

## CONSISTENT HIGH GRADE COPPER AT JUPITER DEEPS

Castile Resources Limited (ASX:CST) (“Castile” or “the Company”) is pleased to advise that hole 21CRD005-2B which was drilled into the Jupiter Deeps zone of the Rover 1 IOCG (“iron oxide copper gold”) ore body has returned high grade intercepts from drilling targeting the upper, copper-rich mineralised zones.

Hole 21CRD005-2B has returned:

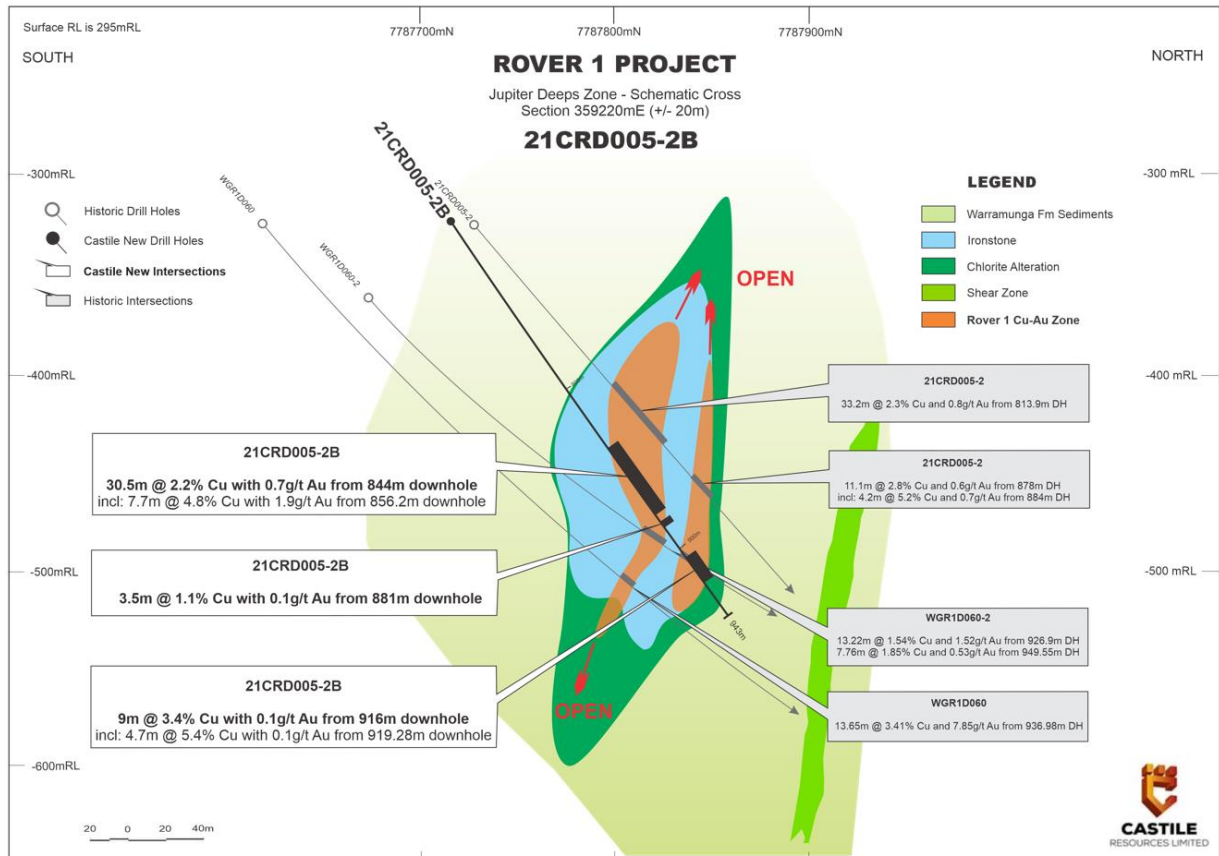
**30.5m @ 2.2% Cu with 0.7g/t Au, 0.1% Bi and 3.1g/t Ag from 844m downhole**

**incl 7.7m @ 4.8% Cu with 1.9g/t Au, 0.1% Bi, 0.1% Co and 6.1g/t Ag from 856.2m downhole**

**9m @ 3.4% Cu with 0.1g/t Au, 0.1% Bi and 2.9g/t Ag from 916m downhole**

**incl 4.7m @ 5.4% Cu with 0.1g/t Au, 0.1% Bi and 4.4g/t Ag from 919.3m downhole**

**Figure 1: Schematic Cross Section of Hole 21CRD005-2B**





ASX Announcement

18 November 2021

Castile Managing Director, Mark Hepburn commented:

“We continue to expand the Jupiter Deeps lode with this latest hole featuring yet more outstanding, wide, high-grade copper intercepts. The results from the Jupiter Deeps IOCG orebody have been very consistent along with the main Jupiter zone and we look forward to the outcomes of the new resource estimate that is underway. There is core from one more wedge (21CRD005-3) from this primary hole into Jupiter Deeps currently in the laboratory awaiting assay. This will conclude our resource definition drilling program for Rover 1. The project will now move through the pre-development stages with additional evaluation at depth planned from underground”.

Mark Hepburn

Managing Director

Castile Resources Limited

For further information please contact: [info@castile.com.au](mailto:info@castile.com.au)

Phone: +61 89488 4480

Castile Resources Limited

7/189 St Georges Terrace Perth, WA, 6000

This announcement was approved for release by the Castile Resources Board of Directors

#### Competent Person Statement

The exploration results contained in this report are based on, and fairly and accurately represent the information and supporting documentation prepared by Mark Savage. Mr Savage is a full-time employee of Castile, and a Member of The Australasian Institute of Mining and Metallurgy. Mr Savage has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves. Mr Savage consents to the inclusion in the report of the matters based on the exploration results in the form and context in which they appear.



### Forward Looking Statements

Certain statements in this report relate to the future, including forward looking statements relating to Castile's financial position and strategy. These forward-looking statements involve known and unknown risks, uncertainties, assumptions, and other important factors that could cause the actual results, performance, or achievements of Castile to be materially different from future results, performance or achievements expressed or implied by such statements

Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement and deviations are both normal and to be expected. Other than required by law, neither Castile, their officers nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward-looking statements will occur. You are cautioned not to place undue reliance on those statements.

For personal

**Table 1: Significant Intersections returned from Hole 21CRD005-2B**

Project	Deposit	Hole_ID	mFrom	MGA_E	MGA_N	RL	EOH	Dip	MGA_Azi	Commentary
Rover	Rover_1	21CRD005-2B	844	359202	7787400	295	943.3	67.7	357.9	30.5m @ 2.2% Cu with 0.7g/t Au, 0.1% Bi, 0% Co and 3.1g/t Ag from 844m downhole
Rover	Rover_1	21CRD005-2B	856.2	359202	7787400	295	943.3	67.7	357.9	inc 7.7m @ 4.8% Cu with 1.9g/t Au, 0.1% Bi, 0.1% Co and 6.1g/t Ag from 856.2m downhole
Rover	Rover_1	21CRD005-2B	881	359202	7787400	295	943.3	67.7	357.9	3.5m @ 1.1% Cu with 0.1g/t Au, 0% Bi, 0% Co and 1.1g/t Ag from 881m downhole
Rover	Rover_1	21CRD005-2B	916	359202	7787400	295	943.3	67.7	357.9	9m @ 3.4% Cu with 0.1g/t Au, 0.1% Bi, 0% Co and 2.9g/t Ag from 916m downhole
Rover	Rover_1	21CRD005-2B	919.28	359202	7787400	295	943.3	67.7	357.9	inc 4.7m @ 5.4% Cu with 0.1g/t Au, 0.1% Bi, 0% Co and 4.4g/t Ag from 919.28m downhole

**Section 1 Sampling Techniques and Data**

**(Criteria in this section apply to all succeeding sections.)**

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>All data used in the following sections at Rover 1 has been gathered from diamond core. Multiple sizes have been used historically; HQ, NQ and BQ.</li> <li>Samples are selected to lie on geological boundaries, with intervals selected of lengths between 0.1 to 1.1m. Samples are halved using an automatic core saw then individual samples collected in prenumbered calico sample bags.</li> <li>To ensure representivity of analysis, field blanks and certified reference material is inserted in a nominal ratio of 1:20 samples.</li> <li>Sample recovery is recorded on retrieval of the core tube, measuring recovered core against drill string advance. No apparent relationship has been observed between sample recovery and grade. No has sample bias due to preferential loss or gain of fine or coarse material been noted.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</li> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> </ul>	<ul style="list-style-type: none"> <li>All geological data has been visually logged and validated by the relevant area geologists, recording lithology, alteration, mineralisation, structure, veining, magnetic susceptibility and geotechnical data.</li> <li>Logging is quantitative in nature.</li> <li>All holes are logged completely.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li><i>The total length and percentage of the relevant intersections logged.</i></li> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>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.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>Diamond Drilling - Half-core niche samples, sub-set via geological features as appropriate.</li> <li>Core undergoes total preparation.</li> <li>For the 2021 field season, sample preparation process consists of; <ul style="list-style-type: none"> <li>Half ore samples of between 0.5 to 3kg are whole crushed using a Boyd Crusher to achieve a maximum sample size of 2mm.</li> <li>A cone splitter is used to split 1kg of material which is pulverised in a Keegor mill to a nominal 100µm particle size., then roll mixed to homogenise the sample.</li> <li>The mill inserts a barren coarse flush after every sample.</li> <li>From the analysis sample, 40g is taken for fire assay, while a 0.2g portion is taken for acid digestion. These samples are extracted from the packet with a spatula and weighed out.</li> </ul> </li> <li>QA/QC is ensured during sampling via the use of sample ledgers, blanks, standards and repeats.</li> <li>QA/QC is ensured during the assays process via the use of blanks, standards and repeats at a NATA / ISO accredited laboratory.</li> <li>Repeatability is performed by selecting 1:20 coarse reject material as field duplicates and re-assayed.</li> <li>The sample sizes are considered appropriate to the grain size of the material being sampled.</li> <li>The un-sampled half of diamond core is retained for check sampling if required.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>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.</i></li> <li><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been</i></li> </ul>	<ul style="list-style-type: none"> <li>Analysis of drill core for Au, Ag, Bi, Co, Cu, Pb and Zn is as follows; <ul style="list-style-type: none"> <li>Gold (Au-AAS scheme – lower detection limit = 0.01ppm, upper detection limit = 100ppm). A 30-40g charge of prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents and then cupelled to yield a precious metal bead.</li> <li>The bead is then dissolved in acid and analysed by atomic absorption spectroscopy against matrix-matched</li> </ul> </li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>established.</i>	<p>standards.</p> <ul style="list-style-type: none"> <li>○ Samples returning assay values in excess of 100g/t Au were repeated using the screen-fire method.</li> <li>○ Silver, bismuth, cobalt, copper, lead and zinc samples are digested using a 4-acid digest.</li> <li>○ The subsequent solution is analysed by inductively coupled plasma - atomic emission spectroscopy or by atomic absorption spectrometry.</li> </ul> <ul style="list-style-type: none"> <li>● No significant QA/QC issues have arisen in recent drilling results.</li> <li>● These assay methodologies are appropriate for the style of mineral deposit under consideration.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>● <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>● <i>The use of twinned holes.</i></li> <li>● <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li>● <i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>● Anomalous intervals as well as random intervals are routinely checked assayed as part of the internal QA/QC process.</li> <li>● Several twinned holes have been drilled with no significant issues highlighted.</li> <li>● Primary data is collected on a ruggedised computer, on predefined and self-validating worksheets. This data is imported into a relational database (DataShed) and is backed up regularly.</li> <li>● All data used in the calculation of resources is compiled in databases which are overseen and validated by senior geologists.</li> <li>● No primary assays data is modified in any way.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>● <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></li> <li>● <i>Specification of the grid system used.</i></li> <li>● <i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>● All data is spatially oriented by survey controls via direct pickups by the survey department. Drillholes are all surveyed downhole. Modern holes are surveyed by Gyro tools.</li> <li>● All drilling and resource estimation is undertaken in MGA grid.</li> <li>● Topographic control is generated from a combination of aerial photogrammetry and ground-based surveys. This methodology is considered adequate for the resource in question.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>● <i>Data spacing for reporting of Exploration Results.</i></li> <li>● <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></li> <li>● <i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>● Drilling has been undertaken on a nominal 40x40m spacing, infilled to a nominal 20x20m spacing where significant mineralisation has been identified.</li> <li>● No compositing of primary samples is undertaken prior to analysis.</li> </ul>
<b>Orientation of data in</b>	<ul style="list-style-type: none"> <li>● <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the</i></li> </ul>	<ul style="list-style-type: none"> <li>● Drilling intersections are nominally designed to be normal to the orebody under consideration as far</li> </ul>



Criteria	JORC Code explanation	Commentary
<b>relation to geological structure</b>	<p><i>extent to which this is known, considering the deposit type.</i></p> <ul style="list-style-type: none"> <li><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></li> </ul>	<p>topography and economics allows.</p> <ul style="list-style-type: none"> <li>It is not considered that drilling orientation has introduced an appreciable sampling bias.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>Individual samples in calico samples are collected in groups of 5 and placed into poly weave bags and secured with a zip-tie. All poly weave bags of a submission are then placed within a bulka bag, which is then sealed before delivery to a third-party transport service who provides a tracking number. The transport contractor then relays the samples to the independent laboratory contractor.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Site generated data is routinely reviewed by the Castile corporate technical team.</li> </ul>

For persons only



**Section 2 Reporting of Exploration Results**

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>The Tennant Creek Project comprises 5 granted exploration leases.</li> <li>Native title interests are recorded against the Tennant Creek tenements.</li> <li>The Tennant Creek tenements are held by Castile Resources exclusively.</li> <li>Third party royalties exist across various tenements at Tennant Creek, over and above the Northern Territory government royalty.</li> <li>Castile operates in accordance with all environmental conditions set down as conditions for grant of the leases.</li> <li>There are no known issues regarding security of tenure.</li> <li>There are no known impediments to continued operation.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>The Tennant Creek area has an exploration and production history in excess of 100 years.</li> <li>The Rover area in particular has an intensive exploration history stretching from the 1970's.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The Rover Project is presently considered to be associated with a southern repeat of the 1860-1850Ma Warramunga Province, in particular, the Paleoproterozoic Ooradidgee Formation, after recent geochronology work undertaken by NTGS . This is a weakly metamorphosed succession of partly tuffaceous sandstones and siltstones and turbidite shales. Locally the turbidite metasediments are variably altered by hematite and silica flooding.</li> <li>Mineralisation is mainly of the Iron Ore Copper-Gold (IOCG) type, particularly the Tennant Creek sub-type. Massive ironstone comprised of magnetite or hematite +/-quartz is interpreted to be alteration of metasediments within a structural trap.</li> <li>Copper manifests as of chalcopyrite, associated with breccia fill within magnetite-quartz ironstones and Jasper/BIF that often form an alteration transition to a chlorite alteration envelope. Pervasive sub-economic copper levels can persist throughout the zone. Economic levels of copper are dominantly contained in the lower massive magnetite zone of the ironstone bodies,</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>particularly where intense chlorite alteration replaces magnetite laterally and at depth, grading into magnetite chlorite stringer zones. Gold content is related to an increase in haematite dusted quartz veins, with bonanza grades associated with massive pyrite with subordinate bismuthite. Cobalt appears to have a direct relationship with pyrite.</p> <ul style="list-style-type: none"> <li>Lead and zinc mineralisation at Explorer 108 is associated with a brecciated, dolomitised metasedimentary unit, consisting of irregular, generally narrow bands or veins of semi-massive sphalerite and galena. A basal “high-grade” zone is present at the contact of the altered metasediments and lower felsic volcanoclastic unit.</li> <li>It is postulated that Explorer 108 mineralisation is an analogue of Mt Isa style base metal mineralisation.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>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"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration results are presented in Tables 1 and 2 of the ASX release dated 24/05/2021 related to this edition of JORC Table 1.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>Results are reported on a length weighted average basis.</li> <li>Results are reported above a 1gm Au / Au Eq. cut-off / 1%<i>m</i> Pb + Zn and 1%<i>m</i> Cu.</li> <li>Results reported may include up to three metres of internal dilution below a 0.5g/t Au / Au Eq. cut-off / 0.5% Pb + Zn / 0.5%<i>m</i> Cu.</li> <li>Metal equivalent values are reported based on the ratio of prevailing commodity prices which are given above.</li> </ul>
<b>Relationship between</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>Interval widths are reported as downhole width unless otherwise stated.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Diagrams are presented in the ASX release dated 24/05/2021 related to this edition of JORC Table 1.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Completed drilling where analysis is available is reported.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Geological information related to the reported results is presented in the ASX release dated 24/05/2021 related to this edition of JORC Table 1.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Ongoing exploration and mine planning assessment continues to take place at the Rover Project.</li> </ul>

**Section 3 Estimation and Reporting of Mineral Resources**  
(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
<b>Database integrity</b>	<ul style="list-style-type: none"> <li>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</li> <li>Data validation procedures used.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Site visits</b>	<ul style="list-style-type: none"> <li>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</li> <li>If no site visits have been undertaken indicate why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>Mr Savage has been on-site supervising the drilling program relating to the results under consideration.</li> </ul>
<b>Geological interpretation</b>	<ul style="list-style-type: none"> <li>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</li> <li>Nature of the data used and of any assumptions made.</li> <li>The effect, if any, of alternative interpretations on Mineral Resource estimation.</li> <li>The use of geology in guiding and controlling Mineral Resource estimation.</li> <li>The factors affecting continuity both of grade and geology.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Estimation and modelling techniques</b>	<ul style="list-style-type: none"> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Any assumptions behind modelling of selective mining units.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> <li>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</li> </ul>	
<b>Moisture</b>	<ul style="list-style-type: none"> <li>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Cut-off parameters</b>	<ul style="list-style-type: none"> <li>The basis of the adopted cut-off grade(s) or quality parameters applied.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Mining factors or assumptions</b>	<ul style="list-style-type: none"> <li>Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Metallurgical factors or assumptions</b>	<ul style="list-style-type: none"> <li>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>
<b>Environmental factors or assumptions</b>	<ul style="list-style-type: none"> <li>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a</li> </ul>	<ul style="list-style-type: none"> <li>No new Resource information is being presented.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</i></p>	
<b>Bulk density</b>	<ul style="list-style-type: none"> <li>• <i>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</i></li> <li>• <i>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.</i></li> <li>• <i>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Bulk density of mineralisation at the Rover Project is variable, dependant on lithology, alteration and mineralisation.</li> <li>• Geological technicians perform routine density test-work on core samples of both host rock and mineralisation.</li> <li>• Density measurements have been determined using the water immersion technique.</li> <li>• Bulk density is assigned by lithology.</li> </ul>
<b>Classification</b>	<ul style="list-style-type: none"> <li>• <i>The basis for the classification of the Mineral Resources into varying confidence categories.</i></li> <li>• <i>Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i></li> <li>• <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Resources are classified in line with JORC guidelines utilising a combination of estimation quality parameters, and geological knowledge.</li> <li>• This approach considers all relevant factors and reflects the Competent Person's view of the deposit.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of Mineral Resource estimates.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Resource estimates are peer reviewed by the site technical team as well as Westgold's Corporate technical team.</li> </ul>
<b>Discussion of relative accuracy/confidence</b>	<ul style="list-style-type: none"> <li>• <i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i></li> <li>• <i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation</i></li> </ul>	<ul style="list-style-type: none"> <li>• All currently reported resources estimates are considered robust, and representative of deposits on a global scale.</li> <li>• No production data exists to compare the resource estimate against.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<p><i>should include assumptions made and the procedures used.</i></p> <ul style="list-style-type: none"><li>• <i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i></li></ul>	

For personal use only