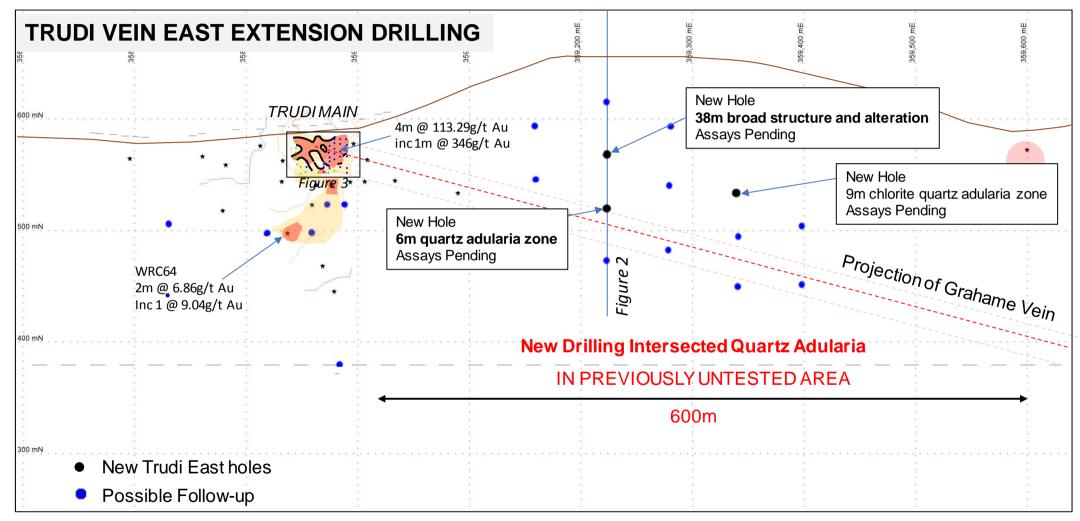


Figure 2: Long Projection, looking north, showing know extents of the Trudi Vein with Trudi high grade area currently being grid drilled (black box – figure 3) and intersection with Grahame Vein plunging to east. Intersections to east previously announced in KRC ASX announcement 12/6/18.



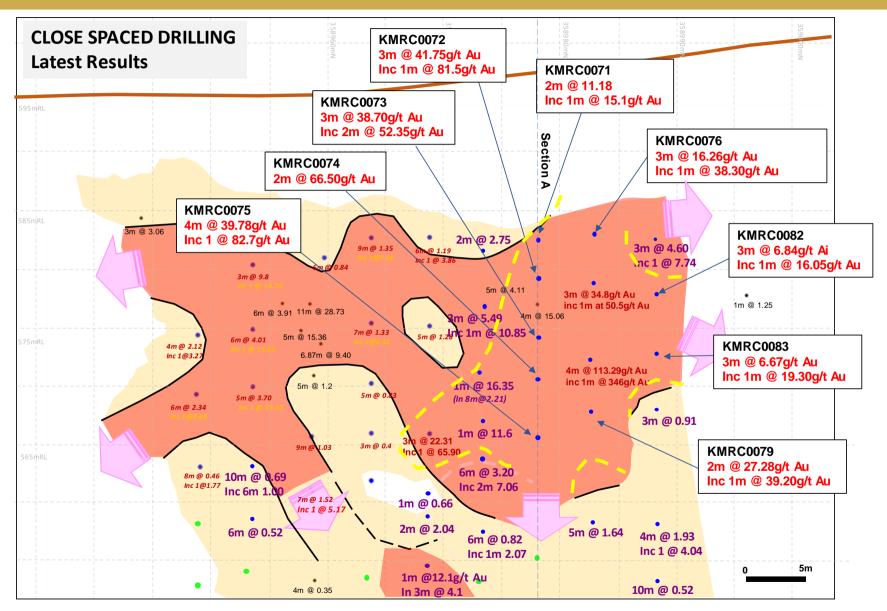


Figure 3: Long Projection, looking north, of Trudi high grade area targeted by close spaced drilling: new very high grade down hole intersects (in text boxes), new down hole intersects (purple labels), drilled holes (blue dots), holes with assays pending (green dots), > 10 gram metre of gold (red polygon).



#### **Background**

The Mt Remarkable Project is located 200km south west of Kununurra in the East Kimberley, Western Australia, and is 100% owned by KRC.

KRC completed two Reverse Circulation ("RC") drill programmes at Mt Remarkable in 2017, totaling 2,130m with results reported on the 29th October 2017, 10th, 21st and 27th November 2017, and 20 December 2017.

Drilling at the Trudi vein confirmed historical high grade drill intersects (such as historic intersection of 5m at 15.4g/t, see KRC:ASX 5 April 2016 release) with one scissor hole returning 11m at 27.9g/t Gold (Au) including 1m @ 90.7g/t Au from RC hole KMRC026 and also with high grade results from two twin holes which returned 5m @ 4.11g/t Au including 1m @ 16.9g/t Au (KRRC0027) and 4m @ 5.72g/t Au including 1m @ 15.95g/t Au.

Other drilling results have now extended the main Trudi vein system to a potential strike length of nearly 1km with mineralised intersections obtained 600m to the east and 100m to the west of the original historical drilling. High grade mineralization (+5g/t) was also returned at the eastern part of the Gemma Veins, adjacent to areas of structural complexity with large vein widths. Gold mineralisation has also been intersected at other locations, including at the Grahame vein, an area west at the Catherine vein, and an intersection of mineralised veining near previously reported 30.8g/t Au rock chip sample.

#### **Directors Comment**

The strategy of initial close space drilling on the Trudi Vein has proven highly effective in identifying, delineating and extending high grade gold zones and has validated KRC's view that there should be potential for repeats of additional high-grade gold shoots placed along the known ~1 km of mineralised strike at Trudi.

Evidence of some structural changes ~600 metres East of the Trudi main area, with a zone potentially widening to 25+ metres, is also most encouraging.

Identifying epithermal gold mineralisation, shallow and of such high grades, so early in this exploration area must greatly enhance the prospectivity of the numerous other under-explored vein systems that KRC have mapped at Mt Remarkable.



**Table 1: RC Drill Hole Location Details** 

Hala ID	Dunanant	Drill	Easting	Northing	Elevation	Dip	Azimuth	Depth
Hole ID	Prospect	Туре	MGA94 (m)	MGA94 (m)	(m)	(degrees)	(degrees)	(m)
KMRC0060	Trudi Grid	RC	358969	8108695	593	-67	180	42
KMRC0061	Trudi Grid	RC	358969	8108696	593	-69	183	42
KMRC0062	Trudi Grid	RC	358969	8108697	593	-71	179	54
KMRC0063	Trudi Grid	RC	358974	8108690	593	-58	181	24
KMRC0064	Trudi Grid	RC	358974	8108691	593	-61	182	24
KMRC0065	Trudi Grid	RC	358974	8108692	593	-64	183	30
KMRC0066	Trudi Grid	RC	358974	8108693	593	-67	181	36
KMRC0067	Trudi Grid	RC	358974	8108694	593	-70	184	42
KMRC0068	Trudi Grid	RC	358974	8108695	593	-71	180	48
KMRC0069	Trudi Grid	RC	358954	8108969	593	-67	180	48
KMRC0070	Trudi Grid	RC	358954	8108970	593	-68	180	48
KMRC0071	Trudi Grid	RC	358980	8108689.5	596	-66	180	30
KMRC0072	Trudi Grid	RC	358980	8108690.5	596	-68	180	30
KMRC0073	Trudi Grid	RC	358980	8108691.5	596	-70	180	36
KMRC0074	Trudi Grid	RC	358980	8108692.5	596	-71	180	36
KMRC0075	Trudi Grid	RC	358980	8108693.5	596	-72	180	42
KMRC0076	Trudi Grid	RC	358984	8108689.5	596	-65	180	24
KMRC0077	Trudi Grid	RC	358984	8108690.5	596	-68	180	30
KMRC0078	Trudi Grid	RC	358984	8108691.5	596	-71	180	36
KMRC0079	Trudi Grid	RC	358984	8108693.5	596	-69.4	180	42
KMRC0080	Trudi Grid	RC	358984	8108694.5	596	-73	180	48
KMRC0081	Trudi Grid	RC	358989	8108692	596	-57	180	24
KMRC0082	Trudi Grid	RC	358989	8108693	596	-62	180	30
KMRC0083	Trudi Grid	RC	358989	8108694	596	-64.5	180	36
KMRC0084	Trudi Grid	RC	358989	8108695	596	-67	180	42
KMRC0085	Trudi Grid	RC	358989	8108696	596	-70	180	48
KMRC0086	Trudi Grid	RC	358989	8108697	596	-71.5	180	54



Table 2: RC Down Hole Assay Intersections (>0.1g/t Au)

HoleId	Prospect	From	То	Interval	Au	Ag	As	Bi	Cu	Pb	Sb	Te
Units		m	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
KMRC0060	Trudi Grid	29	30	1	0.138	1.3	0	0	129	20	0	0
		30	31	1	0.004	-0.5	0	0	32	16	0	0
		31	32	1	0.002	-0.5	0	0	29	31	0	0
		32	33	1	0.664	3.2	0	0	25	20	0	0
KMRC0061	Trudi Grid	34	35	1	2.51	18.2	0	0	505	28	8	10
		35	36	1	1.56	7.2	0	0	262	25	0	10
KMRC0062	Trudi Grid	39	40	1	12.1	23.7	0	0	984	58	0	10
		40	41	1	0.1	0.7	0	0	37	15	0	0
	- "- "	41	42	1	0.102	-0.5	0	0	52	11	0	0
KMRC0063	Trudi Grid	7	9	1	0.529	0.6	0	0	8	6	0	0
		9	10	1	0.147 0.033	0.6 0.5	0	0	13 9	11 7	0	0
		10	11	1	0.069	1	0	0	8	5	0	10
		11	12	1	0.003	0.8	0	0	7	7	0	0
		12	13	1	3.7	9.4	0	0	23	15	0	0
		13	14	1	1.805	4.9	0	0	51	27	0	0
KMRC0064	Trudi Grid	15	16	1	10.85	12.8	0	0	47	58	0	10
		16	17	1	5.17	17.8	0	0	35	39	0	0
		17	18	1	0.444	5.5	0	0	13	12	0	0
		18	19	1	0.105	0.6	0	0	4	10	0	0
		19	20	1	0.068	1	0	0	3	7	0	0
		20	21	1	0.112	3.5	0	0	9	11	0	0
KMRC0065	Trudi Grid	16	17	1	0.114	-0.5	0	0	10	8	0	0
		17	18	1	0.018	-0.5	5	2	64	15	0	0
		18	19	1	0.334	2.5	5	5	45	18	0	0
		19	20	1	0.647	3.1	0	6	59	22	0	0
		20	21	1	0.029	0.8	7	0	77	19	0	0
		21	22	1	0.021	0.8	0	0	28	10	0	0
		22	23	1	16.35	9.7	5	0	49	11	6	10
KNADCOOCC	Touris Code	23	24	1	0.182	0.8	6	2	249	8	0	10
KMRC0066	Trudi Grid	27 28	28 29	1	11.6 0.172	25 0.9	8	2	285 592	12 22	6	10 0
KMRC0067	Trudi Grid	27	28	1	0.172	1.7	0	0	84	13	0	10
KIVII/C0007	Tradi Grid	28	29	1	1.25	12.8	8	2	384	51	0	10
		29	30	1	2.41	12.1	9	0	425	58	0	10
		30	31	1	1.35	11.5	9	0	331	86	10	10
		31	32	1	0.092	1.5	5	2	169	37	0	0
		32	33	1	6.47	27.2	8	6	166	38	0	10
-		33	34	1	7.64	31.9	7	0	49	13	7	10
KMRC0068	Trudi Grid	31	32	1	0.68	6.2	0	2	175	33	0	0
		32	33	1	1.21	9.1	0	3	318	80	0	10
		33	34	1	2.07	8.8	0	2	347	44	5	0
		34	35	1	0.09	2.4	0	3	75	12	0	0
		35	36	1	0.63	10.9	0	2	20	4	0	0
		36	37	1	0.23	3.2	0	0	12	5	0	0
KMRC0069	Trudi Grid	28	29	1	0.14	2.9	5	4	565	43	5	0
		29	30	1	0.26	8.3	0	0	421	51	0	10
		30	31	1	1.46	20.6	0	3	62	9	0	10
		31 32	32 33	1	0.4	13.8 17.6	0	3	44	8	0	10 10
		33	34	1	0.71	18.1	0	3	84	10	0	10
		34	35	1	2.23	11.6	0	2	38	6	0	0
		35	36	1	0.58	8.3	0	0	87	41	0	10
		36	37	1	0.13	1.5	0	0	102	18	0	0
		37	38	1	0.16	1.2	0	3	57	15	0	0



HoleId	Prospect	From	То	Interval	Au	Ag	As	Bi	Cu	Pb	Sb	Те
Units		m	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
KMRC0070	Trudi Grid	34	35	1	0.53	12.2	0	0	99	8	0	10
		35	36	1	0.41	6.8	0	4	61	43	0	0
		36	37	1	0.6	3.3	0	3	36	51	0	0
		37 38	38 39	1	0.41	12.9 20.3	0	6	62 46	106 178	9	10 10
		39	40	1	0.33	11.1	0	0	128	78	6	10
KMRC0071	Trudi Grid	13	14	1	2.77	18	0	0	17	9	0	0
		14	15	1	15.1	38.3	5	0	19	6	0	0
		15	16	1	7.26	19.4	0	2	33	24	0	10
		16	17	1	0.25	7.8	7	3	59	22	8	10
		17	18	1	0.17	3	0	5	18	12	6	0
		18	19	1	0.11	0.9	6	3	89	11	0	0
KMRC0072	Trudi Grid	16	17	1	8.85	14.4	0	5	21	15	6	10
		17 18	18 19	1	81.5 34.9	66.4 63	7	2	86 74	26 33	9	20
		19	20	1	2.82	17.5	6	0	1000	91	7	10
		20	21	1	0.42	0.9	0	2	152	14	0	0
		21	22	1	0.32	0.5	0	0	26	10	0	0
		22	23	1	0.06	-0.5	0	0	9	8	0	10
		23	24	1	0.11	-0.5	5	2	50	26	0	0
		24	25	1	0.47	0.5	6	0	103	37	0	0
KMRC0073	Trudi Grid	21	22	1	0.59	4.3	0	0	229	16	0	10
		22	23	1	11.4	15	0	0	1580	47	5	20
		23	24	1	55.8	92.3	0	21	1190	301	11	70
		24 25	25 26	1	48.9 0.56	54.4 4.6	0	0	162 358	148 81	7	20 0
		26	27	1	0.26	0.5	0	3	198	34	0	10
		27	28	1	0.16	-0.5	14	0	105	9	0	0
		28	29	1	0.06	-0.5	7	0	25	11	0	10
		29	30	1	0.27	-0.5	0	2	17	10	0	10
KMRC0074	Trudi Grid	24	25	1	0.13	0.9	5	0	55	17	0	10
		25	26	1	0.06	-0.5	0	0	135	12	0	0
		26	27	1	0.22	1.9	0	0	58	42	0	0
		27	28	1	55.8	64.1	5	3	1120	191	0	50
		28 29	29 30	1	77.2 0.53	82.4 0.7	5 0	6 0	4650 473	193 20	5 0	60 10
		30	31	1	0.25	-0.5	7	0	21	17	5	0
		31	32	1	0.18	-0.5	0	0	12	20	0	0
KMRC0075	Trudi Grid	31	32	1	27.7	39.3	0	0	2110	196	0	20
		32	33	1	82.7	>100	0	4	4110	235	12	70
		33	34	1	30.8	>100	0	5	246	32	5	70
	1	34	35	1	17.9	42.4	0	0	233	44	0	30
		35	36	1	0.66	3	0	0	91	36	5	10
VMPC007C	Terral: Carial	36	37	1	0.15	-0.5	0	0	195	12	0	0
KMRC0076	Trudi Grid	13 14	14 15	1	9.05 1.43	29.7 13.3	0	0	19 15	9 6	7 5	0
		15	16	1	38.3	26.3	0	0	45	16	0	10
		16	17	1	1.04	8.9	8	0	45	28	6	10
		17	18	1	0.8	5.9	6	0	91	53	0	10
		18	19	1	0.52	1.1	0	0	70	44	0	0
	1	19	20	1	0.22	0.9	0	0	39	28	0	0
	+	20	21	1	0.15	-0.5	0	0	68	31	0	0
KMRC0079	Trudi Grid	29	30	1	39.2	86.7	0	3	1390	82	5	30
	+	30	31	1	15.35	21.5	0	0	161	15	5	0
	+	31 32	32 33	1	0.62	0.7	0	0	124 63	18 7	0	0
		33	34	1	0.32	-0.5	0	2	22	3	0	0
	1	34	35	1	0.12	-0.5	0	0	42	7	0	0
-	-	•										



HoleId	Prospect	From	То	Interval	Au	Ag	As	Bi	Cu	Pb	Sb	Te
Units		m	m	m	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
KMRC0079		35	36	1	0.12	-0.5	0	0	38	8	0	0
KMRC0080	Trudi Grid	38	39	1	0.31	9.1	0	3	11	12	0	10
		39	40	1	2.81	19.4	0	0	25	9	0	0
		40	41	1	2.24	12.8	0	0	31	7	0	0
		41	42	1	2.71	15.4	0	0	41	10	5	0
		42	43	1	0.14	5.6	0	0	17	11	0	0
KMRC0081	Trudi Grid	14	15	1	7.74	19.9	5	0	51	31	5	10
		15	16	1	5.91	19	8	2	50	18	0	0
		16	17	1	0.15	4.8	10	0	40	19	0	0
KMRC0082	Trudi Grid	19	20	1	3.14	20	7	0	41	14	0	0
		20	21	1	16.05	40.2	6	0	19	9	0	0
		21	22	1	1.34	7.8	7	0	16	10	0	0
KMRC0083	Trudi Grid	24	25	1	0.53	8.1	7	0	15	11	0	10
		25	26	1	19.3	15.5	5	0	38	8	0	10
		26	27	1	0.19	6.4	0	0	11	8	0	10
KMRC0084	Trudi Grid	29	30	1	1.24	12.1	0	0	21	4	0	0
		30	31	1	0.25	5.8	0	0	11	6	0	0
		31	32	1	1.25	9.7	0	0	25	6	0	0
KMRC0085	Trudi Grid	37	38	1	0.42	4.7	0	3	10	8	0	0
		38	39	1	1.66	8.8	0	0	61	11	0	0
		39	40	1	4.04	15	0	0	16	2	0	10
		40	41	1	1.61	8.2	0	3	100	19	6	0
KMRC0086	Trudi Grid	40	41	1	0.21	3.8	0	0	66	9	0	0
		41	42	1	0.49	5.9	0	0	20	9	5	0
		42	43	1	0.74	4.6	0	2	11	8	0	0
		43	44	1	0.5	8.3	0	0	13	9	0	0
		44	45	1	0.91	12.5	0	0	10	5	0	0
		45	46	1	0.93	9.6	0	0	13	6	0	0
		46	47	1	0.56	5.8	0	0	9	8	0	10
		47	48	1	0.26	6.5	0	2	15	8	0	0
		48	49	1	0.38	16.6	0	0	11	4	0	0
		49	50	1	0.24	7.3	0	0	9	9	0	0

#### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Ken Rogers and Andrew Chapman and fairly represents this information. Mr. Rogers is the Chief Geologist and an employee of the Company, and a member of both the Australian Institute of Geoscientists (AIG) and The Institute of Materials Minerals and Mining (IMMM), and a Chartered Engineer of the IMMM. Mr. Chapman is a Consulting Geologist contracted with the Company and a member of the Australian Institute of Geoscientists (AIG). Mr. Rogers has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Chapman and Mr. Rogers consent to the inclusion in this report of the matters based on information in the form and context in which it appears.



## Appendix 1: King River Copper Limited Mt Remarkable Project JORC 2012 Table 1

The following section is provided to ensure compliance with the JORC (2012) requirements for the reporting of exploration results:

## SECTION 1 : SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling Techniques		This ASX Release dated 20 June 2018 reports on KRC's 2018 Reverse Circulation ("RC") drill programme at the Company's Mt Remarkable Project.
	or handheld XRF instruments, etc.). These examples should not be	Historical Drilling
	taken as limiting the broad meaning of sampling.	Drill and assay data for historical drilling was sourced from annual mineral exploration reports downloaded through WAMEX and historical quarterly activity reports submitted to ASX by Northern Star Resources Ltd. Historical licences were E80/2427 and E80/4001
		For historical holes (WRC-001 – WRC-026) initial sample taken by spear with all significant results later riffle split.
		For historical holes (08WRC059-08WRC088) 3-5kg 1m samples taken direct from static cone splitter or 4m comps taken by spearing 1m samples. Field standards and duplicates inserted at regular intervals.
		No details on sampling are available on historical RC holes WRC027 – WRC058 or diamond core holes WCD01-02.
		Onsite XRF analysis is conducted on rock chip samples using a hand-held Niton XRF Model XL3T 950 Analyser. These results are only used for onsite interpretation and preliminary assessment subject to final geochemical analysis by laboratory assays.
		Current RC Programme
		RC Sampling: All samples from the RC drilling are taken as 1m samples. Samples are sent to ALS Laboratories in Perth for assaying.
		Appropriate QAQC samples (standards, blanks and duplicates) are inserted into the sequences as per industry best practice. Samples are collected using cone or riffle splitter. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays.
		Onsite XRF analysis is conducted on the fines from RC chips using a hand-held Niton XRF Model XL3T 950 Analyser. These results are only used for onsite interpretation and preliminary assessment subject to final geochemical analysis by laboratory assays. It is mentioned in the



Criteria	JORC Code explanation	Commentary
		text that gold was detected by the niton – actual values are not quoted and the results are used as an interpretive tool for further drill hole design. Detection of gold by the niton device is not considered reliable as it is possible that a mineral with similar characteristics was detected.
Sampling	Include reference to measures taken to ensure sample representivity	Historic RC Sampling:
Techniques (continued)	and the appropriate calibration of any measurement tools or systems used.	Drill and assay data for historical drilling was sourced from annual mineral exploration reports downloaded through WAMEX and historical quarterly activity reports submitted to ASX by Northern Star Resources Ltd. Historical licences were E80/2427 and E80/4001
		For historical holes (WRC-001 – WRC-026) initial sample taken by spear with all significant results later riffle split.
		For historical holes (08WRC059-08WRC088) 3-5kg 1m samples taken direct from static cone splitter or 4m comps taken by spearing 1m samples. Field standards and duplicates inserted at regular intervals.
		No details on sampling are available on historical RC holes WRC027 – WRC058 or diamond core holes WCD01-02.
		Historical Geological logging of RC is available in historic reports. Downhole surveys of dip and azimuth were taken as single shots by the driller with every 50 to 100m depending on depth of hole. The drill-hole collar locations were recorded using a hand held GPS, which has an accuracy of +/- 10m.
		Current RC Programme
		The RC drilling rig has a cone splitter built into the cyclone on the rig. Samples are taken on a one meter basis and collected directly from the splitter into uniquely numbered calico bags. The calico bag contains a representative sample from the drill return for that metre. This results in a representative sample being taken from drill return, for that metre of drilling. The remaining majority of the sample return for that metre is collected and stored in a green plastic bag marked with that specific metre interval. The cyclone is blown through with compressed air after each plastic and calico sample bag is removed. If wet sample or clays are encountered then the cyclone is opened and cleaned manually and with the aid of a compressed air gun.
		Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays. Downhole surveys of dip and azimuth are conducted using a single shot camera every 50m to 100m to detect deviations of the hole from the planned dip and azimuth (every 10m for close spaced infill drilling. The drill-hole collar locations were recorded using a hand held GPS,



Criteria	JORC Code explanation	Commentary
		which has an accuracy of +/- 10m. At a later date the drillhole collar may be surveyed with a DGPS to a greater degree of accuracy (close spaced infill drilling is pegged and picked up with DGPS).
	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.	RC Sampling: Sampling is done from the 1m splits in altered or mineralised rock and at 4m composites in unaltered/unmineralised rock.  KRC Samples are assayed by ALS Laboratory for multi-elements using either a four acid digest followed by multi element analysis with ICP-AES (Inductively coupled plasma atomic emission spectroscopy) or ICP-MS (Inductively coupled plasma mass spectrometry) analysis dependent on element being assayed for and grade ranges). Au, Pt and Pd processed by fire assay and analysis with ICP-AES.
	, man and acceptance of acceptance in months and in	Laboratory QAQC procedures summary:
		Following drying of samples at 85°C in a fan forced gas oven, material <3kg was pulverised to 85% passing 75µm in a LM-5 with samples >3kg passing through a 50:50 riffle split prior to pulverisation. Fire assay was undertaken on a 30g charge using lead flux Ag collector fire assay with aqua regia digestion and ICP-AES finish. Multiple element methodology was completed on a 0.25g using a combination of four acids including hydrofluoric acid for near total digestion. Determination was undertaken with a combination of ICP-AES and ICP-MS instrumentation.
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.).	Drill type was Reverse Circulation (RC) and Diamond Core (DC).  RC holes were drilled with a standard face sampling 5.5" RC hammer.  RC holes (WRC-001 – WRC-026) was drilled by Grovebrook Drilling using a GMC 150 rig mounted on a Mercedes Benz 4x4 model 1750l Unimog with a Ingersoll-Rand model HR 825cfm @ 400psi two stage rotary screw compressor and KL150 twin speed head with 3.5 inch rods.  RC holes (08WRC059-08WRC088) was drilled by Ranger Drilling Services Pty Ltd, using a HYDCO 350 with a Cummins KTTA19 750 horsepower @ 2100 rpm rig engine. A Sullair Oil Flooded Rotary Screw - Two Stage Compressor was used (1150 cfm @ 500 psi at 2100 rpm with Air Research 1800cfm @ 800psi Booster mounted on board rig).  DC holes (NQ) were drilled by Orbit Drilling using a Toyota Landcruiser mounted rig.  Current RC Programme



Criteria	JORC Code explanation	Commentary
		The RC drilling uses a 140 mm diameter face hammer tool. High capacity air compressors on the drill rig are used to ensure a continuously sealed and high pressure system during drilling to maximise the recovery of the drill cuttings, and to ensure chips remain dry to the maximum extent possible.
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 preferential loss/gain of fine/coarse material.	Historic Drilling: Sample quality of historical data is unknown however all quoted data has been checked against previous ASX reported tables and intersects by experienced KRC geologists. ASX and departmental reports were of a high standard demonstrating Northern Stars professional standards.  Current RC Programme
		RC samples are visually checked for recovery, moisture and contamination. Geological logging is completed at site with representative RC chips stored in chip trays.
		Samples are collected using cone or riffle splitter. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays.
		To date, no detailed analysis to determine the relationship between sample recovery and grade has been undertaken for any drill program. This analysis will be conducted following any economic discovery.
		The nature of epithermal gold-silver-copper mineralisation within competent quartz veins and host felsic volcanics are considered to significantly reduce any possible issue of sample bias due to material loss or gain.
Logging	<ul> <li>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.</li> </ul>	Historic Drilling: Holes were geologically logged. KRC will make enquiries as to whether any historic chip trays were kept/stored.
	<ul> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	Current RC Programme Geological logging is carried out on all drill holes with lithology, alteration, mineralisation, structure and veining recorded.
		Logging of RC samples records lithology, mineralogy, mineralisation, structures (foliation), weathering, colour and other noticeable features. Selected chip trays recording mineralised intervals were photographed in both dry and wet form.



Criteria	JORC Code explanation	Commentary
		All drill holes are geologically logged in full and detailed lithogeochemical information is collected by the field XRF unit to help determine potential mineralised intersections. The data relating to the elements analysed is used to determine further information regarding the detailed rock composition and mineralised intervals.
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	Historic Drilling:  KRC will make enquiries as to whether any historic chip trays/diamond trays were kept/stored.  The sample type and method was of a high standard, and all data was checked against previously reported ASX announcements.  The sample sizes are considered to be appropriate to correctly represent the gold-silver-copper mineralisation at the Mt Remarkable Project based on the style of mineralisation (epithermal quartz vein), the thickness and consistency of the intersections and the sampling methodology.  Current RC Programme  No diamond core drilling undertaken.  RC samples are collected in dry form. Samples are collected using cone or riffle splitter when available. Geological logging of RC chips is completed at site with representative chips being stored in drill chip trays.  Assay preparation procedures ensure the entire sample is pulverised to 75 microns before the sub-sample is taken. This removes the potential for the significant sub-sampling bias that can be introduced at this stage.  RC Sampling: Field QC procedures maximise representivity of RC samples and eliminate sampling errors, including the use of duplicate samples. Also the use of certified reference material including assay standards and with blanks aid in maximising representivity of samples. For fire assay a run of 78 client samples includes a minimum of one method blank, two certified reference materials (CRMs) and three duplicates. For the multi-element method, a QC lot consists of up to 35 client samples with a minimum of one method blank, two CRMs and two duplicates. The analytical facility is certified to a minimum of ISO 9001:2008.



Criteria	JORC Code explanation	Commentary
		Field duplicates were taken every 20th sample for RC samples.
		The sample sizes are considered to be appropriate to correctly represent the gold-silver mineralisation at the Project based on the style of mineralisation (epithermal quartz vein), the thickness and consistency of the intersections and the sampling methodology.
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.	Historical holes (WRC-001 – WRC-032) 1 metre samples analysed using 50g lead collection with ICP Optical (Atomic) Emission.  o Historical holes (WRD-001 – WRD-002) Samples analysed using 50g lead collection fire assay and analysed by flame Atomic Absorption Spectrometry and 25 gram Aqua-Regia digest and finished with Enhanced Inductively Coupled Plasma Optical (Atomic) Emission.  o Historical holes (WRC-033 – WRC-058) 1 metre samples analysed using 40g Aqua Regia digest with ICP Mass Spectrometry  o Historical holes (08WRC059-08WRC088) At Ultra Trace, samples were sorted, dried to 45 degrees only (so Hg was not vaporised) and split where necessary then pulverised in a vibrating disc pulveriser. Au, Pt, Pd were analysed by firing a 40gm (approximate) portion of the sample. The samples were also digested and refluxed with a mixture of acids including Hydrofluoric, Nitric, Hydrochloric and Perchloric acids. To test for Hg, the samples were also digested with Aqua Regia. This partial digest is extremely efficient for extraction of gold. Sr, Rb, As, Ag, Pb, Ba, W, U, Mo, Th, Bi, Sb, Tl, Te and Hg were determined by ICPMS and Au, Pt, Pd, Cu, Fe, Mn, S, Zn, K by ICPOES.  Current RC Programme  RC drill samples as received from the field are being assayed by ALS Laboratory for multielements using either a four acid digest (nitric, hydrochloric, hydrofluoric and perchloric acids) followed by multi element analysis with ICP-AES (Inductively coupled plasma atomic emission spectroscopy) or ICP-MS (Inductively coupled plasma mass spectrometry) analysis dependent on element being assayed for and grade ranges). Au, Pt and Pd processed by fire assay and analysis with ICP-AES. The analytical facility is certified to a minimum of ISO 9001:2008.
	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.	A handheld XRF instrument (Niton XRF Model XL3T 950 Analyser) is used to systematically analyse the RC chips onsite. Reading time was 60 seconds. The instruments are serviced and calibrated at least once a year. Field calibration of the XRF instrument using standards is undertaken each day. It is mentioned in the text that gold was detected by the niton – actual



Criteria	JORC Code explanation	Commentary
		values are not quoted and the results are used as an interpretive tool for further drill hole design.  Detection of gold by the niton device is not considered reliable as it is possible that a mineral with similar characteristics was detected.
	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.	RC Samples: Laboratory QA/QC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of in house procedures. The Company will also submit an independent set of field duplicates (see above).
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	RC Samples: Data entry carried out by field personnel thus minimizing transcription or other errors. Careful field documentation procedures and rigorous database validation ensure that field and assay data are merged accurately. Significant intersections are verified by the Company's Chief Geologist and Senior Consulting Geologist.
	The use of twinned holes.	KRC has conducted validation drilling of a selection of the historic holes including twin and scissor drilling.
Verification of sampling and assaying (continued)	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Historic Drilling:  o All quoted data has been checked against previous ASX reported tables and intersections by experienced KRC geologists.
		o Rigorous database validation ensures assay data are compiled accurately.
		o No adjustments have been made to the historic assay data.
		o WRD001 was drilled to twin WRC-018 with sampling produced similar grades. WRD002 was drilled near WRC-021 with grades also comparable to the RC equivalent.
		Current RC Programme
		Geological data was collected using handwritten log sheets and imported in the field onto a laptop detailing geology (weathering, structure, alteration, mineralisation), sampling quality and intervals, sample numbers, QA/QC and survey data. This data, together with the assay data received from the laboratory and subsequent survey data was entered into the Company's database.
	Discuss any adjustment to assay data.	No adjustments or calibrations will be made to any primary assay data collected for the purpose of reporting assay grades and mineralised intervals.
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.	Historic Drilling  o Holes pegged and picked up with hand held GPS 4-10m accuracy. End of hole down hole survey single shots were taken with an electronic multishot tool for most holes. Some holes were



Criteria	JORC Code explanation	Commentary
		surveyed with a multishot camera.  o All locations reported in GDA94 Zone 52. o Location of most drill holes checked by KRC during reconnaissance using hand held gps.
	Specification of the grid system used.	Current RC Programme  GPS pickups of exploration and step out drilling is considered adequate however infill drilling at the main Trudi vein requires more accurate pickups so a DGPS has been used. KRC has picked up historic and KRC holes with a sub metre accuracy DGPS.  All rock samples, drill collar and geophysical sample locations recorded in GDA94 Zone 52.
	Quality and adequacy of topographic control.	Historic Drilling: Topographic locations interpreted from GPS and DGPS pickups, DEMs and field observations (m RL). Some holes have no RL levels listed in the historic data and KRC will calculate these depths based on DEMs and later field observations/hole pickups.
		Current RC Programme Topographic locations interpreted from GPS pickups (barometric altimeter), DGPS pickups, DEMs and field observations. Adequate for first pass reconnaissance. Best estimated RLs were assigned during drilling and are to be corrected at a later stage. For infill drilling at the main Trudi vein DGPS pickups are used. KRC has picked up historic and KRC holes with a sub metre accuracy DGPS.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Historic Drilling: Sample spacing was based on expected target structure width, transported overburden, depth of weathering, expected depth of hole penetration and sectional horizontal coverage of each hole at 60 degrees dip.
		Current RC Programme  The current close spaced drilling is on a 5m spaced vein intersection grid based on interpretation of structure. Exploration holes vary from 20m to 500m spacing.
	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.	Historic Drilling:  Sample spacing was based on expected target structure width, transported overburden, depth of weathering, expected depth of hole penetration and sectional horizontal coverage of each hole at 60 degrees dip. Drilling at the Mt Remarkable Project is at the exploration stage and mineralisation and not yet appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied.



Criteria	JORC Code explanation	Commentary
		Current RC Programme
		Drilling at the Project is at the exploration stage and mineralisation has not yet demonstrated to be sufficient in both geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied.
	Whether sample compositing has been applied.	Historic Drilling:
		RC drill samples were taken at one metre lengths and adjusted where necessary to reflect local variations in geology or where visible mineralised zones are encountered, in order to preserve the samples as representative.
		Current RC Programme
		RC drill samples are taken at one metre lengths and adjusted where necessary to reflect local variations in geology or where visible mineralised zones are encountered, in order to preserve the samples as representative.
Orientation of	Whether the orientation of sampling achieves unbiased sampling of	Historic Drilling:
data in relation to geological structure	possible structures and the extent to which this is known, considering the deposit type.	The drill holes were drilled at an angle of -60 degrees (unless otherwise stated) on an azimuth designed to intersect the modelled mineralised zones at a near perpendicular orientation. However, the orientation of key structures may be locally variable.
		Current RC Programme
		The drill holes are drilled at an angle from -50 to 74 degrees (unless otherwise stated) on an azimuth designed to intersect the modelled mineralised zones at a near perpendicular orientation. However, the orientation of key structures may be locally variable and any relationship to mineralisation has yet to be identified.
	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.	No orientation based sampling bias has been identified in the data to date.
Sample security	The measures taken to ensure sample security.	KRC Samples: Chain of Custody is managed by the Company until samples pass to a duly certified assay laboratory for subsampling and assaying. The rock chip and RC sample bags are stored on secure sites and delivered to the assay laboratory by the Company or a competent agent. When in transit, they are kept in locked premises. Transport logs have been set up to track the progress of samples. The chain of custody passes upon delivery of the samples to the assay laboratory.
		Library samples collected and slabbed to allow resampling and further analysis where required during and after the wet season. Pulps will be stored until final results have been fully interpreted.



Criteria	JORC Code explanation	Commentary
		Historic Samples:  o Sample security is not discussed in the historic data/reports, however all quoted data has been checked against previous ASX reported tables and intersections by experienced KRC geologists. A well-known and highly respectable lab –Ultra Trace – was used for analysis.
Audits or Reviews	The results of ay audits or reviews of sampling techniques and data.	Sampling techniques and procedures are regularly reviewed internally, as is data. To date, no external audits have been completed on the drilling programme.



## **SECTION 2: REPORTING OF EXPLORATION RESULTS**

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	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 reporting along with any known impediments to obtaining a licence to operate in the area.	The Mt Remarkable Project consists of ten tenements, granted exploration licence E80/5007 and nine applications (E80/5133, E80/5176-5178, E80/5192-5196), 100% owned by Speewah Mining Pty Ltd (a wholly owned subsidiary of King River Copper Limited). The granted licence is located 200km SW of Kununurra in the NE Kimberley. The granted tenement is in good standing and no known impediments exist. It is within the Yurriyangem Taam native title claim area (WC2010/13).  Speewah Mining also holds tenements within the Speewah Dome to the north
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Exploration by previous holders is listed in the 'other substantive exploration' section of this table. Historical licences were E80/2427 and E80/4001.
		o Ashton JV (1974-1983) – Kimberlite exploration including stream sediment sampling. Several kimberlites identified in the region outside current tenement.
		o Uranerz Australia Ltd (1980 to 1982) – Uranium/Base Metal Exploration including stream sampling, geological mapping, ground magnetics and radiometry. Middleton Prospect (Cu-Pb-Mo) identified (NE portion of new tenement).
		o Hunter Resources (1988-1991) – Gold exploration including BLEG stream sampling, no anomalous values.
		o Panorama Resources NL (1993-1998) – Kimberlite/Base Metal and Gold exploration including stream, rock chip and RC drilling. 6 RC holes at Middleton Prospect (within current tenement) with no significant gold. Rock Chip sampling along strike at Middleton had no anomalous gold however one sample assayed 64ppm Ag, 8.38% Cu 600m north of Middleton.
		o Northern Star Resources were the last holders of the ground (2003-2009) – see the 'other substantive exploration' section of this table.
Geology	Deposit type, geological setting and style of mineralisation.	Exploration is targeting low to intermediate sulphidation epithermal gold-silver-copper mineralisation/ shallow level Cu-Au Porphyry systems within the NE Kimberly Proterozoic rocks. Potential for high grade gold targets exist in structural and litho-structural traps.
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:  o easting and northing of the drill hole collar	Drill information reported in this announcement relates to KRC's 2018 RC drilling and is presented in Tables 1-2 and Figures 1 to 3.



Criteria	JORC Code explanation	Commentary
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> <li>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.</li> </ul>	
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.	<ul> <li>o Intersections calculated using a weighted average of grade vs metres.</li> <li>o All single metre assays also quoted.</li> <li>o No metal equivalent calculations used.</li> <li>o No upper cuts used in intersection calculations.</li> </ul>
	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 RC downhole drill intersects in this report have been reported as averages of the interval >0.1g/t Au and up to 2m of internal waste. Where high grades are included in an interval then they are quoted as 'including'. Individual sample results for each intersection that is listed are given in Table 2.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used for reporting exploration results.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly 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. 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').	o Down hole widths have been quoted in this report. Main targeted structures are sub vertical meaning true widths will be approximately 1/2 to 2/3rds of the quoted width. o Drill holes were drilled perpendicular to structure strike where possible. o Mt Remarkable is a newly acquired project and a full interpretation of the respective prospects is still yet to be done. KRC believes that additional high grade targets will be revealed with further drilling and after a full geological review of the project is completed.
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.	Section and Long Projections are included in the body of the ASX Release: Figures 2-3 long projection showing location of close spaced drilling on the main Trudi Vein, Figure 1 cross section showing holes with results from the current close spaced drill programme.
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.	Reports on recent exploration can be found in ASX Releases that are available on our website at <a href="https://www.kingrivercopper.com.au">www.kingrivercopper.com.au</a> . The exploration results reported are representative of the mineralisation style with grades and/or widths reported in a consistent manner.
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.	The last holders of the ground were Northern Star Resources Ltd who initially were exploring the tenement as a private company in 2002-2003. Northern Star Resources were listed as an ASX company in 2004 and from 2004-2009 undertook airborne magnetics and radiometric surveys, GAIP and DDIP geophysical surveys, soil/stream sediment/rock chip sampling. Also three phases of RC drilling were completed, and two diamond core holes were drilled. Towards the end of their tenure Northern Star employed a consultant geologist to review the project.



Criteria	JORC Code explanation	Commentary
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).  Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Exploration at Mt Remarkable aims to extend current high grade mineralisation, identify new high grade shoots on known mineralised veins and identify new mineralised veins/structures.