

# ASX Announcement

## Strong Infill Drilling Results at Reward and Rockface in 14 Holes



Level 5, 167 Eagle Street  
Brisbane QLD 4000  
Australia  
[kglresources.com.au](http://kglresources.com.au)

**19 December 2023**

KGL Resources' recent drilling activities have focused primarily on the Reward and Rockface deposits to enhance mineral resource categorisation and to strategically expand our mine plans.

- **Reward Prospect Mineral Resource Categorisation:**

- Ten drill holes specifically targeted the Reward prospect, aiming to improve the certainty of mineral resources and achieve the JORC Measured category.
- Reward resource infill drilling hits shallow wide copper zones within the open pit design, for instance in **KJD586**:
  - **13.6m<sup>1</sup> @ 2.00% Cu, 25.3 g/t Ag, 0.29 g/t Au from 57.30m including:**
  - **5.7m @ 3.35% Cu, 35.8 g/t Ag, 0.47 g/t Au from 71.00m**and **KJD588**:
  - **14.8m @ 1.55% Cu, 18.2 g/t Ag, 0.32 g/t Au from 17.00m including:**
  - **2.1m @ 3.53% Cu, 30.7 g/t Ag, 0.69 g/t Au from 18.00m**

- **Rockface Prospect Highlights:**

- Four drillholes at Rockface aimed to refine the JORC classification, emphasising shallow to intermediate depths where existing data is limited, for potential resource expansion.
- High-grade copper at intermediate depth at Rockface in drillhole **KJD582**:
  - **5.8m @ 3.19% Cu, 21.3 g/t Ag, 0.14 g/t Au, from 201.34m including**
  - **2.5m @ 4.62% Cu, 30.4 g/t Ag, 0.18 g/t Au from 204.10m**

- **Drilling Operations**

- Two diamond rigs are employed in drilling operations, set to continue until late December, with a temporary hiatus until early February.
- Twenty-one holes are currently awaiting assay results.

KGL Resources (**ASX: KGL**) is pleased to announce the findings from assay results newly reported for 14 recently drilled holes. The drilling efforts have been focused on mineral resource development, with 10 holes specifically targeted at the Reward prospect planned open pit. The objective of these drill holes was to improve the categorisation of mineral resources, achieving the JORC Measured category.

Similarly, four drillholes were dedicated to the Rockface prospect, aiming to further refine the JORC classification. The emphasis of the drilling campaign was on shallow to intermediate depths, where existing drilling data is relatively limited. This strategic approach has been adopted to capitalise on the potential for resource expansion in these specific areas (See Figure 1).

The drilling operations are being conducted using two diamond rigs. The drilling campaign is set to continue until late December, after which a temporary hiatus will occur until resuming in early February. Currently, 21 holes are awaiting assay results. Samples from these holes, sourced from the Reward and Rockface prospects, are either undergoing processing at the analytical laboratory or are in transit to reach the lab.

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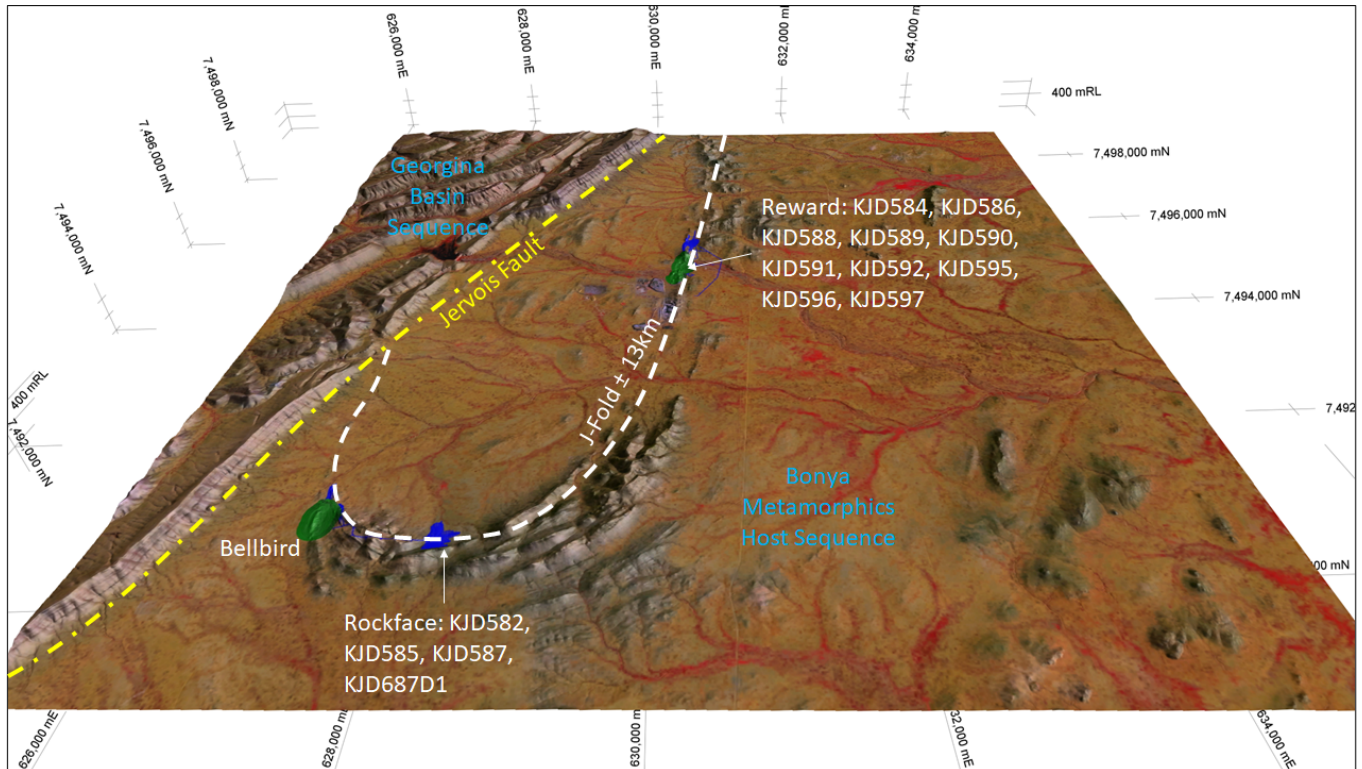
<sup>1</sup> All mineralised intersections quoted in this report are Estimated True Thicknesses unless otherwise specified.

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Table 1 below lists the collar details and final depth for the 14 holes.



**Figure 1: perspective view looking north of location and simplified geology and reported results from Rockface and Reward**

Hole ID	Depth	NAT East	NAT North	NAT RL	Azimuth	Dip
KJD582	342.35	628347.00	7490504.00	363.49	178.44	-54.00
KJD584	405.30	630503.23	7494632.59	346.29	270.18	-63.38
KJD585	351.55	628317.94	7490503.80	363.30	179.84	-65.84
KJD586	113.70	630321.80	7494874.65	342.71	105.54	-58.00
KJD587	366.70	628283.00	7490557.00	361.61	191.50	-63.67
KJD587D1	381.70	628283.24	7490558.07	361.66	191.96	-63.67
KJD588	71.50	630381.91	7494864.04	344.07	269.13	-50.41
KJD589	84.20	630336.20	7494784.95	344.60	87.80	-54.57
KJD590	170.90	630286.36	7495004.00	351.51	90.22	-53.16
KJD591	78.00	630336.38	7494905.17	346.82	87.74	-52.09
KJD592	134.50	630297.35	7494899.18	345.39	89.50	-52.74
KJD595	105.10	630314.43	7494951.11	348.64	89.37	-49.95
KJCD596	384.30	630135.88	7494434.28	349.02	88.45	-64.73
KJD597	166.90	630284.81	7494964.73	346.79	89.13	-54.07

**Table 1: Drillhole collar locations. Note hole prefixes KJD = diamond from surface, KJCD = RC pre-collar with a diamond tail. The suffix D1 = first wedge deviation (child) hole from the parent hole.**

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### Rockface

Recent drilling efforts at Rockface have primarily focused on exploring deep holes to uncover extensions of the Rockface North lode at significant depths. This exploration technique involves an iterative process combining drilling and DHEM geophysics. The Company has previously reported successful results from this approach and has plans to continue exploring at greater depths in the upcoming year.

Concurrently, there's a recognition that there is potential to refine and potentially expand the high-grade Rockface Main lode mineralisation, particularly at shallow to intermediate depths. To address this, the four holes discussed in this report were strategically designed (**Figure 2**). Each of these holes intersected copper mineralisation exceeding 1% Cu, as outlined in. Notably, the result from KJD582 is particularly significant as it revealed an extended high-grade copper zone, which is expected to positively impact the adjustment of the mineral resource model in an upward direction and expand the mine plan (**Figure 3**)

Hole_ID	Depth_From m	Depth_To m	Downhole Thickness m	Estimated True Thickness m	Cu %	Ag g/t	Au g/t	Pb %	Zn %	Lode
KJD582	201.34	208.00	6.66	5.8	3.19	21.3	0.14	0.01	0.12	Rockface
incl.	204.10	207.00	2.90	2.5	4.62	30.4	0.18	0.02	0.08	
KJD585	255.00	257.00	2.00	1.6	1.35	9.4	0.08	0.02	0.06	Rockface
KJD587	322.93	326.47	3.54	3.2	1.75	10.6	0.09	0.02	0.08	Rockface
KJD587D1	348.65	349.30	0.65	0.5	1.80	9.3	0.11	0.04	0.08	Rockface
	354.22	357.78	3.56	2.7	2.62	17.0	0.20	0.01	0.08	
incl.	354.22	356.00	1.78	1.3	3.57	24.9	0.26	0.01	0.08	

**Table 2: Mineralised intersections in recent Rockface drilling**

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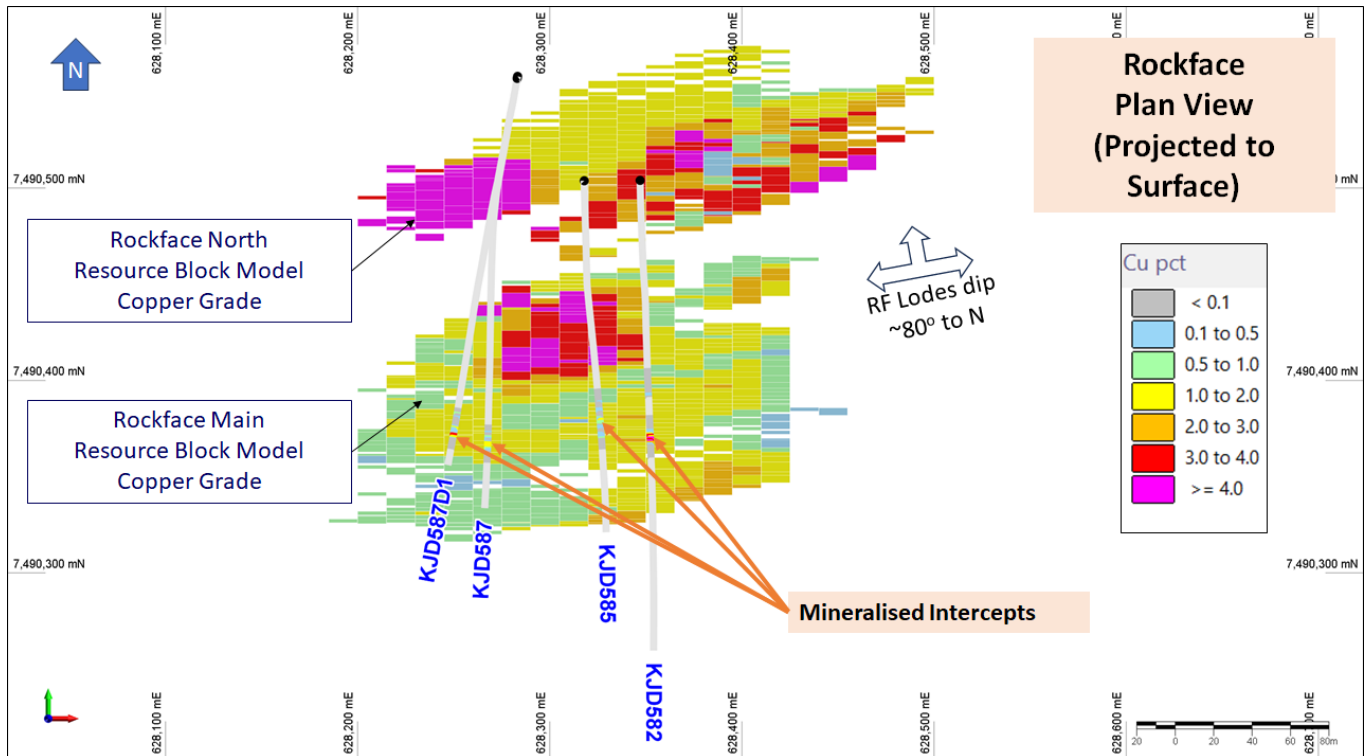


Figure 2 Plan view of the 4 holes targeting the Rockface Main lode at shallow to intermediate depth.

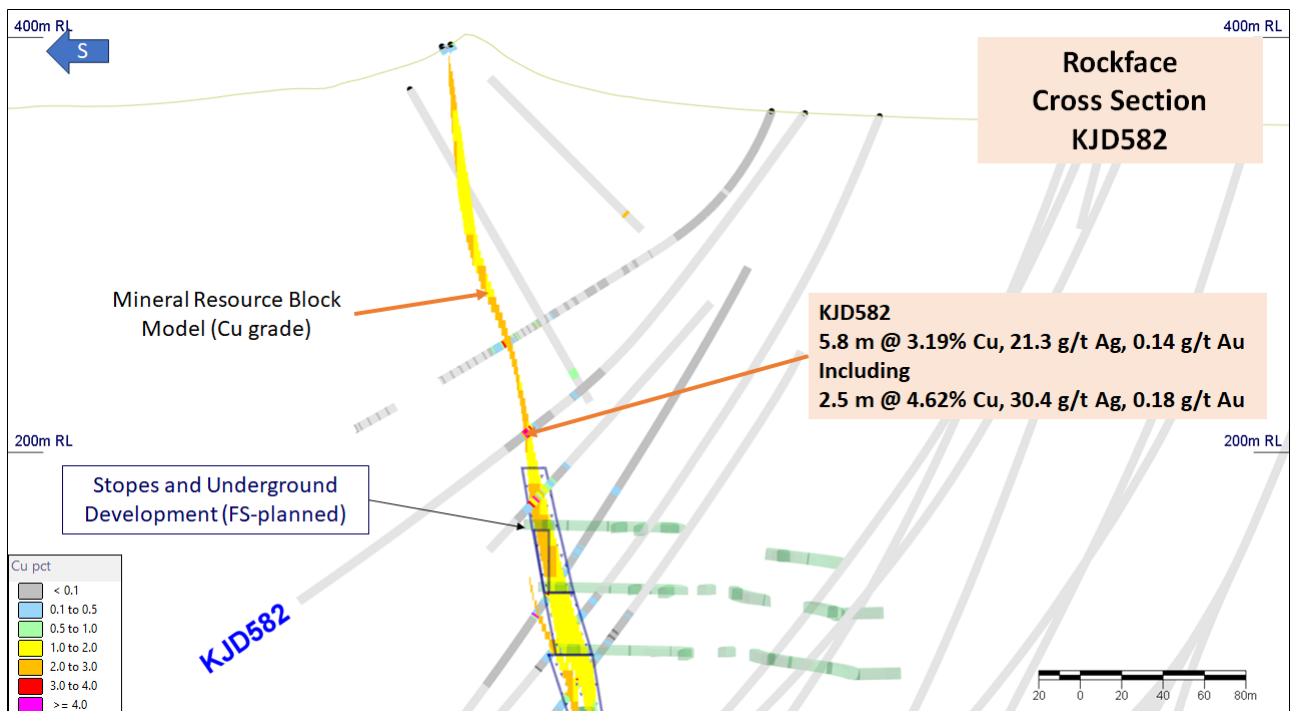


Figure 3 Cross section of KJD582 At Rockface, which show the position of the strong high-grade copper intercept above the currently planned extent of stoping

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### Reward

The 10 drill holes discussed in this report are part of a program designed to improve and enhance mineral resources. The primary objective is to reclassify a significant portion of the shallow mineralisation at the Reward site into the JORC "Measured" category. Although the drilling for the planned program has recently concluded, assay results for an additional 13 holes beyond the 10 reported here are still pending.

The primary focus has been in and around the Reward open pit (refer to Figure 4), where all 10 reported drill holes intersected copper mineralisation (see **Table 3**). These findings closely align with the predictions derived from the existing deposit model. The drilling initiatives specifically target areas with low data density, addressing concerns related to the reliability of data from earlier drill holes predating KGL's involvement.

Figure 5, depicts a cross-section of KJD586 and KJD588. Notably, this cross-section showcases broad copper intercept that demonstrates consistency in both grade and geometry, in line with the current (as of 2022) mineral resource block model.



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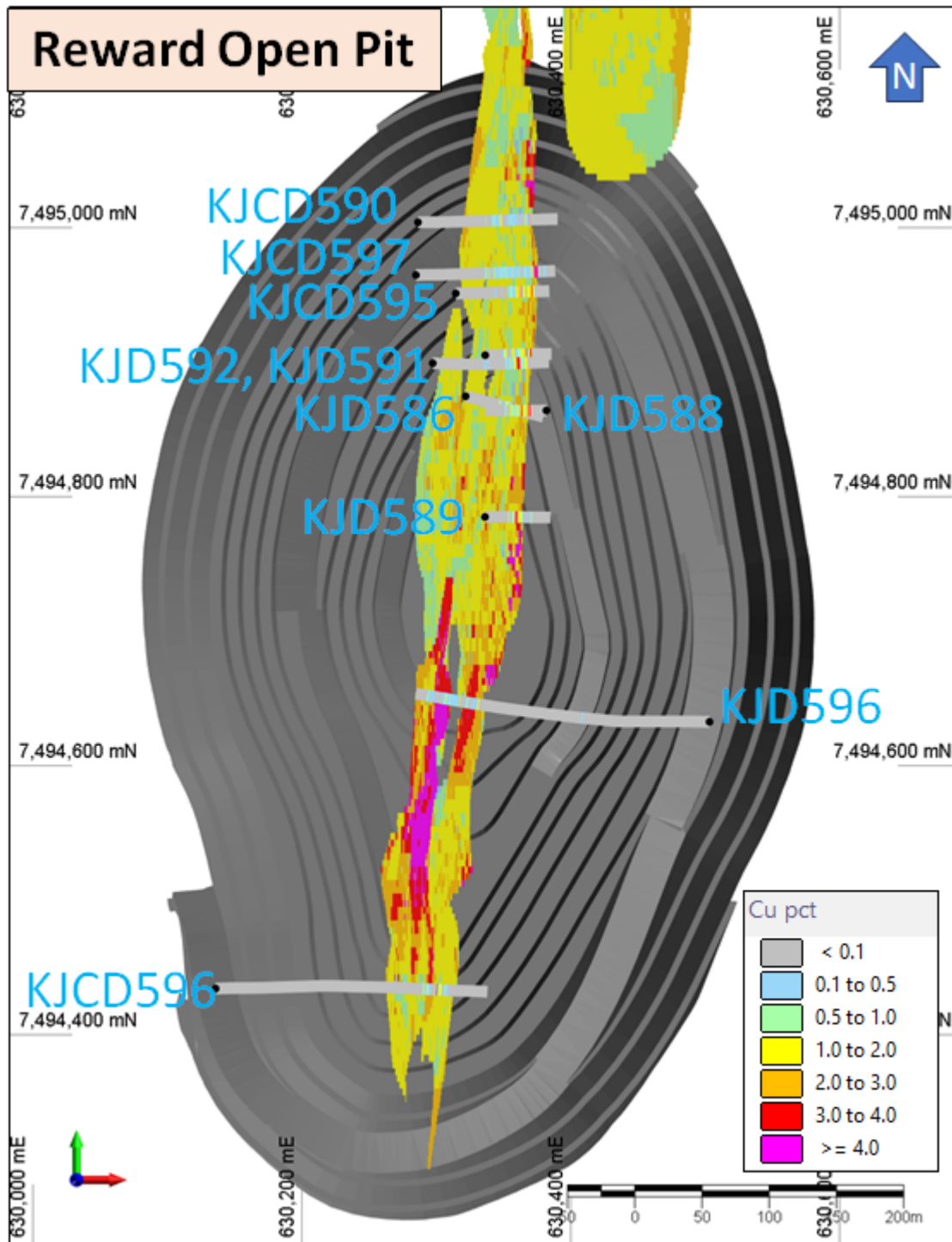


Figure 4 Plan view of the Reward planned open pit showing the reported drill holes and the Reward mineral resource block model.

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Hole_ID	Depth_From m	Depth_To m	Downhole Thickness m	Estimated True Thickness m	Cu %	Ag g/t	Au g/t	Pb %	Zn %	Lode
KJD584	329.30	330.57	1.27	0.7	1.74	8.4	0.23	0.02	0.04	Reward
	352.40	353.25	0.85	0.5	2.32	10.6	0.13	0.09	0.15	
	368.55	369.30	0.75	0.4	1.18	12.9	0.16	0.17	0.23	
KJD586	48.29	51.00	2.71	1.3	0.67	4.3	0.01	0.06	0.05	Reward
	57.30	84.68	27.38	13.6	2.00	25.3	0.29	0.12	0.19	
incl.	71.00	82.51	11.51	5.7	3.35	35.8	0.47	0.18	0.30	
KJD588	17.00	42.76	25.76	14.8	1.55	18.2	0.32	0.10	0.11	Reward
incl.	18.00	21.70	3.70	2.1	3.53	30.7	0.69	0.19	0.08	
KJD589	30.53	31.28	0.75	0.5	1.83	20.3	0.11	0.21	0.06	Reward
	34.70	48.40	13.70	10.0	1.87	93.6	0.89	0.74	0.36	
incl.	35.80	38.39	2.59	1.9	0.79	37.4	2.74	0.30	0.07	
and incl.	38.39	42.40	4.01	2.9	3.86	143.2	0.76	1.12	0.79	
	59.20	60.28	1.08	0.8	0.58	3.0	0.04	0.01	0.05	
KJD590	84.00	84.64	0.64	0.4	0.63	10.1	0.17	0.14	0.34	Reward
	93.00	94.00	1.00	0.7	0.59	4.3	0.15	0.02	0.08	
	101.50	103.15	1.65	1.1	1.45	18.5	0.72	0.03	0.05	
	131.40	132.30	0.90	0.6	1.51	9.8	0.17	0.12	0.39	
	136.30	138.62	2.32	1.4	1.88	349.5	0.41	5.20	2.35	
incl.	137.30	137.86	0.56	0.3	5.34	276.0	0.31	3.97	3.70	
KJD591	23.00	25.75	2.75	2.2	1.11	29.4	0.18	0.32	0.07	Reward
	31.60	56.00	24.40	19.3	1.28	16.8	0.35	0.07	0.09	
incl.	48.71	55.00	6.29	5.0	1.98	25.7	0.46	0.10	0.09	
KJD592	87.28	88.00	0.72	0.5	0.57	5.3	0.08	0.12	0.41	Reward
	92.05	92.82	0.77	0.6	1.35	6.4	0.20	0.01	0.12	
	95.70	110.65	14.95	11.3	1.54	28.8	0.44	0.11	0.18	
incl.	99.40	102.70	3.30	2.5	3.64	35.3	1.00	0.02	0.08	
KJD595	56.55	58.46	1.91	1.6	1.17	11.9	0.39	0.05	0.24	Reward
	61.80	63.90	2.10	1.8	0.73	7.6	0.27	0.08	0.24	
	67.90	88.27	20.37	17.1	1.72	29.5	0.45	0.16	1.14	
incl.	73.62	74.52	0.90	0.8	4.70	52.2	5.03	0.18	0.63	
KJCD596	315.20	316.00	0.80	0.7	1.38	9.0	0.09	0.23	0.03	Reward
	326.94	327.54	0.60	0.5	2.58	14.0	0.43	0.02	0.12	
	330.21	335.54	5.33	4.6	1.45	12.9	0.07	0.07	0.08	
incl.	330.21	331.00	0.79	0.7	3.61	16.9	0.08	0.09	0.14	
KJD597	94.77	146.46	51.69	36.1	0.69	45.7	0.19	0.91	0.84	Reward
	incl.	141.85	146.46	4.61	3.3	4.02	244.6	0.40	6.48	

Table 3: Mineralised intersections in recent Reward drilling

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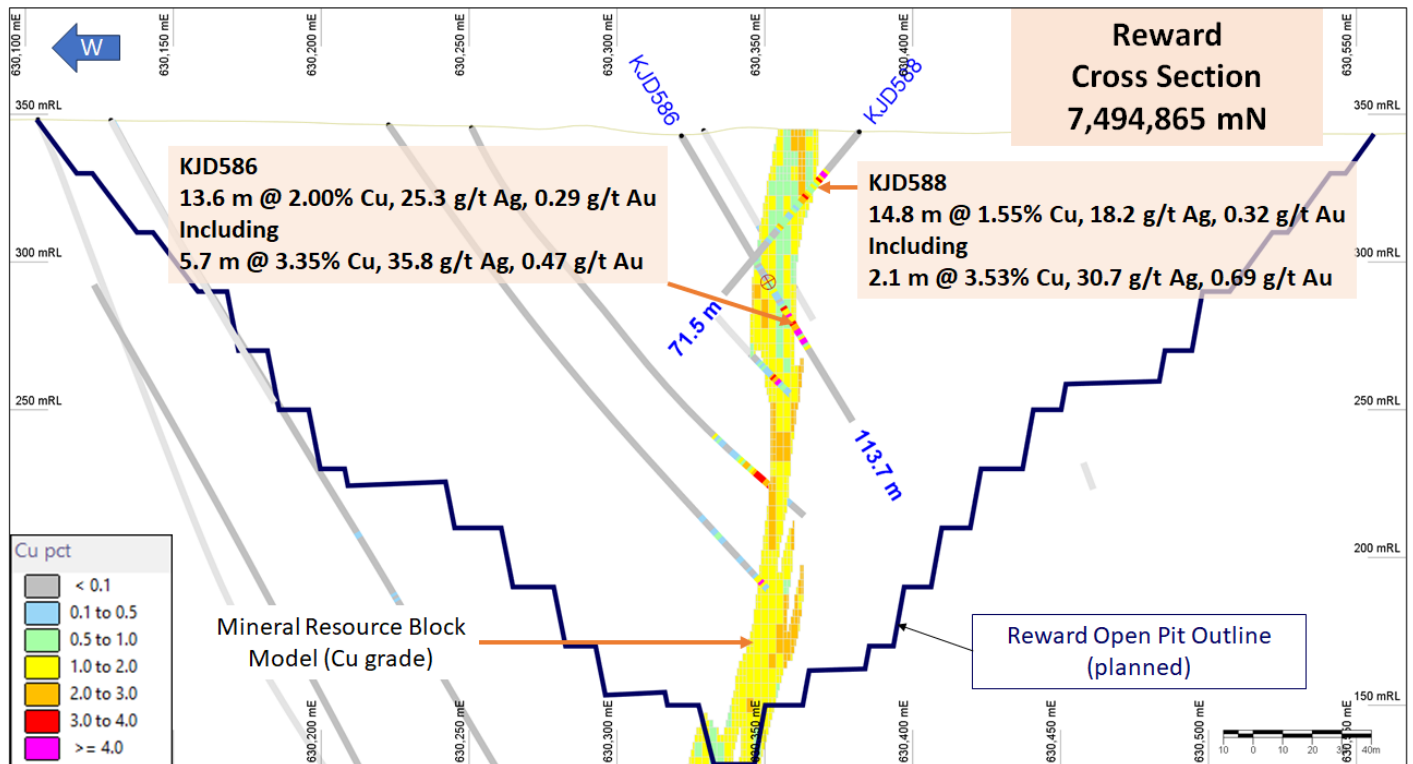


Figure 5 Cross section showing the wide copper intersection in KJD586 and KJD588 demonstrating consistency with the mineral resource block model.

Executive Chairman of KGL Resources, Mr. Denis Wood, commented,

"I am pleased with the significant advancements in our mineral resource development efforts, particularly at the Reward and Rockface prospects. Our targeted drilling program, with a focus on achieving the JORC Measured category, has yielded promising results, reinforcing our commitment to enhancing resource categorisation and strategically expanding our mine plans.

The utilisation of two diamond rigs underscores our dedication to precision and efficiency. We eagerly anticipate the pending assay results for 21 holes, which will further contribute to our comprehensive understanding of these prospects. Furthermore, our exploration endeavours at Rockface, revealing high-grade copper zones, demonstrate our strategic approach to refining and expanding mineralisation. At Reward, our program aims to reclassify substantial portions of shallow mineralisation, and these 10 newly reported holes already align closely with predictions.

The success observed in our recent drilling initiatives reflects our ongoing commitment to maximising the potential of these valuable Jervois project resources. We look forward to the upcoming phases of our campaign and the continued growth and optimisation of our mineral assets."

This announcement has been approved by the directors of KGL Resources Limited.



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### JORC Code, 2012 Edition – Table

## 1.1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>At Reward diamond drilling and reverse circulation (RC) drilling were used to obtain samples for geological logging and assaying. The core samples comprised a mixture of sawn HQ quarter core, sawn NQ half core and possibly BQ half core (historical drilling only). Sample lengths are generally 1m, but at times length were adjusted to take into account geological variations. RC sample intervals are predominantly 1m intervals with some 2 and 4m compositing (historical holes only)..</li> <li>RC samples are routinely scanned by KGL Resources with a Niton XRF. Samples assaying greater than 0.1% Cu, Pb or Zn are submitted for analysis at a commercial laboratory.</li> <li>Mineralisation at all deposits is characterised by disseminations, veinlets and large masses of chalcopyrite, associated with magnetite-rich alteration within a psammite. The mineralisation has textures indicative of structural emplacement within specific strata i.e. the mineral appears stratabound.</li> <li>Documentation of the historical drilling (pre-2011) for Reward is variable.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>The KGL and previous Jinka-Minerals RC drilling was conducted using a reverse circulation rig with a 5.25-inch face-sampling bit. Diamond drilling was either in NQ2 or HQ3 drill diameters. Metallurgical diamond drilling (JMET holes) were PQ</li> <li>There is no documentation for the historic drilling techniques.</li> <li>Diamond drilling was generally cored from surface with some of the deeper holes at Rockface and Reward utilising RC pre-collars.</li> <li>Oriented core has been measured for the recent KGL drilling.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The KGL RC samples were not weighed on a regular basis but when completed no sample recovery issues were encountered during the drilling program.</li> <li>Jinka Minerals and KGL split the rare overweight samples (&gt;3kg) for assay. Since overweight samples were rarely reported no sample bias was established</li> </ul>

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Criteria	JORC Code explanation	Commentary
		<p>between sample recovery and grade.</p> <ul style="list-style-type: none"> <li>Core recovery for recent drilling is &gt;95% with the mineral zones having virtually 100% recovery.</li> <li>No evidence has been found for any relationship between sample recovery and copper grade and there are no biases in the sampling with respect to copper grade and recovery.</li> </ul>
Logging	<ul style="list-style-type: none"> <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> <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>	<ul style="list-style-type: none"> <li>All KGL RC and diamond core samples are geologically logged. Logging in conjunction with multi-element assays is appropriate for mineral resource estimation.</li> <li>Core samples are also orientated and logged for geotechnical information.</li> <li>All logging has been converted to quantitative and qualitative codes in the KGL Access database.</li> <li>All relevant intersections were logged.</li> <li>Paper logs existed for the historical drilling. There is very little historical core available for inspection.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <li>The following describes the recent KGL sampling and assaying process: <ul style="list-style-type: none"> <li>RC drill holes are sampled at 1m intervals and split using a cone splitter attached to the cyclone to generate a split of ~3kg;</li> <li>RC sample splits (~3kg) are pulverised to 85% passing 75 microns.</li> <li>Diamond core was quartered with a diamond saw and generally sampled at 1m intervals with samples lengths adjusted at geological contacts;</li> <li>Diamond core samples are crushed to 70% passing 2mm and then pulverised to 85% passing 75 microns.</li> <li>Two quarter core field duplicates were taken for every 20m samples by Jinka Minerals and KGL Resources.</li> <li>All sampling methods and sample sizes are deemed appropriate for mineral resource estimation</li> </ul> </li> <li>Details for the historical sampling are not available.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>The KGL drilling has QAQC data that includes standards, duplicates and laboratory checks. In ore zones standards are added at a ratio of 1:10 and duplicates and blanks 1:20.</li> <li>Base metal samples are assayed using a four-acid digest with an ICP AES finish. Gold samples are assayed by Aqua Regia with an ICP MS finish. Samples over 1ppm Au are re-assayed by Fire Assay</li> </ul>

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Criteria	JORC Code explanation	Commentary
	<i>have been established.</i>	<p>with an AAS finish.</p> <ul style="list-style-type: none"> <li>There are no details of the historic drill sample assaying or any QAQC.</li> <li>All assay methods were deemed appropriate at the time of undertaking.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Data is validated on entry into the MS Access database, using Database check queries and Maxwell's DataShed.</li> <li>Further validation is conducted when data is imported into Micromine and Leapfrog Geo software</li> <li>Hole twinning was occasionally conducted at Reward with mixed results. This may be due to inaccuracies with historic hole locations rather than mineral continuity issues.</li> <li>For the resource estimation below detection values were converted to half the lower detection limit.</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>For the KGL drilling surface collar surveys were picked up using a Trimble DGPS, with accuracy to 1 cm or better.</li> <li>Downhole surveys were taken during drilling with a Ranger or Reflex survey tool at 30m intervals</li> <li>All drilling by Jinka Minerals and KGL is referenced on the MGA 94 Zone 53 grid. All downhole magnetic surveys were converted to MGA 94 grid.</li> <li>For Reward there are concerns about the accuracy of some of the historic drillhole collars. There are virtually no preserved historic collars for checking.</li> <li>There is no documentation for the downhole survey method for the historic drilling.</li> <li>Topography was mapped using Trimble DGPS and LIDAR</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>Drilling at Rockface was on nominal 50m centres with downhole sampling on 1m intervals.</li> <li>Drilling at Reward was on 25m spaced sections in the upper part of the mineralisation extending to 50m centres with depth and ultimately reaching 100m spacing on the periphery of mineralisation.</li> <li>For Reward shallow oxide RC drilling was conducted on 80m spaced traverses with holes 10m apart.</li> <li>The drill spacing for all areas is appropriate for resource estimation and the relevant classifications applied.</li> <li>A small amount of sample compositing has been applied to some of the near surface historic drilling.</li> </ul>

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Criteria	JORC Code explanation	Commentary
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Holes were drilled perpendicular to the strike of the mineralisation; the default angle is -60 degrees, but holes vary from -45 to -80.</li> <li>Drilling orientations are considered appropriate and no obvious sampling bias was detected.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Samples were stored in sealed polyweave bags on site and transported to the laboratory at regular intervals by KGL staff or a transport contractor.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>The sampling techniques are regularly reviewed internally and by external consultants.</li> </ul>

## 1.2 Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The Jervois Project is within EL25429 and EL28082 100% owned by Jinka Minerals and operated by Kentor Minerals (NT), both wholly owned subsidiaries of KGL Resources.</li> <li>The Jervois Project is covered by Mineral Claims and an Exploration licence owned by KGL Resources subsidiary Jinka Minerals.</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Previous exploration has primarily been conducted by Reward Minerals, MIM and Plenty River.</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>EL25429 and EL28082 lie on the Huckitta 1: 250 000 map sheet (SF 53-11). The tenement is located mainly within the Palaeo-Proterozoic Bonya Schist on the northeastern boundary of the Arunta Orogenic Domain. The Arunta Orogenic Domain in the north western part of the tenement is overlain unconformably by Neo-Proterozoic sediments of the Georgina Basin.</li> <li>The stratabound mineralisation for the project consists of a series of complex, narrow, structurally controlled, sub-vertical sulphide/magnetite-rich deposits hosted by Proterozoic-aged, amphibolite grade metamorphosed sediments of the Arunta Inlier.</li> <li>Mineralisation is characterised by veinlets and disseminations of chalcopyrite in association with magnetite. In the oxide zone which is vertically limited malachite, azurite, chalcocite are the main Cu-minerals.</li> <li>Massive to semi-massive galena in association with sphalerite occur locally in high grade lenses of limited extent with oxide equivalents including cerussite and anglesite in the oxide zone. Generally, these lenses are associated with more carbonate-rich host rocks occurring at</li> </ul>



# ASX Announcement

## Strong Infill Drilling Results at Reward and Rockface in 14 Holes

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[kgresources.com.au](http://kgresources.com.au)

Criteria	JORC Code explanation	Commentary
		<i>Green Parrot, Reward and Bellbird North.</i>
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <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:               <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <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> </ul> </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>	For mineralised intercept depths please see tables in the body of the report
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>Minimum grade truncation 0.5%Cu for intercepts above 200m RL</li> <li>Minimum grade truncation 1.0%Cu for intercepts below 200m RL</li> <li>Aggregate intercepts use length-weighting</li> <li>No top-cuts are applied nor considered necessary</li> <li>No metal equivalents are used</li> </ul>
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul style="list-style-type: none"> <li>In the main deposit areas, the geometry of the lodes is well known and is used to estimate true widths, which are quoted in the report</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Refer Figure 1 in the report</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Results for all holes are reported according to the Data Aggregation Methods stated above</li> </ul>
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Outcrop mapping of exploration targets using Real time DGPS.</li> <li>IP, Magnetics, Gravity, Downhole EM are all used for targeting</li> <li>Metallurgical studies are well advanced including recovery of the payable metals including Cu, Ag and Au.</li> <li>Deleterious elements such as Pb Zn Bi and F are modelled</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>The current report relates to infill and mineral resource confirmatory drilling and is ongoing</li> <li>Brownfields and greenfield drilling has also commenced</li> <li>Additional IP and DHEM surveys are planned</li> </ul>



# ASX Announcement

## Bellbird Deposit Mineral Resource Update



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### Competent Person Statement

The information in this announcement that relates to Exploration Results is based on data compiled by John Levings a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Levings is a consulting Geologist for the Company. Mr Levings has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which is being undertaking to qualify as a Competent Person as defined in the 2012 Edition of 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Levings consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.

### Forward Looking statements

This release includes certain forward-looking statements. The words "forecast", "estimate", "like", "anticipate", "project", "opinion", "should", "could", "may", "target" and other similar expressions are intended to identify forward looking statements. All statements, other than statements of historical fact, included herein, including without limitation, statements regarding forecast cash flows and potential mineralisation, resources and reserves, exploration results and future expansion plans and development objectives of KGL are forward-looking statements that involve various risks and uncertainties. Although every effort has been made to verify such forward-looking statements, there can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. You should therefore not place undue reliance on such forward-looking statements.

Statements regarding plans with respect to the Company's mineral properties may contain forward looking statements. Statements in relation to future matters can only be made where the Company has a reasonable basis for making those statements.