ASX ANNOUNCEMENT



19 OCTOBER 2020

DRILLING TO COMMENCE AT PRIORITY GOLD-COPPER PORPHYRY TARGET ZONE AT LADY ILSE

- Ground magnetic surveying has identified priority porphyry target zones surrounding a main intrusive complex
- Grades and alteration are consistent with a proximal position to a significant Boda-style goldcopper porphyry system
- Target zones outboard from a main intrusive complex is consistent with major East Lachlan gold-copper porphyry systems
- Target zone associated with broad gold and porphyry pathfinder anomalism in drillhole
 20LIRC005, will be drill tested in late October 2020

Magmatic Resources ('MAG' or 'The Company') is pleased to provide an update on exploration activity at its 100% owned Wellington North Project, including results from a high resolution ground magnetic survey and the progress of diamond drilling at the Lady Ilse gold-copper porphyry target.

Lady Ilse Ground Magnetics

Recent ground magnetic surveying has produced high resolution imagery aiding interpretation of the Lady Ilse District. Surveying activity involved 90 lines totaling 133 line kilometres.

The magnetic survey results have identified porphyry target zones, outboard from a main intrusive complex, consistent with the setting of mineralisation at major East Lachlan porphyry systems, including the Cadia East and Ridgeway gold-copper porphyry deposits at Cadia Valley. Future drilling activity at Lady Ilse will focus in these areas, with 20LIDD015 testing the newly identified zone beneath and associated with gold and porphyry pathfinder anomalism encountered in 20LIRC005 (67m @ 0.22g/t Au and 54m @ 0.18g/t Au, ASX MAG 10 September 2020).

Lady Ilse Diamond Drilling

Recent diamond drilling at Lady Ilse has included two holes following on from an eleven hole RC drilling program for 1815m (ASX MAG 10 September 2020) (Table 1). Drilling activity was designed to test the along strike extents of the main Lady Ilse target zone and selected targets off trend (Figure 1). Ongoing results are considered encouraging for followup work including diamond drilling into the newly prioritised porphyry target zone, highlighted by recent magnetic surveying and associated with gold and porphyry pathfinder anomalism encountered in 20LIRC005 (67m @ 0.22g/t Au and 54m @ 0.18g/t Au, ASX MAG 10 September 2020) (Figure 1).

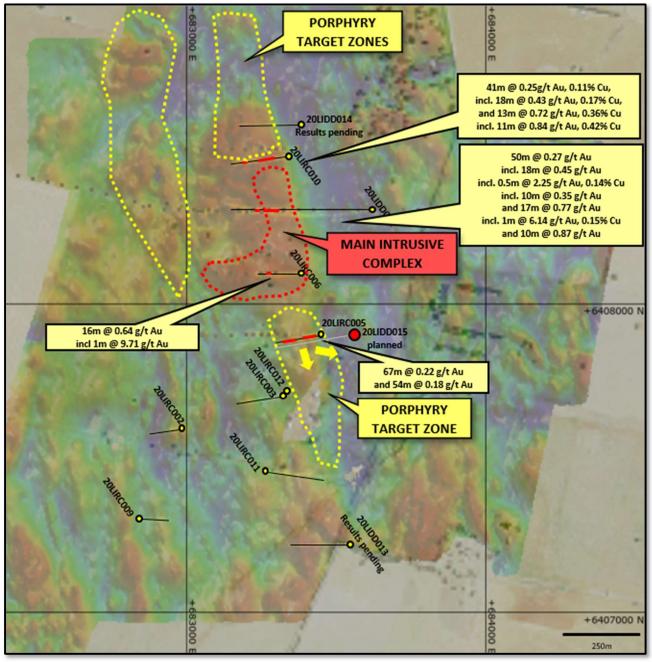


Figure 1: Lady Ilse Summary Map, RTP ground magnetic imagery, showing target zones around main monzonite/intrusive complex, completed and proposed drilling

Hole ID	Hole Type	Prospect	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (MGA)	Total Depth	Comments
201100012	DD	Ladvillea	693530	6407220	255	C.E.	266	(m)	Completed results panding
20LIDD013	DD	Lady Ilse	683530	6407230	355	-65	266	504.9	Completed, results pending
20LIDD014	DD	Lady Ilse	683365	6408580	368	-65	268	492.9	Completed, results pending
20LIDD015	DD	Lady Ilse	683550	6407898	355	-65	270	~450m	Planned, testing priority
									porphyry target zone associated
									with 20LIRC005 mineralisation

 $\textbf{Table 1:} \ \mathsf{Lady Ilse and :} \ \mathsf{Collar \, summary \, for \, drill \, holes \, reported \, in \, this \, release$

Wellington North Project (Gold-Copper)

Magmatic's 100%-owned Wellington North Project covers the northern extension of the Molong Volcanic Belt, located ~110km north and along strike from Newcrest's world-class Cadia Valley porphyry gold-copper deposits and surrounding Alkane Resources' recent Boda porphyry discovery (ASX ALK 9 September 2019).

The Wellington North Project comprises three exploration licences that essentially surround the Boda discovery, covering 177km² and is considered highly prospective for gold-copper porphyry, gold epithermal and lode style gold mineralisation.

The recent Boda gold-copper porphyry discovery by Alkane Resources Ltd (ASX ALK 9 September 2019) has highlighted the value of Magmatic's dominant surrounding tenure position in the northern Molong Belt, in what is emerging as a globally significant gold-copper porphyry discovery hotspot. The Boda discovery has highlighted the surface signature of porphyry mineralisation in the area as described in ASX ALK 15 August 2017 and has significantly upgraded Magmatic's target portfolio for Boda-style gold-copper porphyry mineralisation (Lady Ilse District, Boda North, Boda South, Rose Hill, Ninety, Rockleigh, Mayhurst and Mayhurst East).

About Magmatic Resources (ASX:MAG)

MAG) is a New South Walesfocused gold and copper explorer that listed on the ASX in May 2017. In 2014, Magmatic completed the acquisition of an advanced gold-

Magmatic Resources Ltd (ASX:

acquisition of an advanced gold-copper target portfolio in the East Lachlan from Gold Fields Limited. Gold Fields had completed a major phase of target generation across four main projects (Wellington North, Parkes, Myall, Moorefield), identifying over 60 targets.

The East Lachlan has an endowment of more than 80 million ounces of gold and 13 million tonnes of copper (Phillips 2017). It is most famous for Newcrest Mining's world class gold-copper porphyry cluster at Cadia Valley District, where

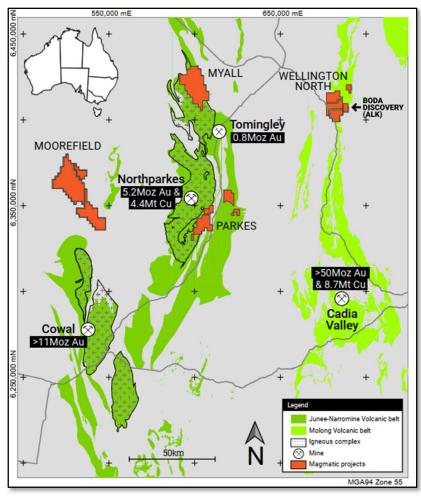


Figure 6: MAG Project Location Map

currently the Cadia East Mine represents Australia's largest gold mine and one of the world's most profitable gold producers (Newcrest 2019). In addition, the Northparkes copper-gold porphyry cluster (China Molybdenum/Sumitomo, CMOC 2019) and Cowal Epithermal Deposit (Evolution Mining, Evolution 2018) represent other significant long-life mining operations.

The recent Boda porphyry discovery by Alkane Resources Ltd (ASX ALK 9 September 2019) has highlighted the value of Magmatic's dominant surrounding tenure position in the northern Molong Belt, in what is emerging as a significant gold porphyry discovery hotspot (Figure 3). The Boda discovery has highlighted the surface signature of porphyry mineralisation in the area and has significantly upgraded Magmatic's target portfolio for Boda-style and Cadia East-style porphyry gold-copper mineralisation.

The Company also holds a strategic position in the Parkes Fault Zone (Parkes Project), immediately south from Alkane's Tomingley Gold Operations and recent Roswell and San Antonio discoveries.

References

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Competent Persons Statement

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Peter Duerden who is a Registered Professional Geoscientist (RPGeo) and member of the Australian Institute of Geoscientists. Mr Duerden is a full-time employee of, and has associated shareholdings in, Magmatic Resources Limited, 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". Mr Duerden consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Additionally, Mr Duerden confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

Previously Reported Information

The information in this report that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website (www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. 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 announcements.

Disclaimer

This report contains certain forward-looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Magmatic Resources Ltd, industry growth or other trend projections. Such statements are not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors which are beyond the control of Magmatic Resources Ltd. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

This document has been prepared in accordance with the requirements of Australian securities laws, which may differ from the requirements of United States and other country securities laws. Unless otherwise indicated, all ore reserve and mineral resource estimates included or incorporated by reference in this document have been, and will be, prepared in accordance with the JORC classification system of the Australasian Institute of Mining, and Metallurgy and Australian Institute of Geoscientists.

Appendix I – JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data: Wellington North Project, Lady Ilse prospect, Diamond Drilling, Ground Magnetic Surveying

Criteria	JORC Code explanation	Commentary
Sampling techniques	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.	Core sizes were PQ core (diameter: 85 mm) and HQ core (diameter: 63.5mm). Magmatic used a Universal Drill Rig 1200 'UDR1200' or equivalent . Diamond drill core provide a high-quality sample that are logged for lithological, structural, geotechnical, and other attributes. Subsampling of the core is carried out as per industry best practice.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	The drill collar location was recorded using a registered surveyor, which has an accuracy of ±0.1m.
		The HQ drill core was orientated using Longyear Trucore core orientation tool by the drilling contractor with Magmatic Resources staff supervision. These orientations are extended onto the remainder of the core and meter marks for logging. The visible structural features (veins, bedding, foliation, faults) are measured against the core orientation marks. The whole interval of drill core (except cover sequence from 0 m – 15 m) was cut in quarter (PQ) or half (HQ) and assayed at a certified assay laboratory, ALS Laboratories. Core is prepared for analysis by cutting along the longitudinal line and then samples are numbered as per the pre-designed cut-sheet. The sample stream represents continuous sampling down the drill string at 1m nominal intervals (402 to 1014.8m), and in-lab volumetric 2m composites (0-402m), unless otherwise required at geological or mineralisation boundaries. Where core was incompetent due to being transported cover or weathered rock (PQ only), representative samples were collected along the axis of the core. This information is recorded in the cut-sheet and loaded into database.
	Aspects of the determination of mineralisation that are Material to the Public Report.	The drill core was cut in Orange by Magmatic contractors and staff and samples were transported to ALS Laboratory in Orange for assaying. Samples are crushed to 6mm and then
	In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m	pulverized to 90% passing -75 microns. A 50g split of the sample was fired assayed for gold. The lower detection limit for gold is 0.005 ppm, which is believed to be an appropriate detection

Criteria	JORC Code explanation	Commentary
	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.	level. All other elements including copper and base metals (total 48 element suite) are analysed using a 4-acid acid digest and an ICP finish (ALS code: ME-MS61 + AU-AA24). Assay standards, blanks and duplicates were analysed as part of the standard laboratory analytical procedures. Company standards were also introduced into the sampling stream at a nominal ratio of 1 standard for every 50 samples. Sample lengths: 0-402m, 2m composites with compositing completed at the lab after preparation of drill core. 1m pulps of all 2m composites have been retained by Magmatic. 402m to end of hole: 1m sample lengths except for minor changes due to geological or mineralisation boundaries.
Drilling techniques	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).	Diamond drilling using industry standard techniques.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Diamond drill core recoveries were recorded during drilling and reconciled during the core processing and geological logging. There was a consistent competency encountered in the rocks during drilling and no significant drill core lost occurred during drilling.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Diamond drill core is measured and marked after each drill run using wooden blocks calibrating depth. Adjusting rig procedures as necessary including drilling rate, run length and fluid pressure to maintain sample integrity.
	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.	No detailed analysis to determine relationship between sample recovery and gold or base metals grade has been undertaken for this diamond drilling

Criteria	JORC Code explanation	Commentary
Logging	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.	 Systematic geological and geotechnical logging was undertaken. Data collected includes: Nature and extent of lithologies. Relationship between lithologies. Amount and mode of occurrence of minerals such as pyrite and chalcopyrite. Location, extent and nature of structures such as bedding, cleavage, veins, faults etc. Structural data (alpha & beta) are recorded for orientated core. Geotechnical data such as recovery, RQD, fracture frequency, qualitative IRS, microfractures, veinlets and number of defect sets. Magnetic susceptibility recorded at 1m intervals
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Drill core is logged as both qualitative (discretional) and quantitative (volume percent). Core is photographed dry and wet.
	The total length and percentage of the relevant intersections logged.	The entire hole is all geologically and geotechnically logged (100%).
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Core was cut using an Almonte automatic core saw. All samples are collected from the same side of drill core. The full interval of half-core sample is submitted for assay analysis, except PQ where ¼ core was taken. Where core was incompetent due to being transported cover or weathered rock, representative samples were collected along the axis of the core. This information is recorded in the cut-sheet and loaded into database.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Not applicable – core drilling
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Drill core is cut in half (or quarter for PQ) along the length and the total half (or quarter) core submitted as the sample. This procedure meets industry standards where 50% (or 25%) of the total sample taken from the diamond core is submitted. All intervals (0m to 1014.8m) were submitted for assaying. Sample weights are recorded by the lab.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	No sub-sampling is completed by Magmatic. All sub-sampling of the prepared core is completed by the laboratory.

Criteria	JORC Code explanation	Commentary
	Measures taken to ensure that the sampling is representative of the in situ	The retention of the remaining half-core is an important control as it allows assay values to be
	material collected, including for instance results for field duplicate/second-	viewed against the actual geology; and, where required, further samples may be submitted for
	half sampling.	quality assurance. No resampling of quarter core or duplicated samples have been completed
		at the project.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes are appropriate to correctly represent the mineralization based on style of mineralisation.
Quality of assay	The nature, quality and appropriateness of the assaying and laboratory	Samples are crushed in the laboratory to 6mm and then pulverized to -75 microns. A 50g split
data and	procedures used and whether the technique is considered partial or total.	of the sample is fire assayed for gold. The lower detection limit for gold is 0.005 ppm, which is
laboratory tests		believed to be an appropriate detection level. All other elements including silver and base
		metals are analysed using a four-acid digest and an ICPMS finish.
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the	No geophysical tools or other handheld XRF instruments were used to determine grade.
	parameters used in determining the analysis including instrument make	Magnetic susceptibility was taken for every metre using a Terraplus KT-10 magnetic
	and model, reading times, calibrations factors applied and their derivation,	susceptibility meter.
	etc.	
	Nature of quality control procedures adopted (eg standards, blanks,	Laboratory QAQC involves use of internal Lab standards using certified reference material,
	duplicates, external laboratory checks) and whether acceptable levels of	blanks, splits and replicates as part of their procedures. Magmatic submitted independent
	accuracy (ie lack of bias) and precision have been established.	standards inserted approximately every 50 samples.
Verification of	The verification of significant intersections by either independent or	Data is loaded into an industry-standard database and standard intercepts calculated. Assay
sampling and	alternative company personnel.	data and intercepts are cross checked internally by Magmatic geologists. Where required,
assaying		significant intersections are calculated manually and cross-checked by a second geologist.
	The use of twinned holes.	Early stage exploration and no holes have been twinned.
	Documentation of primary data, data entry procedures, data verification,	Sample data was recorded on a standard sample ledger sheet and transferred to digital format.
	data storage (physical and electronic) protocols.	Digital sample ledgers were transferred to secure servers. Data was plotted using Micromine
		software against detailed aerial photography to ensure accuracy of the recorded locational
		data. Data was verified by Magmatic geologists.

Criteria	JORC Code explanation	Commentary
		Data backups (both hard and soft copy) are employed both on and off site. All data is stored on off-site industry standard database. Full exports are held onsite and backed up.
	Discuss any adjustment to assay data.	No adjustment or calibration are made on any primary assay data collected for purposes of reporting assay grade and mineralised intervals.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Drill hole collar was located using registered surveyor to ± 0.1 m precision. Down hole surveys were collected every 15-30m down the drill hole during drilling and 6m on completion of hole using a north-seeking gyro (Axis Champ Navigator).
	Specification of the grid system used. Quality and adequacy of topographic control.	All coordinates are based on Map Grid Australia Zone 55, Geodetic Datum of Australia 1994 Topographic control is maintained by use of widely available government datasets. Ground is gently undulating.
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 and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Drill holes are preferentially located in prospective areas. The mineralised areas are yet to demonstrate sufficient grade or continuity to support the definition of a Mineral Resource and the classifications applied under the 2012 JORC code.
Orientation of data in relation to geological	Whether sample compositing has been applied. Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	See previous section. 0-402m sampled on 1m and composited in lab to 2m. The angled drill hole was directed as best as reasonably possible directly across the known lithological and interpreted mineralisation orientation.
structure	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.	No orientation-based sampling bias has been identified in the data. Further structural work would be required to determine any sampling bias due to hole orientation.
Sample security	The measures taken to ensure sample security.	Core was returned to the company's office each night and is stored in secured storage.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been conducted at this stage.

Criteria	JORC Code explanation	Commentary

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral	Type, reference name/number, location and ownership including	Exploration Licence EL8357 Combo is located 10km north of Wellington, NSW, and is held by
tenement and	agreements or material issues with third parties such as joint ventures,	Modeling Resources Pty Ltd, a wholly owned subsidiary of Magmatic Resources Ltd. The licence
land tenure	partnerships, overriding royalties, native title interests, historical sites,	was granted on 8/04/2015 and has been subsequently renewed to 8/04/2021.
status	wilderness or national park and environmental settings.	The licence covers 16 graticular units with an area of 46.37 km2. A number of gazetted sealed
	The security of the tenure held at the time of reporting along with any	and unsealed roads traverse the authority. The land use is mainly cropping with minor grazing.
	known impediments to obtaining a licence to operate in the area.	
Exploration done	Acknowledgment and appraisal of exploration by other parties.	Newcrest (1997): Completed a reconnaissance AC programme at nominal 500m centres (137
by other parties		holes, 2054m, 15m average depth) with ~7 in the Lady Ilse district. Identified several anomalies
		across the licence including 3m at 0.62 g/t Au at Lady Ilse.
		Gold Fields and Clancy 2009-2014: Completed 50m aeromagnetic survey over the project
		(covering the Lady Ilse anomaly) and drilled several other targets in the project.
		Magmatic Resources (2017): Completed 30 AC holes (392m, average 13m). Best result: 20m at
		0.66 g/t Au, 0.04% Cu.
		Magmatic Resources (2018): Completed 14 RC holes (1360m, average 97m). Best result: 78m at
		0.22 g/t Au.
		Magmatic Resources (2020 to date): completed a 20km MIMDAS survey and one DD (1014.8m)
		The ground geophysical survey was planned by Magmatic Resources exploration staff in consultation with our geophysical contractor, Fender Geophysics Pty Ltd ('Fender'). Data processing of the data by Eureka Consulting Pty Ltd.

Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	Exploration is for a gold-copper porphyry-style deposits in the northern Molong Volcanic Belt within the wider Macquarie Arc, East Lachlan region
Drill hole	A summary of all information material to the understanding of the	See body of announcement.
Information	exploration results including a tabulation of the following information for	
	all Material drill holes:	
	 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	Non-significant assay values were not individually reported. Lower cut-offs are shown in the results tables.
	understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	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.	Gold and copper intersections, with minimum cut-offs, have been calculated and are reported in the body of the report. No maximum cut-offs have been applied
	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.	Wider low-grade intercepts suitable for the deposit explored for are reported and, where applicable, an including high-grade is also reported, or, also where applicable, and including below cut-off is included.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not reporting on metal equivalent.

Criteria	JORC Code explanation	Commentary
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	Down-hole lengths only, true width not known.
mineralisation widths and intercept lengths	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Pending assay results, structural logging of the core indicates a broadly subvertical target zone
	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').	Down-hole lengths only, true width not known.
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.	See figures in body of report for drill hole locations and cross sections.
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.	All drilling results have been reported at cut-off as shown in Tables.
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.	See 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).	See body of report.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	See figures in body of report.