ACCELERATE RESOURCES Ltd AX8

25 August 2022 ASX : AX8

# **AMENDED ANNOUNCEMENT**

Accelerate Resources Limited (**ASX:AX8**) ("**AX8**" or the "**Company**"), refers to the announcement dated 24 August 2022 titled 'New Discovery at Woodie Woodie North Manganese Project' ("**Announcement**")

The Company advises the amended Announcement attached contains additional information as follows:

- JORC Table 1 Section 1 and Section 2:
- Current drill hole locations and drill collar table;
- Additional significant intervals descriptions; and
- · Cautionary statements.

#### -ENDS-

This announcement has been produced by the Company's published continuous disclosure policy and approved by the Managing Director.

For further information, please contact

Deborah Ho Company Secretary

P: +61 8 6248 9663 I W: www.AX8.com.au

25 August 2022

ASX: AX8

# Maiden Drilling Discovers Thick Mineralisation at the Woodie Woodie North Manganese Project

- A Significant new, near surface zone of manganese mineralisation has been discovered through AX8's maiden exploration drilling program
- Preliminary results indicate discovery hole WWN22\_017 has intersected at least 74
  metres of multiple zones of manganese enrichment within the mineralised system
  finishing in mineralisation
- This hole is drilled within a zone of manganese mineralisation that is mapped at surface over 1.3 km of strike
- The thickness of the newly discovered zone represents the largest known intersection of manganese-rich mineralisation in the Woodie Woodie North area to date
- The style and setting of the discovery is consistent with Woodie Woodie style hydrothermal manganese mineralisation
- Approximately 2,000m drilled with assay results now pending
- 30 historical drill holes (1990's) located during the drilling campaign will be added to the database
- Resource and discovery drilling to re-commence in October



Figure1 – Drill hole WWN22\_017 intersects very thick manganiferous zones at Woodie Woodie North, Braeside West Prospect

ASX:AX8



# Managing Director Yaxi Zhan commented,

"Our maiden drilling program at Woodie Woodie North has exceeded our expectations. The drilling has successfully intersected a potential large mineralisation system geologically similar to deposits currently being commercially mined at the Woodie Woodie mine to our south. With positive metallurgical test work results to-date, we are well positioned to become a future supplier of premium Manganese product, and to meet the surging demand of manganese in the electric vehicle supply chain."



Figure2 - Drilling at Woodie Woodie North Manganese Project, Barramine Prospect

Accelerate Resources Limited (ASX:AX8) ("AX8" or the "Company") is pleased to announce the first 2000m of drilling has been completed at Woodie Woodie North Manganese project in the Pilbara.

# Woodie Woodie North, Braeside West Project Area 42

Drilling at Area 42, hole WWWN22-017 has intersected a well-developed manganese enriched zone from 13m below surface to end of hole at a depth of 87m (Appendix 1 & Figure 1). Mineralisation remains open at depth.

The thickness of the manganiferous zones indicate a large and well-developed hydrothermal system, which is highly prospective for the development of potentially large high-grade manganese orebodies. The thickness of the newly discovered mineralised zone represents the largest known intersection of manganese-rich mineralisation in the Barramine and Braeside area to date.

Observations from drill chips suggest that the mineralisation appears to consist of oxides and hydroxides of manganese as well as siliceous iron and manganese minerals (Figure 1). The



mineralisation is considered typical of a well developed hydrothermal system with possible late-stage iron enrichment as shown in Figure 4.

Due to access limitations, drilling of the iron and manganese-rich mineralisation was limited to two holes (WWN22\_015 & WWN22\_017, Table 2), and remains open along strike and depth. Hole WWN22\_015 intersected the edge of the alteration zone from 13m to 94m before having to be terminated due to water pressure issues. Both holes were drilled at -60° dip.

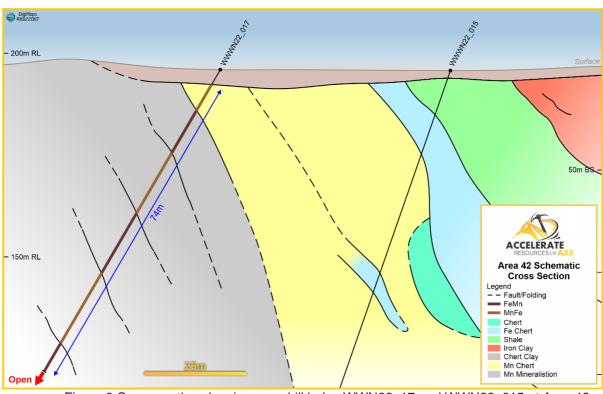


Figure 3 Cross-section showing new drill holes WWN22 17 and WWN22 015 at Area 42 Woodie Woodie North Manganese Project

The structures evident in the satellite imagery (Figure 5, north-south and northeast-southwest lineaments) are consistent with the structural setting typically associated with Woodie Woodiestyle hydrothermal manganese mineralisation. In some target locations at WWN, surface manganese mineralisation has limited depth of development, but significant lateral extent and represent high-grade near surface exploration targets. This is supported by historical reported drilling intercepts of manganese mineralisation up to 11m in thickness (e.g., BX48 - 11m @ 28.4% Mn from 1m)<sup>1</sup> located 1.4 km south of Area 42 adjacent to a major structure. This and other historical near surface drilling results will be prioritised in the upcoming drilling campaign.

3

<sup>&</sup>lt;sup>1</sup> ASX Announcement 25 October 2021: Accelerate Resources Exercises Option over High-Grade Manganese Project in East Pilbara



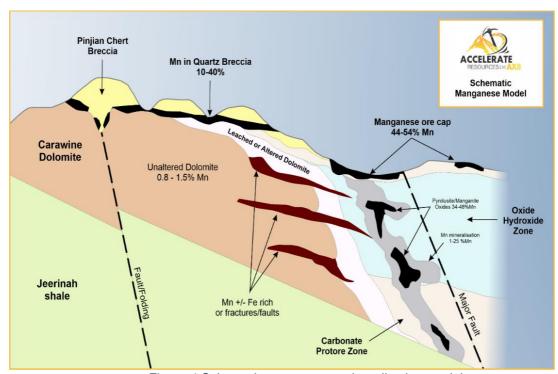


Figure 4 Schematic manganese mineralisation model

# Woodie Woodie North, Barramine Project Area 1, Area 3 and Area 4

The recent drilling on the Barramine and Braeside prospect areas have returned encouraging preliminary results at the Area 1, Area 3 and Area 4 targets (Figure 5). Geological logs indicate multiple zones of manganese mineralisation (Appendix 1). Assay results are pending and manganese grades are therefore currently unknown.



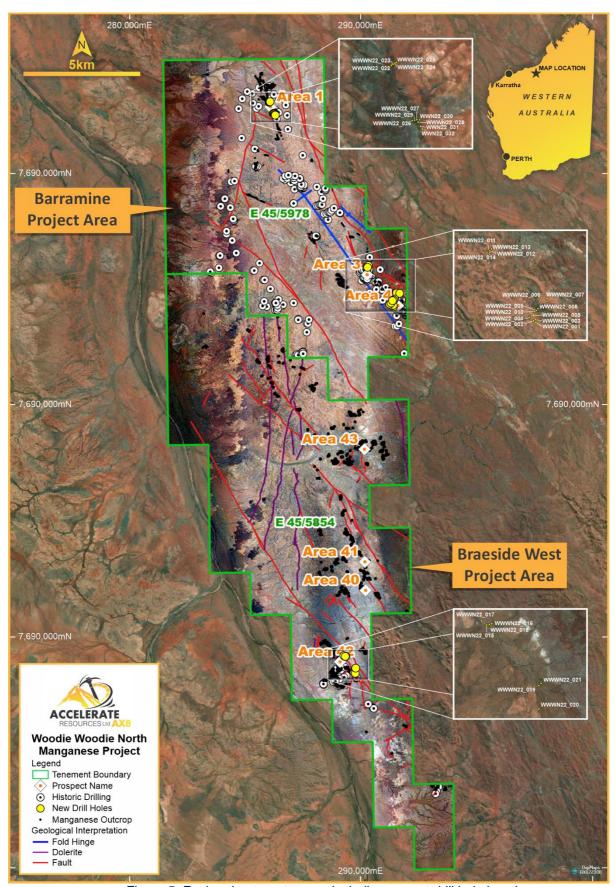


Figure 5: Exploration target areas, including current drill hole locations



Prior exploration within the Barramine Project area identified widespread manganese occurrences in a similar setting to those deposits elsewhere in the East Pilbara manganese province, in particular the Woodie Woodie manganese mine. These manganese deposits are localised along the contact between the Carawine Dolomite and the Pinjian Chert Breccia with more intense and larger scale mineralisation occurring along fault structures. At Barramine, several such zones of intense manganese mineralisation were identified through rock chip sampling, soil sampling, mapping and drilling.

# **Mapping and Prospecting**

Approximately 2.25 km outcrop of stacked manganese mineralised layers were geologically mapped at Area 42 (Braeside) within a layered sequence of sedimentary chert breccia. This has increased the target strike length by around 1.75 km. These stacked zones vary from 15 m to 100 m in width and possibly penetrate similar distances down-dip into the layered chert. Portable XRF measurements on previously collected grab samples and shallow drilling has indicated that near surface, high-grade manganese pods (30-55% Mn)<sup>2</sup> exist within these zones. However, the surrounding and deeper material is likely to be of low to moderate grades



Figure 6: Dr Joe Drake-Brockman Mapping at Woodie Woodie North Manganese Project

Concurrent with the latest mapping, all drill hole collars of the historic Valiant and Consolidated drilling have been located (Appendix 3). This will enable these results to be included in the planning for the upcoming drill campaign.

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<sup>&</sup>lt;sup>2</sup> ASX Announcement 25 October 2021: Accelerate Resources Exercises Option over High-Grade Manganese Project in East Pilbara



Mapping and prospecting results coupled with the latest drilling has extended the target structure at Area 1 (Barramine) by at least 850 m to the south and 100 m to 150 m to the northeast.

At Area 3 (Barramine), the host structure has been traced 1.3 km to the north-northwest through a series of west directed jogs in the fault line. A large manganese stained outcrop northwest of the latest drilling suggests that the manganese mineralisation at Area 3 may extend for at least another 250 m. Additional manganese stained and incipiently mineralised outcrops were located 600 m and 1.3 km along the trace of the fault, providing further encouragement for the prospectivity of this structure.

The target zone at Area 4 extends approximately 150 m to 250 m westwards where a series of ferruginized and manganese stained dissolution breccia outcrops occur. There is potential that the mineralised system increases in extent toward the south (200 m to 300 m) along a pair of north-south trending faults where additional manganese stained ferruginized outcrops have been recognised.

# **Planned Program of Work**

Accelerate aims to define manganese resources at the Woodie Woodie North Manganese Project for future commercial mining operations. The planned work program includes:

- Reporting of assay results from the maiden RC drilling program.
- Further 2000 m to 3000 m RC drilling program to commence in mid-October targeting a maiden JORC (2012) resource at the Woodie Woodie North Manganese Project as well as ongoing testing of the Area 42 discovery and new targets.
- Geophysical survey to assist with target identification.
- Test work to commence on generation of High Purity Manganese Sulphate (HPMSM) for the EV battery industry.
- Ongoing discussions with possible technology and end-use partners.

### -ENDS-

This announcement has been produced by the Company's published continuous disclosure policy and approved by the Board.

For further information, please contact

Yaxi Zhan Managing Director

E: Yaxiz@AX8.com.au | P: +61 8 6248 9663 | W: www.AX8.com.au



# **Forward Looking Statements**

Statements contained in this release, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, reserves or potential growth of Accelerate Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on various factors.

### **Cautionary Statement**

Certain information in this announcement may contain references to visual results. The Company draws attention to the inherent uncertainty in reporting visual results.

#### **Competent Person Statement**

Information in this release relates to new exploration results was prepared by Adriaan du Toit, who is a member of the Australian Institute of Mining and Metallurgy (AusIMM) and is currently an independent consultant to AX8. Mr du Toit is the Director and Principal Geologist of AEMCO Pty Ltd. He has over 30 years of exploration and mining experience in various mineral deposits and styles. Mr du Toit was the exploration manager for Shaw River Manganese (ASX: SRR delisted) and explored the Barramine project from May 2010 to November 2012. Mr du Toit 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 by the 2012 JORC Edition. The information from Mr du Toit was prepared under the JORC Code 2012 Edition. Mr du Toit consents to the inclusion in this release of the matters based on this information in the form and context it appears. Mr du Toit further confirms that the exploration information in this market announcement provided under listing rule 5.7 is an accurate representation of the available information.



Appendix 1: Table 1 Geological logging of relevant mineralised zones

| Hole ID   | Depth From (m) | Depth To (m) | Mineralisation by visual logging                       |
|-----------|----------------|--------------|--|
| WWN22-017 | 12             | 13           | Homogenous Manganiferous material                      |
|           | 13             | 25           | Homogenous Ferromanganese material                     |
|           | 25             | 39           | Homogenous Manganiferous material                      |
|           | 39             | 42           | Homogenous Manganiferous material and manganese oxides |
|           | 42             | 60           | Homogenous Ferromanganese material                     |
|           | 60             | 80           | Homogenous Manganiferous material                      |
|           | 80             | 87           | Ferromanganese material with traces of quartz          |

Note: Due to the early nature of the exploration results and lack of laboratory grades, the nature of minerals occurrence and total size of the discovery is currently unknown and further exploration appraisal and evaluation are required to confirm its resource potential.

**Appendix 2: Table 2 Exploration Drill Collar Table** 

|                |            | Ma<br>x   |     |             |                 |         |          |                  |
|----------------|------------|-----------|-----|-------------|-----------------|---------|----------|------------------|
| Target<br>Area | Hole ID    | De<br>pth | Dip | Azimut<br>h | NAT_Grid_<br>ID | Easting | Northing | Elevation<br>AHD |
| 4              | WWWN22_001 | 50        | -90 | 0           | MGA94_51        | 291391  | 7684250  | 244              |
| 4              | WWWN22_002 | 39        | -90 | 0           | MGA94_51        | 291332  | 7684292  | 247              |
| 4              | WWWN22_003 | 60        | -90 | 0           | MGA94_51        | 291386  | 7684319  | 246              |
| 4              | WWWN22_004 | 39        | -90 | 0           | MGA94_51        | 291232  | 7684367  | 248              |
| 4              | WWWN22_005 | 54        | -90 | 0           | MGA94_51        | 291292  | 7684414  | 242              |
| 4              | WWWN22_006 | 61        | -90 | 0           | MGA94_51        | 291526  | 7684848  | 243              |
| 4              | WWWN22_007 | 54        | -90 | 0           | MGA94_51        | 291663  | 7684832  | 240              |
| 4              | WWWN22_008 | 40        | -90 | 0           | MGA94_51        | 291440  | 7684584  | 246              |
| 4              | WWWN22_009 | 54        | -90 | 0           | MGA94_51        | 291401  | 7684541  | 242              |
| 4              | WWWN22_010 | 48        | -90 | 0           | MGA94_51        | 291352  | 7684515  | 241              |
| 3              | WWWN22_011 | 80        | -58 | 263         | MGA94_51        | 290265  | 7685987  | 232              |
| 3              | WWWN22_012 | 48        | -56 | 294         | MGA94_51        | 290282  | 7685982  | 231              |
| 3              | WWWN22_013 | 57        | -90 | 0           | MGA94_51        | 290318  | 7686031  | 234              |
| 3              | WWWN22_014 | 39        | -58 | 281         | MGA94_51        | 290279  | 7685951  | 230              |
| 42             | WWWN22_015 | 94        | -58 | 252         | MGA94_51        | 289297  | 7669190  | 196              |
| 42             | WWWN22_016 | 36        | -60 | 240         | MGA94_51        | 289340  | 7669201  | 196              |
| 42             | WWWN22_017 | 87        | -58 | 287         | MGA94_51        | 289253  | 7669226  | 196              |
| 42             | WWWN22_018 | 105       | -60 | 257         | MGA94_51        | 289319  | 7669193  | 196              |
| 42             | WWWN22_019 | 102       | -58 | 234         | MGA94_51        | 289747  | 7668665  | 201              |
| 42             | WWWN22_020 | 60        | -90 | 0           | MGA94_51        | 289749  | 7668463  | 207              |
| 42             | WWWN22_021 | 96        | -60 | 225         | MGA94_51        | 289767  | 7668685  | 202              |
| 1              | WWWN22_022 | 63        | -90 | 230         | MGA94_51        | 286035  | 7693061  | 197              |
| 1              | WWWN22_023 | 39        | -59 | 238         | MGA94_51        | 286049  | 7693071  | 197              |



| 1 | WWWN22_024 | 48 | -59 | 253 | MGA94_51 | 286065 | 7693079 | 198 |
|---|------------|----|-----|-----|----------|--------|---------|-----|
| 1 | WWWN22_025 | 58 | -59 | 252 | MGA94_51 | 286077 | 7693086 | 198 |
| 1 | WWWN22_026 | 36 | -60 | 252 | MGA94_51 | 286214 | 7692582 | 204 |
| 1 | WWWN22_027 | 60 | -60 | 270 | MGA94_51 | 286255 | 7692591 | 206 |
| 1 | WWWN22_028 | 72 | -60 | 263 | MGA94_51 | 286280 | 7692590 | 206 |
| 1 | WWWN22_029 | 39 | -60 | 256 | MGA94_51 | 286236 | 7692586 | 205 |
| 1 | WWN22_030  | 59 | -60 | 268 | MGA94_51 | 286266 | 7692570 | 205 |
| 1 | WWN22_031  | 39 | -60 | 260 | MGA94_51 | 286286 | 7692534 | 207 |
| 1 | WWN22_032  | 48 | -60 | 260 | MGA94_51 | 286302 | 7692509 | 209 |

Appendix 3: Additional Historical Drill Hole Collar Locations Located at Area 42

|         | Easting  | Northing | Elevation |
|---------|----------|----------|-----------|
| Hole ID | MGA94_51 | MGA94_51 | AHD       |
| BSRC001 | 289108.3 | 7668760  | 255.475   |
| BSRC002 | 288978.5 | 7668610  | 255.55    |
| BSRC003 | 289318.7 | 7668681  | 235.083   |
| BSRC004 | 288776   | 7668414  | 234.818   |
| BSRC005 | 288829.2 | 7668178  | 230.312   |
| BX55    | 289067.2 | 7668682  | 253       |
| BX56    | 289079   | 7668670  | 254       |
| BX57    | 289088.8 | 7668661  | 255       |
| BX58    | 289094.1 | 7668644  | 255       |
| BX59    | 289149.8 | 7668608  | 256       |
| BX60    | 289145.4 | 7668589  | 256       |
| BX61    | 288800.6 | 7668462  | 252       |
| BX62    | 288789   | 7668481  | 254       |
| BX63    | 288768.2 | 7668490  | 256       |
| BX64    | 288759.9 | 7668492  | 257       |
| BX65    | 288803.9 | 7668494  | 256       |
| BX66    | 289094.9 | 7668617  | 255       |
| BX67    | 289133.2 | 7668630  | 255       |
| BX69    | 289164.9 | 7668606  | 255       |
| BX70    | 289057.7 | 7668670  | 255       |
| BX71    | 289068.2 | 7668662  | 255       |
| BX68    | 289155.2 | 7668644  | 256       |
| BX72    | 289073.6 | 7668523  | 253       |
| BX73    | 289020.6 | 7668496  | 253       |
| BX74    | 288840.4 | 7668325  | 232       |
| BX75    | 288711.5 | 7668235  | 226       |
| BX76    | 288705.7 | 7668228  | 226       |
| BX77    | 288635.2 | 7668158  | 220       |
| BX78    | 288579.9 | 7668124  | 208       |
| BX79    | 288503   | 7668126  | 205       |
| BX80    | 288561.8 | 7668125  | 208       |



Appendix 4: JORC, 2012 Edition - Table 1Section 1: Sampling Techniques and Data

| CRITERIA            | JORC REQUIREMENT  | EXPLANATION  |
|---------------------|---|--|
| Sampling techniques | <ul> <li>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.</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 (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.</li> </ul> | <ul> <li>Reverse Circulation Drilling: for each 1 m, drill cuttings were collected via a drill mounted cyclone and sample splitter. Two samples (main and duplicate) were calico bagged and a third reject sample was collected for logging and chip tray reference.</li> <li>Average sample size varied from 3 kg to 5kg</li> <li>The samples taken are considered to accurately represent every 1m intersected</li> <li>The samples were submitted to Intertek Genalyis in Maddington, WA.</li> <li>The samples are to be dry pulverises to ensure a homogonous sample. The homogonous sample will be pressed into a puck for XRF analysis.</li> </ul> |



| CRITERIA                                       | JORC REQUIREMENT   | EXPLANATION  |
|--|--|--|
| 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).   | Reverse circulation drilling was used. Drilling is advanced using a face sampling air hammer bit. Sample return via duo-tube. Sample collection via cyclone and splitter box.  |
| Drill sample recovery                          | <ul> <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>                           | Samples are collected, per meter, in calico bags from the rig cyclone splitter.  |
| Logging  | <ul> <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> <li>The total length and percentage of the relevant intersections logged.</li> </ul> | <ul> <li>Samples are geologically logged on site. Basic colour, mineralization, mineralogy and lithology recorded for each 1m interval. A ~25 g reference sample of each meter drilled is kept in a chip tray and photographed. All data are recorded in a digital database register.</li> </ul> |
| Sub-sampling techniques and sample preparation | <ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> </ul>   | <ul> <li>The sampling cyclone and splitter was cleaned between each hole by compressed air.</li> <li>Each sample was whole crushed and pulverised with and analysed by XRF method. Fused disks were prepared.</li> </ul>   |



| CRITERIA                                   | JORC REQUIREMENT   | EXPLANATION  |
|--|--|--|
|  | <ul> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <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> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul> <li>The sampling preparation technique of homogonising the entire rock chip sample is considered appropriate for the reporting of exploration results</li> <li>The entire rock chip sample was crushed and pulverised for samples up to 3.0kg.</li> <li>Two duplicate checks were done and two manganese standards at 28.29%Mn and 34.82%Mn were used by Intertek Genalysis.</li> <li>Sample size is considered appropriate for a bulk commodity and in terms of the mineralisation type and end product target use.</li> </ul> |
| Quality of assay data and laboratory tests | l  | <ul> <li>The assaying method and laboratory procedures are considered appropriate for the reporting of manganese drill rock chip results</li> <li>The assay method is considered a total average method given the sample was whole crushed and pulverised.</li> <li>Duplicated and blanks were included as 5% of total samples send to the lab.</li> </ul>   |



| CRITERIA  | JORC REQUIREMENT   | EXPLANATION  |
|---|--|--|
| Verification of sampling and assaying                   | <ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>                    | Significant intersections are verified by inspection of the reference samples in chip trays. Data is initially recorded on paper and then transferred to Excel templates. It is then uploaded into a corporate database. No assay data has been re-set or adjusted.  |
| Location of data points                                 | <ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | The surface sampling locations were recorded by hand held GPS units. Accuracy is of the order of 3 m. Co-ordinates are in MGA94-Z51 and LO.  |
| Data spacing and distribution                           | <ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul> | <ul> <li>Target Areas 1, 3 and 4 were drilled on a nominal 20-40 m spacing's, though this is varied due to access and success in hitting mineralization. This is adequate to establish the geological framework and the mineralization envelope. Elsewhere, spacings are usually 40 m but widening to 80-120 m in the search for mineralization. These are typical spacing's for scout drilling.</li> <li>No sample compositing was done.</li> </ul> |
| Orientation of data in relation to geological structure | <ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key</li> </ul>  | Mineralization occurs in irregularly shaped disseminations bulk lodes within altered breccia zones. Therefore, it is considered unlikely that the mineralization will be bound to a specific orientation and that no sampling bias exists.   |



| CRITERIA          | JORC REQUIREMENT   | EXPLANATION   |
|-------------------|--|---|
|                   | mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. |   |
| Sample security   | The measures taken to ensure sample security.  | <ul> <li>Company personnel collected the calico sample bags. The samples are then packed into polyweave bags for dispatch. The samples are delivered to the nearest freight centre by company staff. They are then delivered to the contracted laboratory using commercial transport operators. The lab holds the samples in secure premises until sample preparation is done. Samples received are checked against samples dispatched for any irregularities.</li> <li>Sample security is not seen as a significant risk.</li> </ul> |
| Audits or reviews | The results of any audits or reviews of sampling techniques and data.  | As the projects are at either initial exploration or pre-resource drilling stages no reviews have been carried out.   |

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> <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> <li>Accelerate Resources Limited.</li> <li>The tenement E45/5854 is held by Pardoo Resources Pty Ltd. Accelerate Resources owns the 100% Mn and Fe right. Accelerate have an absolute caveat over E45/5854.</li> <li>The tenements are located within crown land and are subject to pastoral leases.</li> </ul> |
| Exploration done by other parties       | Acknowledgment and appraisal of exploration by other parties.  | <ul> <li>Valiant Consolidated Ltd/Consolidated Minerals Ltd 1993 – 1998, A total of 80 shallow RAB holes were drilled in the southern area of WWN.</li> <li>During 2008 to 2014 Shaw River Manganese Limited (Shaw River) carried out an extensive manganese exploration in the northern area of WWN.</li> </ul>     |
| Geology                                 | Deposit type, geological setting and style of mineralisation.  | <ul> <li>Hydrothermal massive and/or disseminated Mn replacement mineralization within altered dolomite and chert.</li> <li>Dolomite host rock is Carawine Dolomite from the Hamersley Group, part of the Mount Bruce Supergroup.</li> </ul>   |



| Criteria                 | JORC Code explanation   | Commentary  |
|--------------------------|---|---|
| Drill hole Information   | <ul> <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> <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> | This information is listed in the release Appendix 1 Table 1 & Appendix 2: Table 2 and are deemed material to the report. |
| Data aggregation methods | <ul> <li>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.</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</li> </ul>   | Rock drill chip grades are reported as whole rock percentages representing 1m thickness down hole.                        |



| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  | examples of such aggregations should be shown in detail.  The assumptions used for any reporting of metal equivalent values should be clearly stated.   |   |
| Relationship between mineralisation widths and intercept lengths | <ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <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 (eg 'down hole length, true width not known').</li> </ul> | Drilling has been orientated perpendicular to the nominal mineralized structures. All drill hole intersections have been reported as down hole. There is insufficient data to estimate true widths. |
| Diagrams   | <ul> <li>Appropriate maps and sections (with<br/>scales) and tabulations of intercepts<br/>should be included for any significant<br/>discovery being reported These should<br/>include, but not be limited to a plan view<br/>of drill hole collar locations and<br/>appropriate sectional views.</li> </ul>   | See figures and tables in the release   |
| Balanced reporting   | Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.   | All current new data has been presented and reported without bias   |



| Criteria                           | JORC Code explanation   | Commentary  |
|------------------------------------|---|---|
| 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. | by other parties. Current work by Accelerate has been limited to historical reviews of this data, rock chip sampling and the current release on new drilling results. |
| Further work                       | <ul> <li>The nature and scale of planned further work (eg 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>                   |   |