



ASX ANNOUNCEMENT

21 October 2021

## NMR seize an opportunity to explore a Mineralised Breccia Pipe in North Queensland

### Highlights:

- NMR is announcing a new Exploration Permit (EPM28038) over a sulfide-bearing breccia pipe referred to as the *Maneater Breccia*
- Previous explorer results from the target area include surface samples exhibiting grades of >2 g/t Au, 65 g/t Ag and up to 14.9 % Pb
- A single diamond drill hole contains over 300m down-hole length of sulfides reported in a clast-supported breccia. Sections of drill core have reported over 80% sulfides and up to 100% massive sulfides (e.g. @240m down hole)
- The sulfide assemblage is dominated by lead, zinc and silver, but with increasing copper (as chalcopyrite) with depth. The metal assemblage is similar to that found immediately overlying the primary zone of mineralisation found at the >1 Moz Au Mt Wright (breccia pipe) gold deposit located approximately 380 kilometers south
- The new tenement will complement NMR's exploration strategy at the Company's nearby Palmerville Copper Project with simultaneous work programs to be completed next field season
- NMR are targeting gold and copper mineralisation below the identified zone of silver, base metal and pyrite mineralisation

**Native Mineral Resources Holdings Limited** (ASX: NMR), or ("NMR" the "Company"), is pleased to announce the application for a new 62km<sup>2</sup> exploration tenement (EPM28038) near its existing Palmerville Copper project in North Queensland, Australia.

Preliminary work conducted by NMR has identified significant near-term exploration potential within EPM28038, which contains a sulfide-bearing, intrusion-related breccia pipe occurring as a significant topographic high (Maneater Hill) centrally located within the tenement. The reported mineralisation and metal zoning found at the Maneater Breccia shares many similarities with the upper part of the >1Moz Au Mt Wright (breccia pipe) gold deposit, indicating a deposit may exist at depth, below the current limits of drilling.

### Management Commentary

**NMR's Managing Director, Blake Cannavo, commented:** "We are delighted to have submitted this application over what we believe to be an exciting and highly complementary exploration target for NMR's copper and gold portfolio. The Maneater Breccia lies only 100km west of Cairns, near to major towns and infrastructure and is proximal to NMR's primary copper focus area at Palmerville.

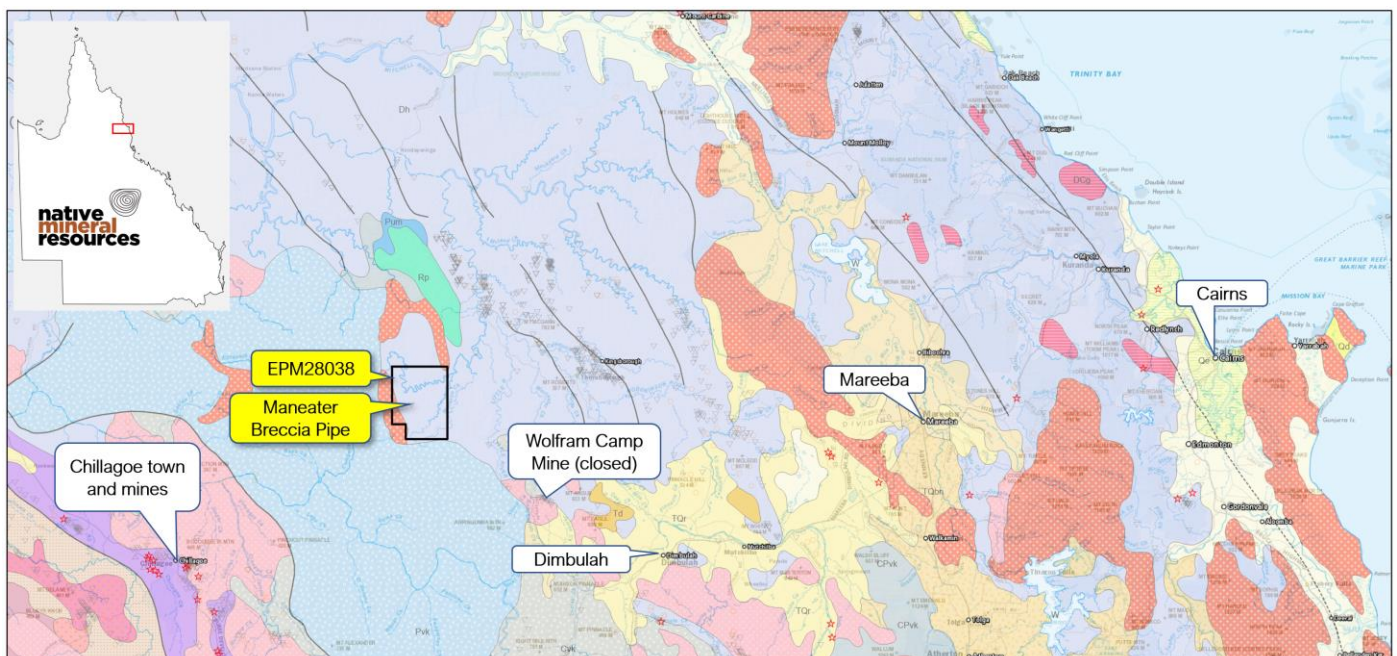
*Preliminary work completed by our technical team suggests the Maneater Breccia has considerable potential to host further sulfide mineralisation at depth. Once the tenement is successfully granted, we will be undertaking an exploration campaign to further test the surface geology, prior to drilling to test mineralisation at depth. Planning is well advanced for the 2022 field season in North Queensland, and we look forward to providing further updates on our exploration strategy to advance several encouraging copper targets in due course."*

The Maneater Peak breccia is unique within this region by virtue of firstly, it's size - no other large breccia was located, secondly it's morphology - no other clast supported breccia was located and thirdly it's alteration - no other area was located of as extensive silica, sericite, pyrite alteration.

*Figure 1. Text extract from report CR15425 highlighting previous explorer observations of the Maneater Breccia.*

### **MANEATER HILL, QLD (EPM application 28038)**

NMR have applied a new 62km<sup>2</sup> exploration permit (EPM28038) over a mineralised breccia pipe located approximately 100km west of Cairns and 35km northeast of the established mining town of Chillagoe in Northern Queensland (Figure 1). The target is a sulfide-bearing, intrusion-related breccia pipe which occurs as a significant topographic high (Maneater Hill) centrally located within the tenement. Existing information on the breccia pipe points towards a high potential for breccia-hosted copper and gold mineralisation below the predominantly silver, lead and zinc mineralisation identified near surface and in a single diamond drill hole completed in 1995.



*Figure 2. Map showing the location of the exploration permit application EPM28038 located approximately 100 kilometres west of Cairns in Northern Queensland. The base map is the regional 1:5M geology map of Queensland. The tenement and target are located proximal to existing mining infrastructure at Chillagoe, Mareeba and Cairns.*

The breccia pipe is an irregularly shaped structure approximately 500m long and 250m wide outcropping as a prominent rocky hill. The breccia is hosted within the extensive poly-deformed metasediments of the Hodgkinson Province (Figure 3). Previous exploration in the area has included soil and rock chip sampling and a single diamond drill hole.

The most recent exploration on the tenement was carried out by Renison Goldfields Consolidated over several years until 1996. A single diamond drill hole was completed in 1995 (MPD001 to a depth of 365.8m, Azi 285°, dip 53°) which revealed a pyrite-dominated, clast-supported breccia along with abundant sulfides including, but not limited to, galena (lead sulfide), sphalerite (zinc sulfide) and chalcopyrite (iron-copper sulfide) mineralisation. It has been noted by Bresser, (1996) that “Base metal mineralisation became more prevalent and coarser with depth as pyrrhotite also increased with depth and around intense brecciation content increases depth of approximately 240m down hole”. At approximately 240m down hole, sulfide abundance is up to 100% massive sulfide over sub-meter section. Chalcopyrite is only present in the core (based on logging) below 134m down-hole depth.

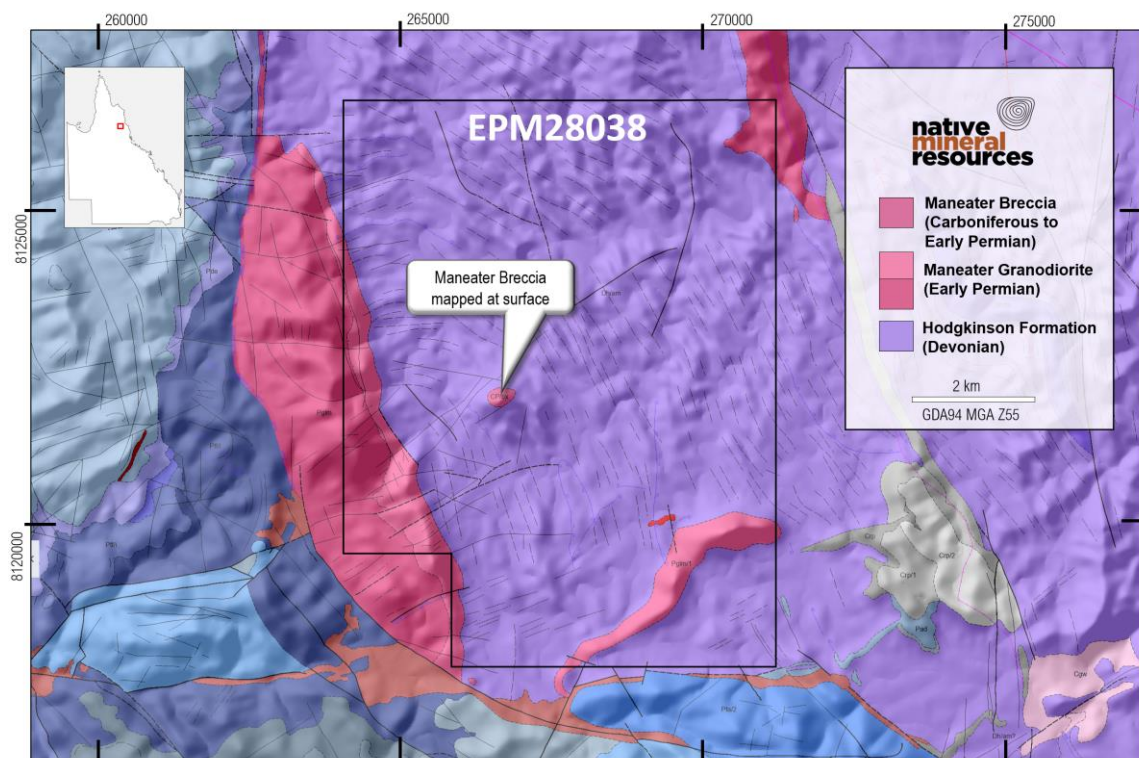


Figure 3. Simplified geology map of the area on and around application EPM28038. The target Maneater Breccia is located near the centre of the tenement and crops out as a prominent hill within the lower topography of the surrounding area which is dominated by the metamorphic rocks of the Hodgkinson Province. 1:100,000 Solid Geology map obtained from QLD governments GeoResGlobe, 10 October 2021. Grid reference is GDA94 MGA Zone 55.

### Previous Exploration

A review of existing data, and a comparison of this data with other similar, and recently mined breccia-hosted mineral deposits including the >1 Moz Au Mt Wright breccia pipe (previously owned and operated by Resolute Mining Limited) suggests that the high lead, zinc and silver grades, together with relatively low copper and gold grades with sericite and silica alteration, that the current level of exposure may be above the zone of copper gold mineralisation (Figure 4). The breccia pipe forms a prominent topographic high (Maneater Hill), with both breccia and mineralisation present at the surface.

### Features of significance reported by previous explorers

- 1) Rock chip samples from a vein adjacent to the breccia pipe of 2.05g/t Au and 65g/t Ag (sample number s40208; Stevens-Hoare & Robinson 1985).
- 2) Other samples returning grades of 14.9% Pb (Sample number s40266) and 9.45% Pb (Sample number s40017; Stevens-Hoare & Robinson 1985).



**Significant observations reported in diamond drill hole log** (\*note that the diamond drill hole was oriented at a dip of -53°, across the vertical mineralised breccia pipe).

- 1) Increasing base metal abundance with depth.
- 2) Diamond drill hole intersected sulfide-bearing breccia over a 300m intersection (not true width) of the breccia from 48m to 356m down hole depth.
- 3) Lead-, zinc- plus pyrite-dominated sulfide assemblage in the majority of the drill core.
- 4) Chalcopyrite (CuFeS<sub>2</sub>) reported below 134m in drill core.
- 5) 2m interval at 8g/t silver assay from sample Q26238 between 74m and 76m down hole depth.
- 6) Open space cavities noted throughout drill core but decreasing in abundance with depth
- 7) The interpreted age of the Breccia Pipe (Late Carboniferous - Early Permian) is the same as Resolute Mining Limited's Welcome and Mt Wright Breccia pipe located approximately 360-380 kilometres to the south respectively.
- 8) The breccia forms a distinctive topographic high, similar to Mt Wright, Kidston and Mt Leyshon, as well as other breccia-hosted deposits found in north Queensland.
- 9) Cavities noted in drill core suggesting high levels (i.e. close to the Earth's surface at the time of intrusion) within the breccia system.

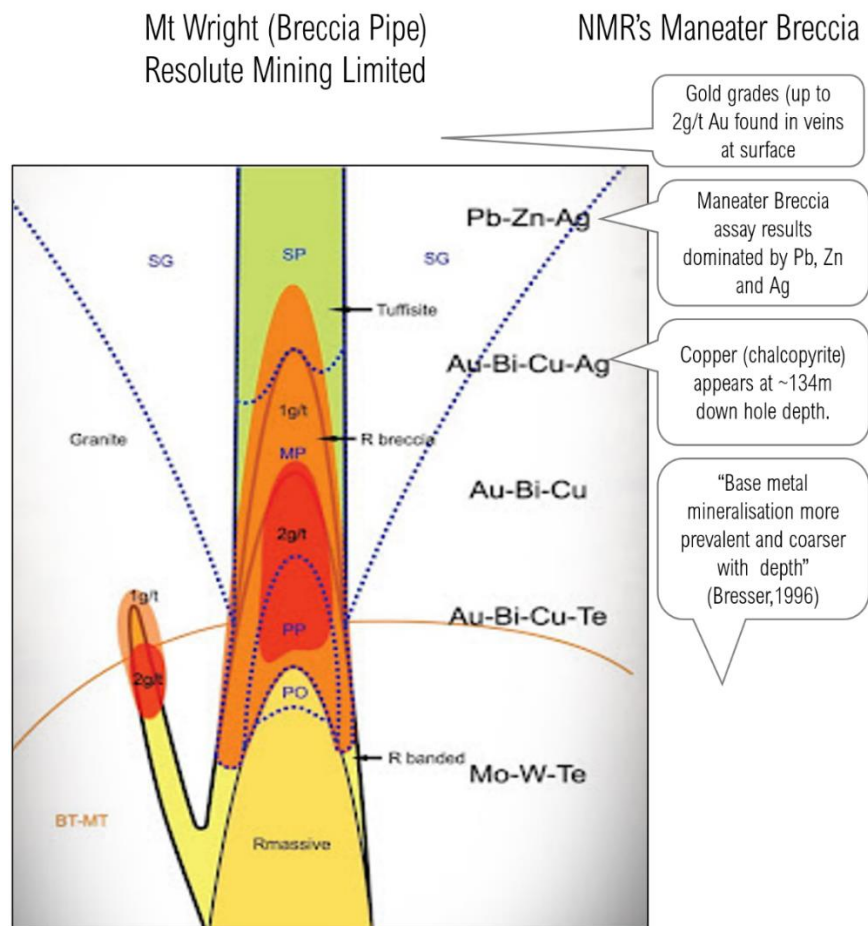


Figure 4. Schematic diagram from Resolute Mining's Mt Wright Breccia Pipe showing the metal zoning observed in association with gold mineralisation at depth. A review of existing data contained within publicly accessible reports from previous explorers shows similarities with the zoning observed at the Mt Wright Breccia including a zone of high lead, zinc, and silver but low gold near the top of the breccia and above the zone of primary gold mineralisation. Features found at the maneater breccia are listed on the right-hand side of the cross section. The schematic section through the Mt Wright Breccia Pipe obtained from a Resolute Mining Limited public presentation (2013). The upper part of the metal zoning is analogous to the results from the single drill hole in the Maneater Breccia on EPM 28038.

NMR are using existing information combined with new geological knowledge of mineralised breccia systems in Queensland to further explore the potential for copper and gold mineralisation at the Maneater Breccia, below the current level of drilling. A well-defined Pb-Zn-Ag dominated zone has already been recognised by previous explorers and NMR are interpreting this sulfide and metal assemblage as indicative of the top part of a mineralised breccia such as discovered at Mt Wright. The presence of lead and zinc in the drill core and increasing copper near the base of the drill core indicates that the current level of exposure of the Maneater Breccia may be near the upper part of a breccia pipe and the gold and copper mineralisation lies at greater depth, beyond the current limits of drilling or any sampling. The annotated cross-section shown in Figure 4 is for the Mt Wright gold breccia system (Mt. Wright Gold Mine – Resource of 1.3 million ounces of gold,) and is presented here to show some of the similarities observed between the Maneater Breccia and the Mt Wright deposit. After an initial data review NMR considers Maneater Hill a high potential target for mineralisation that was unrecognised by previous tenement holders due, in part, by the lack of knowledge about metal and alteration zoning around this unique style of deposit.

### **FUTURE WORK PLANNED**

Following the grant of the tenement, NMR will embark on a field-based exploration campaign to review the surface geology and to plan for a diamond drill hole into the deeper section of the breccia where interpreted sulfide assemblage vectors to mineralisation show positive indicators for increasing gold and copper at depth.

Importantly, NMR will complete the exploration work in parallel with planned field work over its high priority copper targets in the northern Palmerville Project area including the Leane's, Glenroy and Fairlight prospects. Further updates on these programs will be provided in due course.

**-Ends-**

The Board of Native Mineral Resources Holdings Ltd authorised this announcement to be lodged with the ASX.

For more information, please visit [www.nmresources.com.au](http://www.nmresources.com.au) or contact:

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### **Competent Person Statement:**

The information in this report relating to Exploration Results is based on information provided to Dr Simon Richards, a Competent Person who is a Member of the Australian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy. Dr Simon Richards is a full-time employee of Native Mineral Resources. Dr Richards has sufficient experience that is relevant to the styles 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, Mineral Resources and Ore Reserves'. Dr Richards has no potential conflict of interest in accepting Competent Person responsibility for the information presented in this report and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Native Mineral Resources Holdings Limited | ABN 93 643 293 716**

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## References

Bresser, H. 1996. *A to P 3632M – DIMBULAH, EPM 10251 Relinquishment Report, 1996. 13029602, Vol 1 of 1, RENISON Limited, unpublished, CR28332.*

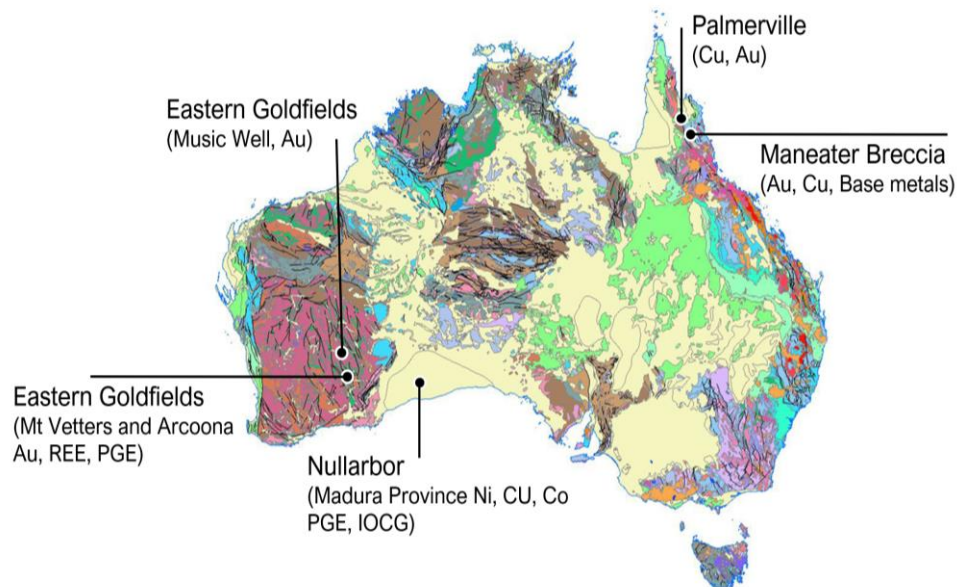
Stevens-Hoare, N. Robinson, K. 1985. *Authority to Prospect 3672 M, Mt Mulligan. 5/6/1985 to 5/12/1985, Q5/85, Gold Fields Exploration Brisbane CR1542.*

### About Native Mineral Resources:

**Native Mineral Resources** (ASX: NMR) is an Australian publicly listed minerals exploration company established to explore for copper and gold deposits in the Palmerville region in North Queensland and for gold, Ni and IOCG deposits in the Eastern Goldfields and Nullarbor region in Western Australia.

Region	Tenement ID	Tenement Name	Date Granted	Sub-Block	Km Square (approx.)
Queensland	EPM 11980	Limestone Creek	3-Jun-05	4	13.16
Queensland	EPM 18325	Bald Hills*	30-Jul-12	15	49.35
Queensland	EPM 19537	Mitchell River South	21-Jan-08	33	108.57
Queensland	EPM 26891	Palmerville North	29-Jan-19	63	207.27
Queensland	EPM 26893	Palmerville West	29-Jan-19	100	329
Queensland	EPM 26894	Palmerville East	1-Apr-19	84	276.36
Queensland	EPM 26895	Palmerville South	31-Jan-19	89	292.81
Queensland	EPM 27396	East Palmerville North	4-Jun-20	100	329
Queensland	EPM 27452	East Palmerville South	2-Feb-21	65	213.85
Queensland	EPM 17850	Mount Morgan	Transfer	13	41.6
<b>Queensland</b>	<b>EPM 28038</b>	<b>Maneater Hill</b>	<b>In Application</b>	<b>19</b>	<b>62.51</b>
WA	E37/1362	Music Well	17-Sep-19	58	190.82
WA	E37/1363	Music Well	17-Sep-19	39	128.31
WA	E31/1203	Arcoona	19-Nov-20	61	200.69
WA	E24/210	Mt Vettors	26-Jul-21	35	115.15
WA	E69/3852	Nullarbor North	In Application	41	121.5
WA	E69/3850	Nullarbor Central	In Application	26	76.65
WA	E69/3849	Nullarbor South	In Application	25	73.7

Table 1. List of NMR tenements granted and in-application. Maneater tenement EPM28038 is highlighted in yellow.



*Figure 5. Native Mineral Resources' exploration portfolio focussed on Cu, Au, Ni and PGE in key geological provinces of Australia*

### **Palmerville Project**

The Palmerville Project is the Company's principal exploration asset and covers a near continuous strike length of 130km over an area of ~1,820km<sup>2</sup> centred 200km west-northwest of Cairns in North Queensland. The Project is considered prospective for the following deposit styles:

- Copper-zinc-gold volcanic massive Sulfide or vein-style mineralisation.
- Porphyry- and skarn-associated copper-zinc-gold mineralisation in Chillagoe Formation limestone-dominant strata.
- Porphyry-related copper-gold mineralisation in non-carbonate lithologies.
- Orogenic-style gold-antimony mineralisation.
- Epithermal gold mineralisation distal to porphyry intrusions
- Alluvial gold akin to the historic Palmerville Goldfield.

Exploration results released in May 2021 (see ASX release "High-grade Copper confirmed within NMR's Palmerville project" 04 May 2021)

### **Eastern Goldfield Project**

The Yilgarn Craton is one of Australia's premier mineral provinces and host to major deposits of gold, nickel, zinc, silver, tantalum and iron ore and other commodities. Recent exploration success has discovered new gold deposits that are intrusion-related gold systems (IRGS), which has led to a greater exploration focus in areas that have received little exploration focus.

NMR has a landholding of 540km<sup>2</sup> in the Eastern Goldfields between Kalgoorlie and Leonora, in areas of prospective intrusive rocks, close to operating gold mines. The tenements are underexplored and offer opportunities to discover relatively new concepts of gold mineralisation.

### **Nullarbor Greenfields Ni and IOCG exploration**

NMR are anticipating the granting of three tenements in the central Nullarbor in coming days or weeks of this announcement (October 2021). Tenement E69/3852 is the northern most target area and is being explored for Nova-Bollinger-style intrusive related Nickel mineralisation. Plans are underway to complete an airborne

magnetic survey and follow up geophysics and drilling. Tenement E69/3850 is also planned for airborne magnetics and the results of this survey will be announced when completed. The target on E69/3850 is a prominent magnetic high located above a deep penetrating (sub-mantle) low-resistivity zone that has many of the characteristics of the same low-resistivity zone found beneath the giant Olympic Dam IOCG-U deposit in the Gawler Craton, South Australia. Drilling will be completed at this target following further targeting using geophysical methods to pin down the target and target depth below cover.

## 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
	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	No samples collected. All reference to samples and results have been obtained from previous company reports (with specific references provided in the text of the body text). Reports are available on the Queensland Government public access data portal via GeoResGlobe. The type, interval and grades are all reported as they appear in the company reports.
	<ul style="list-style-type: none"> <li><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> </ul>	No samples collected. Sample assays and results are obtained from previous reports (as stipulated above). A comprehensive review of the reports and available sampling methods has been completed by NMR geologists including SWR. The results presented appear to be in good standing and are reliable for reporting and further geological investigation as proposed.
	<ul style="list-style-type: none"> <li><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> </ul>	The target mineralisation is base metal (Pb, Zn, Cu) and silver and gold. The principal target elements are Gold and Copper. All of these elements have been reported by previous explorers.
	<ul style="list-style-type: none"> <li><i>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 30g charge for fire assay'), In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i></li> </ul>	N/A
Drilling techniques	<ul style="list-style-type: none"> <li><i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary aid 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 orientated and if so by what method, etc.).</i></li> </ul>	No drilling was completed as part of this announcement; however, reference is made to previous explorers drilling which is available, including comprehensive drill logs and assay results in report by Bresser, 1996. Drilling was reported to be diamond drilling HQ with NQ diamond tails.
Drill sample recovery	<ul style="list-style-type: none"> <li><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> </ul>	According to the drill log and associated assay tables, diamond core was sampled at 2m intervals. Any assays provided for drill core intersects are for a 2m interval with the interval from 0 and to depth provided.
	<ul style="list-style-type: none"> <li><i>Measures taken to maximise sample recovery and ensure representative nature of samples</i></li> </ul>	N/A



	<ul style="list-style-type: none"> <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>	N/A
Logging	<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> </ul>	Drill logs are extremely detailed and available for public access and review. The logs are contained within report Bresser, 1996.
	<ul style="list-style-type: none"> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.,) photography.</li> </ul>	The drill logs obtained by NMR for initial review is qualitative only, however, semi-quantitative measurements of sulfides and quantitative assay results are provided for the drill core.
	<ul style="list-style-type: none"> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	N/A
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>If non-core, whether riffles, tube sampled, rotary split, etc., and whether sampled wet or dry</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> </ul>	All sampling and assay results appear to have been completed on the same 2m intervals of drill core, therefore the relative grades can be compared across the full length of the drill core.
	<ul style="list-style-type: none"> <li>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.</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	N/A
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instruments make and model, reading times, calibrations factors applied and their derivation, etc.</li> </ul>	N/A
	<ul style="list-style-type: none"> <li>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 established.</li> </ul>	N/A
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> </ul>	No verification of assays has been completed. The attached announcement represents the results from a comprehensive review of all previous sampling and drilling that has been completed on the tenement. Following granting of the tenement, NMR will complete a field campaign to confirm results contained within eh reports referred to here.

	<ul style="list-style-type: none"> <li>• <i>The use of twinned holes.</i></li> </ul>	N/A
	<ul style="list-style-type: none"> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> </ul>	N/A.
	<ul style="list-style-type: none"> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>	No assay data have been changed or modified and all assays are provided as they appear in the report, along with the associated sample number for independent checking of results.
<i>Location of data points</i>	<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> </ul>	NMR have completed multiple checks on the drill collar location and drill hole survey details. A local (site-specific) sampling grid was used by Renison Goldfields Consolidated, however, precise surface sample locations are not provided here until sites can be confirmed.
	<ul style="list-style-type: none"> <li>• <i>Specification of the grid system used.</i></li> </ul>	In all cases, unless otherwise stated, grid references are provided in GDA94 MGA Zone 52J (Southern Hemisphere).
	<ul style="list-style-type: none"> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>	No topographic information has been provided.
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> </ul>	No new data has been obtained.
	<ul style="list-style-type: none"> <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 procedures and classifications applied.</i></li> </ul>	Exploration targets only. No reference to grade or resource has been provided.
	<ul style="list-style-type: none"> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	N/A
<i>Orientation of data in relation to geological structure.</i>	<ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> </ul>	The reader should be aware that the diamond drill hole was drilled at a dip of 53 degrees, across the width of the breccia pipe. Accordingly, and as clearly stated in the body text, the drill hole intersection widths do not represent true widths. The drill hole cross cuts the interpreted sub-vertical pipe at approximately 40 degrees.
	<ul style="list-style-type: none"> <li>• <i>If the relationship between drilling orientation and the orientation of key mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li> </ul>	As described above.
<i>Sample security</i>	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	N/A
<i>Audits and review</i>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	N/A

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <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> </ul>	Information contained within the related document is for an exploration permit application only. EPM28038 is an exploration permit application.
	<ul style="list-style-type: none"> <li>The security of tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	The exploration permits (tenements) being reported here are under application.
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgement and appraisal of exploration by other parties</li> </ul>	A comprehensive review of all previous exploration has been completed and some of these results are presented here, along with their associated references and sources of information. The results from previous explorers led to the generation of the target for NMR.
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation</li> </ul>	Based on existing results from previous explorers, as well as the ongoing growth of knowledge on mineral deposit styles in North Queensland in particular, NMR are specifically targeting gold and copper (+/- Base metal mineralisation at the Maneater Hill Breccia Pipe. The breccia pipe, as discussed above, contains many of the features exhibited by the Mt Wright and Welcome Breccias located near Ravenswood approximately 360-380 kilometres to the south. Using the new knowledge about mineral zoning and alteration, NMR has seen opportunity in exploring the deeper parts of the Maneater Breccia, below the Pb-Zn-Ag zone which is mirrored above the gold-rich zone at Mt Wright.
Drill hole information	<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;</li> <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>	<p>N/No New drilling has been completed, however reference to the source information as well as appropriate survey information have been provided in the body text.</p> <p>The following information is obtained from the drill records in</p> <p>266700E,8121600N AMG, 719m RL, dip -53°, towards 285° (magnetic). EOH length 365.8m. Intercept depth is not applicable for the results presented here.</p>
	<ul style="list-style-type: none"> <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</li> </ul>	Results pertinent to the target definition are reported here. Selected high-grade results are presented and the terms “up-to” is used to indicate that lower grade samples exist. Only a small proportion of the sample assays available in each of the reports referenced here are provided. A comprehensive list of existing results, maps

	<i>report, the Competent Person should clearly explain why this is the case.</i>	and results further field work will be provided in following announcements and after in-field checking of data can be completed.
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	N/A
	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	N/A
	<ul style="list-style-type: none"> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	N/A
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results</i></li> </ul>	N/A
	<ul style="list-style-type: none"> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported</i></li> </ul>	Clearly stated multiple times in the body text to avoid confusion or misrepresentation of drill intercepts.
	<ul style="list-style-type: none"> <li><i>If it is known and only the down hole lengths reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i></li> </ul>	N/A
<i>Diagrams</i>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	All maps are provided with grid references in meters East and South aligned with grid references in GDA94 MGA Zone 55. The location of tenement outlines has been obtained from the DNRME GeoResGlobe. Background 1:100,000 geology is publicly available data also obtained from DNRME. The maps shown provide information necessary to locate the tenements.
<i>Balanced Reporting</i>	<ul style="list-style-type: none"> <li><i>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</i></li> </ul>	N/A
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li><i>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</i></li> </ul>	All exploration data used is publicly available and no modifications were made to the datasets other than varying the colour scales to highlight features discussed and for ease of referencing. In generating the targets, NMR relied exclusively on desktop research and results obtained from previous explorers. NMR know the area well as the target falls near the companies Palmerville Cu-project area.



	<i>results; bulk density, ground water, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	References are given to the two main reports from where results were obtained. Other companies held the tenement but had not completed any significant work to the area and so have not been included in this report.
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (e.g. tests for lateral extension or depth extensions or large-scale step-out drilling).</i></li> </ul>	NMR plan to explore the three tenements using diamond to explore the possible high-grade target mineralisation zone at depth below the current depth of drilling.
	<ul style="list-style-type: none"> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	NMR are targeting the deeper parts of the inferred sub-vertical breccia pipe reported by previous explorers. The target is interpreted to be located beneath existing drilling.