Further High-Grade Drill Results at KGL's Jervois Copper Project



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#### 28 July 2022

- Assay results of 23-hole drilling program received
- Significant copper intersection from Reward East (FW) Lode
  - KJCD533: 11.21m<sup>1</sup> @ 1.71% Cu, 20.3 g/t Ag from 329.7m
     And: 1.62m @ 4.86% Cu, 67.2 g/t Ag from 348.14m
- Reward (Marshall) Lode deep potential enhanced remains open at depth
  - **KJCD529**: **4.42m @ 2.21% Cu**, 19.9 g/t Ag, 0.14 g/t Au from 763.2m
- Bellbird Mineral Resource update drilling program completed
  - 16 reverse circulation (RC) holes for 2,801 metres assays awaited

KGL Resources Limited (**ASX: KGL**) (KGL or the Company) is pleased to report the final assay results from a recently completed 23-hole drilling program, testing brownfields targets within and nearby the Reward Deposit, at Jervois.

Drilling was carried out to test 4 target areas and each will be reported individually.

- 1. Reward Gap and East Lodes
- 2. Reward Marshall Deeps
- 3. Reward South (including Reward Silver)
- 4. Reward North

KGL Executive Chairman Denis Wood comments.

" The potential at depth for additional mineralisation at >2% copper and at minable thicknesses is clearly demonstrated by the drilling at Marshall Deeps, at the southern end of Reward. Hole KJCD529 will be included in the next phase of DHEM surveys which will help us design follow-up drilling.

"The now-completed RC drilling program at Bellbird was necessary to improve the ratio of Indicated to Inferred mineral resources, which is expected to result in an increase in ore reserves contained within the proposed open pit design. Assaying of these samples is prioritised and an updated Bellbird mineral resource and ore reserve estimates will follow."

<sup>&</sup>lt;sup>1</sup> All intersections reported are estimated true thicknesses unless otherwise specified

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#### Reward Gap and East Lodes

The 4 holes in this program were drilled to follow up on a previous intersection from the Reward Gap which had not been incorporated in the latest mineral resource model. A secondary aim was to increase the confidence in the Reward East Lodes, with drilling results confirming a high-grade intersection of copper:

KJCD533: 11.21m @ 1.71% Cu, 20.3 g/t Ag from 329.7m
 And: 1.62m @ 4.86% Cu, 67.2 g/t Ag from 348.15m

Hole_ID	Depth_From m	Depth_To m	Downhole Thickness m	Estimated True Thickness m	Cu %	Ag g/t	Au g/t	Pb %	Zn %	Target
KJD532	151.39	152.30	0.91	0.66	1.44	14.1	0.19	0.01	0.10	Reward Gap
	325.30	326.47	1.17	0.96	1.97	5.2	0.12	0.00	0.02	East Lode (FW)
KJCD533	309.40	310.60	1.20	0.80	1.02	6.0	0.02	0.01	0.06	East Lode (HW)
	329.70	343.30	13.60	11.21	1.71	20.3	0.13	0.02	0.06	East Lode (FW)
	348.15	350.12	1.97	1.62	4.86	67.2	0.16	0.05	0.15	East Lode (FW)
KJCD534	229.60	230.61	1.01	0.47	1.62	10.3	0.54	0.07	0.32	Reward Gap
	258.54	261.62	3.08	1.79	2.53	27.6	1.12	0.06	0.17	Reward Deeps Sth
	363.00	369.03	6.03	4.37	0.75	10.9	0.11	0.01	0.03	East Lode (FW)
	400.20	401.06	0.86	0.62	1.11	6.3	0.04	0.00	0.02	
KJCD535	134.26	135.38	1.12	0.86	0.11	12.5	0.01	1.86	0.91	Reward
	155.00	156.00	1.00	0.77	0.12	2.0	0.02	1.24	0.10	
	186.47	187.41	0.94	0.73	0.14	13.5	0.02	2.62	0.25	<b>Reward Deeps Sth</b>

The complete record of significant intersections from these 4 holes is reported in Table 1 below.

Table 1: Significant Intersections from the Reward Gap and Reward East Lodes

#### **Reward Marshall Deeps**

Two holes were drilled to test the depth potential of the Marshall Lode at Reward. The deepest hole, KJCD529 yielded the best results. The first mineralised interval corresponds with the downwards projection of the Marshall Lode:

• KJCD529: 4.59m @ 1.02% Cu, 8.8 g/t Ag, 0.07 g/t Au from 704.9m

The hole continued deeper to discover 2 new zones of mineralisation, with better grade, to the east of Marshall:

KJCD529: 3.65m @ 1.55% Cu, 17.7 g/t Ag, 0.11 g/t Au from 750.5m
 And: 4.42m @ 2.21% Cu, 19.9 g/t Ag, 0.14 g/t Au from 763.2m

The results of the two Marshall deeps holes are listed in Table 2 below. Note the intervals of gold mineralisation that occur separately to the main copper lodes in KJCD529.



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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	Target
	704.90	710.17	5.27	4.59	1.02	8.8	0.07	
	719.00	720.00	1.00	0.88	0.04	6.7	2.83	
KJCD529	737.17	738.40	1.23	1.11	0.05	1.4	1.13	Marshall Deeps
	750.50	754.50	4.00	3.65	1.55	17.7	0.11	
	763.20	768.00	4.80	4.42	2.21	19.9	0.14	
KJCD531	415.00	416.00	1.00	0.67	1.21	6.1	0.07	
	496.00	498.00	2.00	1.34	1.46	16.3	0.33	Marshall Deeps
	524.00	525.00	1.00	0.67	1.17	6.6	0.09	

Table 2: Significant Intersections from Reward Marshall Deeps

The results of KJCD529 are important as they demonstrate a continuity of the copper mineralisation at depth, in the southern part of Reward. The results enhance the prospectivity of the nearby IP and gravity anomalies at depth and to the south (Figure 1 and 2).

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Figure 2 Long projection of the Reward Deposit. Mineral Resource Block model depicted as a product of copper grade and thickness. IP inversion model shown as large pink-yellow blocks (warmer colours depict stronger IP chargeability). Recent results from KJCD529 enhance the prospectivity at depth and south of the Marshall Lode resource model.

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#### **Reward South (including Reward Silver)**

Eleven holes were drilled to test extensions of the Reward deposit along strike to the south at shallow to intermediate depth. The program was designed to intersect possible extensions of high-grade silver and polymetallic base metal mineralisation discovered and reported in 2020.

KJD520 and KJCD525 both intersected high-grade silver with attendant lead, zinc and copper sulphides.

- KJD520: 2.87m @ 0.48% Cu, 706.6 g/t Ag, 0.55 g/t Au, 1.75% Pb, 0.23% Zn from 180.46m
   And: 2.48m @ 0.61% Cu, 393.6 g/t Ag, 0.21 g/t Au, 6.61% Pb, 1.27% Zn from 194.0m
- KJD525: 1.59m @ 0.05% Cu, 164.5 g/t Ag, 0.03 g/t Au, 4.48% Pb, 6.46% Zn from 284.0m

These results coupled with the DHEM geophysics indicate limited potential of the high-grade silver shoot.

Copper results are generally low grade and/or narrow widths from this program (Table 3). Further drilling in this area is not currently proposed.

Hole_ID	Depth_From m	Depth_To m	Downhole Thickness m	Estimated True Thickness m	Cu %	Ag g/t	Au g/t	Pb %	Zn %	Target
KJCD512	410.60	411.41	0.81	0.70	3.42	15.3	0.18	0.03	0.06	Reward South
KJCD514	457.90	458.95	1.05	0.79	1.90	<mark>6.1</mark>	0.10	0.04	0.03	Reward South
KJCD515	169.73	173.10	3.37	1.93	0.50	4.9	0.04	0.05	0.07	Reward South
	175.00	176.00	1.00	0.57	0.67	<mark>8.</mark> 9	0.08	0.23	0.65	
	8.00	9.00	1.00	0.71	1.65	4.7	0.10	0.09	0.12	Poward South
NJUSTO	18.00	21.00	3.00	2.12	0.61	8.4	0.05	0.57	0.16	Reward South
KJD518	No signficant intersection						Reward South			
KJD520	33.00	37.00	4.00	1.37	0.53	33.8	0.07	3.20	0.30	Reward South
	180.46	187.00	<mark>6.</mark> 54	2.87	0.48	706.6	0.55	1.75	0.23	
	194.00	199.65	5.65	2.48	0.61	393.6	0.21	6.61	1.27	
KJD522	107.00	108.00	1.00	0.92	0.66	35.0	0.34	0.06	0.27	<b>Reward South</b>
KJD523	No signifcant intersection							Reward South		
	244.00	246.00	2.00	1.06	1.76	9.2	0.22	0.20	0.43	
KICDE2E	284.00	287.00	3.00	1.59	0.05	164.5	0.03	4.48	<mark>6.4</mark> 6	Poward South
KJCD222	284.00	285.00	1.00	0.53	0.00	226.0	0.04	7.55	<mark>6.5</mark> 5	Reward South
	285.94	287.00	1.06	0.56	0.05	232.4	0.04	5.28	11.87	
KJD526	130.00	131.00	1.00	0.63	1.34	9.6	0.18	0.06	0.11	Reward South
KJD528	No signifcant intersection							<b>Reward South</b>		

Table 3: Reward South significant intersections

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#### **Reward North**

Six drill holes were drilled to test extensions of the Reward deposit along strike to the north at shallow to intermediate depth. The targets were based on several historical copper intersections and some encouragement from the MIMDAS IP. The strong rationale of this program, and indeed the Reward South program, was their relative proximity the planned mining Reward operations. The results of the program are reported in Table 4 below. The drilling has confirmed the structure and orientation on the mineralisation and that the overall tenor is similar to the historical drilling. No additional drilling is currently proposed for this target.

Hole_ID	Depth_From m	Depth_To m	Downhole Thickness m	Estimated True Thickness m	Cu %	Ag g/t	Au g/t	Target
KJD517	154.88	156.00	1.12	0.75	0.52	2.7	0.01	<b>Reward North</b>
KJD519	35.00	39.00	4.00	2.29	0.92	28.6	0.05	Reward North
	181.00	184.00	3.00	1.72	1.39	<mark>9.</mark> 5	0.07	
KJD521	186.49	187.46	0.97	0.65	1.53	5.8	0.07	Reward North
KJD524	243.48	246.80	3.32	1.76	1.84	8.3	0.03	Reward North
KJD527	253.00	254.00	1.00	0.42	1.02	3.6	0.04	Reward North
KJC530	KJC530 No signifcant intersection							

Table 4: Reward North significant intersections

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



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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 BSc, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Levings is Principal 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.



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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> <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> <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> <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> <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 precollars.</li> <li>Oriented core has been measured for the recent KGL drilling.</li> </ul>
Drill sample recovery	<ul> <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> <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 between sample recovery and grade.</li> </ul>



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Criteria	JORC Code explanation	Commentary
		<ul> <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> <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> <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> <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> <li>The following describes the recent KGL sampling and assaying process:         <ul> <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 pulverized 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 pulverized 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> </ul>
Quality of assay data and laboratory tests	<ul> <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 have been established.</li> </ul>	<ul> <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 with an AAS finish.</li> <li>There are no details of the historic drill sample assaying or any QAQC</li> </ul>





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Criteria	JORC Code explanation	Commentary
		All assay methods were deemed appropriate at the time of undertaking.
Verification of sampling and assaying	<ul> <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> <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> <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> <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> <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> <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>
Orientation of data in relation to geological structure	<ul> <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</li> </ul>	<ul> <li>Holes were drilled perpendicular to the strike of the mineralization; the default angle is -60 degrees, but holes vary from - 45 to -80.</li> </ul>



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Criteria	JORC Code explanation	Commentary
	orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	<ul> <li>Drilling orientations are considered appropriate and no obvious sampling bias was detected.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <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>
Audits or reviews	<ul> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul> <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 JC	DRC Code explanation	Commentary
Mineral tenement • and land tenure status •	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	<ul> <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>
Exploration done • by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Previous exploration has primarily been conducted by Reward Minerals, MIM and Plenty River.</li> </ul>
Geology •	Deposit type, geological setting and style of mineralisation.	<ul> <li>EL25429 and EL28082 lie on the Huckitta         <ol> <li>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>             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.</ol></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.             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             Green Parrot. Reward and Bellbird North. </ul>



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Criteria	JORC Code explanation	Commentary
Drill hole	• A summary of all information material to the understanding of	Hole_ID Depth Grid E Grid N RL AZ Grid Dip
Information	the exploration results including a tabulation of the following	KJCD512 466.0 629963.0 7494263.0 350.3 90.1 -50.8
	information for all Material drill holes:	KJCD515 237.6 630169.9 7494278.3 350.5 91.1 -58.4
	<ul> <li>easting and northing of the drill hole collar</li> </ul>	KJD516 156.5 630223.0 7494132.8 360.9 89.1 -49.1
	<ul> <li>elevation or RL (Reduced Level – elevation above sea</li> </ul>	KJD517 259.7 630619.1 7496270.4 349.7 90.0 -57.3
	level in metres) of the drill hole collar	KID518         207.3         630223.0         7494133.0         500.9         90.4         -64.7           KID519         243.0         630619.1         7496270.0         349.7         92.1         -64.8
	<ul> <li>dip and azimuth of the hole</li> </ul>	KJD520 273.9 630223.0 7494133.0 360.9 91.6 -71.6
	<ul> <li>down hole length and interception depth</li> </ul>	KJD521         252.1         630600.3         7496330.0         349.7         90.6         -60.3           KJD523         145.4         630237.5         740410.0         360.1         00.3         53.1
	<ul> <li>hole length.</li> </ul>	KJD522         165.4         650257.5         7494192.0         500.1         90.5         -55.1           KJD523         186.5         630237.5         7494192.0         360.1         88.3         -69.0
	• If the exclusion of this information is justified on the basis that	KJD524 288.0 630622.0 7496380.0 348.2 90.0 -65.0
	the information is not Material and this exclusion does not	KJCD525 328.0 630179.7 7494256.0 353.6 95.0 -72.8
	detract from the understanding of the report, the Competent	KJD526 207.4 630215.6 7494314.0 353.7 90.7 -64.6 KID527 360.4 630622.9 7496424.3 347.3 89.5 -69.3
	Person should clearly explain why this is the case.	KJD528         279.6         630215.6         7494314.0         353.7         92.3         -75.2
		KJCD529 802.0 629959.7 7494494.7 348.8 87.5 -72.4
		KJD530 309.6 630588.0 7496204.7 351.6 92.3 -64.7 KJCD531 555.6 630560.4 7494394.3 348.9 270.7 -66.3
		KJD532 382.3 630283.4 7495229.6 351.7 90.8 -66.0
		KJCD533 414.7 630285.9 7495263.8 351.5 89.9 -64.6
		KJCD534 468.8 630257.5 7495309.6 350.1 92.7 -64.9
		KJCD535         359.9         630277.4         7495332.0         350.6         90.7         -58.2
		To mineralised intercept depths please see
		ables in the body of the report
Data aggregation	<ul> <li>In reporting Exploration Results, weighting averaging</li> </ul>	<ul> <li>Minimum grade truncation 0.5%Cu for</li> </ul>
methods	techniques, maximum and/or minimum grade truncations (eg	intercepts above 200m RL
	cutting of high grades) and cut-off grades are usually Material	<ul> <li>Minimum grade truncation 1.0%Cu for</li> </ul>
	and should be stated.	intercepts below 200m RL
	Where aggregate intercepts incorporate short lengths of high	Aggregate intercepts use length-weighting
	grade results and longer lengths of low grade results, the	No top-cuts are applied nor considered
	procedure used for such aggregation should be stated and	necessarv
	some typical examples of such aggregations should be	No metal equivalents are used
	shown in detail.	
	<ul> <li>The assumptions used for any reporting of metal equivalent</li> </ul>	
	values should be clearly stated.	
Relationship	These relationships are particularly important in the reporting	<ul> <li>In the main deposit areas, the geometry of</li> </ul>
hetween	of Exploration Results	the lodes is well known and is used to
minorolization	<ul> <li>If the geometry of the mineralisation with respect to the drill</li> </ul>	estimate true widths, which are quoted in
	hole angle is known, its nature should be reported	the report
widths and	If it is not known and only the down hole lengths are reported.	
intercept lengths	<ul> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eq. 'down hole)</li> </ul>	
	longth true width not known')	
Diagrama	length, the wath hot known).	Defen Finner 4 in the new set
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations</li> </ul>	Refer Figure 1 in the report
	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.	
Balanced	<ul> <li>Where comprehensive reporting of all Exploration Results is</li> </ul>	<ul> <li>Results for all holes are reported according</li> </ul>
reporting	not practicable, representative reporting of both low and high	to the Data Aggregation Methods stated
	grades and/or widths should be practiced to avoid misleading	above
	reporting of Exploration Results.	
Other substantive	• Other exploration data, if meaningful and material, should be	Outcrop mapping of exploration targets
exploration data	reported including (but not limited to): geological	using Real time DGPS.
	observations; geophysical survey results; geochemical	IP, Magnetics, Gravity. Downhole EM are
	survey results; bulk samples – size and method of treatment:	all used for targeting
	metallurgical test results: bulk density. groundwater	Metallurgical studies are well advanced
	geotechnical and rock characteristics: potential deleterious or	including recovery of the payable metals
	contaminating substances.	including Cu. Ag and Au
		Deleterious elements such as Dh Zn Di and
		F are modelled
Eurthermort	The netwo and cools of slaves of further way to start f	
r-unther work	Ine nature and scale of planned further work (eg tests for	I ne current report relates to infill and
	lateral extensions or depth extensions or large-scale step-out	mineral resource confirmatory drilling and
	arilling).	is ongoing
	Diagrams clearly highlighting the areas of possible	Brownfields and greenfield drilling has also
	extensions, including the main geological interpretations and	commenced
	extensions, including the main geological interpretations and future drilling areas, provided this information is not	<ul> <li>Additional IP and DHEM surveys are</li> </ul>