



## High-Grade Assays Continue at Oracle Ridge

- The Talon target drilling continues to impress.
- High grade assay results from a southern step-out hole at The Talon intersects:
  - 5.7m at 4.44% Cu, 44.87g/t Ag and 0.93g/t Au from 314.6m (WT-21-12)
- First drill hole (WT-21-15) into the western side of The Talon intersects three strongly mineralised zones:
  - 10.5m at 2.10% Cu, 16.92g/t Ag and 0.58g/t Au from 231m
  - 6.6m at 1.29% Cu, 8.54g/t Ag and 0.1g/t Au from 275.4m
  - 21.2m at 1.33% Cu, 12.53g/t Ag and 0.22g/t Au from 297.7m
- Potential for stacked lodes confirmed at the western extent of The Talon.
- Contact mineralisation at The Talon's eastern side remains open to the east and south.
- Two rigs now drilling full-time providing a threefold increase in drilling rates over previous schedule.

Eagle Mountain Mining Limited (ASX:EM2) ("Eagle Mountain", the "Company") is pleased to provide an exploration update at its 100% owned Oracle Ridge Mine Project ("Oracle Ridge", "Project") in Arizona, USA.

Results from three drill holes have been received and are summarised in Table 1 and Figure 1.

Eagle Mountain Mining CEO, Tim Mason, commented:

*"With activities ramping up and the second rig having commenced drilling, we are very pleased to see further positive results from The Talon target. We have targeted an area covering only about 20% of the magnetic anomaly so there's a lot of scope for further mineralisation at The Talon.*

*The first drill hole on the western side of The Talon returned multiple high-grade intersections and highlighted the potential for stacked mineralised lodes to occur in the area. These new intersections are situated in a sparsely drilled area, which bodes well for a significant increase to our JORC Resources.*

*At the eastern side of The Talon, the Leatherwood-Sediments contact continues to excite us. We have extended this very high-grade mineralisation 50 metres to the south and we will continue to target the contact to the east and south in the coming weeks".*

Table 1 – Summary of significant intersections at a 1% Cu cut-off grade

| Hole ID          | Width          | From         | To           | Cu          | Ag           | Au          |
|------------------|----------------|--------------|--------------|-------------|--------------|-------------|
|                  | [m]            | [m]          | [m]          | [%]         | [g/t]        | [g/t]       |
| WT-21-11         | 1.9            | 284.0        | 285.9        | 1.20        | 11.0         | 0.3         |
| WT-21-12         | 5.7            | 314.6        | 320.3        | 4.44        | 44.87        | 0.93        |
| <i>Including</i> | <i>3.0</i>     | <i>314.6</i> | <i>317.6</i> | <i>6.80</i> | <i>66.70</i> | <i>1.50</i> |
| WT-21-13         | Hole Abandoned |              |              |             |              |             |
| WT-21-14         | Hole Abandoned |              |              |             |              |             |
| WT-21-15         | 10.6           | 231.0        | 241.5        | 2.10        | 16.92        | 0.58        |
|                  | 6.6            | 275.4        | 282.0        | 1.29        | 8.54         | 0.10        |
|                  | 21.2           | 297.7        | 318.9        | 1.33        | 12.53        | 0.22        |
| <i>Including</i> | <i>7.5</i>     | <i>303.5</i> | <i>311.0</i> | <i>1.62</i> | <i>17.09</i> | <i>0.36</i> |

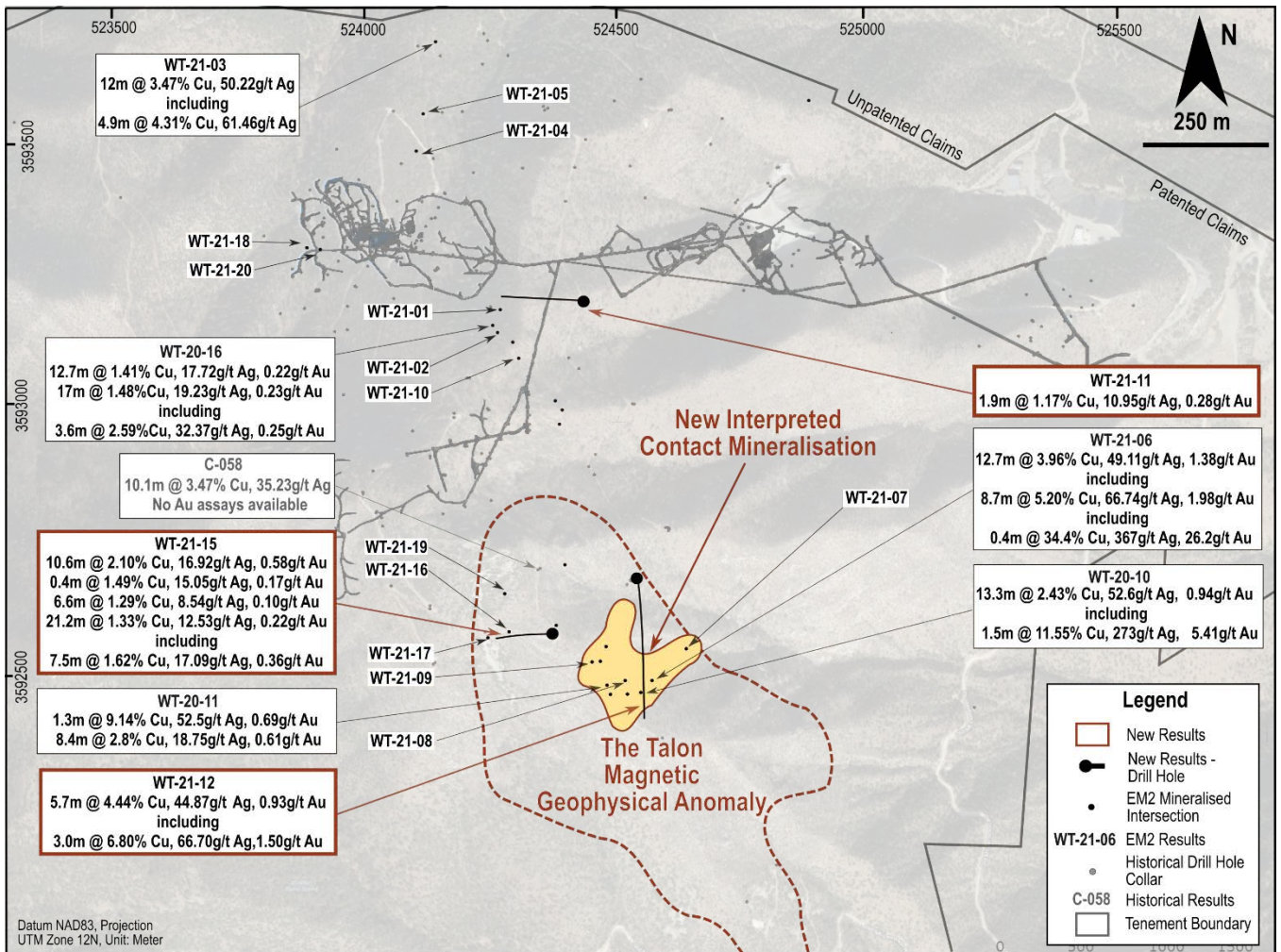


Figure 1 – Summary image of drilling results at Oracle Ridge

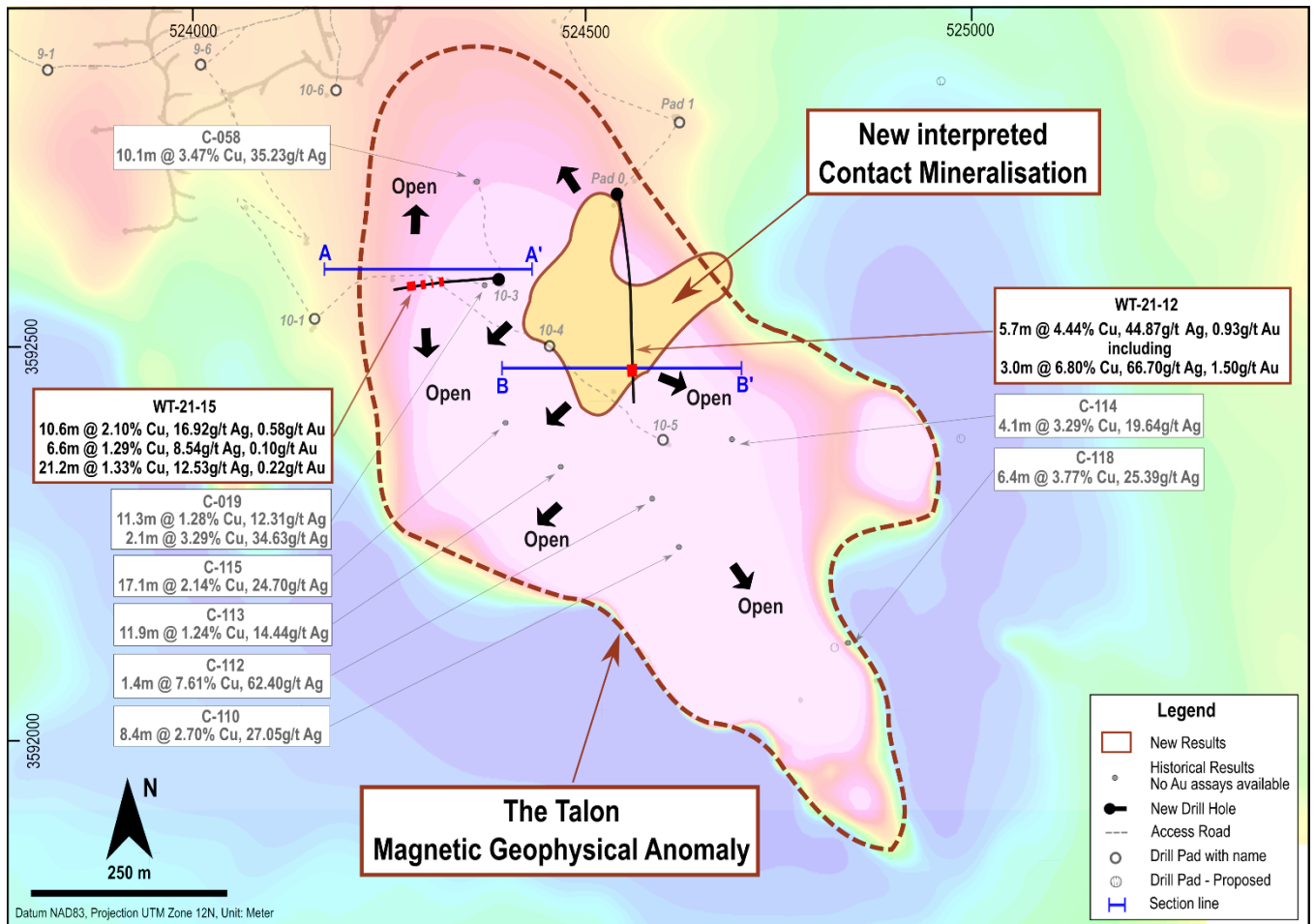


Figure 2 – Detail of The Talon target showing magnetic anomaly, new drill holes and historical results highlighting the prospectivity of the area. Assay results reported in the current announcement are highlighted in red. Note: recent WT-series holes are not shown for clarity.

## The Talon Target Drill Results

### WT-21-15

WT-21-15 is the first drill hole completed targeting the western part of The Talon target (Figure 3) and intersected three strongly mineralised zones:

- 10.6m at 2.10% Cu, 16.92g/t Ag and 0.58g/t Au from 231m
- 6.6m at 1.29% Cu, 8.54g/t Ag and 0.1g/t Au from 275.4
- 21.2m at 1.33% Cu, 12.53g/t Ag and 0.22g/t Au from 297.7, including
  - 7.5m at 1.62% Cu, 17.09g/t Ag and 0.36g/t Au from 303.5m

An historical hole further to the east and visual observations from recently completed drillholes WT-21-16 and WT-21-17 (assays pending) to the west suggest that four stacked mineralised lodes may be present in the area. This is extremely encouraging as the bulk of Oracle Ridge's existing Mineral Resource to the north is similarly hosted by four stacked lodes. Mineralised horizons are controlled by the occurrence of favourable rock units where copper-silver-gold mineralisation was preferentially precipitated.

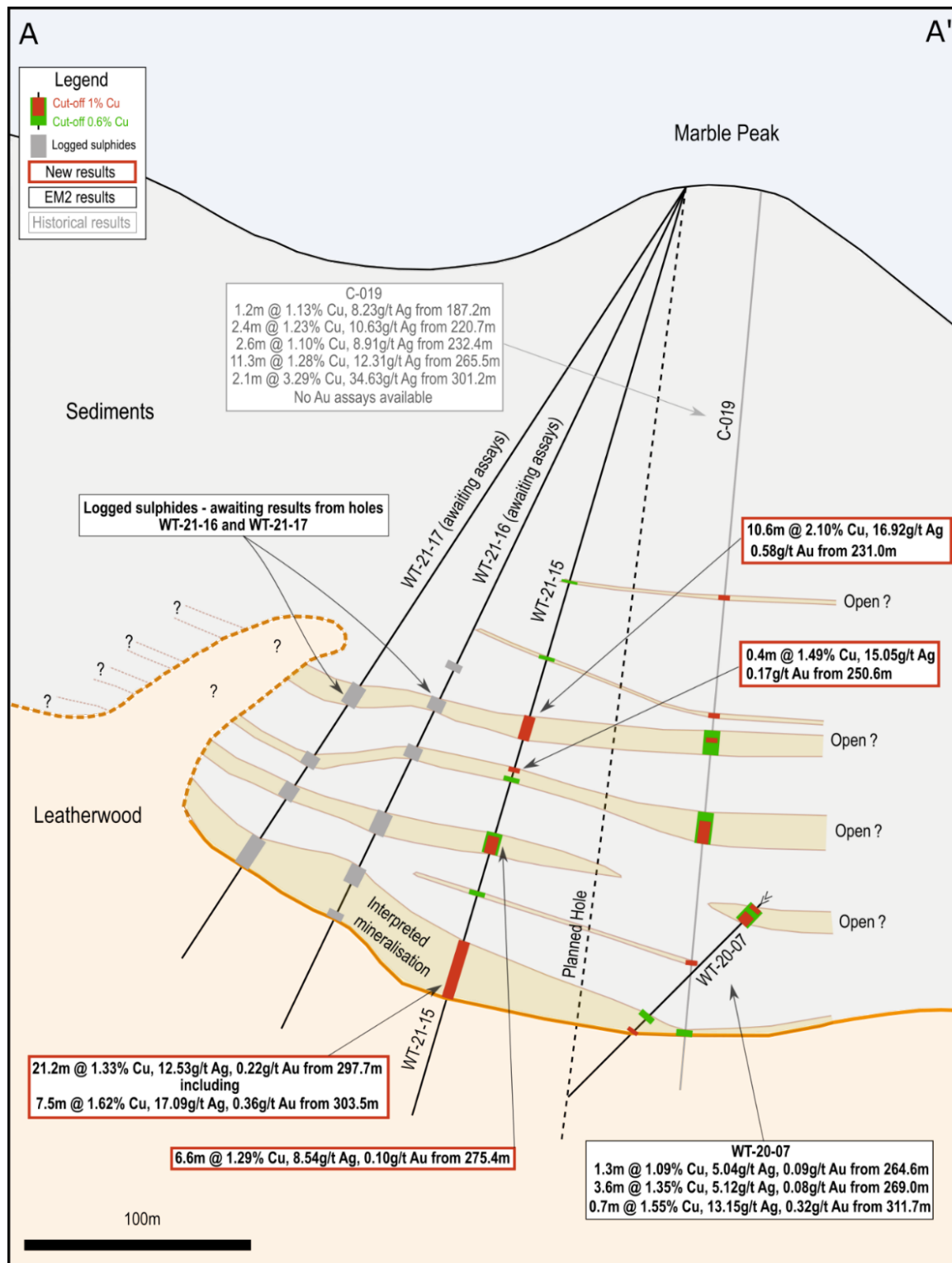


Figure 3 – Section A-A'. See Figure 2 for section location.

### WT-21-12

WT-21-12 successfully intersected high-grade mineralisation with a best intersection of 5.7m at 4.44% Cu, 44.87g/t Ag and 0.93g/t Au (including 3m at 6.8 % Cu, 66.70g/t Ag and 1.50g/t Au (Figure 4). This hole was drilled in the eastern Talon area, targeting the Leatherwood-Sediments contact approximately 45 metres to the south of outstanding intersections in WT-20-10 (13.3m at 2.43% Cu, 52.6g/t Ag and 0.94g/t Au from 348.7m) and WT-21-06 (12.7m at 3.96% Cu, 49.11g/t Ag and 1.38g/t Au)<sup>1</sup>.

<sup>1</sup> See ASX announcement 29 April 2021



The results from WT-21-12 continue to confirm the Leatherwood-Sediments contact as a richly endowed geological feature in the eastern Talon area. Mineralisation along the contact remains open to the east and to the south with some potential for expansion towards the west. Drilling is planned to target these areas in the coming weeks.

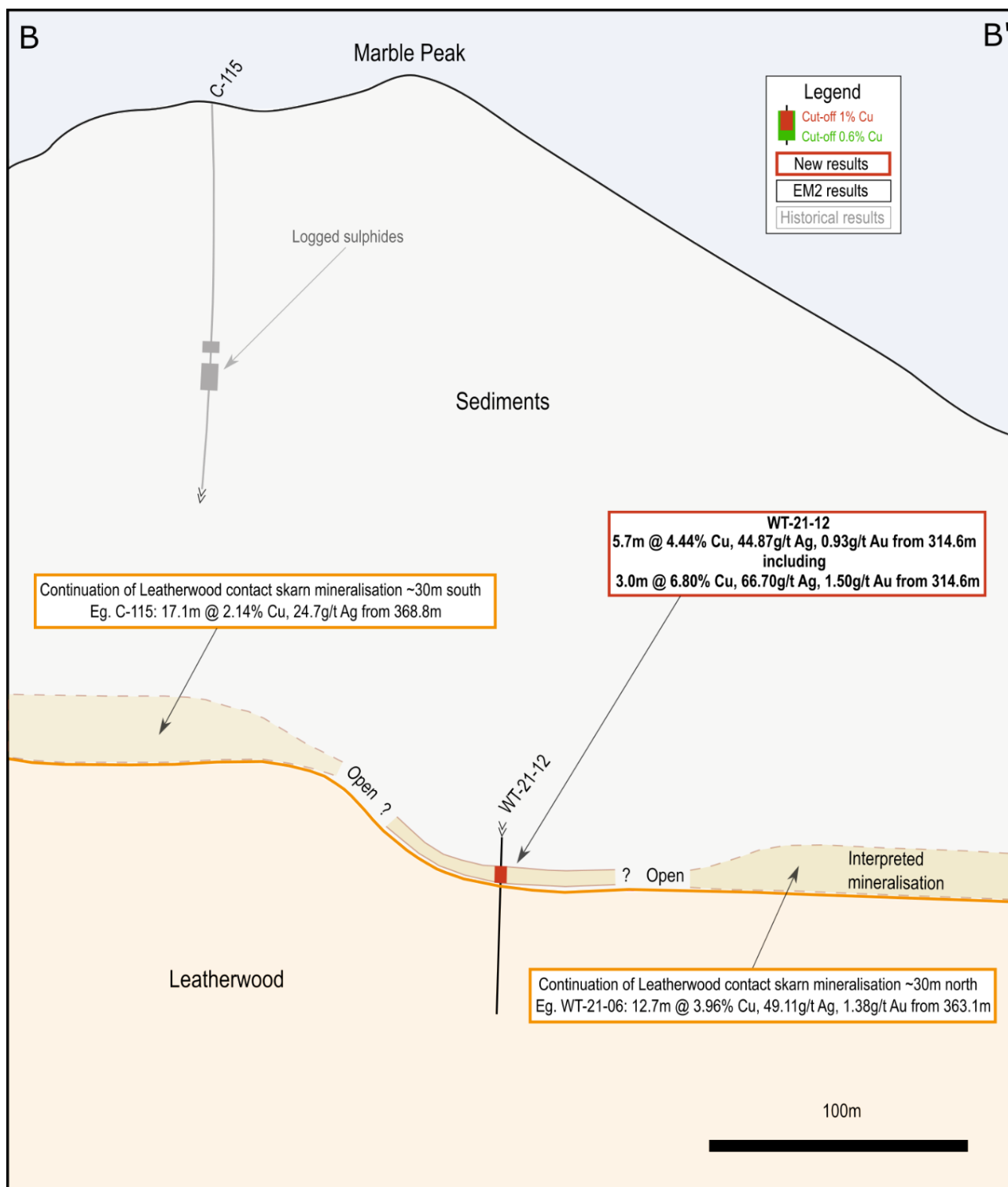


Figure 4 – Section B-B'. See Figure 2 for section location.

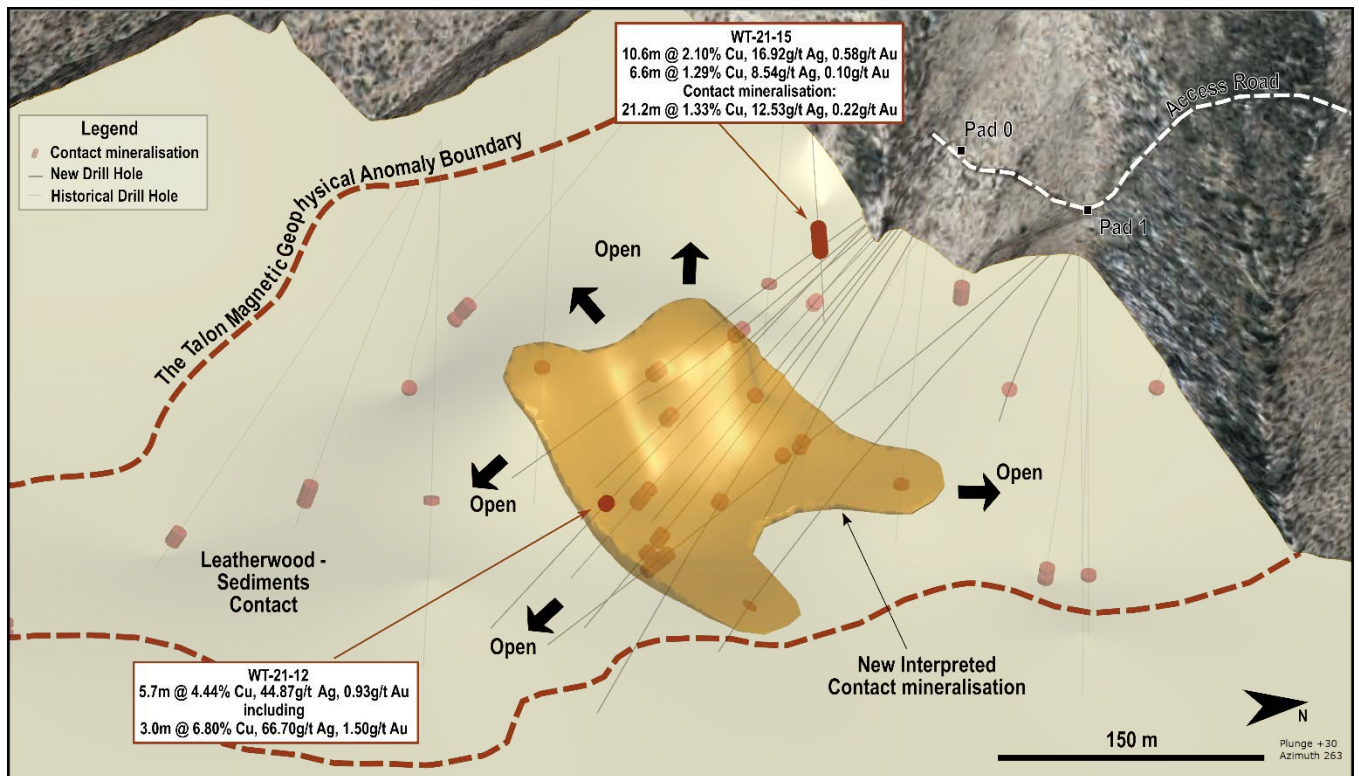


Figure 5 – 3D view of new interpreted mineralisation zone along the Leatherwood-Sediments contact at The Talon.

#### WT-21-13 and WT-21-14 (Abandoned)

These two drill holes were abandoned due to hitting severe faulting that had not been previously recognised. This significant fault zone will now be incorporated into the geologic model.

WT-21-13 was drilled from pad 10-3 towards the east targeting extensions to the mineralisation in WT-21-12. The hole intersected a broken zone with abundant clays less than 50 metres downhole, and after multiple attempts to continue drilling through this difficult ground, the hole was abandoned. After a second drill hole (WT-21-14) ran into similar issues, it was decided to commence drilling of The Talon's western zone.

#### The Talon Target Current Drilling

Drill holes WT-21-16 and WT-21-17 (assays pending) tested the western extension to mineralisation in WT-21-15.

Rig 1 is currently drilling WT-21-19 to the north of pad 10-3 testing for northern extensions to the high-grade mineralisation intersected in C-058 which intersected 10.1m at 3.47% Cu and 35.23g/t Ag from 346.3m.<sup>2</sup>

In a north-south direction the new results occur in a sparsely drilled area on the western side of The Talon magnetic anomaly (Figure 2). Historical intersections along this corridor, from north to south, include<sup>3</sup>:

<sup>2</sup> See ASX announcement 25 May 2020

<sup>3</sup> See ASX announcement 25 May 2020

- C-058 10.1m at 3.47% Cu and 35.23g/t Ag from 346.3m
- C-115 17.1m at 2.14% Cu and 24.7g/t Ag from 368.8m
- C-110 8.4m at 2.70% Cu and 27.05g/t Ag from 298.9m

Should future drill holes in the area confirm that mineralisation is continuous, this area could add significant tonnage to the existing Mineral Resource.

### **Drill Results Outside of The Talon Target area**

#### **WT-21-11**

WT-21-11 was drilled well north of The Talon and to the east of WT-21-01 and WT-20-16 (17m at 1.48% Cu, 19.23g/t Ag and 0.22g/t Au from 278.6m<sup>4</sup>). The hole intersected a broad zone of low-grade mineralisation up to 12 metre wide and included a 1.9 m interval at 1.2% Cu, 11g/t Ag and 0.3g/t Au. The mineralisation remains open to the east.

### **Current and Planned Drilling Outside of The Talon**

Rig 2 has completed drill hole WT-21-18 in the north-western part of the deposit and is currently drilling WT-21-20, with these holes targeting well-mineralised areas to confirm historical drilling results. This program will increase the confidence in the historical data and potentially allow Measured Resources to be declared after the next Mineral Resource Estimate is completed.

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*This Announcement has been approved for release by the Board of Eagle Mountain Mining Limited*

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<sup>4</sup> See ASX announcement 4 February 2021

## COMPETENT PERSON STATEMENT

The information in this document that relates to new Exploration Activities is based on information compiled by Mr Fabio Vergara and Mr Brian Paull who are both Members of The Australasian Institute of Mining and Metallurgy (MAusIMM) and have sufficient experience relevant to the activity which they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Vergara is the Chief Geologist and Mr Paull Principal Geologist of Eagle Mountain Mining Limited and consent to the inclusion in this document of the information in the form and context in which it appears. Mr Vergara and Mr Paull hold shares and options in Eagle Mountain Mining Limited.

Where the Company references historic exploration results including technical information from previous ASX announcements including 25 May 2020, JORC Table 1 disclosures are included within them. The Company confirms that it is not aware of any new information or data that materially affects the information included in those announcements, and all material assumptions and technical parameters underpinning the results within those announcements continue to apply and have not materially changed. In addition the form and context in which the Competent Persons findings are presented have not been materially modified from the original reports.

## EAGLE MOUNTAIN MINING LIMITED

Eagle Mountain is a copper-gold explorer focused on the strategic exploration and development of the Oracle Ridge Copper Mine and the highly-prospective greenfields Silver Mountain project, both located in Arizona, USA.

Arizona is at the heart of America's mining industry and home to some of the world's largest copper discoveries such as Bagdad, Miami and Resolution, one of the largest undeveloped copper deposits in the world.

Follow the Company's developments through our website and social media channels.



Website <https://eaglemountain.com.au/>



Twitter [https://twitter.com/eagle\\_mining](https://twitter.com/eagle_mining)



LinkedIn <https://www.linkedin.com/company/eagle-mountain-mining-ltd/>



## Attachment 1

*Summary table of 2021 drill holes at Oracle Ridge*

| Hole ID  | Easting | Northing | Elevation | Dip | Azimuth | Depth       |
|----------|---------|----------|-----------|-----|---------|-------------|
|          | [m]     | [m]      | [m]       | [°] | [°]     | [m]         |
| WT-20-16 | 524437  | 3593062  | 2102      | 55  | 248     | 339.4       |
| WT-21-01 | 524437  | 3593062  | 2102      | 60  | 252     | 364.0       |
| WT-21-02 | 524437  | 3593062  | 2102      | 60  | 207     | 364.1       |
| WT-21-03 | 524153  | 3593525  | 2020      | 73  | 100     | 211.5       |
| WT-21-04 | 524153  | 3593525  | 2020      | 50  | 182     | 351.1       |
| WT-21-05 | 524153  | 3593525  | 2020      | 60  | 182     | 265.5       |
| WT-21-06 | 524574  | 3592664  | 2090      | 47  | 187     | 468.2       |
| WT-21-07 | 524574  | 3592664  | 2090      | 50  | 170     | 357.2       |
| WT-21-08 | 524507  | 3592571  | 2096      | 60  | 190     | 454.8       |
| WT-21-09 | 524507  | 3592571  | 2096      | 55  | 213     | 334.7       |
| WT-21-10 | 524429  | 3593066  | 2115      | 60  | 221     | 353.0       |
| WT-21-11 | 524429  | 3593066  | 2115      | 70  | 240     | 331.6       |
| WT-21-12 | 524519  | 3592579  | 2099      | 50  | 173     | 428.4       |
| WT-21-13 | 524369  | 3592477  | 2195      | 65  | 132     | Abandoned   |
| WT-21-14 | 524368  | 3592476  | 2195      | 65  | 132     | Abandoned   |
| WT-21-15 | 524360  | 3592480  | 2195      | 78  | 270     | 374.6       |
| WT-21-16 | 524359  | 3592480  | 2195      | 70  | 270     | 346.9       |
| WT-21-17 | 524359  | 3592480  | 2195      | 63  | 270     | 337.7       |
| WT-21-18 | 523958  | 3593086  | 2096      | 57  | 346     | 159.7       |
| WT-21-19 | 524360  | 3592481  | 2195      | 68  | 319     | In progress |
| WT-21-20 | 523960  | 3593086  | 2096      | 63  | 008     | In progress |

*Summary table of significant diamond drill hole intersections at Oracle Ridge during 2021*

*Note - All reported intervals are downhole widths. True widths are not known nor being reported at this stage.*

| Hole ID          | From         | To           | Width       | Cu          | Ag           | Au          |
|------------------|--------------|--------------|-------------|-------------|--------------|-------------|
|                  | [m]          | [m]          | [m]         | [%]         | [g/t]        | [g/t]       |
| WT-20-16         | 206.5        | 219.2        | 12.7        | 1.41        | 17.72        | 0.22        |
| <i>Including</i> | <i>215.5</i> | <i>217.3</i> | <i>1.8</i>  | <i>3.24</i> | <i>32.8</i>  | <i>0.53</i> |
|                  | 278.6        | 295.7        | 17.0        | 1.48        | 19.23        | 0.23        |
| <i>Including</i> | <i>279.4</i> | <i>283.0</i> | <i>3.6</i>  | <i>2.59</i> | <i>32.37</i> | <i>0.25</i> |
| WT-21-01         | 199.1        | 204.4        | 5.3         | 2.86        | 30.92        | 0.1         |
|                  | 209.4        | 214.2        | 4.8         | 2.71        | 23.92        | 0.3         |
| <i>within</i>    | <i>199.1</i> | <i>216.9</i> | <i>17.8</i> | <i>1.71</i> | <i>16.89</i> | <i>0.15</i> |
|                  | 240.9        | 243.3        | 2.4         | 1.01        | 12.1         | 0.18        |
|                  | 251.6        | 256          | 4.4         | 1.25        | 9.34         | 0.09        |
|                  | 282.1        | 291          | 8.9         | 1.56        | 16.1         | 0.18        |
|                  | 300.9        | 304          | 3.1         | 1.16        | 7.8          | 0.17        |
| <i>within</i>    | <i>282.1</i> | <i>309.3</i> | <i>27.2</i> | <i>0.88</i> | <i>7.89</i>  | <i>0.11</i> |
| WT-21-02         | 215          | 216.9        | 1.9         | 1.07        | 5.77         | 0.01        |
|                  | 261.4        | 263          | 1.6         | 1.06        | 9.96         | 0.11        |
| WT-21-03         | 73.7         | 85.7         | 12.0        | 3.47        | 50.22        | 0.02        |
| <i>Including</i> | <i>73.7</i>  | <i>78.7</i>  | <i>4.9</i>  | <i>4.31</i> | <i>61.46</i> | <i>0.03</i> |
| WT-21-04         | 275.0        | 289.0        | 14.0        | 2.1         | 22.6         | 0.05        |

| Hole ID          | From  | To           | Width       | Cu          | Ag           | Au          |
|------------------|---|--------------|-------------|-------------|--------------|-------------|
| <i>Including</i> | <i>281.3</i>  | <i>289.0</i> | <i>7.7</i>  | <i>3.2</i>  | <i>31.5</i>  | <i>0.06</i> |
| <i>within</i>    | <i>272.0</i>  | <i>296.2</i> | <i>24.2</i> | <i>1.38</i> | <i>14.77</i> | <i>0.03</i> |
| <b>WT-21-05</b>  | Fault Zone Encountered - No significant intersections |              |             |             |              |             |
| <b>WT-21-06</b>  | 315.0   | 316.8        | 1.8         | 2.41        | 18.35        | 0.24        |
|                  | 338.1   | 340.5        | 2.4         | 2.04        | 21.10        | 0.20        |
|                  | 363.1   | 381.0        | 17.9        | 2.95        | 37.62        | 1.03        |
| <i>Including</i> | <i>363.1</i>  | <i>375.8</i> | <i>12.7</i> | <i>3.96</i> | <i>49.11</i> | <i>1.38</i> |
| <i>Including</i> | <i>367.1</i>  | <i>375.8</i> | <i>8.7</i>  | <i>5.20</i> | <i>66.74</i> | <i>1.98</i> |
| <i>Including</i> | <i>371.6</i>  | <i>372</i>   | <i>0.4</i>  | <i>34.4</i> | <i>367</i>   | <i>26.2</i> |
| <b>WT-21-07</b>  | 293.0   | 293.5        | 0.4         | 1.27        | 3.85         | 0.01        |
|                  | 320.4   | 321.2        | 0.9         | 2.02        | 16.35        | 0.65        |
| <b>WT-21-08</b>  | 295.8   | 296.5        | 0.7         | 2.15        | 22.60        | 0.39        |
| <b>WT-21-09</b>  | 180.2   | 182.8        | 2.6         | 1.02        | 8.94         | 0.23        |
|                  | 198.7   | 202.0        | 3.3         | 3.71        | 25.26        | 0.47        |
|                  | 277.0   | 278.6        | 1.6         | 1.53        | 14.55        | 0.28        |
|                  | 288.0   | 290.1        | 2.1         | 2.85        | 127          | 4.84        |
| <b>WT-21-10</b>  | 22m of low-grade mineralisation                       |              |             |             |              |             |
| <b>WT-21-11</b>  | 284.0   | 285.9        | 1.9         | 1.20        | 11.0         | 0.3         |
| <b>WT-21-12</b>  | 314.6   | 320.3        | 5.7         | 4.44        | 44.87        | 0.93        |
| <i>Including</i> | <i>314.6</i>  | <i>317.6</i> | <i>3.0</i>  | <i>6.80</i> | <i>66.70</i> | <i>1.50</i> |
| <b>WT-21-13</b>  | Hole Abandoned  |              |             |             |              |             |
| <b>WT-21-14</b>  | Hole Abandoned  |              |             |             |              |             |
| <b>WT-21-15</b>  | 231.0   | 241.5        | 10.6        | 2.10        | 16.92        | 0.58        |
|                  | 275.4   | 282.0        | 6.6         | 1.29        | 8.54         | 0.10        |
|                  | 303.5   | 311.0        | 7.5         | 1.62        | 17.09        | 0.36        |
| <i>Including</i> | <i>297.7</i>  | <i>318.9</i> | <i>21.2</i> | <i>1.33</i> | <i>12.53</i> | <i>0.22</i> |
| <b>WT-21-16</b>  | Assays pending  |              |             |             |              |             |
| <b>WT-21-17</b>  | Assays pending  |              |             |             |              |             |
| <b>WT-21-18</b>  | Assays pending  |              |             |             |              |             |
| <b>WT-21-19</b>  | Hole in progress                                      |              |             |             |              |             |
| <b>WT-21-20</b>  | Hole in progress                                      |              |             |             |              |             |

## Attachment 2

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data



| Criteria              | JORC Code explanation   | Commentary  |
|-----------------------|---|---|
| Sampling techniques   | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li><i>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.</i></li> </ul> | <ul style="list-style-type: none"> <li>Diamond drilling. Nominal sampling interval of 3m adjusted as required for local geological conditions. Core was sawn and half-core was crushed, pulverised and split to produce a representative sample for assaying.</li> <li>Samples returning weighted average Cu <math>\geq</math> 1% are reported in the announcement.</li> <li>Wider intercepts are reported using a 0.6% Cu cut-off.</li> </ul>        |
| Drilling techniques   | <ul style="list-style-type: none"> <li><i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i></li> </ul>  | <ul style="list-style-type: none"> <li>Diamond drilling completed by Boart Longyear using an LF-90 drill rig.</li> <li>Core is HQ3 size.</li> <li>Downhole deviation surveys are performed every 30.5m (100 feet)</li> <li>The core is oriented with a Boart Longyear Truecore™ system to allow measurement of structural information.</li> </ul>   |
| 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> <li><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li><i>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.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Core recoveries are recorded by the drillers at the rig and verified by Company's personnel during core logging.</li> <li>To maximise sample recovery and core quality drilling is performed with a "triple tube" set up where two splits are inserted in the barrel to minimize core displacement and core loss.</li> <li>No relationship has been determined between sample recoveries and grade.</li> </ul> |
| Logging               | <ul style="list-style-type: none"> <li><i>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</i></li> </ul>   | <ul style="list-style-type: none"> <li>A quick log is completed on site and detailed logging is performed at the Company's facility in Tucson.</li> <li>Logging is both qualitative and quantitative in nature. Portable XRF</li> </ul>   |

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
|  | <p>studies.</p> <ul style="list-style-type: none"> <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>  | <p>and magnetic susceptibility measurements are taken at regular intervals on the core.</p> <ul style="list-style-type: none"> <li>Core is photographed after mark-up, before sampling, wet and dry.</li> <li>100% of the relevant intersections is logged.</li> </ul>   |
| 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> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <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 style="list-style-type: none"> <li>The core is sawn in half by ALS Minerals at their Tucson facility. Half of the core is bagged and sent for assaying while the other half is left in the core box for future reference.</li> <li>ALS Minerals conducted all preparation work: samples were weighed, dried, crushed and crushed to better than 70% passing 2mm; sample was split with a riffle splitter and a split of up to 250g pulverised to better than 85% passing 75µm.</li> <li>Duplicates are used to assess the sampling representativeness. When duplicates are collected the core is quartered: one quarter is sent to the laboratory as the primary sample, the other quarter is sent to the laboratory as the duplicate and the remaining half of the core is left in the box for future reference.</li> <li>Sample sizes are considered appropriate to the grain size of the material being sampled.</li> </ul> |
| 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> <li>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.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>   | <ul style="list-style-type: none"> <li>ALS Minerals assay methods: ME-MS61 (48 element four acid ICP-MS) and Au-AA23 (Au 30g charge Fire Assay with Atomic Absorption finish). The technique is considered a near total digest of relevant minerals Above detection samples are re-assayed with Au-GRA21, Ag-OG62, Cu-OG62, Pb-OG62, Zn-OG62.</li> <li>Certified Reference Material (CRM), blanks and duplicates were inserted/collected at a ratio of 1:10 with a minimum of 1 CRM per assays batch. CRMs are inserted at intervals never exceeding 20 samples. Acceptable levels of accuracy and precision have been established.</li> </ul>   |
| 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> <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>  | <ul style="list-style-type: none"> <li>Significant intersections have been verified by Company's Principal Geologist.</li> <li>No twinned holes reported.</li> <li>Logging and sampling data are collected using tablet computers and Logchief software to ensure data integrity. The data is transferred weekly to the Datashed database after further data validation by the database manager.</li> <li>No assay adjustment performed.</li> </ul>  |
| Location of data points                        | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations</li> </ul>   | <ul style="list-style-type: none"> <li>NAD83 Arizona State Plane Central (International feet). Data is presented in NAD83 UTM Zone 12N (meters).</li> </ul>  |

| Criteria   | JORC Code explanation  | Commentary   |
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|  | <p><i>used in Mineral Resource estimation.</i></p> <ul style="list-style-type: none"> <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>National Elevation Dataset. Horizontal resolution of approximately 10m and vertical resolution of 1m.</li> <li>Drill holes are located with a hand-held GPS with an estimated horizontal accuracy of <math>\pm 5</math>m.</li> </ul>  |
| <i>Data spacing and distribution</i>                           | <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>The data spacing of the new drilling results reported is insufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource estimation.</li> </ul>  |
| <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> <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> | <ul style="list-style-type: none"> <li>The relationship between drilling orientation and orientation of key mineralised structures is yet to be determined.</li> </ul>   |
| <i>Sample security</i>   | <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>Core boxes are collected at the drill rig by Company personnel and transported to the Tucson logging facility. After logging the core is delivered by Company personnel to ALS Minerals' Tucson facilities for cutting, sampling, sample preparation and assaying.</li> </ul> |
| <i>Audits or reviews</i>                                       | <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>No audits or reviews of sampling techniques have been completed.</li> </ul>   |

## Section 2 Reporting of Exploration Results

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

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
| <i>Mineral tenement and land tenure status</i> | <ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> </ul> | <ul style="list-style-type: none"> <li>The Oracle Ridge mine is located in the Marble Peak area, approximately 30 kilometres by air northeast of Tucson, Arizona, U.S.A. It is located in Sections 17, 18, 19 and 20 of Township 11 South, Range 16 East, Gila and Salt River Base and Meridian of the U.S. cadastral system. The geographical coordinates are approximately Latitude 32°28' North, Longitude 110°41' West.</li> <li>The Oracle Ridge mine is 100% owned by Wedgetail Operations, an Arizona limited liability corporation controlled by Eagle Mountain Mining Ltd and its subsidiaries.</li> <li>The project consists of 57 patented mining claims covering approximately 364 hectares, 143 hectares of private land and 405</li> </ul> |



| Criteria                          | JORC Code explanation   | Commentary  |
|-----------------------------------|---|---|
| Exploration done by other parties | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul> | <p>hectares of unpatented claims. The project has been recently expanded with the staking of 105 unpatented mining claims over two prospects named OREX and Red Hawk.</p> <ul style="list-style-type: none"> <li>In 2009, the surface rights for the area necessary for potential mining access (e.g. portals), processing facilities and offices have been secured by an industrial property lease. Under the agreement, Wedgetail Operations LLC leases the surface rights to the project for the purpose of carrying out its exploration, potential development and mining. The lease has an initial term of three years and is renewable for nine additional extensions of three years each.</li> <li>A separate surface access agreement is in place to allow access to drill sites and drill pads construction.</li> <li>100% of the mineral rights are owned by Wedgetail Operations LLC.</li> <li>There is a 3% net smelter returns royalty on the future sale of any metals and minerals derived from the project.</li> <li>The land tenure is secure at the time of reporting and there are no known impediments to obtaining permits to operate in the area.</li> </ul><br><ul style="list-style-type: none"> <li>The Oracle Ridge Mining District was discovered in 1873. In 1881, an 18 tonne per day copper smelter was erected at nearby Apache Camp. The ore for this smelter was supplied from the Hartman, Homestake, Leatherwood, Stratton, Geesman and other small mines in the area.</li> <li>Phelps Dodge Copper Company (Phelps Dodge) entered the District in 1910 and undertook considerable development and exploration work.</li> <li>Continental Copper, Inc began exploring in the District in the 1950s. Continental leased the property in 1968 with an option to purchase and undertook a large exploration and development program. This was the first time there was a large scale assessment of the mineralisation.</li> <li>Union Miniere began a new exploration program in April 1980. In 1984, a feasibility study for an 1,814 short ton per day operation was completed.</li> <li>In October 1988, South Atlantic Ventures acquired Union Miniere's interest and entered into a 70-30 partnership with Continental to develop the mine. Minproc Engineers Inc. was contracted to supervise the confirmatory metallurgical test work. A detailed design was started in November 1989 on a column flotation plant. Construction of the facility commenced in April 1990 and the first ore was processed through the plant on March 3, 1991. The capacity of</li> </ul> |

| Criteria               | JORC Code explanation  | Commentary   |
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|                        |  | <p>the mill was initially set at 771 short ton per day. The mill capacity was later expanded to approximately 1,000 short ton per day.</p> <ul style="list-style-type: none"> <li>• The mine closed in 1996. Production records show that approximately 1,200,000 short ton were milled since commencement of operation.</li> <li>• Between 2009 and 2015 the project was owned by Oracle Ridge Mining, a TSX-V listed company, which drilled approximately 130 surface and underground holes.</li> </ul>  |
| Geology                | <ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>   | <ul style="list-style-type: none"> <li>• The deposit is classified as copper dominated skarn. Minerals representative of both prograde and retrograde skarn development are present, the former being represented by diopside and garnets, the latter by epidote, magnetite and chlorite.</li> <li>• Copper dominated mineralisation generally contain chalcopyrite and bornite. The deposits are most commonly associated with Andean-type plutons intruded in older continental-margin carbonate sequences. The associated intrusive rocks are commonly porphyritic stocks, dikes and breccia pipes of quartz diorite, granodiorite, monzogranite and tonalite composition, intruding carbonate rocks, calcareous-volcanic or tuffaceous rocks. The deposits shapes vary from stratiform and tabular to vertical pipes, narrow lenses, and irregular zones that are controlled by intrusive contacts.</li> <li>• The copper rich skarn deposits at Oracle Ridge are found in conformable lens along the contact with the Leatherwood Granodiorite or associated with faults and shear zones which intersect the Leatherwood. These have acted as feeders into the reactive carbonate horizons. The latter can form a “Christmas Tree” type shape.</li> </ul> |
| Drill hole Information | <ul style="list-style-type: none"> <li>• <i>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:</i> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> </li> <li>• <i>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.</i></li> </ul> | <ul style="list-style-type: none"> <li>• See body of announcement including Attachment 1.</li> </ul>   |

| Criteria  | JORC Code explanation  | Commentary  |
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| <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 (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i></li> <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> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul> | <ul style="list-style-type: none"> <li>Exploration results are reported as weighted averages of samples with Cu<math>\geq</math>1%. If a up to two samples with Cu&lt;1% are shouldered by samples with Cu<math>\geq</math>1%, the former samples are included in the weighted average calculations.</li> <li>No metal equivalents reported.</li> </ul> |
| <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> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>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').</i></li> </ul>   | <ul style="list-style-type: none"> <li>All intervals reported are down hole length. True widths are not known at this stage.</li> </ul>   |
| <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>   | <ul style="list-style-type: none"> <li>See body of announcement .</li> </ul>  |
| <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>   | <ul style="list-style-type: none"> <li>All exploration results obtained so far have been reported.</li> </ul>   |
| <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 results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul>   | <ul style="list-style-type: none"> <li>No other meaningful and material exploration data beyond this and previous ASX announcements by the Company.</li> </ul>  |
| <i>Further work</i>   | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <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>  | <ul style="list-style-type: none"> <li>Further work will include interpretation of logging and assay results when they become available. Additional drill holes will be completed at Oracle Ridge in the coming weeks.</li> </ul>   |