

29 May 2014

Increased gold grades and extension of mineralised zone

Highlights

- **Gold grades increasing in northern part of Marshall-Reward Deposit**
 - Hole RJ237W1 25m @ 1.74% Cu, 35.9g/t Ag, 0.82g/t Au from 518 m
 - Including 8m @ 3.96% Cu, 82.2g/t Ag, 2.38g/t Au from 531 m
 - Hole KJCD074 12m @ 1.1% Cu, 15.8g/t Ag, 0.63g/t Au from 271 m
- **Good intercepts extend the East Reward mineralized zone**
 - KJCD074 3m @ 3.03% Cu, 37.4g/t Ag, 0.22g/t Au from 90 m and
 - KJCD065 2m @ 1.98% Cu, 10.2g/t Ag, 0.05g/t Au from 473 m
- **Resource update to include results from East Reward**
- **RC drilling to test potential open pitable resource is ahead of schedule**

Recent drilling at Reward indicates that the best copper mineralisation at depth is at the northern end of the deposit. Not only are there higher copper grades often associated with high silver grades, the gold grades are typically much higher than the rest of the Reward ore body. Hole RJ237W1 intersected a 25m interval averaging 0.82g/t Au that included 1m gold assays of up to 5.08g/t Au. This gold grade is of a similar tenor to that intercepted in RJ169 (72m @ 3.27% Cu, 51.3g/t Ag, 1.16g/t Au from 414m) that sits 50m to the north. Hole KJCD074, located over 300m to the north and up dip averaged 0.63g/t gold over a 12 metre mineralised interval. This is similar to the gold values in the high grade zones of holes KJCD043 (7m @ 1.36% Cu, 0.14% Pb, 0.12% Zn, 25g/t Ag, 0.53g/t Au from 413 m) and KJCD058 (7m @ 2.04% Cu, 0.23% Pb, 0.09% Zn, 42.2g/t Ag, 0.59g/t Au from 293 m) also at the northern end of Reward.

Copper mineralisation has been recorded in most holes drilled at Reward with massive and semi massive sulphide mineralisation logged in holes KJCD051, KJCD075 and KJCD090 that await processing and assaying. With the new drilling included, the resource is likely to extend down to a consistent depth of 500m and will be extended north by 300m.

The resource update due for completion in August will for the first time include the East Reward lode. Drilling over the last few months indicates that East Reward may pinch out to the south but it remains open to the north and down dip with a high grade core that extends for over 300m and remains open to the north and south.

The diamond drilling program will conclude this week and priority will be given to processing the remaining 5,000m of core to ensure all results are available for the resource update.

The 10,000m oxide RC drilling program that commenced earlier this month is running ahead of schedule with the RC drilling crew achieving up to 450m per shift. This program is now forecast to be completed within the next two weeks. This drilling is testing the potential open pitable resource within the top 80-100m to firm up the oxidation boundaries and help with open pit designs.

In the central part of the Reward and Bellbird deposits the oxide copper mineralisation is up to 30m wide and often comprises of several distinct steeply dipping zones. The oxidation is on average 25-35m deep with a transition zone of indeterminate depth overlying fresh rock with sulphide. Testwork conducted on the oxide material has been very encouraging and demonstrated good percolation and metal recoveries in heap leach column testwork.

Over 5,000 samples from RC drilling will be despatched to the assay laboratory over the next week, with the remaining samples to be submitted by the middle of June at the completion of drilling. Results are anticipated to be available in the next 2-3 weeks.

Table 1 Table of significant results

Hole ID	Easting (m)	Northing (m)	RL (m)	Dip	Azimuth	BOX ¹ (m)	Total Depth (m)	From (m)	To (m)	Interval (m)	ETW ² (m)	Cu %	Pb %	Zn %	Ag g/t	Au g/t
RJ237W1	630073.0	7495319.5	348.09	-41	92	24	688	471	473	2	1.3	0.76	0.03	0.07	6.6	0.02
								489	490	1	0.7	0.05	0.53	0.86	6.8	0
								518	543	25	17	1.74	0.17	0.07	35.9	0.82
								531	539	8	5.6	3.96	0.3	0.03	82.2	2.38
								583	585	2	1.4	0.75	0.01	0.14	6.2	0.04
KJC039	630401.4	7494405.0	354.44	-51	281	27	256	16	25	9	4.0	0.51	0.02	0.01	1.6	0.02
								27	28	1	0.4	0.57	0	0.01	0	0.01
								45	48	3	1.3	1.43	0.01	0.03	1.4	0.02
								228	235	7	4.4	0.8	0.08	0.15	7.9	0.04
								228	231	3	1.9	1.21	0.11	0.21	11.8	0.02
KJC059	630314.0	7494389.6	357.11	-45	305	38	144	47	48	1	0.6	0.96	0.44	0.4	23.5	0.08
KJC063	630408.0	7495698.3	357.10	-51	91	17	242	46	48	2	1.2	0.02	2.93	0.09	10.1	0.01
KJC064	630367.0	7495640.0	353.57	-55	103	8	319	243	249	6	3.4	1.48	0.01	0.11	14.6	0.16
KJCD030	630434.9	7494291.5	358.30	-54	282	46	401.3	87	91	4	1.9	0.67	0	0.03	2.9	0.01
								338	340	2	1.2	0.92	0.03	0.06	4.8	0.06
								360	361	1	0.6	0.63	0.01	0.05	2	0.08
								367	370	3	1.8	0.56	0.02	0.08	3.5	0.27
KJCD032	630093.5	7495200.0	347.20	-47	97	28	672.8	484	486	2	1.2	0.98	0.01	0.03	8.8	0.11
								497	499	2	1.2	0.99	0.03	0.07	7.6	0.10
								564	567	3	1.9	0.5	0.01	0.03	2.5	0.02
								581	582	1	0.6	2.43	0	0.02	15.1	0.04
KJCD036W1	630118.7	7494883.2	347.86	-64	85	29	667	209	210	1	0.5	0.55	.32	.91	18.3	0.47
								510	515	5	2.9	1.04	0.10	0.15	16.0	0.08
KJCD046	630482.8	7494649.8	346.21	-60	284	34	500.4	53	55	2	0.9	0.65	0.02	0.01	3.1	0.03
								370	372	2	0.9	1.18	0.02	0.04	2.6	0.08
								374	375	1	0.5	0.88	0.04	0.04	4.3	0.06
								377	383	6	2.9	1.09	0.02	0.05	3.5	0.16
								399	401	2	0.9	0.64	0.03	0.06	3.3	0.06
								402	403	1	0.5	0.96	0.04	0.01	5.4	0.06
								424	432	8	3.9	1.36	0.03	0.03	2.2	0.07
462	464	2	1.0	0.89	0.28	0.03	21.6	0.03								

Hole ID	Easting (m)	Northing (m)	RL (m)	Dip	Azimuth	BOX ¹ (m)	Total Depth (m)	From (m)	To (m)	Interval (m)	ETW ² (m)	Cu %	Pb %	Zn %	Ag g/t	Au g/t
KJCD050	630504.4	7494599.9	349.00	-58	308	36	536.5	183	184	1	0.4	1.55	0.02	0.02	4.9	0.09
								229	230	1	0.4	2.16	0.09	0.08	12.9	0.11
								482	493	11	5.7	0.92	0.04	0.04	6.2	0.10
								488	493	5	2.6	1.45	0.07	0.04	10.2	0.12
								509	510	1	0.5	0.94	0.06	0.15	5.6	0.05
KJCD060	630031.2	7494951.6	351.90	-47	94	27	672.8	533	546	13	8.7	0.97	0.38	0.05	4.4	0.03
								540	542	2	1.3	2.2	2.25	0.08	15.1	0.03
KJCD065	630157.8	7495100.0	349.00	-37	91	19	646	370	371	1	0.6	0.92	0.07	0.22	9.4	0.11
								373	378	5	3.0	1.50	0.05	0.13	10.9	0.12
								443	444	1	0.7	0.62	0.00	0.05	3.7	0.01
								473	475	2	1.4	1.98	0.01	0.17	10.2	0.05
KJCD066	630326.2	7495720.0	354.78	-26	101	8	520	279	280	1	0.6	1.79	0	0.14	16.9	0.04
KJCD069	630286.5	7495480.0	351.74	-52	264	40	213	204	206	2	1.3	0.31	1.02	0.07	7.1	0.12
								212	213	1	0.6	0.76	0.01	0.01	8.6	0.29
KJCD070	630355.9	7495560.0	355.32	-53	91	41	222	131	134	3	1.8	0.48	0.08	0.15	8.1	0.26
KJCD072	630316.6	7495365.0	353.20	-54	92	19	217	92	93	1	0.6	0.09	0.07	0.92	1.5	0
								97	100	3	1.8	0.4	1.06	0.17	18.2	0.03
								123	124	1	0.6	0.35	0.7	0.14	4.7	0.03
								136	137	1	0.6	0.03	1.37	0.21	3.2	0.01
								138	140	2	1.2	0.04	0.96	0.11	16	0.01
								155	157	2	1.2	1.84	0.02	0.08	13.2	0.30
KJCD074	630555.4	7495480.0	356.07	-57	293	31	380.3	12	23	11	5.0	0.86	0.01	0.05	9.8	0.01
								14	19	5	2.3	1.26	0.01	0.05	16.5	0.01
								36	37	1	0.5	0.72	0.01	0.03	4.2	0.02
								84	87	3	1.5	1.05	0	0.04	8.3	0.05
								90	93	3	1.5	3.03	0.06	0.3	37.4	0.22
								271	283	12	6.2	1.10	0.11	0.10	15.8	0.63
								286	288	2	1.0	1.17	0.09	0.21	19.3	0.14

¹Base of Oxidisation down hole depth ²Estimated true width

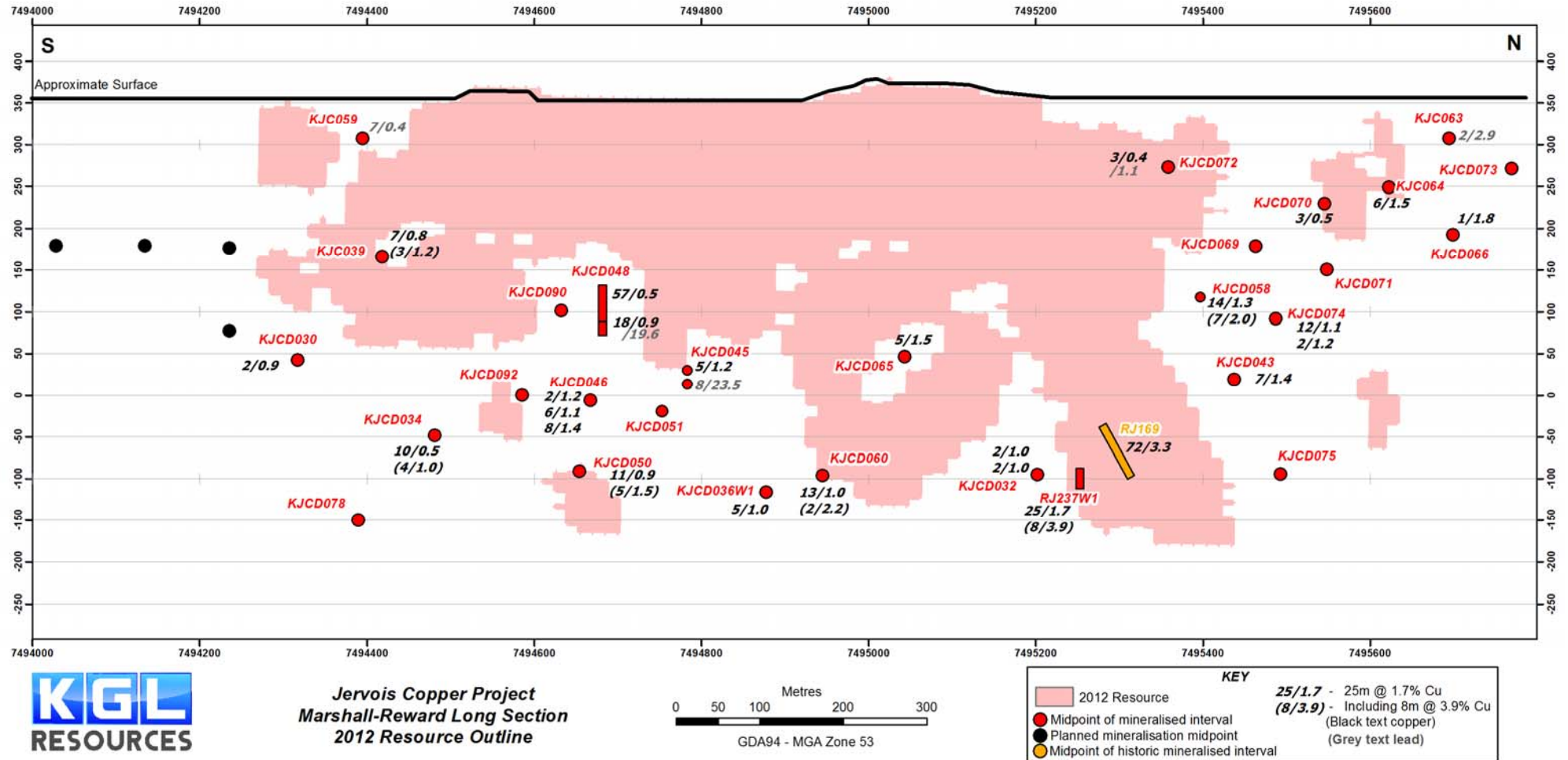


Figure 1 Marshall Reward Long Section with mineralisation pierce points for 2013/14 drilling

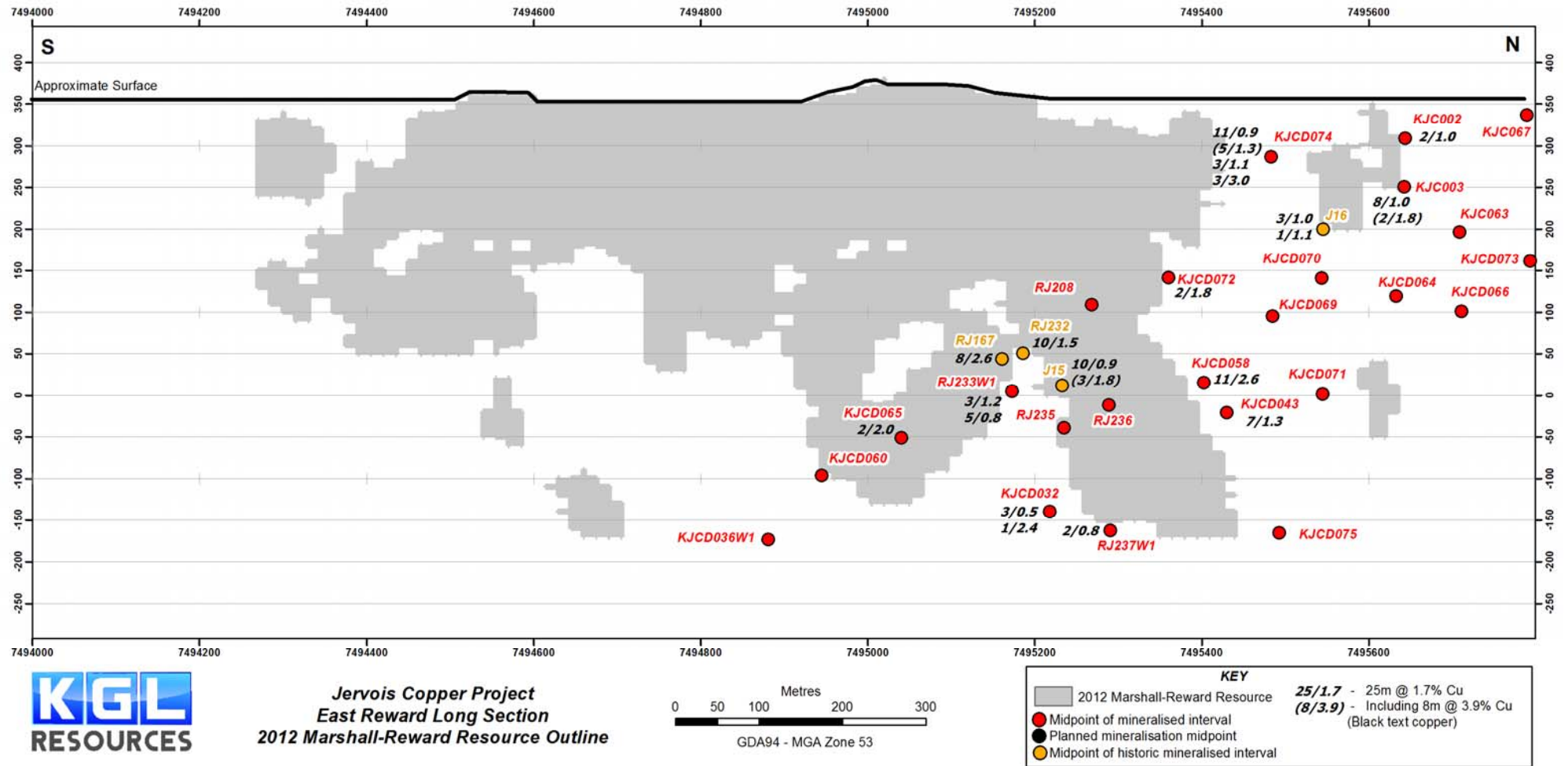
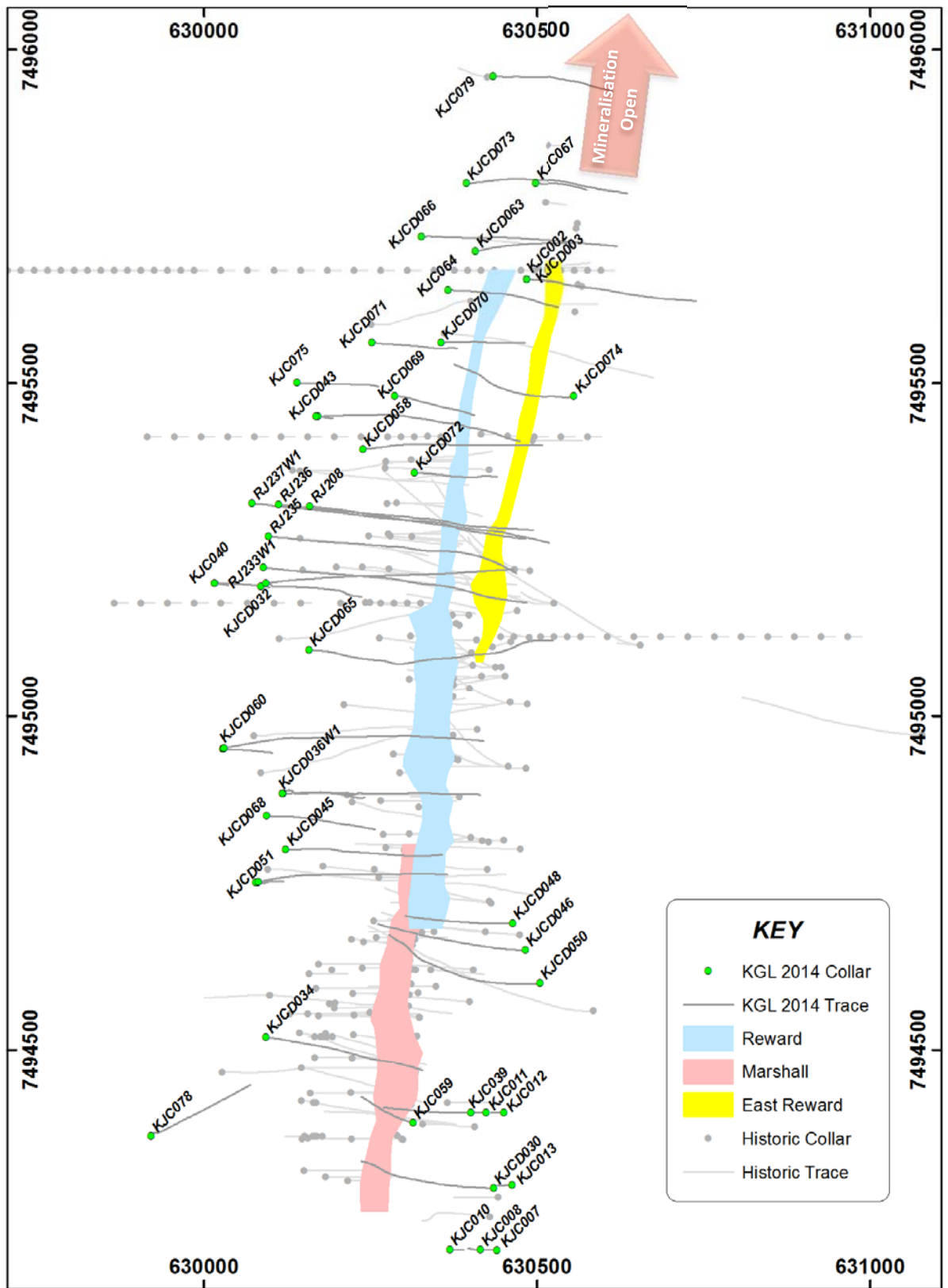


Figure 2 Figure 1 Marshall Reward Long Section with mineralisation pierce points for 2013/14 drilling



**JERVOIS COPPER PROJECT
MARSHALL REWARD DEPOSITS**

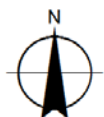
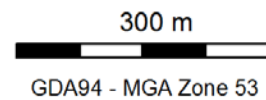


Figure 3 Plan of Marshall, Reward & East Reward mineralised wireframes, drill collar and drill hole trace

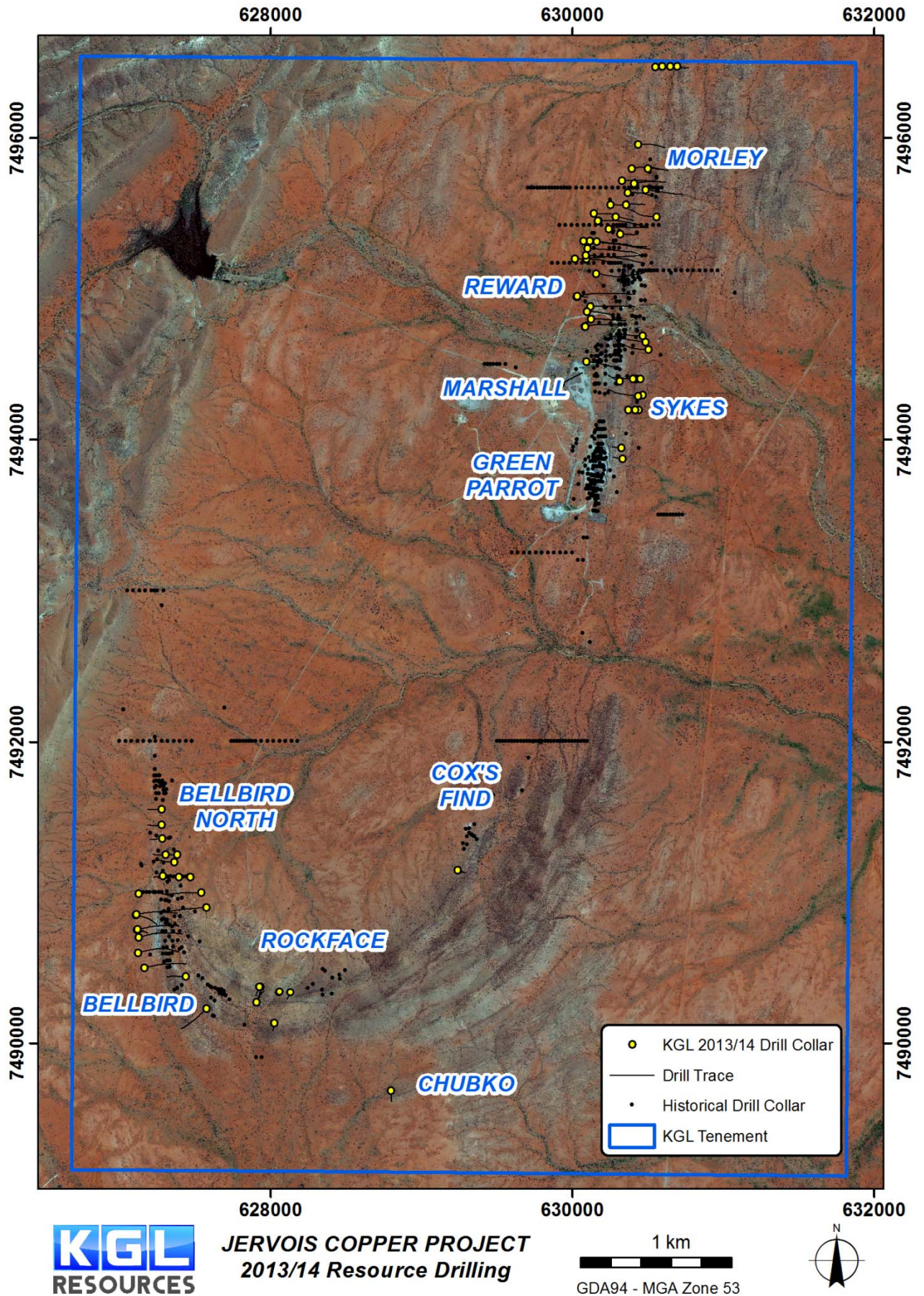


Figure 4 Plan of Jervois tenement and drill hole collar locations

For further information contact:

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About KGL Resources

KGL Resources Limited is an Australian mineral exploration company focussed on increasing the high grade Resource at the Jervois Copper-Silver-Gold Project in the Northern Territory and developing it into a multi-metal mine.

Compliance Statement

The Jervois Exploration data in this report is based on information compiled by Martin Bennett, who is a member of the Australian Institute of Geoscientists and a full time employee of KGL Resources Limited.

Mr. Bennett has sufficient experience which is relevant to the style of the mineralisation and the type of deposit under consideration and to the activity to which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Bennett has consented to the inclusion of this information in the form and context in which it appears in this report.

Hole RJ169 This information was prepared and first disclosed under the JORC Code 2004 on 16 August 2012. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported

Hole KJCD058. This information was prepared and first disclosed under the JORC 2012 code on 10 February 2014.

Hole KJCD043. This information was prepared and first disclosed under the JORC 2012 code on 21 March 2014.

1 JORC CODE, 2012 EDITION – TABLE 1

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"> Nature and quality of sampling (eg 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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> Diamond drilling and reverse circulation (RC) drilling were used to obtain samples for geological logging and assaying. RC drill holes are sampled at 1m intervals and split using a cone splitter attached to the cyclone to generate a split of ~3kg. Diamond core was quartered with a diamond saw and generally sampled at 1m intervals with shorter samples at geological contacts. RC samples are routinely scanned with a Niton XRF. Samples assaying greater than 0.1% Cu, Pb or Zn are submitted for analysis at a commercial laboratory.
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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). 	<ul style="list-style-type: none"> RC Drilling was conducted using a reverse circulation rig with a 5.25" face-sampling bit. Diamond drilling was either in NQ2 or HQ3 drill diameters.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> RC samples were not weighed on a regular basis but no sample recovery issues were encountered during the drilling program. Overweight samples (>3kg) were re-split with portable riffle splitter
Logging	<ul style="list-style-type: none"> 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. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> All RC and diamond core samples are geologically logged. Core samples are also orientated and logged for geotechnical information.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> RC drill holes are sampled at 1m intervals and split using a cone splitter attached to the cyclone to generate a split of ~3kg. Diamond core was quartered with a diamond saw and generally sampled at 1m intervals with shorter samples at geological contacts. RC sample splits (~3kg) are pulverized to 85% passing 75 microns. Diamond core samples are crushed to 70% passing 2mm and then pulverized to 85% passing 75 microns.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, 	<ul style="list-style-type: none"> The QAQC data includes standards, duplicates and laboratory checks. In ore zones Standards are added at a ratio of 1:10 and duplicates and blanks 1:20. Basemetal samples are assayed using a four acid digest with an ICP AES finish.

Criteria	JORC Code explanation	Commentary
	<p><i>calibrations factors applied and their derivation, etc.</i></p> <ul style="list-style-type: none"> • <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> 	<p>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.</p> <ul style="list-style-type: none"> • An umpire laboratory is used to check ~2% of samples analysed.
Verification of sampling and assaying	<ul style="list-style-type: none"> • <i>The verification of significant intersections by either independent or alternative company personnel.</i> • <i>The use of twinned holes.</i> • <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> • <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> • Data is validated on entry into the Dashed database. • Further validation is conducted when data is imported into Vulcan
Location of data points	<ul style="list-style-type: none"> • <i>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.</i> • <i>Specification of the grid system used.</i> • <i>Quality and adequacy of topographic control.</i> 	<ul style="list-style-type: none"> • Surface collar surveys were picked up using a Trimble DGPS. • Downhole surveys were taken during drilling with a Ranger or Reflex survey tool every 30m with checks conducted with a Gyrosmart gyro and Azimuth Aligner. • All drilling is conducted on the MGA 94 Zone 53 grid. All downhole magnetic surveys were converted to MGA 94 grid.
Data spacing and distribution	<ul style="list-style-type: none"> • <i>Data spacing for reporting of Exploration Results.</i> • <i>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.</i> • <i>Whether sample compositing has been applied.</i> 	<ul style="list-style-type: none"> • Drilling for Inferred resources has been conducted at a spacing of 50m along strike and 80m within the plane of the mineralized zone. Closer spaced drilling was used for Indicated resources.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> • <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • Holes were drilled perpendicular to the strike of the mineralization a default angle of -60 degrees but holes vary from -45 to -80.
Sample security	<ul style="list-style-type: none"> • <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> • Samples were stored in sealed polyweave bags on site and transported to the laboratory at regular intervals by KGL staff.
Audits or reviews	<ul style="list-style-type: none"> • <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> • The sampling techniques are regularly reviewed.

1.2 Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> • <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • The Jervis project is within E25429 100% owned by Jinka Minerals and operated by Kentor Minerals (NT), both wholly owned subsidiaries of KGL Resources. • The Jervis project is covered by Mineral Claims and an Exploration licence owned by KGL Resources subsidiary Jinka Minerals.
Exploration done by other parties	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> • Previous exploration has primarily been conducted by Reward Minerals, MIM and Plenty River.
Geology	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • EL25429 lies 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

Criteria	JORC Code explanation	Commentary
		<p>Domain in the north western part of the tenement is overlain unconformably by Neo-Proterozoic sediments of the Georgina Basin.</p> <ul style="list-style-type: none"> The copper-lead-zinc mineralisation is interpreted to be stratigraphic in nature, probably relating to the discharge of base metal-rich fluids in association with volcanism or metamorphism or dewatering of the underlying rocks at a particular time in the geological history of the area.
Drill hole Information	<ul style="list-style-type: none"> 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"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> Refer Table 1
Data aggregation methods	<ul style="list-style-type: none"> 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. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> Refer Table 1
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<ul style="list-style-type: none"> Refer Table 1
Diagrams	<ul style="list-style-type: none"> 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 style="list-style-type: none"> Refer Figures 1,2,3 & Table 1
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Refer Table 1
Other substantive exploration data	<ul style="list-style-type: none"> 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 style="list-style-type: none"> Outcrop mapping of exploration targets using Real time DGPS.
Further work	<ul style="list-style-type: none"> 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 style="list-style-type: none"> Refer Figure 1