

Further Resource Expansion Potential at Oracle Ridge Copper Mine Drill Interval in a New Zone: 12m at 3.47% Cu, 50.22g/t Ag from 73.7m

- A sparsely drilled area at the northern extent of the targeted near mine area returns 12m at 3.47% Cu and 50.22g/t Ag in diamond drillhole WT-21-03.
- Follow up drilling to hole WT-21-03 inspected strong visible copper mineralisation over a 10m zone with assays pending for WT-21-04.
- Extensions to the central zone and proximal to existing development shown with:
  - 17.8m at 1.71% Cu, 16.89g/t Ag and 0.15g/t Au from 199m (WT-21-02), including:
    - o 5.3m at 2.86% Cu, 30.92g/t Ag and 0.1g/t Au; and
    - o 4.8m at 2.71% Cu, 23.92g/t Ag and 0.3g/t Au.
- Drilling currently targeting extensions to high grade breccia zones in the southern sections encountered in hole WT-20-10 which intersected 11.55% Cu, 273g/t Ag and 5.41g/t Au over 1.5m.

Eagle Mountain Mining CEO, Tim Mason, commented:

"We are delighted that our first hole in this northern area intersected high grade copper and silver mineralisation, approximately 40m west of existing JORC Resources, and at a depth of only 70m directly below surface. This area is sparsely drilled and shows significant potential to expand the resource to the west of this hole. Following on from this hole, WT-21-03, we have seen visible copper mineralisation over a 10m zone in WT-20-04, with assays pending."

Eagle Mountain Mining Limited (ASX:EM2) ("Eagle Mountain", the "Company") is pleased to report further strong copper intercepts from its ongoing drilling program at the Company's 80% owned Oracle Ridge Mine Project ("Oracle Ridge") in Arizona, USA.

Assay results from holes WT-21-01, WT-21-02 and WT-21-03 have been received and are reported in this announcement.

Table 1 – Summary of reported significant intersections at a 1% Cu cut-off within broader intervals at 0.6% Cu cut-off

Hole ID	Width	From	То	Cu	Ag	Au
	[m]	[m]	[m]	[%]	[g/t]	[g/t]
WT-21-01	5.3	199.1	204.4	2.86	30.92	0.10
	4.8	209.4	214.2	2.71	23.92	0.30
within	17.8	199.1	216.9	1.71	16.89	0.15
	2.4	240.9	243.3	1.01	12.1	0.18
	4.4	251.6	256	1.25	9.34	0.09
	8.9	282.1	291	1.56	16.1	0.18
	3.1	300.9	304	1.16	7.8	0.17
within	27.2	282.1	309.3	0.88	7.89	0.11
WT-21-02	1.9	215	216.9	1.07	5.77	0.01
	1.6	261.4	263	1.06	9.96	0.11
WT-21-03	12.0	73.7	85.7	3.47	50.22	0.02
Including	4.9	73.7	78.7	4.31	61.46	0.03

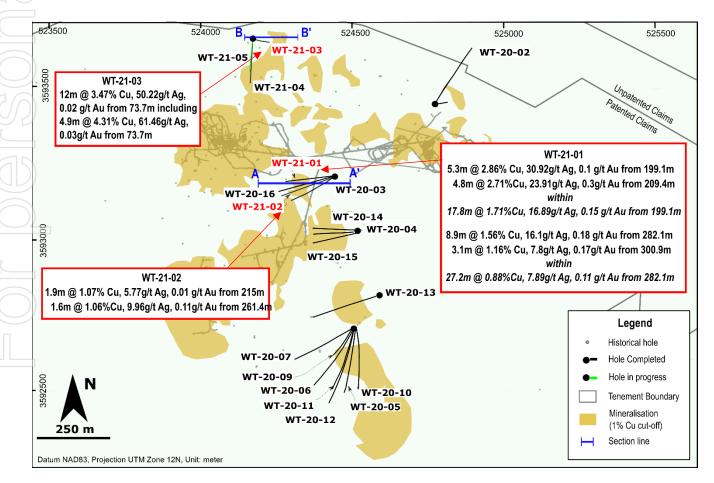


Figure 1 – Summary map of recent drill holes at Oracle Ridge with highlight of assay results reported in the current announcement. See summary table at the back of the announcement for complete results for all holes.

#### WT-21-01

WT-21-01 was drilled to the north of WT-20-03 and WT-20-16 and intersected two main zones of mineralisation near a Leatherwood intrusion rising upwards from the main Leatherwood body at depth consistent with those previously encountered in WT-20-03 and WT-20-16:

- o 5.3m at 2.86% Cu, 30.92g/t Ag and 0.10g/t Au
- o 4.8m at 2.71% Cu, 23.91g/t Ag and 0.3g/t Au

These two intervals fall within a larger zone of 17.8m at 1.71% Cu, 16.89g/t Au and 0.15g/t Au.

Importantly, the existing underground development is located less than 30m from this copper-rich horizon.

The eastern extension to this zone (Figure 2) is planned to be tested by drilling in the coming months. which will target the eastern flank of the intrusive for additional mineralisation at the sediments-Leatherwood contact (Figure 2).

In close proximity to the Leatherwood granitic intrusion is another drillhole interval:

8.9m at 1.56% Cu, 16.1g/t Ag and 0.18g/t Au

This interval sits within a broader zone of 27.2m at 0.88% Cu, 7.89g/t Ag and 0.11g/t Au. This zone appears to continue northwards about 50-60m towards high-grade historical intersections off-section in Figure 2 (OUH-018 – 7.3m at 2.67% Cu, 25.58g/t Ag and 0.38g/t Au and OUH-021 – 8.2m at 1.54% Cu, 12.43g/t Ag and 0.18g/t Au).

#### WT-21-02

WT-21-02 did not reach its target depth as drilling was interrupted by a snowstorm which required the drill rig to be moved to lower elevations for safety reasons. It did intersect minor mineralisation above and below a finger of Leatherwood granitic intrusive (Figure 2). WT-21-02 may be extended or its target drilled from a different location in the coming months to assess the western extension to mineralisation encountered in historical hole OUH-018 (Figure 2).

The intercepts shown in Figure 2 are at a 0.6% Cu cut-off for the broader mineralised envelope along with higher grade zones at a 1.0% Cu cut-off.

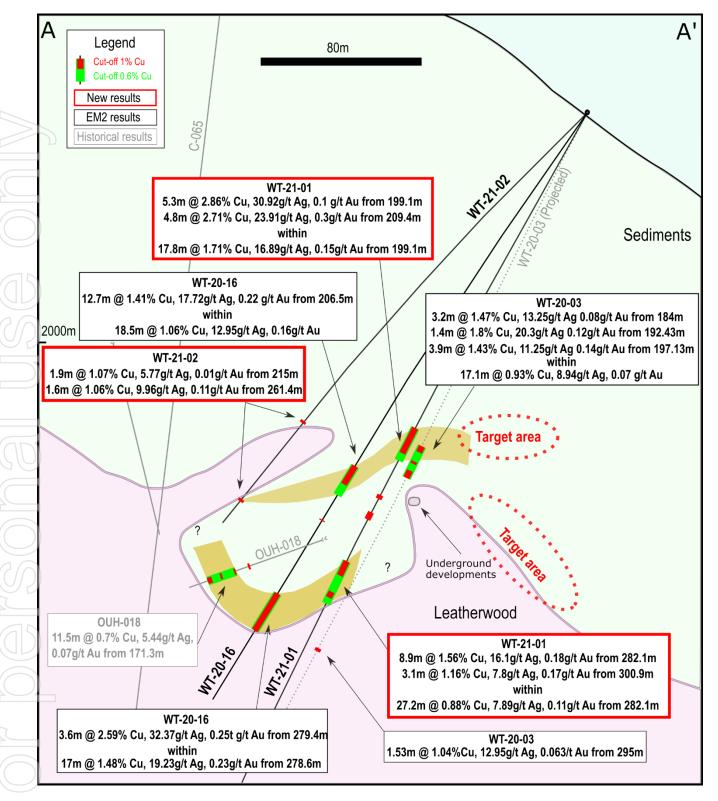


Figure 2 – Cross Section showing holes WT-21-01 and WT-21-02. Refer Figure 1 for section location. Note that drill holes appear closer than they actually are as drilling is completed in a fan-shaped pattern and results are projected onto the same section.

#### WT-21-03

WT-21-03 was drilled at the northern end of the mine area to test unconstrained mineralisation in historical holes coincident with a strong magnetic anomaly. Significant chalcopyrite mineralisation was encountered at shallow depth:

• 12.0m at 3.47% Cu, 50.22g/t Ag and 0.02g/t Au from 73.7m, including 4.9m at 4.31% Cu, 61.46g/t Ag and 0.03g/t Au

This intersection potentially extends mineralisation encountered in historical drill holes by 100m (Figure 3). Substantial potential remains to both the west and south.

It is interpreted that the mineralisation is dipping towards the south, so the true thickness of the mineralisation is likely to be less than that shown in Figure 3.

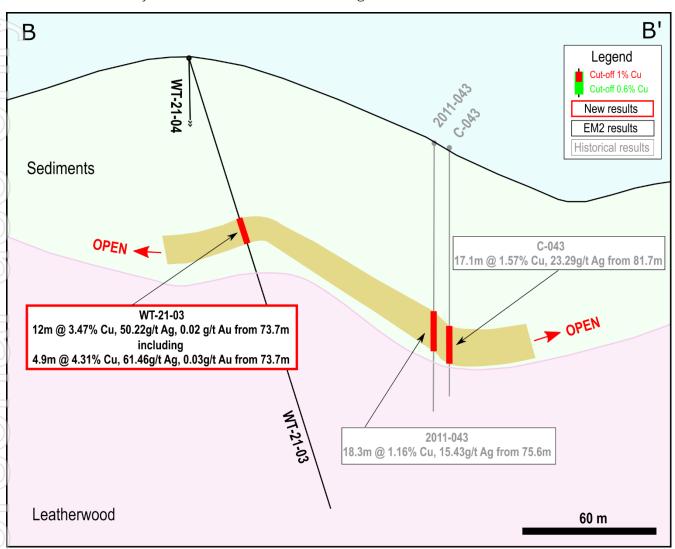


Figure 3 Cross-section showing hole WT-21-03 and historical intersections. The recent hole has potentially extended known mineralisation westward by approximately 100m. Note hole WT-21-04 was drilled off section, towards the south.

## **Drilling progress**

Two more holes were completed from the WT-21-03 drill pad at the northern end of the mine area:

- Hole WT-21-04 intersected a strong zone of chalcopyrite mineralisation at the skarn-Leatherwood intrusive contact (Figure 4). The core has been sent to the laboratory with assay results expected in March 2021.
- Hole WT-21-05 was drilled to the north of WT-21-04, testing the same mineralisation at the skarn-Leatherwood contact.
- After completing hole WT-21-05, the rig has moved back to the southern end of the mine area
  to test unconstrained high-grade mineralisation encountered in breccias and skarns in recent
  drilling such as:
  - o WT-20-10 (13.3m at 2.43% Cu, 52.6g/t Ag and 0.94g/t Au including 1.5m at 11.55% Cu, 273g/t Ag and 5.41g/t Au, see ASX announcement 18 December 2020)

o WT-20-05 (15.1m at 1.72% Cu, 16.87g/t Ag and 0.38g/t Au, see ASX announcement 20 November 2020).

The northern area of the deposits retains significant upside and further drillholes will be planned after all assays have been received and reviewed in detail against geological and geophysical information.



Figure 4 Strong copper mineralisation (chalcopyrite, yellow) in core from WT-21-04. (288.4m to 288.7m) The high-grade zone is approximately 10m in downhole length. Assays pending.

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

#### 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 greenfield (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 developments through our website and social media channels

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Website <a href="https://eaglemountain.com.au/">https://eaglemountain.com.au/</a>



Twitter <a href="https://twitter.com/eagle\_mining">https://twitter.com/eagle\_mining</a>



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

# Attachment 1

## Summary table of 2020 and 2021 drill holes at Oracle Ridge

Hole ID	Easting	Northing	Elevation	Dip	Azimuth	Depth
	[m]	[m]	[m]	[0]	[•]	[m]
WT-20-01	524771	3593296	1908	50	080	73.2
WT-20-02	524771	3593296	1908	47	030	326.7
WT-20-03	524437	3593062	2102	62	235	335.3
WT-20-04	524513	3592882	2105	58	267	377.3
WT-20-05	524507	3592571	2096	55	191	401.4
WT-20-06	524507	3592571	2096	47	210	369.1
WT-20-07	524507	3592571	2096	45	235	342.3
WT-20-08	524507	3592571	2096	63	210	198.4
WT-20-09	524506	3592570	2096	63	210	334.7
WT-20-10	524507	3592571	2096	55	170	398.2
WT-20-11	524507	3592571	2096	50	194	370.9
WT-20-12	524507	3592571	2096	45	198	413.6
WT-20-13	524574	3592664	2090	45	250	396.2
WT-20-14	524513	3592882	2105	65	270	371.2
WT-20-15	524513	3592882	2105	60	250	367.9
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	n/a

## Summary table of significant diamond drill hole intersections at Oracle Ridge during 2020 and 2021

Note - All reported intervals are downhole widths. True widths are not known at this stage

Hole ID	From	То	Width	Cu	Ag	Au
	[m]	[m]	[m]	[%]	[g/t]	[g/t]
WT-20-01			Hole aba	andoned		
WT-20-02		N	lo Significant Ir	ntersection (NS	SI)	
WT-20-03	184.0	187.2	3.2	1.80	20.30	0.12
	192.4	193.9	1.4	1.47	13.25	0.08
	197.1	201.1	3.9	1.43	11.25	0.14
WT-20-04	184.9	189.5	4.6	5.28	50.70	0.77
Including	186.3	187.2	0.9	13.05	127.00	0.32
	236.9	238.6	1.7	1.44	11.05	0.16
	289.0	290.9	1.9	1.33	17.20	0.19
	294.0	297.6	3.6	1.96	19.38	0.16
WT-20-05	313.9	329.0	15.1	1.72	16.87	0.38
Including	313.9	317.3	3.4	1.89	15.97	0.35
Including	321.3	329.7	8.4	2.46	25.09	0.56
WT-20-06	210.0	249.0	39.0	1.17	10.26	0.23

Including	210.0	212.9	2.9	6.76	63.51	0.87
Including						
Including	218.3	219.2	0.9	2.61	20.80	0.59
Including	225.4	234.6	9.2	1.19	9.51	0.21
Including	245.4	249.0	3.6	2.18	19.49	0.89
WT-20-07	264.6	265.8	1.2	1.09	5.04	0.09
	269.0	272.6	3.6	1.35	5.12	0.08
	311.7	312.4	0.7	1.55	13.15	0.32
WT-20-08			Hole aba	andoned	T	
WT-20-09	175.3	178.1	2.8	1.38	10.85	0.17
	260.0	264.8	4.8	1.21	13.05	0.20
WT-20-10	319.3	321.0	1.7	3.98	42.1	0.71
	328.0	332.0	4.0	1.75	26.38	0.37
	343.0	344.0	1.0	4.89	132	0.47
	348.7	362.0	13.3	2.43	52.6	0.94
Including	348.7	350.2	1.5	11.55	273	5.41
WT-20-11	275.2	276.6	1.3	9.14	52.5	0.69
	285.6	294.0	8.4	2.80	18.75	0.61
Including	285.6	291.0	5.4	3.56	23.54	0.81
WT-20-12	228.6	230.7	2.1	2.45	14.9	0.42
	262.0	264.0	2.0	2.35	17.1	0.29
	274.0	280.0	6.0	1.40	12.26	0.17
	287.4	288.9	1.5	1.03	8.76	0.31
WT-20-13	272.5	274.0	1.5	1.47	11.85	0.07
	338.5	339.5	1.0	1.34	10.55	0.09
WT-20-14	250.6	258.0	7.3	1.45	11.59	0.18
WT-20-15	187.9	194.0	6.1	4.24	36.16	0.36
WT-20-16	206.5	219.2	12.7	1.41	17.72	0.22
Including	215.5	217.3	1.8	3.24	32.8	0.53
	278.6	295.7	17.0	1.48	19.23	0.23
Including	279.4	283.0	3.6	2.59	32.37	0.25
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
within	199.1	216.9	17.8	1.71	16.89	0.15
777(7777	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
within	282.1	309.3	27.2	0.88	7.89	0.11
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
Including	73.7	78.7	4.9	4.31	61.46	0.03
WT-21-04		<u> </u>		pending		
WT-21-05						
WT-21-06	Assays pending In progress					

# Attachment 2

# **JORC Code, 2012 Edition - Table 1**

# **Section 1 Sampling Techniques and Data**



Criteria	JORC Code explanation	Commentary
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>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>Standard intersections are reported using a Cu ≥ 1% cut-off</li> <li>Wider intercepts are reported using a Cu ≥ 0.6% cut-off</li> <li>Intercepts are reported as weighted averages</li> </ul>
Drilling techniques	<ul> <li>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).</li> </ul>	<ul> <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> <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>	<ul> <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> <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</li> </ul>	<ul> <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 and magnetic susceptibility measurements are taken at regular</li> </ul>

Criteria	JORC Code explanation	Commentary
	costean, channel, etc) photography.  • The total length and percentage of the relevant intersections logged.	<ul> <li>intervals on the core.</li> <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> <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> <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> <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> <li>ALS Minerals assay methods: ME-MS61 (48 element four acid ICP-MS), Hg-MS42 (trace Hg by 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> <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> <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	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used	<ul> <li>NAD83 Arizona State Plane Central (International feet). Data is presented in NAD83 UTM Zone 12N (meters)</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul><li>Specification of the grid system used.</li><li>Quality and adequacy of topographic control.</li></ul>	<ul> <li>and vertical resolution of 1m</li> <li>Drill holes are located with a hand-held GPS with an estimated horizontal accuracy of ±5m</li> </ul>
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>	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
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 mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	The relationship between drilling orientation and orientation of key mineralised structures is yet to be determined
Sample security	The measures taken to ensure sample security.	<ul> <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>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews of sampling techniques have been completed.

# **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>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 (80%) and Vincere Resource Holdings LLC (20%)</li> <li>The project consists of 57 patented mining claims covering</li> </ul>

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	approximately 364 hectares, 143 hectares of private land and 405 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  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.  A separate surface access agreement is in place to allow access to drill sites and drill pads construction  100% of the mineral rights are owned by Wedgetail Operations LLC  There is a 3% net smelter returns royalty on the future sale of any metals and minerals derived from the project.  The land tenure is secure at the time of reporting and there are no known impediments to obtaining permits to operate in the area.  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.  Phelps Dodge Copper Company (Phelps Dodge) entered the District in 1910 and undertook considerable development and exploration work.  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.  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.  In October 1988, South Atlantic Ventures acquired Union Miniere's interest and entered into a 70-30 par
	Page <b>13</b> of	

Criteria	JORC Code explanation	Commentary
		<ul> <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	Deposit type, geological setting and style of mineralisation.	<ul> <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 later 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, monzo-granite 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 later can form a "Christmas Tree" type shape.</li> </ul>
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>	See body of announcement

Criteria	JORC Code explanation	Commentary
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 examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Exploration results are reported as weighted averages of intervals using a Cu≥1% cut-off. Reportable intervals are shouldered by assays above the selected cut-off.</li> <li>Wider intercepts are reported as weighted averages of intervals using a Cu≥0.6% cut-off. Reportable intervals are shouldered by assays above the selected cut-off.</li> <li>E.g. Weighted average of 5.34m @ 2.86% Cu, 30.92g/t Ag, 0.1g/t Au obtained from:  Hole ID From To Width Cu Ag Au Comment  WT-21-01 199.1 201.2 2.1 2.38 36.70 0.12 Shoulder sample with Cu ≥ 1%  WT-21-01 201.2 203.2 2.0 0.86 6.18 0.02 Internal waste  WT-21-01 203.2 204.4 1.2 7.05 62.40 0.19 Shoulder sample with Cu ≥ 1%</li> <li>No metal equivalents reported</li> </ul>
Relationship between mineralisatio n 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>	<ul> <li>All intervals reported are down hole length. True widths are not known at this stage. Based on the limited information available it appears that WT-21-01 was drilled oblique to the local stratigraphy. Estimated true thickness is approximately 6.5m. Further drilling is required to verify this estimate.</li> </ul>
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	See body of announcement
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	All exploration results obtained so far have been reported.
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.	No other meaningful and material exploration data beyond this and previous ASX announcements by the Company
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>	<ul> <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>