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Suite 18, Level 2, Spectrum Building, 100-104 Railway Road, Subiaco 6008 Western Australia

ASX ANNOUNCEMENT

22 January 2020

Additional High Grade Mineralisation Discovered at Goulamina

Mali Lithium Ltd (ASX:MLL) ("Mali Lithium", "the Company") is pleased to announce that it has encountered additional, thick high grade mineralisation at its flagship Goulamina Lithium Project in southern Mali as part of its current drilling program.

The Company is extremely pleased with the drilling thus far, with numerous additional mineralised pegmatite intersections having been discovered. These are in many cases extensions to previously known pegmatites and indicate the potential to improve significantly the size of, and level of confidence in, the Goulamina Mineral Resource. Best results include **44m at 1.76% Li₂O** from 159m (GMRC361), **50m at 1.60%** Li₂O from 137m and **39m at 1.84%** Li₂O from 36m (GMRC362) (See Table 1 below for a more comprehensive summary of recent results).

A Mineral Resource update for Goulamina is currently anticipated around the end of March 2020. A new Ore Reserve estimate that will be incorporated into the Definitive Feasibility Study (DFS) currently underway on the project is expected approximately four weeks later, at the end of April.

Along with revising the Mineral Resource and Ore Reserve, the current drilling program is testing geophysical and structural hydrological targets within Goulamina and aiding in the completion of geotechnical testwork relating to the construction of the process plant and tailings storage facility.

Program summary

- 27 reverse circulation (RC) holes completed for 5145 metres. (see Figure 1)
- 440 assays received of 2622 submitted to date.
- Dip of Sangar 1 and Sangar 2 zones at depth is less than previously interpreted, increasing the potential tonnes per vertical metre. Assays awaited. (See Figure 1)
- Improved confidence in the Sangar I and Sangar II interpretation and mineralisation



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- Sangar II model will extend below pit shell.
- A further 36 holes remain to be drilled including:
 - o 9 RC holes at Danaya
 - o 5 exploration holes at Bara (southern extension to Goulamina)
 - o 8 exploratory water bores (640m)
 - o 3 diamond tails (270m)
 - o 11 short HQ3 diamond geotech holes (165m)

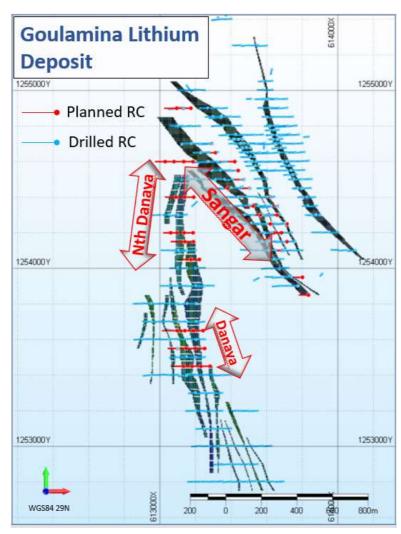


Figure 1 Resource development drilling (red) superimposed on existing drilling (blue) and original proposed Sangar and Main/West zone pits. Model is shown as a slice at 315m RL.



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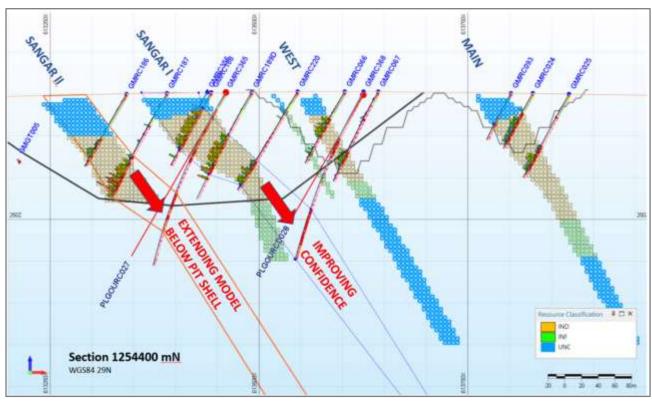


Figure 2 Section 1254400mN showing the newly modelled pegmatite intersections in Holes GMRC365 and GMRC368. The confidence in the interpretation is improved, and the model will no longer constrain the base of the pit in Sangar Il Assays awaited.

Table 1 Significant assays received to date

Significar	nt interse	ctions as a	at 20/1/	2020						
	Collar	Collar	Collar	Dip	Azi	From	To	Interval	Li2O	
HoleID	Easting	Northing	RL	Dip	AZI	(m)	(m)	(m)	(pct)	Pegmatite
GMRC358	613174	1254900	402	-60	266	231	239	8	1.59	Sangar I (Incomplete intersection to be diamond tailed)
GMRC359	613293	1254700	400	-59	266	136	150	14	1.37	Sangar I (Incomplete intersection to be diamond tailed)
GMRC360	613314	1254650	402	-60	266	105	119	14	1.23	Sangar I (Incomplete intersection to be diamond tailed)
GMRC361	613421	1254600	403	-60	266	29	49	20	1.67	Not yet modelled. West II or new pegmatite?
						159	203	44	1.76	Sangar I
GMRC362	613440	1254550	403	-61	267	137	187	50	1.60	Sangar I
						167	186	19	1.40	Sangar I
GMRC363	613504	1254450	403	-60	266	59	71	12	1.39	Not yet modelled. West II or new pegmatite?
						113	166	53	1.57	Sangar I
GMRC364	613383	1254450	401	-60	264	36	75	39	1.84	Sangar I
GMRC364	from 75m t	to end of p	rogram -	Assay	s awai	ted				



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Mali Lithium is using a laboratory in Johannesburg, South Africa for assaying. Due to high levels of drilling activity in the region, samples are currently taking six weeks to be processed. An approximate timeline of drilling to Resource/Reserve update is as follows:

- Complete drilling mid-February 2020
- Final assays received mid-March 2020
- Resource updated end of March 2020
- Reserve updated end of April 2020

A revision of the Goulamina Ore Reserve resulting from this drilling program may have a material impact on the Net Present Value (NPV) of the Project. Given that the NPV will be one of the key outputs of the DFS, the Company believes it makes sense to include these results and re-estimate the Ore Reserve prior to completion of the study. This will mean a slight delay of around six weeks in the release of the DFS, with a mid-May date now likely.

The slight delay will also allow the improved lithium recovery results announced in December 2019 to be incorporated into the study, along with an optimisation of equipment sizing that may be justified with higher recovery and longer mine life.

Managing Director Chris Evans said: "In the current market, maximising the project value and further distinguishing Goulamina as a world leading Resource makes complete sense. We look forward to doing this through the delivery of the DFS and moving ahead with the project development from there."

-ENDS-

Further Information:

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About Mali Lithium

Mali Lithium Limited (ASX:MLL) is developing the world class Goulamina Lithium Project in Mali, West Africa. Goulamina is fully permitted and is one of the world's largest uncommitted hard rock Lithium Reserves. The company is currently completing its Definitive Feasibility Study and has released the results of its Pre-Feasibility Study (PFS) on the project to



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the ASX on 4 July 2018. The Company also has a diversified commodity portfolio containing prospective gold tenements in southern Mali from which it intends to generate near term value for shareholders.

Competent Person's Declaration

The information in this announcement that relates to Exploration Results and exploration objectives is based on information compiled by Mali Lithium's Geology Manager, Mr Simon McCracken, a Competent Person. Mr McCracken is a member of the Australian Institute of Geoscientists. Mr McCracken has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity 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 ('the JORC Code')". Mr McCracken consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Annex 1 – Significant Pegmatite Intersections

Hole ID	Collar	Collar	Collar RL	Dip	Azimuth	Pegmatit	e Interval		Comment
	Easting	Northing				Depth From (m)	Depth To (m)	Down hole width (m)	
GMRC358	613174	1254900	402	-60	266	53	66	13	Not modelled
						231	238	7	Sangar II Diamond tail required to extend mineralisation interpreted 50m DH width
GMRC359	613293	1254700	400	-59	266	137	150	13	Sangar I. Diamond tail required to extend mineralisation interpreted 100m DH width
GMRC360	613314	1254650	402	-60	266	106	122	16	Sangar I. Diamond tail required to extend mineralisation interpreted 90m DH width
GMRC361	613421	1254600	403	-60	266	82	91	9	Not modelled
						159	210	51	Sangar I
GMRC362	613440	1254550	403	-61	267	128	188	60	Sangar I
GMRC363	613504	1254450	403	-60	266	31	40	9	Not modelled
						59	66	7	Not modelled
						78	83	5	Not modelled
						114	168	54	Sangar I
GMRC364	613383	1254450	401	-60	264	35	77	42	Sangar I
						133	195	62	Sangar II
GMRC365	613460	1254400	402	-59	266	23	95	72	Sangar I
						134	184	50	Sangar II
GMRC366	613625	1254350	402	-60	265	138	178	40	Sangar I
GMRC367	613661	1254350	402	-60	267	137	144	7	West I
						171	206	35	Sangar I
GMRC368	613625	1254400	403	-61	266	67	85	18	West I
						154	216	62	Sangar I
GMRC369	613567	1254300	402.5	-60	265	42	65	23	Sangar I
						115	163	48	Sangar II
GMRC370	613659	1254300	400	-61	265	29	51	22	West I

Hole ID	Collar	Collar	Collar RL	Dip	Azimuth	Pegmatit	e Interval		Comment
	Easting	Northing				Depth From (m)	Depth To (m)	Down hole width (m)	
						69	71	2	Not Modelled
						90	95	5	West II
						97	101	4	West II
						126	128	2	Not Modelled
						142	165	23	Sangar I
GMRC371	613621	1254250	400	-60	266	24	30	6	West II (Oxidised)
						43	44	1	Not modelled
						47	50	3	Not modelled
						75	109	34	Sangar I
						139	172	33	Sangar II
GMRC372	613715	1254250	400	-60	265	54	64	10	West I
						131	137	6	West II
						168	173	5	Not modelled
						202	222	20	Sangar 1
GMRC373	613641	1254200	400	-61	267	20	27	7	West I
						42	44	2	Not modelled
						75	115	40	Sangar I
						131	169	38	Sangar II
GMRC374	613683	1254200	400	-60	265	67	76	9	West II
						127	162	35	Sangar I. diamond tail required to intersect Sangar II (46m DH width expected)
GMRC375	613714	1254150	400	-59	267	72	80	8	West II
						148	193	45	Sangar I
						196	210	14	Sangar II (hole terminated in pegmatite)
GMRC376	613687	1254100	399.3	-60	267	91	168	77	Sangar I and Sangar II
GMRC377	613801	1253950	400	-60	263	65	138	73	Sangar II
GMRC378	613472	1254500	400	-59	264	48	61	13	Not modelled

Hole ID	Collar	Collar	Collar RL	Dip	Azimuth	Pegmatit	e Interval		Comment
	Easting	Northing				Depth From (m)	Depth To (m)	Down hole width (m)	
						69	71	2	Not modelled
						126	187	61	Sangar 1
GMRC379	613095	1254900	400	-61	265	9	36	27	West II
GMRC380	613132	1254900	400	-61	265	7	16	9	West II Oxide
						54	67	13	Not modelled
						109	120	11	Sangar 1
GMRC381	613097	1253650	400	-60	270	18	27	9	Danaya
						53	54	1	Danaya
						63	117	54	Danaya
						139	143	4	Danaya
GMRC382	613140	1253650	400	-60	266	7	28	21	Danaya
						57	59	2	Danaya
						64	68	4	Danaya
						70	74	4	Danaya
GMRC383	613188	1253650	400	-60	270	127	131	4	Danaya
						134	141	7	Danaya
						143	177	34	Danaya
						179	182	3	Danaya
						184	197	13	Danaya
GMRC384	613242	1253650	400	-60	270	108	127	19	Danaya
						140	142	2	Danaya
						154	199	45	Danaya
GMRC386	613147	1253550	400	-60	270	5	28	23	Danaya
						28	41	13	Danaya
						46	57	11	Danaya
						72	93	21	Danaya
						97	98	1	Danaya

Hole ID	Collar	Collar	Collar RL	Dip	Azimuth	th Pegmatite Interval			Comment
	Easting	Northing				Depth From (m)	Depth To (m)	Down hole width (m)	
						109	110	1	Danaya
						136	137	1	Danaya
						159	165	6	Danaya
						175	179	4	Danaya

ANNEX 2 - JORC Code, 2012 Edition – Table 1

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 (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. 	 One metre samples were collected using Reverse Circulation (RC) drilling with a ~140mm bit. The entire sample is collected from the cyclone on the rig in plastic bags and then split by hand using a riffle splitter to collect a nominal 2 kg sample in a prenumbered cotton sample bag. The entire sample is dried, then is crushed to 75% passing 2mm in a jaw crusher. A 1.5kgsample is split using a riffle splitter. The 1,5kg split is pulverised in a tungsten carbide ring and puck pulveriser to 805% passing 75 µm. Only samples that are not granitic material are prepared for assay. 6m composite samples are split from the collected material in logged granitic rocks. To ensure that short mineralised intervals are recognized.
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). 	All samples in the current campaign were collected using RC drilling
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. 	 The entire sample was collected from the cyclone and subsequently split by hand in a riffle splitter. Condition of the sample is recorded (ie Dry, Moist, or Wet) Where samples were wet (due to ground water there is a possibility that the assay result could be biased through loss of fine material.
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. 	 Chips were geologically logged at site in their entirety, and a representative fraction collected in a chip tray. The logs are sufficiently detailed to support Mineral Resource estimation. Logged criteria included, lithology, weathering, alteration, mineralisation,

Criteria	JORC Code explanation	Commentary
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 veining, and sample condition. Geological logging is qualitative in nature although percentages of different lithologies, sulphides, and veining are estimated.
Sub-sampling techniques and sample preparation	 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. 	 All samples are riffle split by hand using a stand-alone splitter. This technique is appropriate for collecting statistically unbiassed samples. The riffle splitter is cleaned with compressed air and soft brushes between each sample Samples are weighed to ensure a sample weight of between 2 and 3 kg. Samples of between 2 and 3 kg are considered appropriate for determination of contained lithium and other elements using the sodium peroxide fusion process. Certified reference standards, Blanks, and duplicates are inserted into the sample stream as the samples are collected at a rate of 10%. Field duplicates are inserted every 20 samples Blanks (derived from unmineralized river sand) and Certified reference material standards (CRMs) are inserted alternately every 20 samples
Quality of assay data and laboratory tests	 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 checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 Samples are analysed for Lithium using an industry standard technique SGS method ICP90A. by: drying the sample crushing the sample to 75% passing -2mm 1.5kg split by riffle splitter Pulverise to 85% passing 75 microns in a tungsten Carbide ring and puck pulveriser Samples are analysed for Lithium and other elements by ICPOES after a sodium peroxide fusion Laboratory checks include Every 50th sample is screened to confirm % passing 2mm and 75 microns. 1 reagent blank every 84 samples 1 preparation blank every 84 samples 2 weighed replicates every 84 samples 1 preparation duplicate (re split) every 84 samples 3 SRMs every 84 samples Certified reference standards, Blanks, and duplicates are inserted into

Criteria	JORC Code explanation	Commentary
		the sample stream as the samples are collected at a rate of 10%. Field duplicates are inserted every 20 samples Blanks (derived from unmineralized river sand) and Certified reference standards (CRMs) are inserted alternately every 20 samples
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. Discuss any adjustment to assay data. 	 All drilling and exploration data are stored in the company database which is hosted by an independent geological database consultant. Drilling and sampling procedures have been developed to ensure consistent sampling practices are used by site personnel. Logging and sampling data are collected on a Toughbook PC at the drill site and provided directly to the database consultant, to limit the chance of transcription errors. Where duplicate assays are measured the value is taken as the first value, and not averaged with other values for the same sample. QAQC reports are generated regularly by the database consultant to allow ongoing reviews of sample quality.
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. 	 Drill hole collars are located using GPS. Down hole dip and azimuth are collected using a Gyro measuring every 20 to 50m for RC drilling. Coordinates are recorded in UTM WGS94 29N Topographic control is considered adequate for the current drill spacing.
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. Whether sample compositing has been applied. 	 Drill holes are spaced approximately 30 to 50 metres apart on 50m spaced sections. The spacing is sufficient to establish grade and geological continuity and is appropriate for Mineral Resource and Ore Reserve estimation. Samples from unmineralized granites are collected every metre, but are composited to 6m prior to assay.
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 	 Mineralized zones are interpreted to dip moderately to the east, to northeast. Drilling is generally oriented -60 degrees due west. Intersection angles on the mineralised zone are between 35 and 65 degrees depending on the local strike of the mineralised pegmatite. True widths of mineralisation are between about about 75% and 40%

Criteria	JORC Code explanation	Commentary
	sampling bias, this should be assessed and reported if material.	 of downhole widths. The relationship between drilling orientation and structural orientation is not thought to have introduced a sampling bias.
Sample security	The measures taken to ensure sample security.	Samples are delivered from the drilling site in batches of 300 to the SGS laboratory with appropriate paperwork to ensure the chain of custody is recorded. Prepared pulps are shipped by SGS using DHL from Bamako to their South African facility for assay determination
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 QAQC checks of individual assay files are routinely made when the results are issued A QAQC report for the entire program is generated and reviewed at the end of the program to document any laboratory drift or assay bias.

1.1 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. 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. 	 The Goulamina Project is entirely within the Torakoro Exploitation Permit PE 19/25 in Mali, PE19/25 is 100% held Timbuktu Ressources SARL a 100% held subsidiary of Mali Lithium.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Mali Lithium (Formerly Birimian Gold) has completed substantial exploration in the area including soil sampling, Auger Drilling, Air-core Drilling and RC Drilling as well as limited diamond drilling. The current program was designed to infill areas of broad spaced (100m sections) drilling and extend the depth potential of the Goulamina deposit.
Geology	Deposit type, geological setting and style of mineralisation.	 The deposit is a pegmatite hosted spodumene lithium deposit. The pegmatites are hosted entirely within granitic rocks.
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 elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar 	 Drilling completed by Birimian Gold in the period from 2015 to 2018 has been reported in various market updates on the Goulamina Lithium deposit which are available on the Mali Lithium web site Drill hole collar information for all drilling in the Goulamina area is tabulated elsewhere in this report.

Criteria	JORC Code explanation	Commentary
	 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. 	
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. 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. 	 All sample lengths are 1m. a weighting of 1 has been applied to all samples. Top cuts have not been used. Metal equivalent grades have not been reported
Relationship between mineralisation widths and intercept lengths	 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'). 	 Five northwest-southeast striking pegmatite and 11 north south striking pegmatities are interpreted to dip moderately to the northeast and steeply to the east respectively. Drilling is generally oriented -60 degrees due west. Intersection angles on the mineralised pegmatites vary between 35 and 75 degrees. True widths of mineralisation vary depending on the local strike and dip of the pegmatite
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. 	•
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. 	•
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.	•
Further work	The nature and scale of planned further work (eg tests for lateral	•

Criteria	JORC Code explanation	Commentary
	 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. 	