

ASX: AMI

COPPER POTENTIAL UNLOCKED AT GREAT COBAR

HIGHLIGHTS

- Multiple zones of high grade copper-gold mineralisation intercepted up to 100 metres below current Mineral Resources at Great Cobar, including:
 - 15.0 metres at 3.7% Cu & 0.2g/t Au, incl. 7.0 metres at 6.3% Cu & 0.2g/t Au (DD21GC0030A)

- 66.0 metres at 1.6% Cu & 0.2g/t Au, incl. 6.0 metres at 3.4% Cu & 0.9g/t Au and 7.5 metres at 3.3% Cu & 0.2g/t Au (DD21GC0030)

- 52.0 metres at 1.4% Cu & 0.3g/t Au, incl. 6.0 metres at 2.6% Cu & 1.7g/t Au (DD21GC0030A)
- 6.1 metres at 3.1% Cu & 0.5g/t Au (DD21GC0030)
- Drilling also intercepted high grade copper-gold and lead-zinc-silver mineralisation up to 200 metres above the current Mineral Resources, including:
 - 15.0 metres at 3.3% Cu & 0.7g/t Au (DD21GC0027)
 - 4.0 metres at 3.8% Cu & 0.8g/t Au (DD21GC0028A)
 - 6.0 metres at 25.2% Pb+Zn & 137g/t Ag (DD21GC0027)
 - 5.3 metres at 18.6% Pb+Zn & 104g/t Ag (DD21GC0027A)
 - 5.7 metres at 10.5% Pb+Zn & 33g/t Ag (DD21GC0028A)
- High grade mineralisation extended to over 700 metres down-plunge; remains open in both directions
- Recent drilling expected to provide strong Mineral Resource upside in the upcoming Group Mineral Resource and Ore Reserve update
- Pre-feasibility Study (PFS) for Great Cobar development underway; completion in December quarter expected to allow declaration of maiden Ore Reserve

Aurelia Metals Limited (ASX: AMI) (**Aurelia** or the **Company**) is pleased to provide an update on exploration activities at the Great Cobar deposit, 1.5 kilometres northwest of the Company's New Cobar operations near Cobar, New South Wales.

SIGNIFICANT COPPER EXTENSIONS AT GREAT COBAR

Aurelia commenced a surface drilling campaign at the Great Cobar deposit in late September last year, aiming to increase confidence in the existing Indicated and Inferred Mineral Resource Estimate (MRE) and to test high potential extensional targets. In March, the Company released the results of the infill portion of this program, with high grade base metal results including 60.5 metres at 2.2% Cu & 0.3g/t Au, 9.3 metres at 3.5% Cu & 1.9g/t Au and 14.8 metres at 26.2% Pb+Zn & 73g/t Ag (see ASX release on 29 March 2021).

The recent focus of drilling activities at Great Cobar has shifted to the areas up and down plunge of the existing MRE. Results have now been received for two extensional holes drilled down plunge of the MRE, intercepting very significant copper-gold mineralisation:



DD21GC0030 66.0 metres at 1.6% Cu, 0.2g/t Au & 3g/t Ag from 969.0m, includes 6.0 metres at 3.4% Cu, 0.9g/t Au & 6g/t Ag from 970.0m, and 7.5 metres at 3.3% Cu, 0.2g/t Au & 6g/t Ag from 1019.5m

6.1 metres at 3.1% Cu, 0.5g/t Au & 10g/t Ag from 1042.3m

DD20GC0030A **52.0 metres at 1.4% Cu, 0.3g/t Au & 3g/t Ag** from 854.0m, includes **6.0 metres at 2.6% Cu, 1.7g/t Au & 4g/t Ag** from 856.0m

> 15.0 metres at 3.7% Cu, 0.2g/t Au & 7g/t Ag from 942m, includes 7.0 metres at 6.3% Cu, 0.2g/t Au & 12g/t Ag from 948m

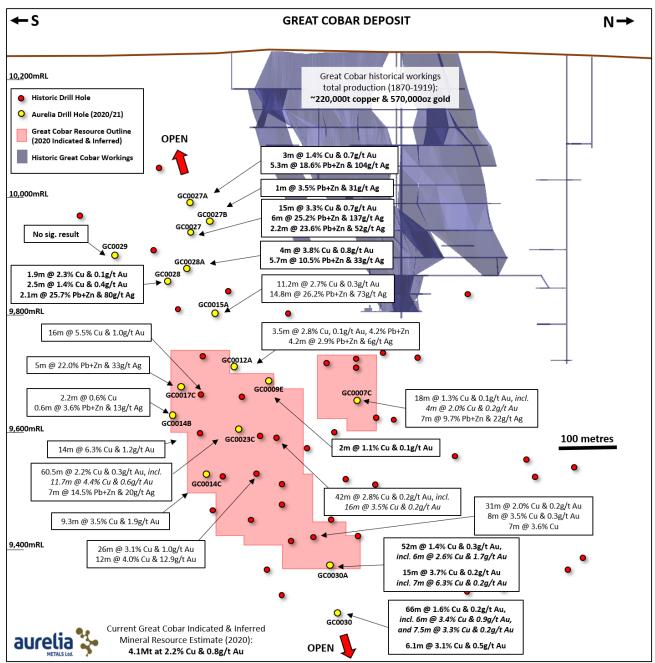


Figure 1. Schematic long section of the Great Cobar deposit looking west showing recent drilling (yellow) in relation to historic drill holes (red), current Indicated and Inferred MRE and the historic Great Cobar workings. New intercepts reported in this release are highlighted in bold text.



With three discrete zones of +3% copper intercepted down hole, DD21GC0030 is particularly encouraging as is extends the mineralisation more than 100 metres below the current MRE and leaves high grade copper at Great Cobar completely open at depth (**Figure 1**).

Further to the exceptional results in the down-plunge drilling, high grade copper-gold mineralisation was also intercepted up to 200 metres above the current Mineral Resource, including:

DD21GC0027 **15.0 metres at 3.3% Cu, 0.7g/t Au & 24g/t Ag** from 378.0m, includes **5.0 metres at 4.9% Cu, 0.7g/t Au & 41g/t Ag** from 388.0m

DD21GC0028A 4.0 metres at 3.8% Cu, 0.8g/t Au & 24g/t Ag from 431.0m

The up-dip extensional drilling also intercepted further strong base metal and silver mineralisation in the western lead-zinc lens, including:

DD21GC0027	6.0 metres at 25.2% Pb+Zn, 0.1g/t Au & 137g/t Ag from 393.0m
DD21GC0027A	5.3 metres at 18.6% Pb+Zn, 0.1g/t Au & 104g/t Ag from 357.0m
DD20GC0028A	5.7 metres at 10.5% Pb+Zn, 0.2g/t Au & 33g/t Ag from 477.0m

Full drill hole details can be found in **Table 1** and a list of significant new results are shown in **Table 2**.

The Company currently plans to access the Great Cobar deposit *via* the development of an approved exploration decline from the New Cobar workings approximately 1.5 kilometres to the southeast. Aurelia has recently submitted an Environmental Impact Statement (EIS) to the Department of Planning, Industry and Environment for development consent to mine the deposit and is currently responding to public and government submissions.

A Prefeasibility Study (PFS) has commenced to examine future potential mining scenarios for Great Cobar and will be informed by technical assessments of mine design, geotechnical parameters, ventilation, mine infrastructure, water management, ventilation and metallurgical studies. The PFS is due for completion in the December quarter and assuming a positive outcome will allow the declaration of a maiden Ore Reserve for the deposit.

Additional drilling to test further high grade extensions to the deposit is due to commence early in the September quarter. Along with the infill results released earlier in the year, the latest drilling is expected to provide strong upside to the Great Cobar MRE, which is currently being updated as a part of the Company's annual Mineral Resource and Ore Reserve statement.

This announcement has been approved for release by the Board of Directors of Aurelia Metals.

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Previous Results

The information in this announcement that relates to Great Cobar is extracted from the company's announcement entitled 'Great Cobar and Kairos Drilling Update' released on 29 March 2021 and is available to view on www.aureliametals.com and <u>www.asx.com.au</u>. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement'



Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Adam McKinnon, BSc (Hons), PhD, who is a Member of the Australasian Institute of Mining and Metallurgy. Dr McKinnon is a full-time employee of Aurelia Metals and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity 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.' Dr McKinnon consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Туре	Hole ID	Easting (MGA)	Northing (MGA)	Local RL (m)	DIP	Azimuth (MGA)	Total Depth (m)
DDH	DD21GC0009E	390506.4	6514204.0	10235.5	-77.8	257.0	741.7
DDH	DD21GC0027	390393.1	6513980.0	10234.8	-58.0	272.5	449.6
DDH	DD21GC0027A	390393.1	6513980.0	10234.8	-58.0	272.5	432.5
DDH	DD21GC0027B	390393.1	6513980.0	10234.8	-58.0	272.5	438.5
DDH	DD21GC0028	390393.5	6513980.0	10234.8	-68.0	272.5	540.6
DDH	DD21GC0028A	390393.5	6513980.0	10234.8	-68.0	272.5	528.5
DDH	DD21GC0029	390405.1	6513976.5	10234.9	-64.0	236.4	507.0
DDH	DD21GC0030	390501.4	6514200.5	10235.4	-85.0	273.5	1131.6
DDH	DD21GC0030A	390501.4	6514200.5	10235.4	-85.0	273.5	1020.7

Table 1. Collar summary for the drill holes reported in this release.

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Hole ID	Interval (m)	ETW* (m)	Cu (%)	Au (g/t)	Pb (%)	Zn (%)	Pb+Zn (%)	Ag (g/t)	From (m)
DD21GC0009E	2	1.6	1.1	0.1	0.0	0.0	0.0	2	661
DD21GC0027	15	10.9	3.3	0.7	0.0	0.2	0.2	24	378
includes	5	3.6	4.9	0.7	0.1	0.3	0.4	41	388
	6	4.4	0.3	0.1	15.1	10.1	25.2	137	393
	2.2	1.6	0.6	0.2	9.0	14.5	23.6	52	406.5
DD21GC0027A	3	2.6	1.4	0.7	0.4	0.6	1.0	41	354
	5.3	4.6	0.3	0.1	9.2	9.4	18.6	104	357
DD21GC0027B	1	0.7	0.0	0.0	2.5	1.1	3.5	31	396
DD21GC0028	6	4.3	0.0	0.0	0.8	1.5	2.3	27	397
	1.9	1.4	2.3	0.1	0.1	0.2	0.3	15	419.4
	2.5	1.9	1.4	0.4	0.1	1.0	1.1	20	458
	2.1	1.6	0.2	0.2	9.4	16.3	25.7	80	498
DD21GC0028A	4	2.8	3.8	0.8	0.0	0.2	0.2	24	431
	0.6	0.4	0.1	0.1	12.6	16.5	29.1	190	435
	5.7	4.0	0.4	0.2	3.2	7.3	10.5	33	477
DD21GC0029		No Significant intersections							
DD21GC0030	66.0	45.1	0.0	0.0	0.0	0.2	3	1.6	969.0
includes	6.0	4.1	0.0	0.0	0.0	0.9	6	3.4	970.0
and	7.5	5.1	0.0	0.1	0.1	0.2	6	3.3	1019.5
	6.1	4.2	0.0	0.1	0.1	0.5	10	3.1	1042.0
DD21GC0030A	52.0	34.7	0.0	0.0	0.0	0.3	3	1.4	854.0
includes	6.0	4.0	0.0	0.0	0.0	1.7	4	2.6	856.0
	1.0	0.7	0.0	0.1	0.1	0.1	12	4.9	914.0
	15.0	10.0	0.0	0.1	0.1	0.2	7	3.7	942.0
includes	7.0	4.7	0.0	0.1	0.1	0.2	12	6.3	948.0

Table 2. Significant intersections for the Great Cobar drill holes reported in this release.



GREAT COBAR

JORC Code 2012 (Table 1) - Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. AusIMM. **Section 1 -** Sampling Techniques and Data (Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. 	 Surface diamond drilling at the Great Cobar deposit is undertaken at PQ, HQ and NQ core sizes. Peak Gold Mitchell Services is currently conducting the surface drilling. The core is processed in an established core yard with racks, water and cover.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	 A continuous series of pre-numbered bags is employed so that duplication of sample numbers is not likely. Computer control of core yard systems for ledger generation and specific gravity. Drilling run errors affecting mark-up are dealt with by the contractor crew responsible ensuring they take more care. All samples are analysed for specific gravity. Sample weights show consistency with regards to core recovery. Standards are submitted at a frequency of 1 in 20 with every submission. A blank is put at the beginning of every job. Silica flushes are used between samples around visible gold observations. Standard fails are subject to re-assay. A selection of pulps is taken yearly from the ore intervals for re-assay at another lab as a comparison of repeatability and lab precision. The core saw equipment is regularly inspected and aligned so the core is cut in even halves.
	 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 30g 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. 	 Up to 100% of the core can be sampled but is generally restricted to all intervals that have alteration, mineralisation and shearing. Sampling is continuous and perpendicular to strike of the lodes reported. Half NQ/HQ is completely crushed to 3mm and 100g is riffle split and pulverised to 90% passing 75 microns. All gold assays are 50g fire assay (Method Au – AA26) with a detection level of 0.01ppm and base metals by 4 acid digest (method ME-ICP61) with detection levels of: Ag-0.5ppm, Cu-0.01ppm, Pb-0.01ppm, Bi-1ppm, Zn-0.01ppm, S-0.01%, Fe-0.01%. Over limit analysis is by OG62- with Sulphur over range by method S-IR08 at ALS laboratories. Every core sample submitted for assay is submitted for specific gravity analysis at PGM by wet balance method (Archimedes method). The SG process is checked with a standard 1 in 20 and water temperature is also recorded.





Drilling techniques	• Drill type (e.g. core, reverse circulation, open- hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face- sampling bit or other type, whether core is oriented and if so, by what method, etc.).	 A variety of diamond core sizes (NQ2, HQ and PQ) have been drilled at Great Cobar. The holes are surveyed every 30m with a 15m survey at the beginning of the hole and end of hole survey. Triple tube drilling is employed as necessary.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 Drillers record core loss whilst drilling with core blocks in the run. The location of loss is also recorded on sample submission sheets. The estimated meterage of the core loss depends on how the core is pieced together. Sample weights of the assayed intervals are assessed to give another quantitative estimate of recovery. Generally good drilling equipment and experience minimise core loss. The core is pieced together, where possible, ensuring the core has been placed in the tray the right way around and is a check on the run lengths. At all times the core is handled with care with transportation using proper tie down points. When sampling NQ/HQ core the cut line is perpendicular to structures. There is no known relationship between sample recovery and sample grade in these samples.



Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource 	 Geological domains are much larger than the mineralisation and in most cases it is possible to drill continuously through the ore zone. For mine delineation drilling lithological information is gathered to 10cm intervals into tables defining lithology, mineralisation, alteration and
	 Whether logging is qualitative or quantitative in nature. 	shearing. Mine delineation is not oriented so structural measurements are taken in relation to the regional foliation which is considered to be constantly orientated. Broader stratigraphical and structural units are captured in an interpretation table. All the deposits have defined
	Core (or costean, channel, etc.) photography.	structural zones across strike. Major lithologies are wireframed to ensure continuity of the interpretation. Exploration core is oriented so structural measurements are accurate also magnetic susceptibility is measured at 1m intervals where appropriate. Rock mass guality
	 The total length and percentage of the relevant intersections logged. 	information, to support engineering considerations, are logged and Q primed is calculated. Further to rock mass quality data, rock strength data is gathered for mining studies. Metallurgical samples are initially recovered as part of exploration or evaluation programs from either half or quarter core.
		• All core is photographed. The core is photographed using a mobile frame over individual trays ensuring that light and focus conditions remain constant. Structural measurements are measured against the dominant regional S2 foliation based on quality of observation. Visual estimates of minerals in percent are checked against assay data. Magnetic susceptibility is recorded for specific intervals during exploration programs.
		 All core and chips are 100% logged for lithology, stratigraphy, mineralisation, alteration, RMQ, structure, and shear using Coreview software.



Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether Quarter, half or all core taken.	• NQ2 and HQ core is half core sampled and cut with an almonte automatic saw leaving the other half of the core for possible re-assay or metallurgical use.
	 If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. 	No non-core sampling is described in this report.
	 For all sample types, the nature, quality and appropriateness of the sample preparation 	 For a sample of core being assayed for grade the same regime is followed as explained in sampling techniques above.
	technique.	 The sampling procedures for quality control are outlined under sampling techniques above.
	 Quality control procedures adopted for all sub- sampling stages to maximise representivity of samples. 	 Twinning holes and second half core sampling is usually adopted during exploration projects. High density drilling is also employed in the main mining areas.
	 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. 	• Variability and nugget effects produces complications when sampling for coarse gold have been address by PGM. The sample size of drill core is adequate to capture gold at the micron size range.
	 Whether sample sizes are appropriate to the grain size of the material being sampled. 	



Quality of assay data and laboratory test	 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, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory 	 Samples dry for 12 hours at 104°C in oven. Samples are crushed to <3mm and pulverised to 90% passing 75um in and LM5 pulveriser. 250 grams of sample is scooped from the bowl. Sizing tests are performed every 10 samples. Barren wash is used between samples. 50 grams is scooped from the 250 grams for fire assay. Four acid digest is used to determine base metals. Fire assay and four acid digest are methods considered as total element analysis. The suite of elements assayed and the lad methods used are considered adequate for resource reporting. No geophysical tools were used in the determination of assay results. All assay results were generated by an independent third-party laboratory as described above. A blank is submitted at the start of every hole. Standards are submitted at a frequency of 1 in 20. Standard fails are followed up with 10 sample repeats adjacent to the standard that failed. Replicates and duplicates are graphed at regular intervals to determine accuracy and precision. The standards are supplied by Gannet Holdings Pty Ltd and Geostats. Standards have been both matrix matched and non-matrix matched. Between 300 and 500 pulps are selected from ore samples and sent for check assay at another lab annually.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. 	 The database is used by all geologist and engineers on the PGM site. A third party audit is performed annually and performs analysis on the data. During annual pulp checks certain intersections are repeated in full. Twinned holes have not been systematically used at Great Cobar. Physical and electronic copies exist of drill designs, downhole surveys and assay data. Raw laboratory data is filed as it comes from the lab. The assay .CSV file from the lab is manipulated by an excel add-in routine to suit the load query in the geological database "Drillview". The database has a verification sequence which checks end of holes and overlapping intervals. All data entry procedures are documented. Historic hard copies are stored in a fire proof room. Electronic data is backed up weekly, monthly and yearly and stored in a fire proof safe on site.





Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used Quality and adequacy of topographic control. 	 Surface drill hole collars are initially located using hand held GPS to ±5m. Upon completion collars are located with differential GPS to ±5cm. Downhole surveys are taken using a reflex camera. Eastman single shot cameras were phased out in 2007. Readings with abnormal magnetics are flagged unreliable in the database. The reflex camera is used for multi shot where required and giro cameras ore used in highly magnetic ground. Check surveys are done weekly in a test bed on surface. Reliability is checked in Excel. A resurvey is done if out of limits. Two fails and instrument is sent away and replaced. Collar surveys are as accurate as the mine survey which is subject to regulatory re-survey on an interval basis. PGM uses a metric mine grid that is -15° 31' 38.72201 degrees to MGA grid. There is an additional 10,000.4m added to the AHD. Magnetic drilling surveys are corrected by 25 degrees. The PGM grid was aligned with the state MGA grid in Feb 2009. Existing surface survey control consists of two baselines each with two high order stations registered with SCIMS on both the Peak and New Cobar leases. All exploration holes and topographic features are fixed using RTK GPS.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing, and distribution is sufficient to establish the degree of geological 	Drill spacing at Great Cobar is variable, ranging from 30x30m to 100x100m.
	 and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 The Resources across the is classified on the following drill hole centres and search distances depending on the type and complexity of the mineralisation: Indicated – range 30mx30m to 50mx50m Inferred – range 60mx60m to 75mx75m The confidence in classification is considered consistent with the 2012 JORC code. The majority of drill holes are sampled at one metre intervals. Other sample compositing is not applied.





Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. 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. 	 The Great Cobar orebodies are near vertical. The drill hole orientations are designed to be across the width of the lode. The drilling orientations have not introduced a known sampling bias.
Sample security	The measures taken to ensure sample security	 Core is stored in a lockable yard within the Peak site. The Peak site has 24 hour manned gates and requires swipe card access given only to Peak personnel. Samples are placed in tied calico bags with sample numbers that provide no information on the location of the sample.
Audits or reviews	The results of any audits or reviews of sampling techniques and data	 H&SC audited PGMs core yard in 2008. No concerning issues arose in regards to the procedures of core mark up, photography, RQD measurement, cutting, core density, packaging and dispatch. Continuous improvements have been made by PGM with the implementation of roller racks, air conditioned sampling sheds, re-plumbing of water supply to the racks and the introduction of blue metal as a blank check. Previously PGM was using non mineralised core mainly from the beginnings of New Occidental delineation holes representing the barren Great Cobar Slate. Drill hole data is reviewed by H&SC during the resource audits and measures of drill hole deviation and assay ranges are scrutinised and verified.



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	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.	 In August 2012 a notice of application for determination of native title was made in central NSW, which encompassed all of Peak Gold Mines mineral tenements. Legal advice indicated that Crown land may be claimable, so exploration has been delayed over this land tenure until it can be established if native title has been extinguished or if an access agreement with the claimants will be required. This effects areas within EL5933 (Wrightville Common & Kaloogleguy Regeneration Reserve) and EL7355 (Cumbine State Forest). The following table is a list of tenements held in full or part by PGM. 		
	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.	Tenement NameOwnershipCML6Fort Bourke HillPGM 100%CML7CoronationPGM 100%CML8Peak/OccidentalPGM 100%CML9Queen BeePGM 100%ML1483Fort Bourke HillPGM 100%ML1483Fort Bourke HillPGM 100%ML1483Fort Bourke HillPGM 100%EL5933PeakPGM 100%EL6401Rookery EastPGM 100%EL6401Rookery EastPGM 100%EL8503Margaret valePGM 100%EL8523Margaret valePGM 100%EL8548NarriPGM 100%EL8567KurrajongPGM 100%EL5982Norma ValePGM 75%, Zintoba 25%EL6127Rookery SouthPGM 83%, Lydail 17%		
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Exploration has been ongoing since early 1900. Extensive exploration has occurred under CRA, Wheaton River, Goldcorp, Newgold and Aurelia Metals. 		





Geology	Deposit type, geological setting and style of mineralisation.	 The deposits in the region fall under the group of epigenetic "Cobar-Style" mineralisation and are controlled structurally by major fault zones (Rookery Fault System) and subsequent spurs and splays. The faults are within of the Devonian-Nurri Group of sedimentary units displaying lower green schist facies alteration. The economic minerals are contained within quartz stockworks and breccias. The breccia matrix are combinations of quartz, sediment, rhyolite and sulphide. The deposits are often polymetallic with gold, copper, silver, lead and zinc occurring in parallel lenses to the fault zones within the PGM leases.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar o 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. 	All relevant data drill hole data is included in the main body of the report.
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. 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. 	 Exploration results reported on a length-weighted basis. No top-cut or grade truncations have been applied to any assay results. Composite intervals are reported using a nominal 0.5% Cu or 1% Pb+Zn cut-off. Higher results that occur internal to the composited intervals as described above are included in this report. Higher grade intervals are only highlighted if there are areas within the composite that differ significantly from the overall grades. Reporting of the shorted intercepts allows a more complete understanding of the grade distribution within the mineralised zone. No metal equivalences are quoted in this report.





Relationship between mineralisation widths and intercept lengths		he extensive exploration and mining history in the Peak Mines mean the geometry of the re zones is very well understood. As such, estimated true widths are included in this report.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	ee body of report.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	II available new drill results from the recent program are given in this report.
Other substantive exploration data	 Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	ee body of report.
Further work	 The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	ee body of report.

