



"Venus Metals Corporation holds a significant and wide-ranging portfolio of Australian gold, base metals, vanadium and lithium, exploration projects in Western Australia that has been carefully assembled over time."

## VENUS METALS CORPORATION LIMITED

Unit 2/8 Alvan St  
Subiaco, WA 6008  
+61 8 9321 7541

info@venusmetals.com.au  
[www.venusmetals.com.au](http://www.venusmetals.com.au)  
ABN: 99 123 250 582

## DIRECTORS

Peter Charles Hawkins  
Non-Executive Chairman

Matthew Vernon Hogan  
Managing Director

Kumar Arunachalam  
Executive Director

Barry Fehlberg  
Non-Executive Director

## COMPANY SECRETARY

Patrick Tan

Ordinary shares on Issue 190m  
Share Price \$0.09  
Market Cap. \$17.1m  
Cash & Liquid Investments \$3.2m  
(as at 31 December 2023)

25 March 2024



ASX CODE: VMC

## YOUANMI LITHIUM PROJECT DRILLING CONFIRMS SIGNIFICANT HIGH-GRADE LITHIUM DISCOVERY AT DEEP SOUTH

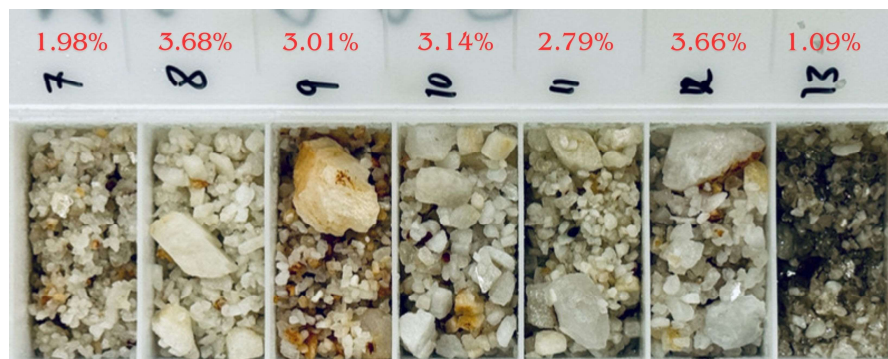
Venus Metals Corporation Limited ("Venus" or the "Company") is pleased to provide an update on the exploration results at its Youanmi Lithium Project (VMC 100%) regarding recent drilling at the Deep South Lithium Prospect (ASX releases 6 February 2024). The exploratory Reverse Circulation (RC) drilling programme tested areas with outcropping lithium-rich pegmatites (**up to 4.6% Li<sub>2</sub>O**; ASX release 29 January 2024) and distinct soil geochemical anomalies in areas with shallow soil cover.

### Highlights

- Significant intersections of high-grade lithium pegmatite at East Zone, starting from surface or shallow depth;  
**VMC220 - 24m @ 1.71% Li<sub>2</sub>O**, including **14m @ 2.54% Li<sub>2</sub>O** (0-14m)  
**VMC209 - 15m @ 1.34% Li<sub>2</sub>O**, including **8m @ 2.19% Li<sub>2</sub>O** (0-8m)  
**VMC224 - 7m @ 1.54% Li<sub>2</sub>O**, including **3m @ 2.89% Li<sub>2</sub>O** (1-4m)
- High-grade lithium pegmatite intersected at North Zone include;  
**VMC212 - 2m @ 4.09% Li<sub>2</sub>O** (0m-2m)  
**VMC213 - 3m @ 1.89% Li<sub>2</sub>O**, including **1m @ 4.06% Li<sub>2</sub>O** (16-17m)
- The lithium pegmatites are locally strongly enriched in Tantalum (up to **1439 ppm Ta<sub>2</sub>O<sub>5</sub>**)
- The drilling results confirm East Zone as a significant NNW-SSE trending lithium exploration target that is **open along strike**. Modelling of exploration results indicates an overall gently northerly plunge for the high-grade lithium mineralisation, presenting **well defined targets for Phase 2 follow-up drilling programmes**.

### Venus Managing Director Matthew Hogan commented:

"These high-grade results from our maiden drilling campaign at Deep South Lithium Prospect pave the way for future exploration at this exciting prospect. Along with intersections of 24m @ 1.71% Li<sub>2</sub>O including 14m @ 2.54% Li<sub>2</sub>O we've been pleasantly surprised by the tantalum enrichment within the pegmatites. With much of the observed mineralisation open along strike, we look forward to pursuing follow up drilling to define the scale of the opportunity at Deep South".



Detail of chip tray with drill samples and lithium assay results (%Li<sub>2</sub>O) from high-grade pegmatite intersected in drill hole VMC220 (6m-13m interval).



## Project Background

The Deep South mineralisation represents a significant new lithium find situated in a poorly outcropping and under-explored area directly east from the crustal-scale Youanmi Fault Zone in a newly defined southern extension of the Youanmi Greenstone Belt, about 44 km south of the Youanmi Gold Mine (Figure 1).

Lithium mineralisation was discovered by Venus following a regional Ultrafine (UF) soil sampling programme that outlined an extensive, 1.4km x 0.4km, northeasterly trending lithium geochemical anomaly (ASX release 6 July 2023). Field checks showed common thin sand cover over poorly outcropping bedrock that comprise mafic/ultramafic and granitoid rocks including pegmatite. Lithium-rich pegmatites with up to 4.6%  $\text{Li}_2\text{O}$  were identified in three main zones (North Zone, Central Zone, East Zone; Figure 2) covering a 300m by 200m area over one of the strongest lithium soil anomalies (up to 833ppm  $\text{Li}_2\text{O}$ ). XRD tests confirmed petalite as the lithium mineral in outcropping pegmatites. Petalite ( $\text{LiAlSi}_4\text{O}_{10}$ ) has a similar composition to spodumene ( $\text{LiAl}(\text{SiO}_3)_2$ ) and is known to occur with spodumene in other lithium deposits in the region (e.g. Mt Holland, Mt Ida; Figure 1).

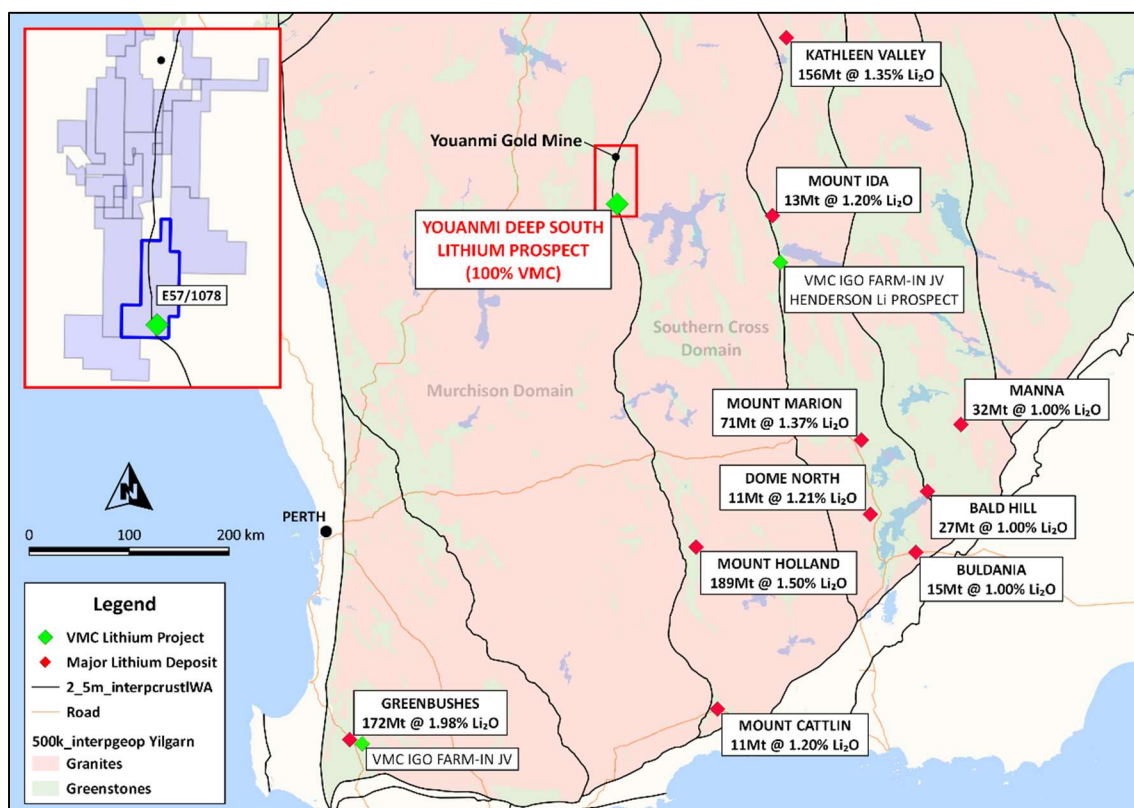


Figure 1. Location map with major Lithium deposits and tectonic boundaries of the Yilgarn Craton. Inset shows Youanmi tenements.



## Recent Drilling Results

Phase 1 drilling at the Deep South Prospect was completed in February 2024 and comprised 26 RC holes for a total of 2250m drilled (Table 1). Selected assay results for significant intercepts ( $\geq 0.2\%$   $\text{Li}_2\text{O}$ ) are presented in Table 2.

The drilling programme tested the depth continuation of outcropping lithium pegmatites at Deep South (Figure 2). Drilling defined a flatly northerly dipping lithium mineralised zone (Figure 3) defined by muscovite pegmatite and characterised by enrichment in tantalum (up to 1439ppm  $\text{Ta}_2\text{O}_5$ ) and tin (up to 231ppm Sn). This zone is generally 5m - 10m thick and may be composed of more than one pegmatite body. Significant high-grade lithium domains are present at East Zone where an interpreted northerly trending fault intersects the gently dipping mineralised surface. Vertical hole VMC220, drilled into outcropping petalite at East Zone, intersected 24m @ 1.71%  $\text{Li}_2\text{O}$  including a petalite-rich 14m @ 2.54%  $\text{Li}_2\text{O}$  from surface (Figures 3,4). The high-grade can be traced south to hole VMC224 (7m @ 1.54%  $\text{Li}_2\text{O}$ ) which confirms the significance of the East Zone mineralisation which is open along strike to north and south (Figure 4). The currently available data is consistent with a gently northerly plunge for the significant high-grade zone intersected in hole VMC220.

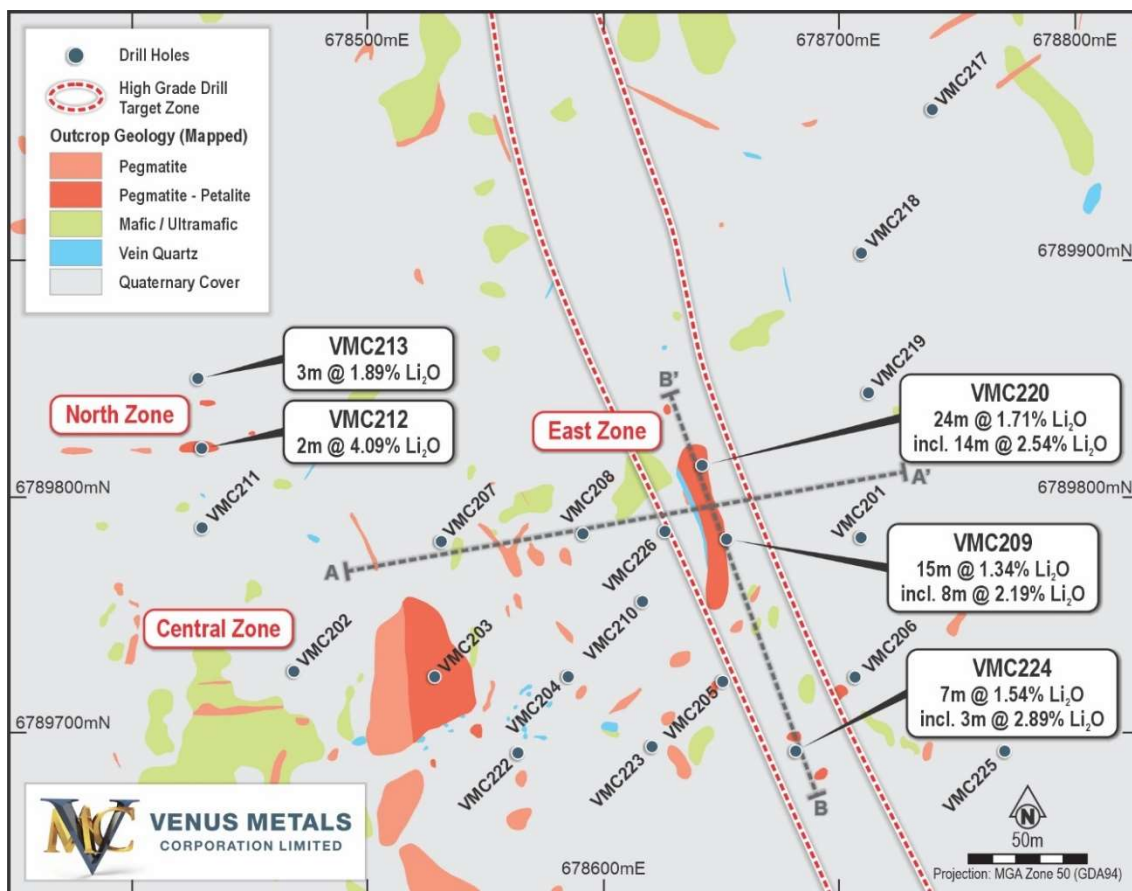


Figure 2. Outcrop geology and drillhole location plan.



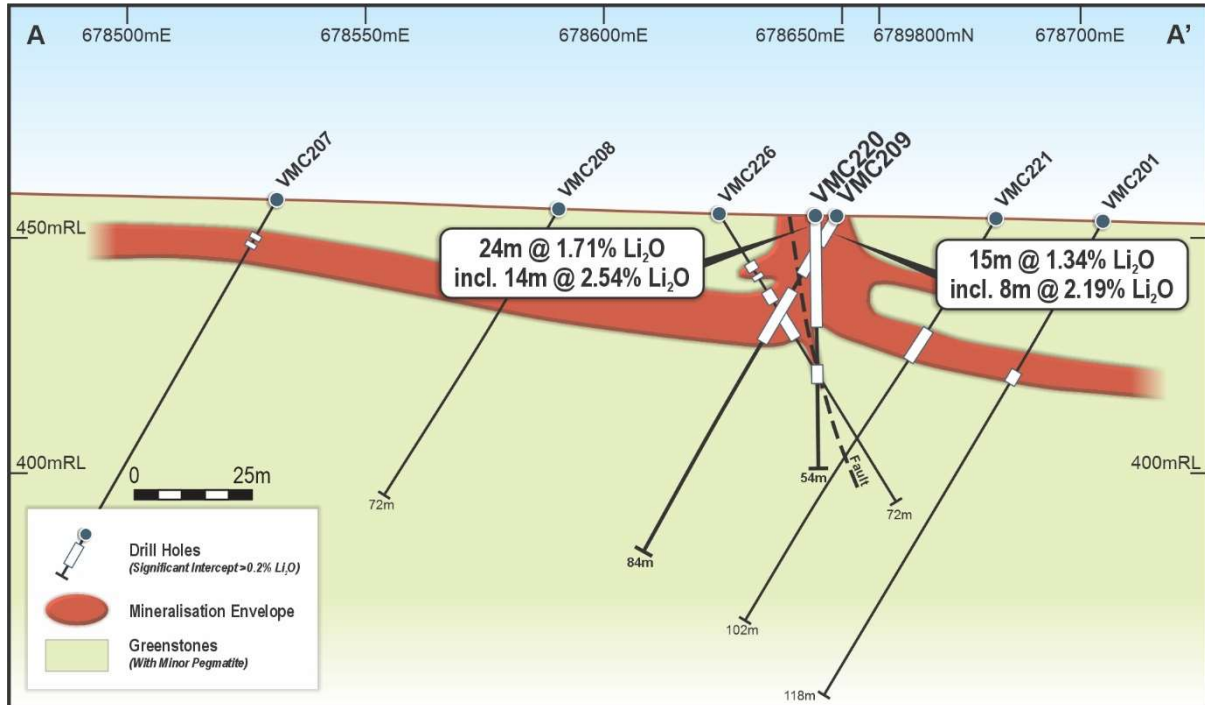


Figure 3. Geological cross section A-A' (see Figure 2 for location).

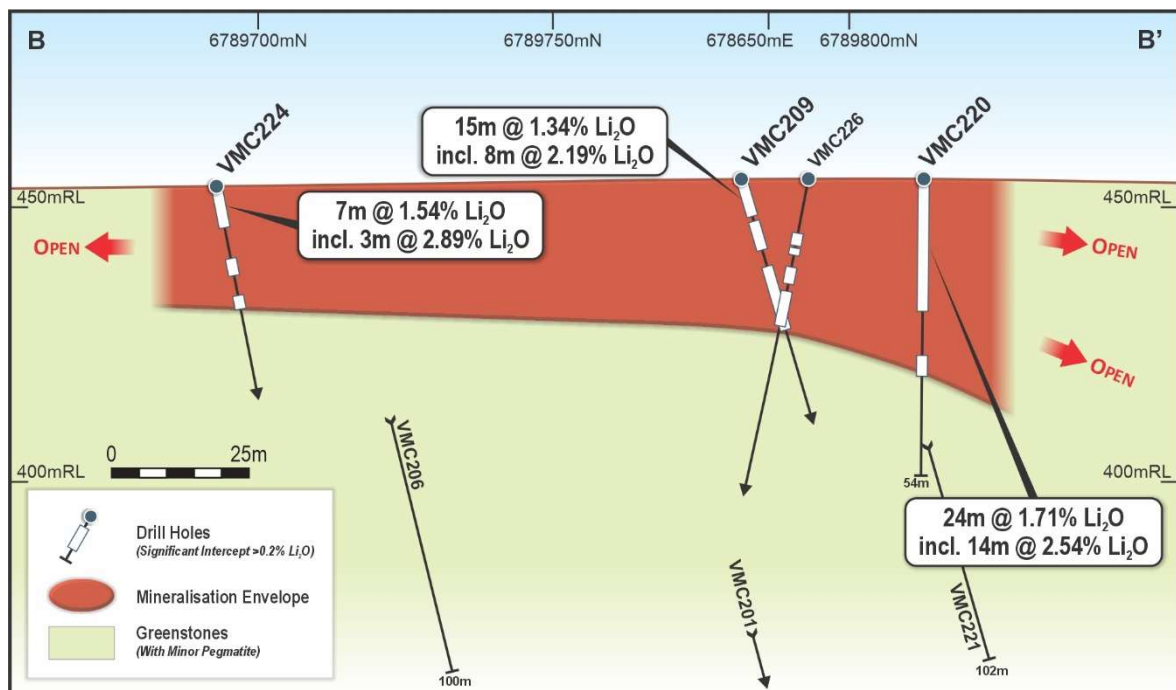


Figure 4. Schematic longitudinal geological section B-B' (30m search window; see Figure 2 for location), parallel to the interpreted NNW-SSE trending corridor of high-grade lithium mineralisation (East Zone).



High-grade lithium mineralisation was intersected in two drill holes at North Zone (Figure 2). Vertical hole VMC212, collared in outcropping petalite-rich pegmatite, intersected 2m @ 4.09% Li<sub>2</sub>O from surface and scissor hole VMC213 recorded 3m @ 1.89% Li<sub>2</sub>O from 15m depth. The limited drilling of North Zone suggests a gently northerly dip for the mineralisation but additional drilling is planned to better define the outlines of this mineralisation and its potential correlation with high-grade mineralisation at East Zone.

### Further Work

The positive Phase 1 drilling results confirm the potential of the Deep South Prospect to contain significant lithium mineralisation and thereby also increases the regional potential for the discovery of lithium deposits under cover. An extensive follow-up exploration programme is planned that will include both RC and diamond drilling at the main Deep South Prospect, in addition to a regional programme of shallow Auger drilling and infill soil sampling that will test subtle soil geochemical anomalies identified in previous geochemical surveys by VMC over poorly outcropping areas peripheral to the Deep South soil geochemical anomaly (ASX release 29 January 2024).

**Table 1. Collar location and orientation data.**

| Hole_ID | Easting<br>MGA94 | Northing<br>MGA94 | Depth<br>m | Azimuth | Dip |
|---------|------------------|-------------------|------------|---------|-----|
| VMC201  | 678710           | 6789785           | 118        | 270     | -60 |
| VMC202  | 678500           | 6789725           | 100        | 270     | -60 |
| VMC203  | 678530           | 6789725           | 154        | 270     | -60 |
| VMC204  | 678590           | 6789725           | 136        | 270     | -60 |
| VMC205  | 678650           | 6789725           | 58         | 270     | -60 |
| VMC206  | 678710           | 6789725           | 100        | 270     | -60 |
| VMC207  | 678530           | 6789785           | 102        | 270     | -60 |
| VMC208  | 678590           | 6789785           | 72         | 270     | -60 |
| VMC209  | 678650           | 6789785           | 84         | 270     | -60 |
| VMC210  | 678620           | 6789755           | 72         | 270     | -60 |
| VMC211  | 678430           | 6789790           | 84         | 360     | -60 |
| VMC212  | 678430           | 6789820           | 30         | 360     | -90 |
| VMC213  | 678430           | 6789850           | 72         | 180     | -60 |
| VMC214  | 677975           | 6789600           | 72         | 90      | -60 |
| VMC215  | 678025           | 6789600           | 72         | 270     | -60 |
| VMC216  | 678075           | 6789600           | 84         | 270     | -60 |
| VMC217  | 678710           | 6789965           | 102        | 270     | -60 |
| VMC218  | 678710           | 6789905           | 108        | 270     | -60 |
| VMC219  | 678710           | 6789845           | 108        | 270     | -60 |
| VMC220  | 678644           | 6789816           | 54         | 360     | -90 |
| VMC221  | 678680           | 6789815           | 102        | 270     | -60 |
| VMC222  | 678560           | 6789695           | 78         | 270     | -60 |
| VMC223  | 678620           | 6789695           | 72         | 270     | -60 |
| VMC224  | 678680           | 6789695           | 72         | 270     | -60 |
| VMC225  | 678770           | 6789695           | 72         | 270     | -60 |
| VMC226  | 678624           | 6789785           | 72         | 90      | -60 |



**Table 2. Assay data for significant drill intersections ( $\geq 0.2\%$  Li<sub>2</sub>O).**

| Hole_ID | From | To | Sample_ID | Li<br>ppm | Li <sub>2</sub> O<br>pct | Ta <sub>2</sub> O <sub>5</sub><br>ppm | Sn<br>ppm | Cs<br>ppm | Rb<br>ppm |
|---------|------|----|-----------|-----------|--------------------------|---------------------------------------|-----------|-----------|-----------|
| VMC201  | 37   | 38 | 24020038  | 2097      | 0.45                     | 75                                    | 139       | 193       | 3441      |
| VMC201  | 38   | 39 | 24020039  | 2423      | 0.52                     | <b>153</b>                            | 164       | 214       | 3774      |
| VMC201  | 39   | 40 | 24020040  | 1146      | 0.25                     | 140                                   | 115       | 96        | 2060      |
| VMC202  | 66   | 67 | 24020185  | 1038      | 0.22                     | 2                                     | 14        | 390       | 2241      |
| VMC203  | 0    | 1  | 24020219  | 1242      | 0.27                     | 78                                    | 41        | 120       | 2532      |
| VMC203  | 2    | 3  | 24020221  | 1671      | 0.36                     | 54                                    | 150       | 110       | 2360      |
| VMC203  | 3    | 4  | 24020222  | 1027      | 0.22                     | 59                                    | 107       | 92        | 2397      |
| VMC204  | 3    | 4  | 24020376  | 1097      | 0.24                     | 48                                    | 183       | 127       | 2553      |
| VMC204  | 4    | 5  | 24020377  | 2566      | 0.55                     | <b>259</b>                            | 214       | 291       | 4214      |
| VMC204  | 5    | 6  | 24020378  | 3285      | 0.71                     | <b>218</b>                            | 231       | 343       | 4845      |
| VMC204  | 6    | 7  | 24020379  | 1823      | 0.39                     | <b>166</b>                            | 208       | 147       | 3061      |
| VMC205  | 0    | 1  | 24020509  | 963       | 0.21                     | 21                                    | 36        | 165       | 1331      |
| VMC205  | 2    | 3  | 24020511  | 995       | 0.21                     | 2                                     | 16        | 427       | 3232      |
| VMC205  | 7    | 8  | 24020516  | 1275      | 0.27                     | 1                                     | 32        | 470       | 4135      |
| VMC205  | 8    | 9  | 24020517  | 2270      | 0.49                     | 16                                    | 104       | 693       | 6347      |
| VMC205  | 9    | 10 | 24020518  | 967       | 0.21                     | 18                                    | 48        | 391       | 2817      |
| VMC205  | 10   | 11 | 24020519  | 1329      | 0.29                     | 7                                     | 37        | 431       | 2669      |
| VMC205  | 11   | 12 | 24020520  | 1208      | 0.26                     | 77                                    | 33        | 409       | 2888      |
| VMC207  | 9    | 10 | 24020676  | 2780      | 0.60                     | 0                                     | bd        | 280       | 507       |
| VMC207  | 11   | 12 | 24020678  | 1252      | 0.27                     | 42                                    | 184       | 88        | 2433      |
| VMC209  | 0    | 1  | 24020841  | 17742     | <b>3.82</b>              | 16                                    | bd        | 26        | 245       |
| VMC209  | 1    | 2  | 24020842  | 18028     | <b>3.88</b>              | 6                                     | bd        | 16        | 81        |
| VMC209  | 2    | 3  | 24020843  | 20349     | <b>4.38</b>              | 6                                     | bd        | 6         | 50        |
| VMC209  | 3    | 4  | 24020844  | 8299      | <b>1.79</b>              | 27                                    | 23        | 135       | 2681      |
| VMC209  | 4    | 5  | 24020845  | 3594      | 0.77                     | 46                                    | 123       | 188       | 3077      |
| VMC209  | 5    | 6  | 24020846  | 4711      | <b>1.01</b>              | 45                                    | 82        | 162       | 2404      |
| VMC209  | 6    | 7  | 24020847  | 6239      | <b>1.34</b>              | 59                                    | 90        | 146       | 2101      |
| VMC209  | 7    | 8  | 24020848  | 2496      | 0.54                     | 10                                    | 16        | 74        | 693       |
| VMC209  | 9    | 10 | 24020850  | 964       | 0.21                     | 8                                     | 11        | 62        | 408       |
| VMC209  | 10   | 11 | 24020851  | 1143      | 0.25                     | 9                                     | 17        | 131       | 634       |
| VMC209  | 11   | 12 | 24020852  | 1403      | 0.30                     | 38                                    | 107       | 114       | 1616      |
| VMC209  | 12   | 13 | 24020853  | 2224      | 0.48                     | <b>691</b>                            | 199       | 241       | 3758      |
| VMC209  | 13   | 14 | 24020854  | 3140      | 0.68                     | 132                                   | 48        | 359       | 7769      |
| VMC209  | 14   | 15 | 24020855  | 2339      | 0.50                     | 56                                    | 102       | 107       | 2082      |
| VMC209  | 19   | 20 | 24020860  | 938       | 0.20                     | <b>511</b>                            | 67        | 388       | 1423      |
| VMC209  | 20   | 21 | 24020861  | 3392      | 0.73                     | 69                                    | 155       | 1187      | 6758      |
| VMC209  | 21   | 22 | 24020862  | 1291      | 0.28                     | <b>170</b>                            | 19        | 310       | 1356      |
| VMC209  | 22   | 23 | 24020863  | 1071      | 0.23                     | 98                                    | 16        | 213       | 803       |
| VMC209  | 23   | 24 | 24020864  | 1072      | 0.23                     | 83                                    | 15        | 188       | 723       |
| VMC209  | 24   | 25 | 24020865  | 1140      | 0.25                     | 27                                    | 28        | 246       | 1416      |
| VMC209  | 26   | 27 | 24020867  | 1642      | 0.35                     | 40                                    | 54        | 474       | 2942      |
| VMC209  | 27   | 28 | 24020868  | 2901      | 0.62                     | 108                                   | 146       | 2458      | 6150      |
| VMC209  | 28   | 29 | 24020869  | 3304      | 0.71                     | 126                                   | 75        | 4749      | 7933      |
| VMC209  | 29   | 30 | 24020870  | 1739      | 0.37                     | 71                                    | 61        | 1311      | 3361      |
| VMC209  | 31   | 32 | 24020872  | 1389      | 0.30                     | 47                                    | 12        | 104       | 584       |
| VMC210  | 29   | 30 | 24020954  | 1218      | 0.26                     | 1                                     | bd        | 209       | 353       |



**Table 2. Continued.**

| Hole_ID | From | To | Sample_ID | Li<br>ppm | Li <sub>2</sub> O<br>pct | Ta <sub>2</sub> O <sub>5</sub><br>ppm | Sn<br>ppm | Cs<br>ppm | Rb<br>ppm |
|---------|------|----|-----------|-----------|--------------------------|---------------------------------------|-----------|-----------|-----------|
| VMC212  | 0    | 1  | 24021081  | 19818     | <b>4.27</b>              | 9                                     | bd        | 2         | 23        |
| VMC212  | 1    | 2  | 24021082  | 18166     | <b>3.91</b>              | 1                                     | bd        | 35        | 148       |
| VMC212  | 6    | 7  | 24021087  | 8509      | <b>1.83</b>              | 9                                     | bd        | 13        | 103       |
| VMC212  | 7    | 8  | 24021088  | 1465      | 0.32                     | 5                                     | bd        | 9         | 53        |
| VMC212  | 9    | 10 | 24021090  | 1059      | 0.23                     | 1                                     | bd        | 7         | 52        |
| VMC213  | 6    | 7  | 24021117  | 1068      | 0.23                     | 1                                     | bd        | 177       | 581       |
| VMC213  | 8    | 9  | 24021119  | 1102      | 0.24                     | 0                                     | bd        | 250       | 973       |
| VMC213  | 11   | 12 | 24021122  | 9202      | <b>1.98</b>              | 37                                    | bd        | 50        | 1167      |
| VMC213  | 15   | 16 | 24021126  | 5605      | <b>1.21</b>              | 49                                    | 30        | 46        | 1346      |
| VMC213  | 16   | 17 | 24021127  | 18838     | <b>4.06</b>              | <b>1397</b>                           | 30        | 89        | 918       |
| VMC213  | 17   | 18 | 24021128  | 1925      | 0.41                     | 56                                    | bd        | 45        | 387       |
| VMC214  | 0    | 1  | 24021183  | 1001      | 0.22                     | 42                                    | 61        | 104       | 1580      |
| VMC214  | 1    | 2  | 24021184  | 1127      | 0.24                     | 47                                    | 95        | 78        | 1646      |
| VMC214  | 3    | 4  | 24021186  | 1644      | 0.35                     | 89                                    | 106       | 90        | 2008      |
| VMC214  | 4    | 5  | 24021187  | 1591      | 0.34                     | 82                                    | 70        | 98        | 1703      |
| VMC217  | 91   | 92 | 24021502  | 988       | 0.21                     | 56                                    | 71        | 263       | 1177      |
| VMC218  | 49   | 50 | 24021562  | 1957      | 0.42                     | 55                                    | 89        | 555       | 3501      |
| VMC218  | 63   | 64 | 24021576  | 995       | 0.21                     | 19                                    | 52        | 86        | 992       |
| VMC218  | 64   | 65 | 24021577  | 1116      | 0.24                     | 60                                    | 125       | 65        | 1754      |
| VMC218  | 67   | 68 | 24021580  | 1235      | 0.27                     | <b>456</b>                            | 157       | 122       | 2382      |
| VMC218  | 69   | 70 | 24021582  | 945       | 0.20                     | 56                                    | 14        | 25        | 359       |
| VMC219  | 28   | 32 | 24028416  | 952       | 0.20                     | 1                                     | 2         | 221       | 1077      |
| VMC219  | 32   | 33 | 24021653  | 1789      | 0.39                     | 1                                     | 38        | 399       | 3252      |
| VMC219  | 33   | 34 | 24021654  | 2199      | 0.47                     | 52                                    | 105       | 462       | 4690      |
| VMC219  | 34   | 35 | 24021655  | 1851      | 0.40                     | 121                                   | 156       | 194       | 2714      |
| VMC219  | 35   | 36 | 24021656  | 1063      | 0.23                     | 1                                     | 23        | 531       | 4259      |
| VMC219  | 39   | 40 | 24021660  | 7164      | <b>1.54</b>              | 105                                   | 129       | 127       | 2768      |
| VMC219  | 40   | 41 | 24021661  | 6365      | <b>1.37</b>              | 52                                    | 17        | 80        | 1974      |
| VMC219  | 41   | 42 | 24021662  | 1364      | 0.29                     | 77                                    | 140       | 125       | 2287      |
| VMC219  | 42   | 43 | 24021663  | 1848      | 0.40                     | 101                                   | 90        | 690       | 4947      |
| VMC220  | 0    | 1  | 24021729  | 18523     | <b>3.99</b>              | <b>643</b>                            | bd        | 7         | 31        |
| VMC220  | 1    | 2  | 24021730  | 17222     | <b>3.71</b>              | 18                                    | bd        | 41        | 1151      |
| VMC220  | 2    | 3  | 24021731  | 1413      | 0.30                     | 2                                     | bd        | 456       | 11375     |
| VMC220  | 3    | 4  | 24021732  | 19244     | <b>4.14</b>              | <b>1439</b>                           | 108       | 15        | 302       |
| VMC220  | 4    | 5  | 24021733  | 10254     | <b>2.21</b>              | <b>197</b>                            | 51        | 102       | 1728      |
| VMC220  | 5    | 6  | 24021734  | 2042      | 0.44                     | 9                                     | bd        | 110       | 5677      |
| VMC220  | 6    | 7  | 24021735  | 9193      | <b>1.98</b>              | 14                                    | 11        | 97        | 2886      |
| VMC220  | 7    | 8  | 24021736  | 17082     | <b>3.68</b>              | 21                                    | bd        | 45        | 1043      |
| VMC220  | 8    | 9  | 24021737  | 13959     | <b>3.01</b>              | 13                                    | bd        | 35        | 428       |
| VMC220  | 9    | 10 | 24021738  | 14594     | <b>3.14</b>              | 19                                    | 27        | 52        | 550       |
| VMC220  | 10   | 11 | 24021739  | 12954     | <b>2.79</b>              | 78                                    | 10        | 149       | 2923      |
| VMC220  | 11   | 12 | 24021740  | 17000     | <b>3.66</b>              | <b>1003</b>                           | 26        | 75        | 1188      |
| VMC220  | 12   | 13 | 24021741  | 5064      | <b>1.09</b>              | <b>193</b>                            | 66        | 229       | 4545      |
| VMC220  | 13   | 14 | 24021742  | 6571      | <b>1.41</b>              | <b>603</b>                            | 118       | 594       | 5368      |
| VMC220  | 14   | 15 | 24021743  | 2081      | 0.45                     | 79                                    | 102       | 236       | 3466      |
| VMC220  | 15   | 16 | 24021744  | 2541      | 0.55                     | 62                                    | 156       | 198       | 3022      |



Table 2. Continued.

| Hole_ID | From | To | Sample_ID | Li<br>ppm | Li <sub>2</sub> O<br>pct | Ta <sub>2</sub> O <sub>5</sub><br>ppm | Sn<br>ppm | Cs<br>ppm | Rb<br>ppm |
|---------|------|----|-----------|-----------|--------------------------|---------------------------------------|-----------|-----------|-----------|
| VMC220  | 16   | 17 | 24021745  | 2887      | 0.62                     | 73                                    | 197       | 282       | 3608      |
| VMC220  | 17   | 18 | 24021746  | 2118      | 0.46                     | 31                                    | 49        | 225       | 1660      |
| VMC220  | 18   | 19 | 24021747  | 3353      | 0.72                     | 62                                    | 132       | 764       | 4177      |
| VMC220  | 19   | 20 | 24021748  | 2772      | 0.60                     | 15                                    | 78        | 1310      | 3815      |
| VMC220  | 20   | 21 | 24021749  | 2155      | 0.46                     | 100                                   | 192       | 161       | 2885      |
| VMC220  | 21   | 22 | 24021750  | 2421      | 0.52                     | 117                                   | 202       | 197       | 3363      |
| VMC220  | 22   | 23 | 24021751  | 3369      | 0.73                     | <b>319</b>                            | 220       | 921       | 5520      |
| VMC220  | 23   | 24 | 24021752  | 2011      | 0.43                     | <b>173</b>                            | 117       | 492       | 3798      |
| VMC220  | 24   | 25 | 24021753  | 1869      | 0.40                     | 114                                   | 70        | 305       | 2108      |
| VMC220  | 25   | 26 | 24021754  | 958       | 0.21                     | 5                                     | bd        | 164       | 590       |
| VMC220  | 33   | 34 | 24021762  | 1013      | 0.22                     | 3                                     | bd        | 170       | 398       |
| VMC220  | 34   | 35 | 24021763  | 997       | 0.21                     | 2                                     | bd        | 193       | 453       |
| VMC221  | 30   | 31 | 24021813  | 3146      | 0.68                     | 15                                    | 88        | 600       | 8577      |
| VMC221  | 31   | 32 | 24021814  | 1328      | 0.29                     | 18                                    | 50        | 231       | 2945      |
| VMC221  | 32   | 33 | 24021815  | 1258      | 0.27                     | 41                                    | 52        | 172       | 2008      |
| VMC222  | 8    | 9  | 24021893  | 975       | 0.21                     | 2                                     | bd        | 136       | 453       |
| VMC222  | 10   | 11 | 24021895  | 975       | 0.21                     | 69                                    | 95        | 126       | 2126      |
| VMC223  | 8    | 9  | 24021971  | 1166      | 0.25                     | <b>569</b>                            | 125       | 281       | 2120      |
| VMC224  | 1    | 2  | 24022036  | 13264     | <b>2.86</b>              | 3                                     | bd        | 19        | 137       |
| VMC224  | 2    | 3  | 24022037  | 12610     | <b>2.71</b>              | 63                                    | bd        | 27        | 160       |
| VMC224  | 3    | 4  | 24022038  | 14401     | <b>3.10</b>              | 10                                    | bd        | 20        | 430       |
| VMC224  | 4    | 5  | 24022039  | 1446      | 0.31                     | 63                                    | 100       | 122       | 2277      |
| VMC224  | 5    | 6  | 24022040  | 2966      | 0.64                     | 71                                    | 200       | 493       | 5118      |
| VMC224  | 6    | 7  | 24022041  | 1181      | 0.25                     | 82                                    | 123       | 104       | 2675      |
| VMC224  | 7    | 8  | 24022042  | 4306      | 0.93                     | 7                                     | bd        | 41        | 238       |
| VMC224  | 15   | 16 | 24022050  | 2185      | 0.47                     | 103                                   | 135       | 452       | 4464      |
| VMC224  | 16   | 17 | 24022051  | 2500      | 0.54                     | 41                                    | 138       | 348       | 3779      |
| VMC224  | 17   | 18 | 24022052  | 1734      | 0.37                     | 136                                   | 225       | 590       | 4762      |
| VMC224  | 23   | 24 | 24022058  | 974       | 0.21                     | 6                                     | bd        | 174       | 515       |
| VMC224  | 24   | 25 | 24022059  | 965       | 0.21                     | 6                                     | bd        | 173       | 455       |
| VMC225  | 42   | 43 | 24022149  | 1293      | 0.28                     | 98                                    | 12        | 37        | 390       |
| VMC225  | 43   | 44 | 24022150  | 941       | 0.20                     | 3                                     | bd        | 66        | 1053      |
| VMC225  | 54   | 55 | 24022161  | 986       | 0.21                     | 45                                    | 66        | 181       | 2226      |
| VMC226  | 12   | 13 | 24022191  | 1385      | 0.30                     | 2                                     | 14        | 335       | 1211      |
| VMC226  | 13   | 14 | 24022192  | 952       | 0.21                     | 3                                     | bd        | 194       | 970       |
| VMC226  | 15   | 16 | 24022194  | 1926      | 0.41                     | 20                                    | 71        | 229       | 1545      |
| VMC226  | 19   | 20 | 24022198  | 1109      | 0.24                     | 114                                   | 54        | 228       | 1887      |
| VMC226  | 20   | 21 | 24022199  | 1643      | 0.35                     | 59                                    | 69        | 280       | 2735      |
| VMC226  | 21   | 22 | 24022200  | 1269      | 0.27                     | 3                                     | 31        | 247       | 2464      |
| VMC226  | 24   | 25 | 24022203  | 1678      | 0.36                     | 2                                     | 66        | 429       | 3499      |
| VMC226  | 25   | 26 | 24022204  | 2175      | 0.47                     | <b>211</b>                            | 139       | 466       | 3995      |
| VMC226  | 26   | 27 | 24022205  | 3823      | 0.82                     | 30                                    | 145       | 1342      | 9359      |
| VMC226  | 27   | 28 | 24022206  | 2872      | 0.62                     | <b>206</b>                            | 143       | 1128      | 4953      |
| VMC226  | 28   | 29 | 24022207  | 3709      | 0.80                     | 95                                    | 171       | 910       | 6701      |
| VMC226  | 30   | 31 | 24022209  | 1108      | 0.24                     | 56                                    | 36        | 362       | 1694      |





This announcement is authorised by the Board of Venus Metals Corporation Limited.

For further information please contact:

**Venus Metals Corporation Limited**

Matthew Hogan  
Managing Director

Ph +61 8 93 21 7541  
info@venusmetals.com.au

Lucas Robinson  
Investor Relations

Ph +61 408 228 889  
lucas@corporatestorytime.com

**Competent Person's Statement**

The information in this report that relates to Exploration Results, Mineral Resources or Ore Resources is based on information compiled by Dr F. Vanderhor, Geological Consultant of Venus Metals Corporation Ltd, who is a member of The Australian Institute of Geoscientists (AIG). Dr Vanderhor has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Vanderhor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results, Mineral Resources or Ore Resources is based on information also compiled by Mr Kumar Arunachalam, who is a Member of The Australasian Institute of Mining and Metallurgy and a full-time employee of the Company. Mr Arunachalam has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Arunachalam consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Forward-Looking Statements**

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Venus Metals Corporation Limited planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Venus Metals Corporation Ltd believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

## Appendix-1

### JORC Code, 2012 Edition – Table 1

#### Youanmi Lithium Project – RC drilling Deep South Prospect

#### Section 1 Sampling Techniques and Data

| Criteria                                              | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Sampling techniques</i>                            | <ul style="list-style-type: none"><li>One-meter RC samples of 1.5-2kg were collected from a rig-mounted splitter and bagged using labelled calico bags.</li><li>Composite RC samples were collected from the drill spoil piles using a plastic spear taking a total of c. 1.5 kg of sample that was placed in a labelled calico bag.</li><li>The individual one-meter samples were bagged, labelled, and temporarily stored on site. One-meter samples of pegmatite-bearing rock together with the composite samples were submitted for analysis at a Perth laboratory.</li><li>Sampling was by VMC staff and contractors.</li></ul>                                                                                                                                                                                                                                    |
| <i>Drilling techniques</i>                            | <ul style="list-style-type: none"><li>RC holes were first drilled down to 6m depth with a 5.5-inch hammer to fit a PVC collar, and the remainder was drilled with a 5-inch hammer.</li><li>Downhole surveys were done for all RC holes using a Gyro instrument, usually at 10m intervals.</li><li>All holes were drilled at a nominal angle of -60° or -90° and set up using a Suunto compass.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <i>Drill sample recovery</i>                          | <ul style="list-style-type: none"><li>No recovery issues were reported in the VMC drilling reports.</li><li>The recovery was generally good, and samples were kept dry.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <i>Logging</i>                                        | <ul style="list-style-type: none"><li>For all holes, small sub-samples were washed and stored in chip trays for reference.</li><li>A qualified geologist logged all holes in full.</li><li>Photographs were taken of chip trays and drill spoil piles</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <i>Sub-sampling techniques and sample preparation</i> | <ul style="list-style-type: none"><li>Select one-meter RC samples of 1.5-2kg from pegmatite-bearing drill intersections were submitted to Jinning Laboratories (Perth) and analysed for 20 elements using Peroxide Fusion/ICPMS-ICPOES. Samples are fused in a furnace (~ 650 °C) with Sodium Peroxide in a nickel crucible. The melt is dissolved in dilute Hydrochloric acid and the solution analysed. This process provides complete dissolution of most minerals including silicates. Analyses are performed via ICP-OES and/or ICP-MS.</li><li>Four-meter composite RC samples (c. 1.5 kg) were submitted to Jinning Laboratories (Perth) for 62 element analyses, including the lithium suite, using mixed acid digest with ICPMS-ICPOES finish</li><li>The above sample sizes and analytical techniques are considered adequate for lithium analysis.</li></ul> |
| <i>Quality of assay data and laboratory tests</i>     | <ul style="list-style-type: none"><li>Quality control procedures for the rock chip and drill sample analyses include the insertion of international standard controls, repeats and blanks by the laboratory.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <i>Verification of sampling and assaying</i>          | <ul style="list-style-type: none"><li>No independent verification of sampling and assaying has been carried out.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <i>Location of data points</i>                        | <ul style="list-style-type: none"><li>A handheld GPS with an accuracy of +/-4m was used to locate drill hole collars.</li><li>Grid systems used are geodetic datum: GDA 94, MGA Zone 50.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Data spacing and distribution</i>                  | <ul style="list-style-type: none"><li>Drill fences are 30m or 60m apart. Distance between drillholes is nominal 30m or 60m.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Criteria                                                       | Commentary                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Orientation of data in relation to geological structure</i> | <ul style="list-style-type: none"> <li>Inclined RC drill holes were orientated approximately perpendicular to the interpreted strike of the targeted pegmatites. Two vertical holes were collared on outcropping lithium-rich pegmatite to test the depth extent of mineralisation.</li> </ul> |
| <i>Sample security</i>                                         | <ul style="list-style-type: none"> <li>All samples were transported directly to a Perth laboratory by VMC staff or contractors.</li> </ul>                                                                                                                                                     |
| <i>Audits or reviews</i>                                       | <ul style="list-style-type: none"> <li>No audits or reviews have been carried out to date on sampling techniques and data.</li> </ul>                                                                                                                                                          |

## Section 2 Reporting of Exploration Results

| Criteria                                                                | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Mineral tenement and land tenure status</i>                          | <ul style="list-style-type: none"> <li>E57/1078 JV tenement – Venus Metals Ltd owns 100% of all commodities except Gold.</li> <li>To the best of Venus' knowledge, there are no known impediments to operate on the above listed EL.</li> <li>The tenement (E57/1078) falls within Marlinyu Ghoorlie native title claim (WC 2017/007) area.</li> </ul>                                                                                                                                                                                                                                                             |
| <i>Exploration done by other parties</i>                                | <p>Limited exploration for gold and base metals included;</p> <ul style="list-style-type: none"> <li>Gold Mines of Australia (GMA) 1989 -1996 soil sampling and RAB drilling.</li> <li>Aquila Resources 2000 – 2001.</li> <li>Lach Drummond Resources Ltd (2003-2004) – air core drilling of soil anomalies.</li> <li>Apex Minerals NL (2007-2008) – soil sampling.</li> <li>Goldcrest Mines Pty Ltd (2008 – 2013).</li> <li>Orrex Resources Ltd (2010-2011) – air core drilling and soil sampling.</li> <li>Beacon Minerals Ltd 2013 – 2015.</li> </ul>                                                           |
| <i>Geology</i>                                                          | <ul style="list-style-type: none"> <li>The targeted mineralization is LCT pegmatite, emplaced along the contact zone of mafic-ultramafic rocks of the Youanmi Igneous Complex and granitic rocks in the Yilgarn Craton of W.A..</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
| <i>Drill hole Information</i>                                           | <ul style="list-style-type: none"> <li>Drill hole locations are shown in figures in the announcement and details for all drill holes are listed in Table 1.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <i>Data aggregation methods</i>                                         | <ul style="list-style-type: none"> <li>Reported average grades represent the arithmetic mean of assays for the reported interval, allowing for 1 metre of internal waste and applying a lower limit of 0.20% Li<sub>2</sub>O.</li> <li>For RC results, only significant analyses ≥0.2% Li<sub>2</sub>O (2000ppm Li<sub>2</sub>O) are shown in the attached Table 2 and plotted on sections.</li> <li>A conversion factor of 2.153 has been applied to Li assays to calculate Li<sub>2</sub>O values. A conversion factor of 1.221 was applied in the conversion from Ta to Ta<sub>2</sub>O<sub>5</sub>.</li> </ul> |
| <i>Relationship between mineralisation widths and intercept lengths</i> | <ul style="list-style-type: none"> <li>Pegmatite-related LCT mineralisation intersected in inclined drillholes represents downhole length, and precise true thickness and width of mineralisation are yet to be determined.</li> <li>Vertical hole VMC220 was drilled to test outcropping lithium-rich pegmatite at East Zone. The orientation of this hole is at a small angle to the interpreted steep easterly dip of the lithium mineralisation and the reported intercept is therefore not an indication for the width of the mineralisation.</li> </ul>                                                      |
| <i>Diagrams</i>                                                         | <ul style="list-style-type: none"> <li>See figures attached to this release.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <i>Balanced reporting</i>                                               | <ul style="list-style-type: none"> <li>Results for the Deep South area are reported in tables and/or figures in this report.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Criteria                                  | Commentary                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Other substantive exploration data</i> | <ul style="list-style-type: none"> <li>To the best of Venus' knowledge there is no substantive other exploration data relevant to Li exploration in the area shown.</li> </ul>                                                                                                                                                                                                                                          |
| <i>Further work</i>                       | <ul style="list-style-type: none"> <li>A programme of RC and diamond drilling is planned to further investigate the extent of the pegmatite-hosted LCT mineralization at Deep South with a focus on testing an interpreted NNW-SSE trending corridor along strike from the outcropping East Zone pegmatites. A regional programme of shallow Auger drilling and infill soil sampling is also in preparation.</li> </ul> |