

## 8 November 2019

# Further exceptional results from underground drilling at King of the Hills

Latest results include broad 'whole-of-hole' intercepts including 107.1m @ 2.0g/t Au and 61.0m @ 4.8g/t Au, as well as high-grade assays including 47.9m @ 4.1g/t Au and 11.2m at 22.5g/t Au\*

- Ongoing in-fill drilling continues to reinforce the continuity and tenor of stockwork development at the King of the Hills (KOTH) gold mine, supporting the potential for an open pit mine and strengthening the case for bulk underground mining using long-hole stoping.
- Drilling continuing to show broad "whole-of-hole" intercepts\* including:
  - 253.0m @ 1.1g/t Au (KHRD0265)
  - 62.4m @ 2.9g/t Au (KUGC0067)
  - 56.0m @ 3.5g/t Au (KUGC0068)
  - 69.0m @ 2.2g/t Au (KUGC0070)
  - 101.8m @ 1.3g/t Au (KUGC0071)

- 50.0m @ 2.6g/t Au (KUGC0072)
   111.0m @ 1.2g/t Au (KUGC0076)
- o 107.1m @ 2.0g/t Au (KUGC0077)
- 104.3m @ 2.0g/t Au (KUGC0152)
- o 61.0m @ 4.8g/t Au (KUGC0153)
- Significant composite assay results\* received from Resource in-fill and grade control diamond drilling within the current 3.1Moz Resource envelope, with results (>1g/t Au) including:
  - o 10.8m @ 3.5g/t Au (KUGC0051)
  - o 18.0m @ 2.6g/t Au (KUGC0059)
  - o 11.9m @ 3.2g/t Au (KUGC0059)
  - o 28.5m @ 4.8g/t Au (KUGC0067)
  - o 47.9m @ 4.1g/t Au (KUGC0068)
  - o 20.5m @ 4.9g/t Au (KUGC0070)
  - o 10.0m @ 2.5g/t Au (KUGC0070)
  - 19.6m @ 2.1g/t Au (KUGC0071)
  - o 13.9m @ 2.2g/t Au (KUGC0077)
  - o 12.4m @ 5.1g/t Au (KUGC0077)
  - o 13.0m @ 3.5g/t Au (KUGC0080)
  - o 20.0m @ 4.2g/t Au (KUGC0086)

- 10.5m @ 5.8g/t Au (KUGC0103)
- 16.8m @ 5.1g/t Au (KUGC0116)
- 20.1m @ 2.2g/t Au (KUGC0121)
- 12.0m @ 3.3g/t Au (KUGC0126)
- 21.7m @ 2.1g/t Au (KUGC0128)
- 17.9m @ 5.1g/t Au (KUGC0132)
- 21.3m @ 3.7g/t Au (KUGC0135)
- 42.0m @ 2.1g/t Au (KUGC0142)
- 20.0m @ 2.8g/t Au (KUGC0145)
- 23.6m @ 2.6g/t Au (KUGC0146)
- 11.2m @ 22.5g/t Au (KUGC0153)
- Underground Resource extension drilling at KOTH also delivering wide zones of mineralisation\*, with results outside the 3.1Moz Resource envelope including:
  - o 10.1m @ 1.9g/t Au (KHRD0254)
  - o 21.0m @ 2.3g/t Au (KHRD0257)
  - o 13.1m @ 1.1g/t Au (KHRD0264)
  - o 32.1m @ 1.6g/t Au (KHRD0265)

- 22.2m @ 1.1g/t Au (KHRD0265)
- 13.9m @ 4.7g/t Au (KHRD0265)
- 18.2m @ 1.3g/t Au (KHRD0287)
- \* Note: No top-cut applied. Refer to Appendix 1 for summary information, drill-hole collar locations, orientations, significant assays, and reporting parameters used. Intercept lengths are reported as 'down-hole' lengths, not true widths. For "whole-of-hole" reported results will include internal zones of material < 1.0 g/t Au for significant intervals greater than 16m.
- These results are from drilling completed within both the 30,000m FY2019 drilling program and the ongoing 85,000m FY2020 drilling program.



#### MANAGEMENT COMMENT

Red 5 Managing Director, Mark Williams, said the Company's ongoing Resource development programs continue to enhance the potential size and quality of the KOTH orebody.

"These excellent results not only support our ongoing studies for a proposed bulk open pit operation at King of the Hills but also confirming the strong potential to expand the current 3.1 million-ounce Resource, which is currently open in all directions" he said.

"We have a very active drilling program scheduled for the remainder of FY2020, with 85,000 metres of underground diamond drilling in progress, as well as ongoing assaying of historical drill core and a regional drilling program targeting near surface oxide mineralisation.

"Collectively, these programs will underpin future updates to the KOTH Resource and feed into the ongoing Final Feasibility Study for the integrated bulk open pit and underground mining operation which is scheduled for completion by the September 2020 Quarter."

Red 5 Limited ("Red 5" or "the Company") (ASX: RED) advises that its strategy to develop a stand-alone bulk mining operation at the King of the Hills (KOTH) gold mine, located in the Eastern Goldfields region of Western Australia, has received a further boost following the receipt of additional assay results from ongoing underground diamond drilling.

Red 5 completed a 30,000-metre underground diamond drilling program between November 2018 and June 2019, designed to in-fill and extend the KOTH Mineral Resource. A second and third underground rig commenced on site during the September 2019 Quarter to continue the Resource development program and target the potential for mineralisation within a shallow-plunging zone at the northern end of the granodiorite. The arrival of these additional rigs has brought the expected total underground drilling for FY2020 to 85,000m.

The 85,000m program is aimed at:

- 1. Converting as much of the existing underground Resource into Reserves as possible for the Final Feasibility Study, due in the September 2020 Quarter;
- 2. reassessment of the final pit shape (ie determine whether more of the underground be included in the pit due to grade uplift in both the South and North); and
- 3. extension of the underground Resource along strike and down dip.

KOTH has a current Mineral Resource totalling 3.1 million ounces of contained gold (see ASX announcement 20 May 2019), with the Resource model based on assays received up to 14 February 2019. The underground Resource included 500Koz in Indicated, suitable for estimating Reserves, and 610Koz in the Inferred category, which requires the geology confidence to increase from which therefore needs to be infilled to Indicated status before reserves can be estimated.



Total Open Pit and Underground KOTH Resource as at May 2019								
Classification	Cut-off (g/t)	Mining Method	Mining Method Tonnes (000t)		Contained Gold (000oz)			
Indicated	0.4-1.0	OP+UG	53,100	1.4	2,350			
Inferred	0.4-1.0	OP+UG	12,900	1.8	760			
Total	0.4-1.0	OP+UG	66,000	1.5	3,110			
	KOTH JORC 2012 All material within A\$1,800 Pit Shell							
Indicated	0.4	OP	45,500	1.3	1,850			
Inferred	0.4	OP	3,000	1.6	150			
Total	0.4	OP	48,500	1.3	2,000			
	KOTH JORC 2012 All material outside A\$1,800 Pit Shell							
Indicated	1.0	UG	7,600	2.0	500			
Inferred	1.0	UG	9,900	1.9	610			
Total	1.0	UG	17,510	2.0	1,110			

#### Notes on KOTH JORC 2012 Mineral Resources

1. Mineral Resources are quoted as inclusive of Ore Reserves.

2. Discrepancy in summation may occur due to rounding.

3. Refer to ASX announcement dated 20 May 2019 for JORC 2012 Table 1, sections 1 to 3.

Since completion of the 3.1Moz Mineral Resource estimate in May 2019, additional broad zones of mineralisation have been intersected at KOTH, with many holes returning 'whole-of-hole' average grades of >1.0g/t Au within the open pit design outlined in the KOTH Bulk Open Pit Pre-Feasibility Study (PFS) announced on 1 August 2019. These results confirm and further define the geology and mineralisation within the PFS open pit design.

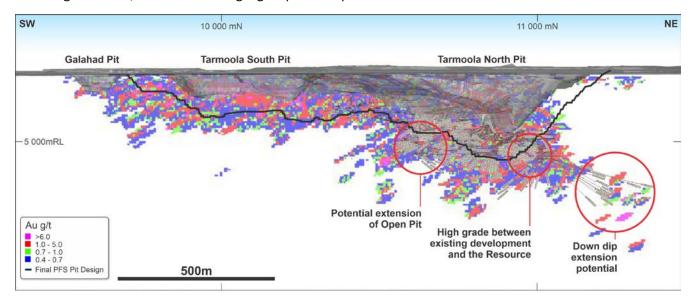
Best 'whole-of-hole' results<sup>1</sup> include:

- o 95.7m @ 1.1g/t Au (KHRD0262)
- o 253.0m @ 1.1g/t Au (KHRD0265)
- o 183.1m @ 1.0g/t Au (KUGC0059)
- o 62.4m @ 2.9g/t Au (KUGC0067)
- o 56.0m @ 3.5g/t Au (KUGC0068)
- o 69.0m @ 2.2g/t Au (KUGC0070)
- o 101.8m @ 1.3g/t Au (KUGC0071)
- o 50.0m @ 2.6g/t Au (KUGC0072)
- o 111.0m @ 1.2g/t Au (KUGC0076)
- o 107.1m @ 2.0g/t Au (KUGC0077)
- o 78.0m @ 1.7g/t AU (KUGC0102)
- o 71.7m @ 1.3g/t Au (KUGC0103)

- o 108.0m @ 1.4g/t Au (KUGC0121)
- o 92.0m @ 1.1g/t Au (KUGC0122)
- 71.4m @ 1.0g/t Au (KUGC0126)
- o 146.2m @ 1.0g/t Au (KUGC0132)
- o 58.0m @ 2.2g/t Au (KUGC0138)
- o 116.6m @ 1.2g/t Au (KUGC0139)
- o 51.0m @ 1.6g/t Au (KUGC0140)
- o 44.4m @ 1.2g/t Au (KUGC0141)
- o 146.6m @ 1.1g/t Au (KUGC0144)
- o 170.5m @ 1.4g/t Au (KUGC0146)
- o 104.3m @ 2.0g/t Au (KUGC0152)
- o 61.0m @ 4.8g/t Au (KUGC0153)

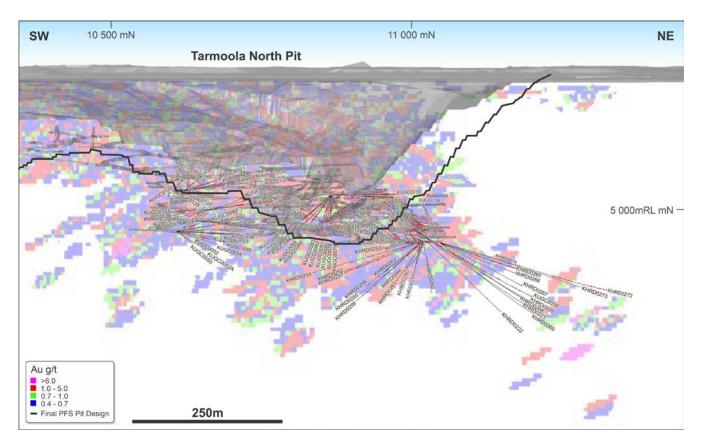
<sup>1</sup> Entire drill hole composited. No top-cut applied. Refer to Appendix 1 for complete list of significant intercepts above 1.0 g/t Au, and summary information, drill-hole collar locations, orientations, significant assays, and reporting parameters used. Intercept lengths are reported as 'down-hole' lengths, not true widths. Hole-of-whole calculations include internal zones of material < 1.0 g/t Au for significant intervals greater than 16.1m.





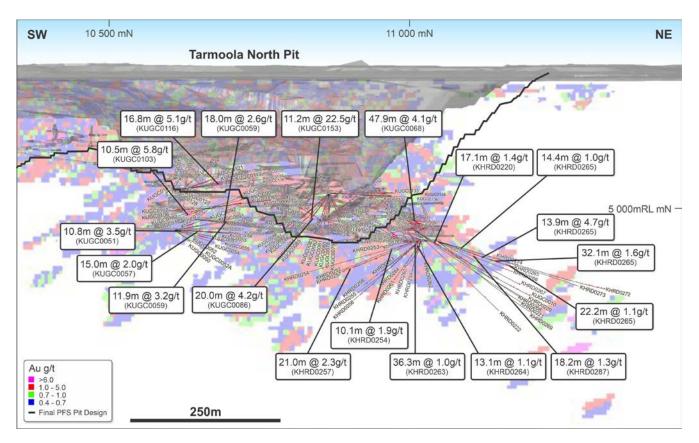
In the Figure below, the red circles highlight specific exploration themes.

*Figure 1:* Longitudinal Projection of the KOTH resource model and Tarmoola open pit, looking orthogonal to strike, showing the drill traces of which, the assay results are included in this report.



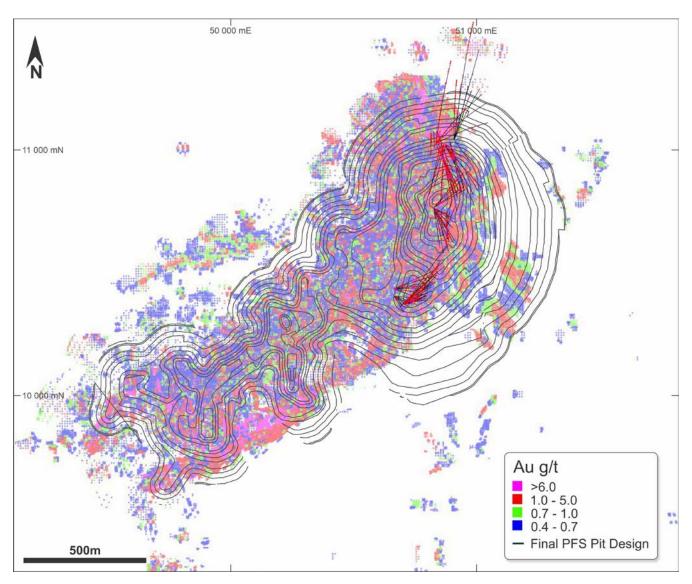
*Figure 2:* Close up Longitudinal Projection of the KOTH resource model and Tarmoola open pit, looking orthogonal to strike, showing the drill traces of which, the assay results are included in this report. The intercept highlights in the diagram are the intercepts that occur outside the current May 2019 release resource model.





*Figure 3:* Close up Longitudinal Projection of the KOTH resource model and Tarmoola open pit showing some of the key assay results reported, looking orthogonal to strike, showing the drill traces of which, the assay results are included in this report. The intercept highlights in the diagram are the intercepts that occur outside the current May 2019 release resource model.





*Figure 4:* Planview projection of the KOTH resource model and Tarmoola open pit, showing the drill traces of which, the assay results are included in this report. The intercept highlights in the diagram are the intercepts that occur outside the current May 2019 release resource model.

#### Potential to deepen the existing open pit

There may be potential to deepen the open pit on current economics in the central area west of the area around what is known as the Eastern Flank. Intersections below the planned open pit are shown in the table below.

Hole ID	From m	To m	Width m	Au g/t	Gram Metres
KUGC0092	36.5	56.0	19.5	1.51	29.4
KUGC0095	50.0	68.6	18.6	2.14	39.8
KUGC0099	85.5	142.0	56.6	1.06	59.9

#### Confirmation of resource model

These holes outlined in the table below encountered significant grade and widths confirming the Resource model with drilling down dip of these holes (KHRD0255, KHRD0256, KHRD0258 and KHRD0264) showing mineralisation outside the reported resource model with proportion of the model where the drilling has intersected currently reported as inferred.



Hole ID	From m	To m	Width m	Au g/t	Gram Metres
KUGC0118	0.0	7.6	7.6	2.20	16.6
KUGC0120	0.0	12.0	12.0	2.24	26.9
KUGC0143	0.8	13.2	12.4	2.85	35.4
KUGC0144	0.9	16.0	15.1	1.90	28.6
KUGC0145	0.7	15.8	15.1	2.10	31.7
KUGC0146	0.9	23.0	22.1	3.10	68.5

#### Extensional drilling to the north of the existing open pit

Hole ID	From m	To m	Width m	Au g/t	Gram Metres
KHRD0265	77.6	92.0	14.4	1.00	14.5
KHRD0265	108.7	122.6	13.9	4.69	65.1
KHRD0265	129.1	136.2	7.1	1.78	12.6
KHRD0265	173.9	206.0	32.1	1.64	52.8
KHRD0265	226.8	249.0	22.2	1.06	23.4

#### Infilling below and adjacent to Lemonwood Bulk Stope

In addition, Resource extension drilling targeting mineralisation along strike from and below the successful Lemonwood bulk stope (see ASX announcement 4 December 2018), demonstrating the potential to continue with bulk underground stoping. Bulk assay composites include<sup>2</sup>:

- o 62.0m @ 2.5g/t Au (KHRD0252)
- o 70.0m @ 1.4g/t Au (KHRD0261)
- o 62.4m @ 2.8g/t Au (KUGC0067)

- o 56.0m @ 3.5g/t Au (KUGC0068)
- o 69.0m @ 2.2g/t Au (KUGC0070)
- o 50.0m @ 2.6g/t Au (KUGC0072)
- 2 No top-cut applied. Refer to Appendix 1 for summary information, drill-hole collar locations, orientations. Intercept lengths are reported as 'down-hole' lengths, not true widths. Bulk composite calculations include zones with up to 16.1 metres with material less 1.0 g/t.

Outline below are single hole assay returns from the above listed holes from the Lemonwood area<sup>3</sup>:

- o 1.0m @ 16.8g/t Au (KHRD0252)
- o 1.0m @ 19.3g/t Au (KHRD0261)
- o 1.0m @ 38.3g/t Au (KHRD0261)
- o 1.0m @ 59.1g/t Au (KHRD0286)
- o 1.0m @ 17.4g/t Au (KHRD0272)
- o 0.3m @ 129g/t Au (KUGC0067)
- o 0.3m @ 128.5g/t Au (KUGC0067)

- o 0.2m @ 430g/t Au (KUGC0068)
- o 0.2m @ 235g/t Au (KUGC0068)
- o 0.6m @ 66.4g/t Au (KUGC0070)
- o 0.6m @ 45.7g/t Au (KUGC0070)
- o 1.0m @ 44.7g/t Au (KUGC0071)
- o 0.7m @ 108.0g/t Au (KUGC0072)
- 3 No top-cut applied. Refer to Appendix 1 for summary information, drill-hole collar locations, orientations. Intercept lengths are reported as 'down-hole' lengths, not true widths.

ENDS

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#### **Competent Person's Statements**

#### **Mineral Resource and Exploration Results**

Mr Byron Dumpleton, confirms that he is the Competent Person for the Mineral Resource and Exploration Results summarised in this report and Mr Dumpleton has read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code, 2012 Edition). Mr Dumpleton is a Competent Person as defined by the JORC Code, 2012 Edition, having five years' experience that is relevant to the style of mineralisation and type of deposit described in this report and to the activity for which he is accepting responsibility. Mr Dumpleton is a Member of the Australian Institute of Geoscientists, No. 1598. Mr Dumpleton is a full time employee of Red 5. Mr Dumpleton has reviewed this report and consents to the inclusion of the matters based on his supporting information in the form and context in which it appears.

#### JORC 2012 Mineral Resource and Ore Reserves

Red 5 confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.

#### **Forward-Looking Statements**

Certain statements made during or in connection with this statement contain or comprise certain forward-looking statements regarding Red 5's Mineral Resources and Reserves, exploration operations, project development operations, production rates, life of mine, projected cash flow, capital expenditure, operating costs and other economic performance and financial condition as well as general market outlook. Although Red 5 believes that the expectations reflected in such forward-looking statements are reasonable, such expectations are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance or achievements to differ materially from those expressed, implied or projected in any forward looking statements and no assurance can be given that such expectations will prove to have been correct. Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic and market conditions, delays or changes in project development, success of business and operating initiatives, changes in the regulatory environment and other government actions, fluctuations in metals prices and exchange rates and business and operational risk management. Except for statutory liability which cannot be excluded, each of Red 5, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in this statement and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this statement or any error or omission. Red 5 undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly, you should not place undue reliance on any forward-looking statement.



## **APPENDIX 1**

## KING OF THE HILLS GOLD MINE

## **Drilling Program Background Information**

The KHRD series of holes reported in this announcement comprised 29 holes for a total of 6,883.72 metres. These holes targeted mineralisation to the north of the current bulk mining area underneath the Lower Kingdom (Underground Mine Area) and to the south targeting the mining void between the western and eastern flanks (depth extension of the Open Pit).

- Drill holes KHRD0220 to KHRD0222 were targeted north of the W4920 Level development, covering the 'damage zone' associated with the granodiorite-ultramafic contact down to the 4800RL.
- Drill holes KHRD0254 to KHRD0263 were targeted south of the W4920 Level development towards the eastern flank, covering the damage zone down to the 4800RL.
- Drill holes KHRD0268 to KHRD0279 were targeted north of the current mining level W4920, with high grades at the 4840RL. These drill holes were designed to test for mineralisation along the +140m wide damage zone associated with the granodiorite-ultramafic contact down to the 4800RL.
- Drill holes KHRD0282 and KHRD0287 were targeted south of the current mining level W4920, with the drill holes positioned between the W4950 and W4920RL and continuing further south than the W4950 Development to infill the mining void between the eastern and western flanks.

The KUGC series of holes reported in this announcement comprised 81 holes for a total of 9,530.63 metres. These holes targeted the strike extent of mineralisation within the damage zone to the north-west, beneath the Lemonwood bulk stope area and the eastern 'damage zone' corridor (Underground Mine Area).

- KUGC0050 to KUGC0061 were drilled perpendicular to the damage zone targeting the granodiorite/ultramafic contact underneath the E4950 Level Development with drill holes targeting as low as 4925RL (ie 375m below the surface level of 5300RL).
- KUGC0075 to KUGC0088 and KUGC0132 to KUGC0136 were drilled perpendicular to the damage zone targeting the granodiorite/ultramafic contact above the Royal and Imperial Lodes above and to the north of Lemonwood.
- KUGC0095 to KUGC0099 targeted in between the E4975 and E5000 Level Development within the damage zone corridor.
- KUGC0102 to KUGC0107 targeted in between the E5000 and E5025 Level Development below the Lemonwood area within the damage zone corridor.
- KUGC0125 to KUGC0131 targeted in between the E5025 and E5050 Level Development below the Lemonwood area within the damage zone corridor. Drill holes were drilled perpendicular to the granodiorite/ultramafic contact.
- KUGC0116 to KUGC0122 targeted in between the E5050 and E5075 Level Development below the Lemonwood area within the damage zone corridor.
- Drill holes KUGC0137 to KUGC0148 targeted south of the current mining level W4920 with the drill holes in between the W4950 and W4920RL. Drill holes continue further south than the W4950 Development to infill the mining void between the eastern and western flanks.
- Drill holes KUGC0152 to KUGC0153 targeted the void between the E4975 Level development and the W4970 Level. Drill holes are sub-parallel to the Granodiorite/Ultramafic Contact targeting the "damage zone".



## **APPENDIX 1 (continued)**

## KING OF THE HILLS GOLD MINE

## **Drill Collar Location of Reported Assays**

 Table 1
 Drill collar location for Underground Drilling Programs, significant assays above 1.0 g/t received since last reporting on 4 July 2019.

Drill hole ID	East	North	RL	Dip	Azimuth	Depth
KHRD0220	50836.32	11023.89	4954.29	-32.38	35.80	324.00
KHRD0221	50836.32	11023.89	4954.29	-35.05	44.20	317.70
KHRD0222	50836.32	11023.89	4954.29	-40.78	60.70	300.00
KHRD0252	50851.67	11015.05	4921.36	-18.89	191.10	210.00
KHRD0253	50851.38	11014.86	4921.83	-4.67	165.00	149.75
KHRD0254	50864.74	11018.91	4921.54	-12.99	196.00	300.23
KHRD0255	50864.90	11019.05	4921.46	-37.37	186.00	210.10
KHRD0256	50864.93	11019.05	4921.50	-30.03	180.00	203.00
KHRD0257	50864.43	11018.82	4921.50	-15.66	180.00	251.70
KHRD0258	50864.65	11019.00	4921.19	-27.11	164.90	309.10
KHRD0259	50864.65	11018.92	4921.44	-15.81	137.00	251.00
KHRD0260	50872.51	11021.15	4921.58	-29.10	144.00	91.90
KHRD0261	50872.59	11021.21	4921.56	-20.48	149.00	250.50
KHRD0262	50872.68	11021.29	4921.58	-29.17	127.10	95.70
KHRD0263	50872.40	11021.23	4921.82	-13.48	153.00	285.10
KHRD0264	50872.51	11021.21	4921.80	-15.67	140.00	237.04
KHRD0265	50909.09	11040.44	4921.81	-13.30	1.00	253.00
KHRD0266	50909.26	11040.55	4921.75	-18.48	9.00	237.90
KHRD0267	50909.77	11040.59	4921.79	-23.49	15.00	245.80
KHRD0268	50909.81	11040.56	4921.70	-31.09	19.20	248.00
KHRD0269	50909.97	11040.61	4921.66	-35.84	24.10	287.90
KHRD0272	50909.09	11040.44	4922.11	-12.03	8.00	498.40
KHRD0273	50909.84	11040.70	4922.10	-14.58	14.00	396.40
KHRD0274	50909.88	11040.72	4921.84	-17.18	19.00	125.60
KHRD0279	50912.96	11035.19	4923.42	21.35	143.60	113.70
KHRD0282	50892.86	11028.75	4923.60	24.12	168.00	64.10
KHRD0285	50893.05	11028.79	4922.51	3.93	162.80	200.80
KHRD0286	50892.94	11028.72	4922.63	7.27	166.90	206.60
KHRD0287	50892.93	11028.75	4922.51	0.35	166.79	218.70
KUGC0010	50836.32	11023.89	4954.29	-26.26	6.60	376.95
KUGC0050	50701.43	10374.46	4948.15	-27.36	93.10	63.00
KUGC0051	50704.55	10368.72	4948.51	-8.18	73.00	98.67
KUGC0052	50704.51	10368.74	4947.85	-29.00	70.00	19.70
KUGC0052A	50704.51	10368.74	4947.85	-29.30	70.00	87.00
KUGC0053	50704.75	10368.60	4948.53	-8.41	67.00	101.50
KUGC0054	50704.60	10368.69	4948.09	-17.00	51.90	101.94
KUGC0055	50704.50	10368.74	4948.17	-12.78	44.00	119.60
KUGC0056	50704.48	10368.74	4948.53	-3.50	57.00	133.50
KUGC0057	50704.41	10368.84	4948.55	-2.31	50.00	150.08
KUGC0058	50704.41	10368.85	4948.76	-2.89	46.00	164.79
KUGC0059	50735.86	10403.14	4973.94	-3.99	44.00	183.12
KUGC0060	50735.92	10403.29	4973.60	-7.20	39.10	201.04
KUGC0061	50735.86	10403.26	4973.85	-4.69	30.90	255.11
KUGC0067	50851.28	11074.69	4957.06	9.49	184.20	62.40
KUGC0068	50839.03	11074.78	4957.78	16.44	181.00	56.00
KUGC0069	50839.45	11074.84	4956.43	-11.68	160.00	69.00



Drill hole ID	East	North	RL	Dip	Azimuth	Depth
KUGC0070	50825.46	11074.15	4957.80	8.12	177.00	69.00
KUGC0071	50814.21	11074.66	4956.82	-8.52	179.00	101.80
KUGC0072	50814.16	11074.56	4958.21	15.55	175.10	50.00
KUGC0075	50828.98	10759.80	5033.65	-42.90	113.00	81.06
KUGC0076	50828.92	10759.82	5033.91	-33.86	118.10	111.00
KUGC0077	50828.86	10759.63	5033.91	-17.90	123.00	107.10
KUGC0078	50829.01	10759.74	5033.67	-43.57	135.20	107.00
KUGC0079	50828.81	10759.62	5033.90	-35.72	135.00	102.00
KUGC0080	50828.88	10759.87	5033.99	-24.83	135.00	119.70
KUGC0081	50828.67	10759.15	5033.49	-51.45	145.00	89.00
KUGC0082	50828.65	10759.19	5033.59	-39.74	146.00	121.10
KUGC0083	50828.56	10759.19	5033.75	-29.92	145.00	179.80
KUGC0084	50828.53	10759.06	5034.02	-19.69	148.00	170.70
KUGC0085	50828.54	10759.09	5033.89	-25.57	153.00	152.70
KUGC0086	50828.41	10759.01	5033.96	-25.69	158.00	200.70
KUGC0087	50828.38	10758.85	5033.99	-20.73	158.00	160.00
KUGC0088	50826.84	10757.30	5034.00	-23.87	163.00	200.79
KUGC0089	50826.75	10757.26	5033.73	-28.24	170.00	179.70
KUGC0090	50701.63	10374.26	4948.25	9.54	66.20	131.90
KUGC0091	50701.77	10374.06	4948.29	10.57	73.00	102.00
KUGC0092	50701.78	10374.15	4948.59	16.64	81.00	107.10
KUGC0095	50776.66	10422.68	5001.48	9.49	56.70	68.60
KUGC0096	50776.33	10422.82	5001.89	20.28	52.00	65.00
KUGC0098	50776.30	10422.94	5001.87	14.97	44.00	92.00
KUGC0099	50776.66	10422.78	5001.54	7.26	32.00	142.00
KUGC0102	50780.31	10411.30	5001.46	-12.74	233.00	78.00
KUGC0103	50780.28	10411.33	5001.31	-16.62	239.00	71.70
KUGC0105	50779.62	10411.98	5000.55	-31.86	260.00	43.86
KUGC0107	50760.92	10431.17	5000.30	-2.29	225.00	98.70
KUGC0116	50665.14	10432.35	5044.00	8.44	64.20	201.00
KUGC0117	50664.98	10432.26	5043.79	9.55	69.80	185.50
KUGC0118	50665.00	10432.21	5043.99	10.49	77.90	151.10
KUGC0119	50665.16	10432.22	5043.77	7.62	82.00	141.00
KUGC0120	50665.08	10432.05	5043.77	14.36	87.00	122.00
KUGC0121	50665.04	10432.14	5043.85	11.22	97.10	108.00
KUGC0122	50665.06	10432.02	5044.03	19.40	109.00	92.00
KUGC0125	50666.30	10403.12	5047.74	11.75	125.10	79.00
KUGC0126	50666.15	10403.58	5047.22	-8.91	95.00	71.40
KUGC0127	50666.18	10403.42	5047.23	-9.82	107.00	66.00
KUGC0128	50666.17	10402.91	5047.42	-9.45	118.00	67.00
KUGC0130	50666.17	10402.70	5047.41	-9.02	137.10	69.00
KUGC0131	50666.17	10402.49	5047.32	-8.93	148.00	74.00
KUGC0132	50828.15	10764.42	5034.77	-2.12	59.00	146.20
KUGC0133	50827.88	10764.40	5034.80	0.58	54.20	149.20
KUGC0135	50827.83	10764.39	5034.81	0.88	44.20	155.00
KUGC0136	50827.73	10764.38	5034.82	-2.85	39.20	185.00
KUGC0137	50872.90	11021.48	4925.37	8.24	154.20	87.26
KUGC0138	50855.39	11016.23	4923.26	27.84	153.30	58.00
KUGC0139	50856.29	11016.73	4921.88	0.05	155.00	116.60
KUGC0140	50839.88	11010.35	4923.09	29.54	154.20	51.00
KUGC0141	50839.85	11010.40	4921.58	2.53	154.00	44.36
KUGC0142	50865.04	10965.88	4923.41	14.86	153.80	140.10
KUGC0143	50865.20	10965.88	4923.39	9.58	158.00	155.00
KUGC0144	50865.28	10965.92	4923.11	4.92	153.00	146.60



Drill hole ID	East	North	RL	Dip	Azimuth	Depth
KUGC0145	50864.96	10965.84	4923.44	15.17	163.00	142.20
KUGC0146	50865.17	10965.94	4923.15	-0.09	158.00	170.50
KUGC0147	50864.86	10965.78	4923.43	9.75	167.01	154.40
KUGC0148	50865.08	10965.86	4923.18	4.61	163.00	167.50
KUGC0149	50881.26	10687.34	4970.41	-9.54	359.00	62.00
KUGC0150	50881.29	10687.27	4970.76	10.06	8.00	56.00
KUGC0151	50881.07	10687.25	4971.81	20.62	7.00	121.00
KUGC0152	50881.18	10687.31	4972.34	33.92	20.10	104.30
KUGC0153	50880.42	10681.86	4970.90	9.65	172.00	61.00
KUGC0154	50880.28	10681.88	4971.57	24.18	179.20	83.00

Reporting parameters:

1. Collar coordinates, elevation and orientation given in Mine Grid

## Significant Assays from current Underground Resource Drilling Program - KHRD series

 Table 2 Significant intercepts above 1.0 g/t received since last reporting of underground resource drilling (4 July 2019)

Drill hole ID	From	То	Length	Gold (g/t)
KHRD0220	63.00	80.09	17.09	1.37
KHRD0220	93.07	97.30	4.23	8.58
KHRD0220	106.60	106.83	0.23	272.00
KHRD0220	127.00	136.14	9.14	2.36
KHRD0221	0.00	3.00	3.00	6.42
KHRD0221	33.78	35.00	1.22	57.04
KHRD0221	83.55	85.13	1.58	8.47
KHRD0221	149.80	150.00	0.20	93.20
KHRD0222	22.00	22.36	0.36	97.40
KHRD0222	195.45	197.46	2.01	72.32
KHRD0222	249.40	250.36	0.96	26.10
KHRD0252	2.79	12.00	9.21	3.40
KHRD0252	52.31	55.98	3.67	22.73
KHRD0252	61.33	61.73	0.40	46.50
KHRD0253	2.81	5.00	2.19	7.80
KHRD0253	96.94	100.00	3.06	8.61
KHRD0254	39.50	49.85	10.35	1.94
KHRD0255	62.00	65.57	3.57	5.10
KHRD0255	72.83	77.00	4.17	8.98
KHRD0255	125.03	132.64	7.61	10.41
KHRD0256	11.49	13.00	1.51	23.96
KHRD0256	31.71	32.50	0.79	26.00
KHRD0256	152.41	155.50	3.09	8.35
KHRD0257	22.36	22.85	0.49	82.20
KHRD0257	62.66	69.00	6.34	4.27
KHRD0257	195.00	216.00	21.00	2.31
KHRD0258	6.00	10.83	4.83	2.56
KHRD0258	84.30	87.15	2.85	18.71
KHRD0258	269.36	277.05	7.69	8.30
KHRD0259	9.35	19.16	9.81	1.71
KHRD0259	39.30	39.83	0.53	23.60
KHRD0259	78.83	80.77	1.94	11.80
KHRD0259	196.20	202.65	6.45	3.36
KHRD0259	246.18	246.38	0.20	112.00



Drill hole ID	From	То	Length	Gold (g/t)
KHRD0260	19.90	24.67	4.77	2.64
KHRD0261	16.00	20.02	4.02	10.39
KHRD0261	46.95	54.96	8.01	1.86
KHRD0261	63.30	67.07	3.77	6.79
KHRD0261	183.62	186.00	2.38	13.19
KHRD0262	23.17	24.00	0.83	97.66
KHRD0263	16.37	18.07	1.70	11.72
KHRD0263	34.00	70.33	36.33	1.03
KHRD0264	56.00	69.13	13.13	1.13
KHRD0264	159.00	159.90	0.90	14.75
KHRD0265	49.00	54.38	5.38	4.87
KHRD0265	65.00	67.70	2.70	24.90
KHRD0265	77.58	92.00	14.42	1.00
KHRD0265	108.74	122.63	13.89	4.69
KHRD0265	129.13	136.20	7.07	1.78
KHRD0265	173.87	206.00	32.13	1.64
KHRD0265	226.84	249.00	22.16	1.06
KHRD0266	110.37	111.86	1.49	10.05
KHRD0266	117.90	122.00	4.10	8.82
KHRD0267	40.00	40.70	0.70	22.00
KHRD0272	67.80	73.00	5.20	4.07
KHRD0282	54.70	63.55	8.85	6.25
KHRD0286	140.59	141.21	0.62	42.44
KHRD0286	149.00	162.00	13.00	5.97
KHRD0287	37.58	57.13	19.55	1.29
KHRD0287	96.27	110.00	13.73	1.61
KHRD0287	120.80	139.00	18.20	1.34
KHRD0287	192.50	197.64	5.14	6.79

Reporting parameters:

1. 0.3g/t Au low cut

2. No high cut applied

3. Max 4m consecutive intervals of sub-grade (<0.3 g/t Au) material included

4. Minimum reporting length of 6 metres and grade of 1.2 g/t Au, or minimum contained gold >12 gram\*metres accumulation

## Significant Assays from Underground Mine Drilling Program - KUGC series

Table 3 Significant intercepts received since last reporting of in-mine drilling (4 July 2019)

Drill hole ID	From	То	Length	Gold (g/t)
KUGC0010	0.00	1.40	1.40	9.02
KUGC0010	42.83	43.83	1.00	20.73
KUGC0010	57.35	63.03	5.68	7.44
KUGC0010	77.00	80.40	3.40	5.79
KUGC0010	114.40	116.90	2.50	5.30
KUGC0010	158.87	165.45	6.58	2.22
KUGC0010	339.33	341.70	2.37	6.26
KUGC0051	3.25	14.00	10.75	3.54
KUGC0052A	2.82	12.89	10.07	3.40
KUGC0055	55.93	77.00	21.07	1.53
KUGC0056	80.08	94.47	14.39	1.07
KUGC0057	51.00	66.04	15.04	2.01
KUGC0058	50.80	72.50	21.70	1.66
KUGC0058	94.00	100.00	6.00	4.51



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0058	129.60	137.35	7.75	2.12
KUGC0059	68.00	86.00	18.00	2.60
KUGC0059	114.07	126.00	11.93	3.23
KUGC0059	154.53	157.00	2.47	26.58
KUGC0061	203.00	215.90	12.90	2.59
KUGC0067	13.00	15.17	2.17	6.57
KUGC0067	22.96	51.50	28.54	4.82
KUGC0068	3.15	51.00	47.85	4.11
KUGC0069	9.92	42.00	32.08	1.00
KUGC0069	65.00	66.13	1.13	11.39
KUGC0070	10.72	23.55	12.83	1.39
KUGC0070	31.00	51.51	20.51	4.89
KUGC0070	55.93	65.91	9.98	2.55
KUGC0071	17.80	37.38	19.58	2.15
KUGC0071	47.80	54.09	6.29	1.94
KUGC0072	19.89	21.45	1.56	50.32
KUGC0072	29.77	45.58	15.81	1.64
KUGC0076	47.15	54.13	6.98	2.56
KUGC0076	105.97	108.00	2.03	44.13
KUGC0078	41.55	46.00	4.45	22.44
KUGC0077	69.90	83.78	13.88	2.22
				5.12
KUGC0077	89.60	102.00	12.40	
KUGC0078	95.07	98.00	2.93	14.04
KUGC0080	38.00	51.00	13.00	3.47
KUGC0080	67.31	70.23	2.92	7.38
KUGC0083	15.60	16.20	0.60	24.90
KUGC0083	58.00	71.69	13.69	1.11
KUGC0084	130.93	139.00	8.07	4.58
KUGC0085	80.53	97.53	17.00	1.76
KUGC0085	113.90	123.60	9.70	3.35
KUGC0085	130.90	136.80	5.90	3.14
KUGC0086	134.00	154.00	20.00	4.17
KUGC0087	152.00	160.00	8.00	8.11
KUGC0088	9.33	9.57	0.24	55.80
KUGC0088	172.05	177.84	5.79	7.04
KUGC0089	161.00	168.65	7.65	7.23
KUGC0092	36.50	55.96	19.46	1.51
KUGC0095	50.02	68.60	18.58	2.14
KUGC0098	87.20	88.20	1.00	21.80
KUGC0099	85.45	142.00	56.55	1.06
KUGC0102	18.15	27.15	9.00	1.27
KUGC0102	44.75	46.50	1.75	9.53
KUGC0102	60.35	65.45	5.10	17.73
KUGC0103	28.00	41.77	13.77	1.90
KUGC0103	51.46	62.00	10.54	5.81
KUGC0107	72.90	78.90	6.00	1.43
KUGC0116	84.91	101.70	16.79	5.05
KUGC0116	143.30	143.87	0.57	25.20
KUGC0117	36.00	48.49	12.49	1.25
KUGC0118	0.00	9.00	9.00	2.20
KUGC0118	41.00	44.40	3.40	21.66
KUGC0119	77.11	86.07	8.96	3.65



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0120	0.00	12.00	12.00	2.24
KUGC0120	52.00	63.23	11.23	1.47
KUGC0120	83.68	90.00	6.32	1.28
KUGC0121	58.00	65.00	7.00	11.18
KUGC0121	82.56	102.69	20.13	2.20
KUGC0122	30.12	40.00	9.88	1.74
KUGC0122	50.52	61.00	10.48	3.33
KUGC0122	89.13	91.40	2.27	10.37
KUGC0125	72.26	74.00	1.74	12.45
KUGC0126	38.10	41.40	3.30	4.75
KUGC0126	59.03	71.00	11.97	3.34
KUGC0127	57.00	65.79	8.79	2.99
KUGC0128	42.32	64.00	21.68	2.09
KUGC0130	60.00	60.68	0.68	25.31
KUGC0132	29.45	47.30	17.85	5.10
KUGC0132	95.20	97.40	2.20	13.36
KUGC0132	26.15	50.00	23.85	1.28
KUGC0133	82.00	88.15	6.15	2.04
KUGC0135	112.17	133.45	21.28	3.71
KUGC0135 KUGC0136	19.56	20.72	1.16	11.35
KUGC0136	58.10	59.32	1.10	11.33
KUGC0136	136.50	143.75	7.25	1.40
KUGC0137	14.30	18.32	4.02	9.36
KUGC0138	3.00	16.82	13.82	1.06
KUGC0138	45.12	54.37	9.25	11.43
KUGC0139	10.60	19.50	8.90	3.28
KUGC0139	33.80	40.65	6.85	6.20
KUGC0139	93.00	100.95	7.95	3.48
KUGC0140	3.98	14.10	10.12	1.31
KUGC0140	20.11	24.04	3.93	4.28
KUGC0140	45.54	50.00	4.46	9.78
KUGC0141	16.00	22.80	6.80	2.68
KUGC0142	28.00	70.00	42.00	2.09
KUGC0142	97.00	103.11	6.11	2.06
KUGC0143	0.79	13.22	12.43	2.85
KUGC0143	38.76	45.73	6.97	1.29
KUGC0143	53.20	58.00	4.80	2.72
KUGC0144	0.93	16.00	15.07	1.90
KUGC0144	40.25	82.80	42.55	1.58
KUGC0144	98.00	109.00	11.00	1.23
KUGC0144	114.56	124.30	9.74	4.51
KUGC0145	0.65	18.85	18.20	2.10
KUGC0145	29.04	49.00	19.96	2.78
KUGC0145	101.10	103.00	1.90	8.64
KUGC0146	0.90	23.00	22.10	3.10
KUGC0146	73.00	73.53	0.53	57.90
KUGC0146	129.00	152.61	23.61	2.64
KUGC0147	0.64	10.11	9.47	1.37
KUGC0147	37.06	45.75	8.69	6.48
KUGC0147	101.95	112.00	10.05	2.36
KUGC0148	41.20	88.30	47.10	1.09
KUGC0148	114.24	119.00	4.76	3.97



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0150	0.00	13.00	13.00	1.80
KUGC0151	68.00	68.87	0.87	18.12
KUGC0151	78.00	83.41	5.41	5.00
KUGC0152	54.37	61.59	7.22	1.90
KUGC0152	70.00	75.00	5.00	31.94
KUGC0153	6.95	7.80	0.85	36.12
KUGC0153	29.00	40.24	11.24	22.51
KUGC0154	37.20	44.60	7.40	3.43
KUGC0154	67.74	72.80	5.06	3.67

Reporting parameters:

1. 0.3g/t Au low cut

2. No high cut applied

3. Max 4m consecutive intervals of sub-grade (<0.3 g/t Au) material included

4. Minimum reporting length of 6 metres and grade of 1.2 g/t Au, or minimum contained gold >12 gram\*metres accumulation

## Individual Assays >10g/t

Table 4 Individual intercepts >10g/t gold received from received since last reporting of in-mine drilling (4 July2019)

Drill hole ID	From	То	Length	Gold (g/t)
KHRD0220	8.46	8.69	0.23	14.45
KHRD0220	69.38	69.66	0.28	43.80
KHRD0220	74.22	74.55	0.33	10.25
KHRD0220	96.50	96.78	0.28	120.50
KHRD0220	106.60	106.83	0.23	272.00
KHRD0220	134.95	135.60	0.65	27.10
KHRD0221	2.20	2.48	0.28	42.60
KHRD0221	9.48	9.78	0.30	13.60
KHRD0221	33.78	34.40	0.62	68.30
KHRD0221	34.40	35.00	0.60	45.40
KHRD0221	84.50	85.13	0.63	12.80
KHRD0221	149.80	150.00	0.20	93.20
KHRD0222	13.44	13.74	0.30	13.75
KHRD0222	22.00	22.36	0.36	97.40
KHRD0222	196.15	196.65	0.50	37.30
KHRD0222	196.65	197.10	0.45	245.00
KHRD0222	197.10	197.46	0.36	35.00
KHRD0222	249.40	250.36	0.96	26.10
KHRD0252	2.79	3.00	0.21	43.10
KHRD0252	9.00	10.00	1.00	16.80
KHRD0252	52.31	53.00	0.69	38.40
KHRD0252	53.00	53.62	0.62	86.50
KHRD0252	61.33	61.73	0.40	46.50
KHRD0253	2.81	3.28	0.47	24.40
KHRD0253	4.55	5.00	0.45	11.85
KHRD0253	96.94	97.23	0.29	80.20
KHRD0253	139.30	139.65	0.35	11.85
KHRD0254	40.06	40.65	0.59	16.20
KHRD0255	13.20	13.47	0.27	19.05
KHRD0255	24.00	24.31	0.31	19.10
KHRD0255	62.00	62.96	0.96	10.10



Drill hole ID	From	То	Length	Gold (g/t)
KHRD0255	76.00	76.20	0.20	166.50
KHRD0255	128.97	129.47	0.50	110.50
KHRD0255	130.60	131.12	0.52	21.70
KHRD0256	11.49	11.69	0.20	174.50
KHRD0256	31.71	32.50	0.79	26.00
KHRD0256	93.25	93.45	0.20	52.70
KHRD0256	155.00	155.50	0.50	46.40
KHRD0257	5.75	5.95	0.20	55.30
KHRD0257	22.36	22.85	0.49	82.20
KHRD0257	62.66	62.90	0.24	48.50
KHRD0257	67.70	67.90	0.20	55.30
KHRD0257	98.75	99.06	0.31	10.55
KHRD0257	208.85	209.55	0.70	27.20
KHRD0258	10.63	10.83	0.20	48.90
KHRD0258	47.62	47.82	0.20	32.10
KHRD0258	64.50	64.74	0.20	27.20
KHRD0258	84.30	84.59	0.24	176.00
KHRD0258	274.15	274.47	0.29	19.55
	274.13		0.60	13.35
KHRD0258		276.00		216.00
KHRD0258	276.85	277.05	0.20	
KHRD0259	9.80	10.00	0.20	15.50
KHRD0259	39.30	39.83	0.53	23.60
KHRD0259	78.83	79.12	0.29	31.90
KHRD0259	79.12	79.50	0.38	32.80
KHRD0259	202.00	202.65	0.65	22.70
KHRD0259	246.18	246.38	0.20	112.00
KHRD0260	19.90	20.12	0.22	14.55
KHRD0261	1.85	2.31	0.46	10.50
KHRD0261	16.00	17.00	1.00	38.30
KHRD0261	46.95	47.23	0.28	14.45
KHRD0261	52.43	52.65	0.22	34.00
KHRD0261	63.30	63.58	0.28	19.50
KHRD0261	66.05	67.07	1.02	19.25
KHRD0261	183.62	183.83	0.21	129.00
KHRD0262	2.53	2.94	0.41	18.05
KHRD0262	23.17	23.50	0.33	26.70
KHRD0262	23.50	24.00	0.50	144.50
KHRD0263	16.37	16.62	0.25	13.95
KHRD0263	16.92	17.32	0.40	12.80
KHRD0263	17.32	17.76	0.44	18.90
KHRD0263	54.95	55.45	0.50	10.05
KHRD0263	69.58	70.33	0.75	12.25
KHRD0264	1.79	2.05	0.26	38.60
KHRD0264	19.11	19.41	0.30	23.10
KHRD0264	67.25	67.50	0.25	23.10
KHRD0264	159.00	159.90	0.90	14.75
KHRD0265	54.18	54.38	0.20	96.00
KHRD0265	67.50	67.70	0.20	331.00
KHRD0265	77.58	77.78	0.20	31.30
KHRD0265	108.74	108.97	0.23	71.10
KHRD0265	112.29	112.53	0.24	148.50
KHRD0265	121.09	121.42	0.33	26.00



Drill hole ID	From	То	Length	Gold (g/t)
KHRD0265	135.97	136.20	0.23	10.35
KHRD0265	177.65	177.89	0.24	49.90
KHRD0265	186.14	186.35	0.21	88.80
KHRD0265	236.36	236.56	0.20	52.10
KHRD0266	69.21	69.41	0.20	23.40
KHRD0266	110.37	110.57	0.20	70.10
KHRD0266	117.90	118.28	0.38	90.90
KHRD0266	215.00	215.20	0.20	30.30
KHRD0267	40.00	40.70	0.70	22.00
KHRD0272	67.80	68.00	0.20	14.10
KHRD0272	72.00	73.00	1.00	17.40
KHRD0272	211.51	212.00	0.49	20.90
KHRD0282	59.55	60.20	0.65	60.80
KHRD0285	18.31	18.53	0.22	39.30
KHRD0285	118.35	118.55	0.20	12.80
KHRD0286	21.97	22.20	0.23	14.70
KHRD0286	63.04	63.24	0.23	13.15
KHRD0286	140.59	140.87	0.20	40.30
KHRD0286	140.87	141.21	0.34	44.20
KHRD0286	149.00	150.00	1.00	59.10
KHRD0287	12.55	12.75	0.20	13.30
KHRD0287	46.00	46.20	0.20	13.85
KHRD0287	46.55	46.75	0.20	22.20
KHRD0287	56.00	56.28	0.28	11.00
KHRD0287	63.45	63.65	0.20	13.25
KHRD0287	96.27	96.72	0.45	15.30
KHRD0287	120.80	121.00	0.20	11.00
KHRD0287	137.90	138.10	0.20	49.70
KHRD0287	192.50	192.70	0.20	66.90
KHRD0287	193.50	193.70	0.20	31.80
KHRD0287	193.90	194.10	0.20	11.95
KHRD0287	196.70	197.64	0.94	12.35
KUGC0010	0.00	0.32	0.32	30.00
KUGC0010	1.15	1.40	0.25	11.80
KUGC0010	42.83	43.18	0.35	15.95
KUGC0010	43.18	43.83	0.65	23.30
KUGC0010	57.35	57.70	0.35	72.50
KUGC0010	62.72	63.03	0.31	50.20
KUGC0010	77.65	77.90	0.25	29.70
KUGC0010	80.20	80.40	0.20	39.90
KUGC0010	114.40	114.60	0.20	52.20
KUGC0010	159.20	159.40	0.20	54.80
KUGC0010	182.80	183.00	0.20	10.30
KUGC0010	340.82	341.70	0.88	15.20
KUGC0051	3.25	3.51	0.26	129.50
KUGC0052	10.69	10.91	0.20	17.20
KUGC0052A	2.82	3.40	0.58	30.30
KUGC0052A	55.93	56.35	0.38	17.15
KUGC0055	58.60	59.30	0.70	10.05
KUGC0057	62.64	63.11	0.47	12.55
KUGC0058	50.80	51.80	1.00	13.10
KUGC0058	98.00	99.00	1.00	19.15



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0059	70.25	71.00	0.75	43.60
KUGC0059	114.07	115.00	0.93	24.80
KUGC0059	117.63	118.19	0.56	13.25
KUGC0059	154.53	155.00	0.47	32.20
KUGC0059	155.00	155.57	0.57	34.40
KUGC0059	155.57	155.77	0.20	108.00
KUGC0059	155.77	156.05	0.28	26.20
KUGC0060	136.39	136.68	0.29	22.30
KUGC0061	215.47	215.90	0.43	53.50
KUGC0067	1.00	2.00	1.00	10.25
KUGC0067	14.93	15.17	0.24	48.50
KUGC0067	28.77	29.05	0.28	128.50
KUGC0067	30.01	30.22	0.21	37.20
KUGC0067	32.61	32.83	0.22	37.30
KUGC0067	40.60	41.15	0.55	51.10
KUGC0067	41.15	41.44	0.29	129.00
KUGC0067	60.00	60.25	0.25	22.60
KUGC0068	3.15	3.37	0.23	11.40
KUGC0068	9.50	9.72	0.22	44.90
KUGC0068	15.36	15.58	0.22	430.00
KUGC0068	30.20	30.40	0.22	19.00
KUGC0068	31.53	31.73	0.20	235.00
KUGC0069	9.92	10.15	0.20	16.35
			0.23	
KUGC0069	16.60	16.81	1	48.30
KUGC0069	37.91	38.11	0.20	22.70
KUGC0069	65.93	66.13	0.20	58.40
KUGC0070	4.40	4.72	0.32	12.65
KUGC0070	33.98	34.54	0.56	66.40
KUGC0070	45.20	45.83	0.63	45.70
KUGC0070	51.27	51.51	0.24	64.60
KUGC0070	57.16	57.60	0.44	25.50
KUGC0070	62.80	63.00	0.20	20.80
KUGC0070	65.70	65.91	0.21	12.50
KUGC0071	1.05	2.15	1.10	44.70
KUGC0071	17.80	18.79	0.99	21.80
KUGC0071	52.10	52.30	0.20	28.20
KUGC0072	1.49	2.09	0.60	19.25
KUGC0072	10.90	11.10	0.20	10.10
KUGC0072	13.00	13.26	0.26	30.70
KUGC0072	19.89	20.59	0.70	108.00
KUGC0072	39.80	40.30	0.50	12.90
KUGC0076	53.10	54.13	1.03	14.60
KUGC0076	106.29	106.66	0.37	115.00
KUGC0076	107.27	107.48	0.21	167.50
KUGC0076	107.48	108.00	0.52	15.75
KUGC0077	5.45	5.81	0.36	10.70
KUGC0077	41.55	42.05	0.50	22.50
KUGC0077	43.00	44.00	1.00	74.60
KUGC0077	44.00	44.44	0.44	11.95
KUGC0077	73.61	73.81	0.20	62.90
KUGC0077	80.00	80.75	0.75	11.80
KUGC0077	94.97	96.00	1.03	36.90



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0078	95.07	95.34	0.27	12.60
KUGC0078	96.26	96.57	0.31	116.00
KUGC0080	41.37	41.57	0.20	163.00
KUGC0080	67.31	68.06	0.75	20.90
KUGC0083	15.60	16.20	0.60	24.90
KUGC0083	34.85	35.14	0.29	15.60
KUGC0083	36.00	36.25	0.25	12.05
KUGC0083	49.60	49.90	0.30	16.30
KUGC0083	67.65	68.07	0.42	18.00
KUGC0083	124.00	124.20	0.20	25.40
KUGC0084	131.16	131.93	0.77	12.10
KUGC0085	80.53	80.74	0.21	92.30
KUGC0085	97.33	97.53	0.20	18.30
KUGC0085	116.27	116.60	0.33	50.30
KUGC0085	119.72	120.08	0.36	24.50
KUGC0085	130.90	131.67	0.77	18.35
KUGC0086	84.30	84.60	0.30	16.25
KUGC0086	134.00	134.20	0.20	46.10
KUGC0086	148.00	149.00	1.00	12.75
				37.30
KUGC0086 KUGC0087	150.00 37.50	151.00 37.70	1.00 0.20	23.20
	82.33			
KUGC0087		82.53	0.20	13.85
KUGC0087	159.00	160.00	1.00	60.50
KUGC0088	9.33	9.57	0.24	55.80
KUGC0088	172.05	173.00	0.95	13.10
KUGC0088	173.00	173.37	0.37	23.60
KUGC0089	31.00	32.00	1.00	11.05
KUGC0089	168.20	168.65	0.45	93.40
KUGC0092	21.57	22.13	0.56	10.00
KUGC0092	49.77	50.40	0.63	11.95
KUGC0092	50.40	51.00	0.60	12.05
KUGC0095	53.38	53.70	0.32	26.90
KUGC0095	53.70	53.95	0.25	52.30
KUGC0098	87.20	88.20	1.00	21.80
KUGC0099	67.05	67.85	0.80	10.75
KUGC0099	98.45	99.65	1.20	21.70
KUGC0102	44.75	45.75	1.00	15.50
KUGC0102	62.35	63.35	1.00	22.10
KUGC0102	63.35	64.35	1.00	47.50
KUGC0103	29.61	30.51	0.90	19.60
KUGC0103	51.90	52.20	0.30	136.00
KUGC0103	58.00	59.00	1.00	12.95
KUGC0107	91.70	92.70	1.00	11.55
KUGC0116	0.00	0.20	0.20	33.30
KUGC0116	86.60	86.87	0.27	22.30
KUGC0116	88.85	89.28	0.43	15.30
KUGC0116	92.95	93.22	0.27	190.00
KUGC0116	143.30	143.87	0.57	25.20
KUGC0117	48.07	48.49	0.42	11.45
KUGC0118	0.00	0.36	0.36	37.20
KUGC0118	43.20	43.73	0.53	131.50
10000110	43.20	91.26	0.55	131.30



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0119	77.11	77.37	0.26	40.40
KUGC0119	84.00	84.60	0.60	15.25
KUGC0119	85.21	86.07	0.86	11.30
KUGC0120	0.00	0.40	0.40	58.40
KUGC0120	58.00	58.72	0.72	12.40
KUGC0121	0.00	0.58	0.58	11.85
KUGC0121	58.00	58.94	0.94	11.30
KUGC0121	58.94	59.14	0.20	251.00
KUGC0121	63.00	64.00	1.00	14.15
KUGC0121	82.56	83.00	0.44	19.10
KUGC0121	85.12	85.85	0.73	11.70
KUGC0121	85.85	86.61	0.76	10.10
KUGC0122	57.80	58.31	0.51	55.50
KUGC0122	90.76	91.40	0.64	25.00
KUGC0125	60.00	60.50	0.50	10.80
KUGC0125	73.00	74.00	1.00	17.90
KUGC0126	59.03	59.55	0.52	57.10
KUGC0127	59.57	59.80	0.23	75.90
KUGC0128	42.32	43.10	0.78	13.10
KUGC0128	42.32	49.00	1.00	12.25
KUGC0128	59.90	60.33	0.43	16.75
KUGC0128	60.42	60.68	0.43	64.10
KUGC0130	29.45	30.40	0.26	27.60
KUGC0132	30.40	31.20	0.93	49.10
		1	1	
KUGC0132	44.30 95.20	45.30 96.40	1.00 1.20	14.35 22.70
KUGC0132 KUGC0133			0.20	22.70
	26.15	26.35	1	
KUGC0133	30.30	31.31	1.01	10.05
KUGC0135	67.50	67.70	0.20	11.80
KUGC0135	115.33	116.15	0.82	33.10
KUGC0135	117.40	117.70	0.30	53.90
KUGC0135	121.40	122.06	0.66	27.70
KUGC0136	20.00	20.72	0.72	17.60
KUGC0136	58.86	59.32	0.46	31.90
KUGC0136	143.45	143.75	0.30	18.45
KUGC0137	2.45	2.70	0.25	40.20
KUGC0137	14.30	14.65	0.35	19.80
KUGC0137	16.45	16.67	0.22	31.80
KUGC0137	17.41	17.72	0.31	58.50
KUGC0137	71.53	71.77	0.24	18.10
KUGC0138	4.57	4.83	0.26	16.25
KUGC0138	45.89	46.10	0.21	28.90
KUGC0138	49.10	49.30	0.20	25.50
KUGC0138	54.00	54.37	0.37	242.00
KUGC0139	4.30	4.70	0.40	25.80
KUGC0139	17.75	18.50	0.75	26.70
KUGC0139	40.40	40.65	0.25	154.00
KUGC0139	100.73	100.95	0.22	103.50
KUGC0140	7.02	7.60	0.58	14.75
KUGC0140	23.55	24.04	0.49	30.00
KUGC0140	45.54	46.37	0.83	43.10
KUGC0141	6.40	6.60	0.20	24.80



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0141	16.00	16.21	0.21	77.60
KUGC0141	37.25	37.46	0.21	37.20
KUGC0141	43.25	43.50	0.25	12.50
KUGC0142	0.75	0.98	0.23	18.15
KUGC0142	46.00	46.85	0.85	34.70
KUGC0142	46.85	47.05	0.20	78.70
KUGC0142	47.05	48.00	0.95	15.35
KUGC0143	0.79	1.02	0.23	120.50
KUGC0143	7.20	7.40	0.20	13.05
KUGC0144	0.93	1.18	0.25	59.10
KUGC0144	7.20	7.45	0.25	15.50
KUGC0144	14.00	14.30	0.30	10.10
KUGC0144	76.50	76.70	0.20	77.00
KUGC0144	82.56	82.80	0.24	31.20
KUGC0144	116.30	117.30	1.00	35.10
KUGC0145	0.65	0.85	0.20	68.50
KUGC0145	7.00	8.00	1.00	14.70
KUGC0145	18.65	18.85	0.20	20.50
KUGC0145	29.04	29.52	0.48	17.30
KUGC0145	41.60	42.24	0.48	19.45
KUGC0145	70.00	70.87	0.87	12.50
KUGC0145	102.00	103.00	1.00	10.50
KUGC0145	0.90	1.10	0.20	97.30
KUGC0146	7.00	8.00	1.00	19.55
KUGC0146	10.90 20.46	11.10	0.20	18.30 11.25
KUGC0146		21.02		
KUGC0146	22.80	23.00	0.20	64.70
KUGC0146	69.70	70.30	0.60	16.90
KUGC0146	73.00	73.53	0.53	57.90
KUGC0146	73.53	74.00	0.47	18.90
KUGC0146	141.40	141.84	0.44	25.60
KUGC0146	151.00	151.85	0.85	11.90
KUGC0147	0.64	0.84	0.20	28.60
KUGC0147	7.05	7.25	0.20	15.95
KUGC0147	41.80	42.00	0.20	219.00
KUGC0147	44.77	45.17	0.40	10.95
KUGC0147	101.95	102.89	0.94	15.70
KUGC0148	0.80	1.00	0.20	18.15
KUGC0148	7.15	7.35	0.20	19.55
KUGC0148	19.00	19.20	0.20	10.80
KUGC0148	50.00	50.73	0.73	15.65
KUGC0148	75.65	75.85	0.20	10.45
KUGC0148	87.68	88.30	0.62	12.75
KUGC0150	11.27	12.05	0.78	19.40
KUGC0150	23.82	24.20	0.38	23.40
KUGC0150	45.38	46.00	0.62	19.25
KUGC0151	68.53	68.87	0.34	44.60
KUGC0151	83.03	83.41	0.38	67.00
KUGC0152	26.89	27.30	0.41	22.90
KUGC0152	28.82	29.06	0.24	16.80
KUGC0152	54.37	54.72	0.35	20.90
KUGC0152	71.20	72.00	0.80	84.40



Drill hole ID	From	То	Length	Gold (g/t)
KUGC0152	72.00	73.00	1.00	17.25
KUGC0152	73.00	74.00	1.00	24.30
KUGC0152	74.00	75.00	1.00	45.10
KUGC0153	6.95	7.15	0.20	87.60
KUGC0153	7.15	7.59	0.44	27.00
KUGC0153	29.30	29.70	0.40	30.00
KUGC0153	29.70	29.90	0.20	258.00
KUGC0153	33.41	33.78	0.37	233.00
KUGC0153	33.78	34.52	0.74	10.35
KUGC0153	37.50	37.80	0.30	11.90
KUGC0153	39.08	39.45	0.37	46.80
KUGC0153	39.45	39.72	0.27	236.00
KUGC0154	22.70	22.90	0.20	12.35
KUGC0154	39.90	40.50	0.60	16.75
KUGC0154	42.40	42.91	0.51	20.20
KUGC0154	72.60	72.80	0.20	74.00
KUGC0154	78.70	78.90	0.20	16.40

Reporting parameters:1. Individual high grade (>10g/t Au) assay intervals reported separately2. No high cut applied

# JORC CODE, 2012 EDITION – TABLE 1 REPORT: KOTH GOLD MINE – DIAMOND CORE ASSAY RESULTS FROM RECENT UNDERGROUND DRILLING

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.	<ul> <li>For the KHRD hole series sampling of diamond drill core (DD) from recent drilling by Red5 was carried ou by halving the drill core lengthwise, using a powered diamond saw, and submitting predetermined length of half core for analysis.</li> <li>For the KUGC hole series sampling of DD is done using whole core for the selected interval.</li> </ul>
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	<ul> <li>Red 5 inserted certified blank material into the sampling sequence immediately after samples that had been identified as potentially containing coarse gold. Barren flushes were also carried out during the sample preparation process, immediately after preparation of the suspected coarse gold bearing samples. The barren flush is also analysed for gold to identify and quantify any gold smearing in the sample preparation process.</li> </ul>
		• Certified Reference Material was regularly inserted into the sampling sequence after every 20 samples to monitor QAQC of the analytical process.
		<ul> <li>Drill core samples are crushed, dried and pulverised to a nominal 90% passing 75µm to produce a 50g sub-sample for analysis by Fire Assay fusion / AAS determination techniques.</li> </ul>
	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').	<ul> <li>For KHRD hole series drill core sampling has been half cut and sampled downhole to a minimum of 0.2m and a maximum of 1.2m to provide a sample size between 0.3-5.4 kg, which is crushed and pulverised to produce a 50g charge for fire assay. The remaining half of the core is stored in the core farm for reference.</li> <li>For KUGC DD hole series whole core sampling is done.</li> </ul>
	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	<ul> <li>Coarse gold is only occasionally observed in drill core, if identified screen fire assay is done.</li> </ul>
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	<ul> <li>Underground diamond core drilling is carried out by drilling contractors, using standard wireline techniques. Standard double tube is used since the core is considered to be sufficiently competent to not require the use of triple tube. Diamond drill core diameter is NQ2 (Ø 50.5mm).</li> <li>Current underground diamond drill core is orientated.</li> </ul>
Drill Sample Recovery	what method, etc.). Method of recording and assessing core and chip sample recoveries and results assessed	<ul> <li>Drill core sample recovery is calculated for each core run, by measuring and recording length of core retrieved divided by measured length of the core run drilled. Sample recoveries are calculated and recorded in the database.</li> </ul>

Criteria	JORC Code Explanation	Commentary
		• Drill core recovery factors for core drilling are generally very high typically in excess of 95% recovery.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	<ul> <li>Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking. Depths are checked against depth given on the core blocks.</li> </ul>
	Whether a relationship exists between sample	There is no known relationship between sample recovery and grade.
	recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• Diamond drilling has high recoveries, due to the competent nature of the ground, therefore loss of material is minimised. There is no apparent sample bias.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of	<ul> <li>100% of drill core is logged geologically to a level of detail enough to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> </ul>
	detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in	<ul> <li>Logging of diamond drill core has recorded lithology, mineralogy, texture, mineralisation, weathering, alteration and veining. Logging is qualitative and/or quantitative where appropriate.</li> </ul>
	nature. Core (or costean, channel, etc) photography.	<ul> <li>Before sampling the core is photographed and filed on the site server.</li> </ul>
	The total length and percentage of the relevant intersections logged	All diamond drill holes are logged in their entirety.
Sub-sampling techniquesIf core, whether cut or sawn and whether quarter, half or all core taken.and sample preparationhalf or all core taken.		• All diamond drill core samples were obtained by cutting the core in half, along the entire length of each sampling interval. Half core samples are collected over predetermined sampling intervals, from the same side, and submitted for analysis.
		• Drill core sample lengths can be variable in a mineralized zone, though usually no larger than 1.2 meters. Minimum sampling width is 0.2 metres. This enables the capture of assay data for narrow structures and localized grade variations.
		• Drill core samples are taken according to a cut sheet compiled by the Geologist. Core samples are bagged in pre-numbered calico bags and submitted with a sample submission form.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	N/A – This report only relates to diamond drill core samples
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	• The sample preparation of diamond drill core adheres to industry standard practice. It is conducted by a commercial certified laboratory and involves oven drying at 105°C, jaw crushing then total grinding using an LM5 to a grind size of 90% passing 75 microns. This procedure is industry standard and considered appropriate for the analysis of gold for Archaean lode gold systems.
	Quality control procedures adopted for all sub- sampling stages to maximise representivity of samples.	<ul> <li>All sub-sampling activities are carried out by commercial certified laboratory and are considered to be appropriate.</li> </ul>
	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.	<ul> <li>This report only relates to diamond drill core samples. The remaining half core is retained in core trays for future reference. There is sufficient drilling data and underground mapping and sampling data to satisfy Red 5 that the sampling is representative of the in-situ material collected</li> </ul>
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Analysis of drilling data and mine production data supports the appropriateness of sample sizes.
Quality of assay data	The nature, quality and appropriateness of the	• Primary assaying of core samples is by fire assay fusion with AAS finish to determine gold content. This

Criteria	JORC Code Explanation	Commentary
and laboratory tests	assaying and laboratory procedures used and whether the technique is considered partial or total.	method is considered one of the most suitable for determining gold concentrations in rock and is a total digest method.
	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.	• No geophysical tools have been utilised to determine assay results at the King of the Hills project
	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.	<ul> <li>QC samples were routinely inserted into the sampling sequence and also submitted around expected zones of mineralisation. Standard procedures are to examine any erroneous QC results and validate if required; establishing acceptable levels of accuracy and precision for all stages of the sampling and analytical process.</li> </ul>
		• Certified Reference Material (standards and blanks) with a wide range of values are inserted into all batches of diamond drill hole submissions, at a rate of 1 in 20 samples, to assess laboratory accuracy and precision and possible contamination. The CRM values are not identifiable to the laboratory.
		• Certified blank material is inserted under the control of the geologist and are inserted at a minimum of one per batch. Barren quartz flushes are inserted between expected mineralised sample interval(s) when pulverising.
		• QAQC data returned are checked against pass/fail limits with the SQL database and are passed or failed on import. A report is generated and reviewed by the geologist as necessary upon failure to determine further action.
		• QAQC data validation is routinely completed and demonstrates sufficient levels of accuracy and precision.
		• Sample preparation checks for fineness are carried out to ensure a grind size of 90% passing 75 microns.
		• The laboratory performs several internal processes including standards, blanks, repeats and checks.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	• Core samples with significant intersections are typically reviewed by Senior Geological personnel to confirm the results.
	The use of twinned holes.	No specific twinned holes were drilled
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols	<ul> <li>The SQL server database is configured for optimal validation through constraints, library tables and triggers. Data that fails these rules on import is rejected and not ranked as a priority to be used for exports or any data applications.</li> </ul>
		• All diamond drill data control is managed centrally, from drill hole planning to final assay, survey and geological capture. The majority of logging data (lithology, alteration and structural characteristics of core) is captured directly by customised digital logging tools with stringent validation and data entry constraints. Geologists email the data to the database administrator for importing in the database where ranking of the data occurs based on multiple QAQC and validation rules.
	Discuss any adjustment to assay data.	The database is secure and password protected by the Database Administrator to prevent accidental or malicious adjustments to data.
		• No adjustments have been made to assay data. First gold assay is utilised for grade review. Re-assays

Criteria	JORC Code Explanation	Commentary
		carried out due to failed QAQC will replace original results, though both are stored in the database.
Location of data points	Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	• Diamond drill hole collars are marked out pre-drilling and picked up by company surveyors using a total station at the completion of drilling, with an expected accuracy of +/-2mm.
		• Downhole surveys are carried out at regular intervals, using an electronic downhole survey tool. Older surveys typically used a single shot camera, with more recent surveys using continuously recording tools/gyroscope (e.g. Reflex EZ_SHOTTM) which are not affected by magnetics.
	Specification of the grid system used.	• A local grid system (King of the Hills) is used. A two-point transformation to MGA_GDA94 zone 51 is tabulated below:
		KOTHEast KOTHNorth RL MGAEast MGANorth RL Point 1 49823.541 9992.582 0 320153.794 6826726.962 0 Point 2 50740.947 10246.724 0 320868.033 6827356.243 0
		<ul> <li>Mine Grid elevation data is +4897.27m relative to Australian Height Datum</li> </ul>
	Quality and adequacy of topographic control.	• Aerial Flyover survey has been used to establish a topographic surface combined with DGPS data from pick-ups from hole collar pick-ups.
Data spacing and	Data spacing for reporting of Exploration Results.	• N/A
distribution	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.	• The Competent Person considers the data reported to be sufficient to establish the degree of geological and grade continuity appropriate for future Mineral Resource classification categories adopted for KOTH.
Orientation of data in relation to geological structure	Whether sample compositing has been applied.	Sample compositing is not applied to drill core samples.
	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	<ul> <li>Drill holes were not necessarily oriented in an optimum direction, resulting in some potential for negative and/or positive sampling bias, particularly in the zones of vein stock-works. Drilling from underground development to intersect target zones inhibits the ability to optimise sampling orientations. This has been recognised by previous owners as well as Red5 and accounted for in Mineral Resource estimation by segregation of the high grade veins.</li> </ul>
	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 is designed to intersect ore structures as close to orthogonal as practicable. This is not always achievable from underground development.
		<ul> <li>Cursory reconciliations carried out during mining operations have not identified any apparent sample bias having been introduced because of the relationship between the orientation of the drilling and that of the higher grade mineralised structures.</li> </ul>
Sample security	The measures taken to ensure sample security.	• Recent samples are prepared on site under supervision of geological staff. Samples are selected, bagged into tied numbered calico bags then grouped into larger secured bags and delivered to the laboratory by transport company. All KOTH samples are submitted to an independent certified laboratory in Kalgoorlie for analysis.
		• KOTH is a remote site and the number of external visitors is minimal. The deposit is known to contain visible gold, and while this renders the core susceptible to theft, the risk of sample tampering is considered

## Section 1: Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
		very low due to the policing by Company personnel at all stages from drilling through to storage at the core yard, sampling and delivery to the laboratory
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>A series of written standard procedures exists for sampling and core cutting at KOTH. Periodic routine visits to drill rigs and the core farm are carried out by project geologists and Senior Geologists / Superintendents to review core logging and sampling practices. There were no adverse findings, and any minor deficiencies were noted and staff notified, with remedial training if required.</li> </ul>
		No external audits or reviews have been conducted for the purposes of this report.

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.	<ul> <li>The King of the Hill pit and near mine exploration are located on M37/67, M37/76, M37/90, M37/201 and M37/248 which expire between 2028 and 2031. All mining leases have a 21 year life and are renewable for a further 21 years on a continuing basis.</li> <li>The mining leases are 100% held and managed by Greenstone Resources (WA) Pty Limited, a wholly owned subsidiary of Red 5 Limited.</li> </ul>
		• The mining leases are subject to a 1.5% 'IRC' royalty.
		• Mining leases M37/67, M37/76, M37/201 and M37/248 are subject to a mortgage with 'PT Limited'.
		• All production is subject to a Western Australian state government 'NSR' royalty of 2.5%.
		• All bonds have been retired across these mining leases and they are all currently subject to the conditions imposed by the MRF.
		• There are currently no native title claims applied for, or determined, over the mining leases.
		• An 'Other Heritage Place' (aboriginal heritage place ID: 1741), referred to as the "Lake Raeside/Sullivan Creek" site, is located within M37/90.
	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 tenements are in good standing and the licence to operate already exists. There are no known impediments to obtaining additional licences to operate in the area.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	• The King of the Hills prospect was mined sporadically from 1898-1918. Modern exploration in the Leonora area was triggered by the discovery of the Habour Lights and Tower Hill prospects in the early 1980s, with regional mapping indicating the King of the Hills prospect area was worthy of further investigation.
		• Various companies (Esso, Ananconda, BP Minerals. Kulim) carried out sampling, mapping and drilling

Criteria	g of Exploration Results JORC Code Explanation	Commentary
Citteria		activities delineating gold mineralisation. Kulim mined two small open pits in JV with Sons of Gwalia during 1986 and 1987. Arboynne took over Kulim's interest and outlined a new resource while Mount Edon carried out exploration on the surrounding tenements. Mining commenced but problems lead to Mount Edon acquiring the whole project area from Kulim, leading to the integration of the King of the Hills, KOTH West and KOTH Extended into the Tarmoola Project. Pacmin bought out Mount Edon and were subsequently taken over by Sons of Gwalia.
		• St Barbara acquired the project after taking over Sons of Gwalia in 2005. King of The Hills is the name given to the underground mine, which St Barbara developed beneath the Tarmoola pit. St Barbara continued mining at King of The Hills and processed the ore at their Gwalia operations until 2005 when it was put on care and maintenance. It was subsequently sold that year to Saracen Minerals Holdings who re-commenced underground mining in 2016 and processed the ore at their Thunderbox Gold mine.
		• In October 2017 Red 5 Limited purchased King of the Hills (KOTH) Gold Project from Saracen.
Geology	Deposit type, geological setting and style of mineralisation.	• The KOTH mineralisation is considered to be part of an Archean Orogenic gold deposit with many similar characteristics to other gold deposits within the Eastern Goldfields of the Yilgarn Craton.
		• Gold mineralisation is associated with sheeted and stockwork quartz vein sets within a hosting granodiorite stock and pervasively carbonate altered ultramafic rocks. Mineralisation is thought to have occurred within a brittle/ductile shear zone with the main thrust shear zone forming the primary conduit for the mineralising fluids. Pre-existing quartz veining and brittle fracturing of the granite created a network of second order conduits for mineralising fluids.
		• Gold appears as free particles or associated with traces of base metals sulphides (galena, chalcopyrite, pyrite) intergrown within quartz along late stage fractures.
Drillhole information	<ul> <li>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:</li> <li>easting and northing of the drill hole collar 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>	<ul> <li>Drillhole collar locations, azimuth and drill hole dip and significant assays are reported in Appendix 1 attached to the ASX announcement for which this Table 1 Report accompanies. The holes reported are in the KOTH mine grid.</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>Reporting of intercepts are based on weighted average gold grades, using a low cut-off grade of 0.3g/t Au. No cutting of high grades has been applied.</li> </ul>

Section 2: Reporting of Exploration Results		
Criteria	JORC Code Explanation	Commentary
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade	• Compositing of intercepts is constrained by including consecutive down-hole lengths of maximum 4 metres at grades <0.3g/ Au with significant assays reported above 1.0g/t.
	results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	• For the broad mineralised intercepts and bulk composite intercepts reported will include all material and will include significant intervals of material less than 1.0 g/t Au, i.e may be greater than 16.1m. The purpose of including such large zones is due to the stockwork nature of the mineralisation with the aim to "bulk mine".
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are used.
Relationship between	These relationships are particularly important in the	No true thickness calculations have been made.
mineralisation widths and intercept lengths	reporting of Exploration Results. If the geometry of the mineralisation with respect to	• All reported down hole intersections are documented as down hole width only. True width not known.
	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 (eg 'down hole length, true width not known').	• The KOTH mineralisation envelope is intersected approximately orthogonal to the orientation of the mineralised zone, or sub-parallel to the contact between the granodiorite and ultramafic. Due underground access limitations and the variability of orientation of the quartz veins and quartz vein stock-works, drilling orientation is not necessarily optimal
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.	<ul> <li>A scaled plan projection, longitudinal projection are included within the main body of the ASX release for which this Table 1 Report accompanies.</li> </ul>
Balanced Reporting	Where comprehensive reporting of all Exploration Results are not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	<ul> <li>Comprehensive reporting of all Assay Results is not practicable, due to the amount of data. KOTH significant assays are reported according to predetermined intersection-reporting criteria, which includes low and high grades.</li> </ul>
		• Weighted average composited intervals have been tabulated and included within the main body of the ASX release for which this Table 1 Report accompanies. No grade cuts have been applied.
		<ul> <li>Individual high grade intercepts (&gt;10g/t Au) have been reported separately.</li> </ul>
		<ul> <li>Minimum reporting length of 6m and grade &gt;1.2g/t or a minimum contained gold &gt;12 gram*meter accumulation has been used.</li> </ul>
		<ul> <li>Only significant assays above 1.0 g/t Au have been reported for Table 2 &amp; 3 in Appendix 1 for the KHRD &amp; KHGC series holes.</li> </ul>
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.	<ul> <li>No other exploration data that may have been collected is considered material to this announcement.</li> </ul>

Section 2: Reporting of Exploration Results		
Criteria	JORC Code Explanation	Commentary
Further work	The nature and scale of planned further work (eg 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	<ul> <li>Red 5 Limited is continually reviewing the resource models and geology interpretations subsequent to the purchase of KOTH from Saracen, with drilling to further define and extend the underground resource as part of the current Feasibility Study after the successful completion of the Open Pit Pre-Feasibility Study in conjunction with the required technical drilling to cover the Geotechnical, Metallurgical work for the proposed open pit including sterilisation drilling for the proposed gold processing plant along with the continuation of surface exploration on the KOTH and other Red 5 tenements.</li> <li>No diagrams have been included in this report to show the proposed drilling plans for the KOTH resource.</li> </ul>