



**ASX/Media Release**

**(ASX: MZN)**

**10 November 2016**

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Marindi Metals Ltd  
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Australia

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Ross Ashton  
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**Issued Capital:**

1,165m fully paid ordinary shares,  
236.8m listed options Ex. 2.0c Expiring  
31 December 2016  
64m unlisted options Ex. 2.5c Expiring  
31 December 2019

## High-Grade Lithium Potential Confirmed at Forrestania

Sampling results of up to 6.2% Li<sub>2</sub>O from newly acquired  
Gem and Phantom pegmatites

### Key Points:

- Significant results from historic rock and trench sampling at the Gem and Phantom Pegmatites.
- Review of historical sampling data completed for the existing open pit at the Gem Pegmatite, demonstrating the presence of lithium mineralisation.
- Initial outcrop geology map completed of multiple LCT pegmatites recorded historically.
- POW submitted for ~5000m RC drilling program, scheduled to commence in early December.
- Nickel sulphide mineralisation also identified in analysis of historical diamond drill holes.

Marindi Metals Limited (ASX: MZN) is pleased to report encouraging initial results from its recently commenced maiden field exploration program at the Forrestania Lithium Project in Western Australia.

As outlined in the September Quarterly Report, the Company has acquired a significant amount of historical data on mining and sampling of the Gem pegmatite and exploration activities on other Lithium Caesium Tantalum (LCT) pegmatites within the recently optioned Mt Hope Mining Lease (M77/549).

The Forrestania Lithium Project, including the centrally located Mt Hope Mining Lease, is located in the emerging Forrestania Lithium Belt which hosts the recently discovered and rapidly growing Earl Grey pegmatite.

Historic rock and trench samples taken from the Gem and Giant pegmatite localities have returned highly anomalous lithium oxide (Li<sub>2</sub>O) results, with assay results of up to 6.2% Li<sub>2</sub>O at the Gem locality and approximately 800m along strike at the Giant pegmatite 3.9% Li<sub>2</sub>O. The high-grade samples are lepidolite-rich.

Historical sampling of highly weathered clay material from the open pit at the Gem pegmatite and from shallow rotary air blast drill holes (RAB) ranges from 0.1% Li<sub>2</sub>O to 0.6% Li<sub>2</sub>O, with material from fresh rock returning much higher results

and assaying up to 1.0% Li<sub>2</sub>O (MHD 17) and logged as containing abundant spodumene. The sampling data comes from reports completed in the mid-1980s and is detailed in the accompanying tables and located on the attached geological plan.

The Mining Lease is part of the larger Mt Hope nickel occurrence, which is now owned by Western Areas Limited, where historical drilling by Amax Exploration (Australia) Inc. amongst others intersected disseminated nickel sulphides in diamond drilling in 1975.

These diamond holes also intersected several LCT pegmatites, some of which were re-sampled in the 1980s and assayed for specialty elements, the data for which are also appended in the tables. Abundant spodumene was recorded from several of these holes (MHD 6, 14 and 17) along with significant tantalum and Niobium, see diamond drill hole table attached. All pegmatites sampled were anomalous in specialty elements including Lithium, tin, tantalum, caesium and Rubidium.

Historical sampling and drilling has confirmed the presence of several LCT pegmatites within the Mining Lease, the size and distribution of which is uncertain. Marindi has completed an outcrop geology map and, although outcrop is poor, the overall trends of pegmatite material were successfully recorded.

The inclination and attitude of the pegmatites are difficult to ascertain from outcrop or from historical diamond drilling data.

Marindi has therefore submitted a program of work (POW) to the Department of Mines and Petroleum for up to ~5,000m of Reverse Circulation RC drilling which, subject to regulatory approval, is expected to commence in early December.

### **Nickel Potential**

While examining historical data for the presence of LCT pegmatites, Marindi noted that diamond hole MHD14 terminated in nickel sulphides at a depth of 396.25m.

The last 2.75m of the hole was logged as containing disseminated pentlandite (nickel sulphide and native copper) within a dunitic unit and averaged 0.47% Ni to the end of hole. This lease has been in private hands since the mid 1980's and as such has not been subject to any modern nickel exploration techniques or exploration activity. Marindi has yet to review the nickel potential of the Mining Lease but views this intersection as very encouraging.

**Joe Treacy**  
**Managing Director and CEO**

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**Competent Persons Statement**

Information in this release that relates to Exploration Results is based on information prepared by Mr Joseph Treacy a Member of the Australasian Institution of Mining and Metallurgy and the Australian Institute of Geoscientists Mt Treacy is the Managing Director of Marindi Metals Ltd, a full time employee and shareholder. Mr Treacy has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Treacy consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Figure 1- Mt Hope M77/549 Mining Lease

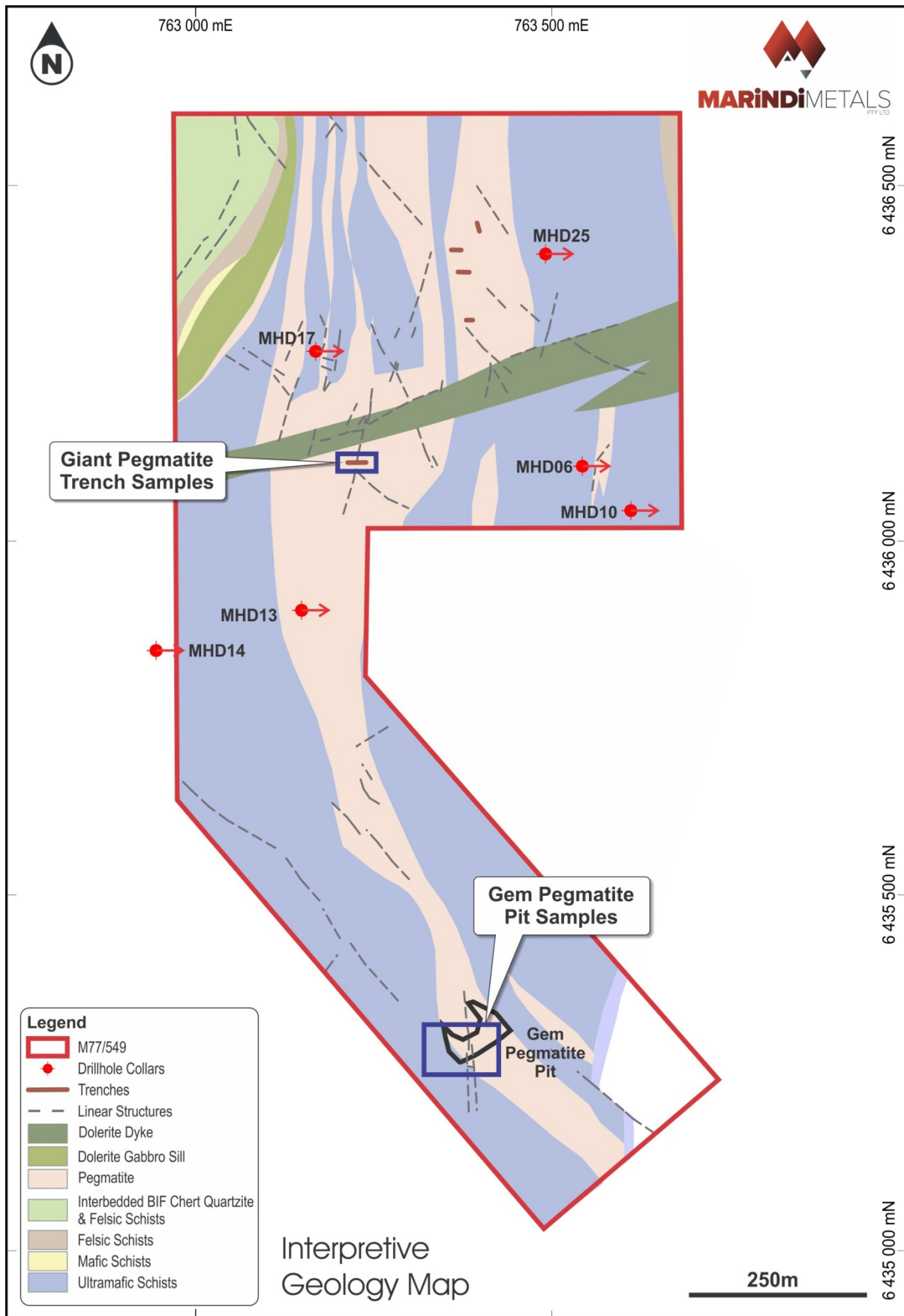
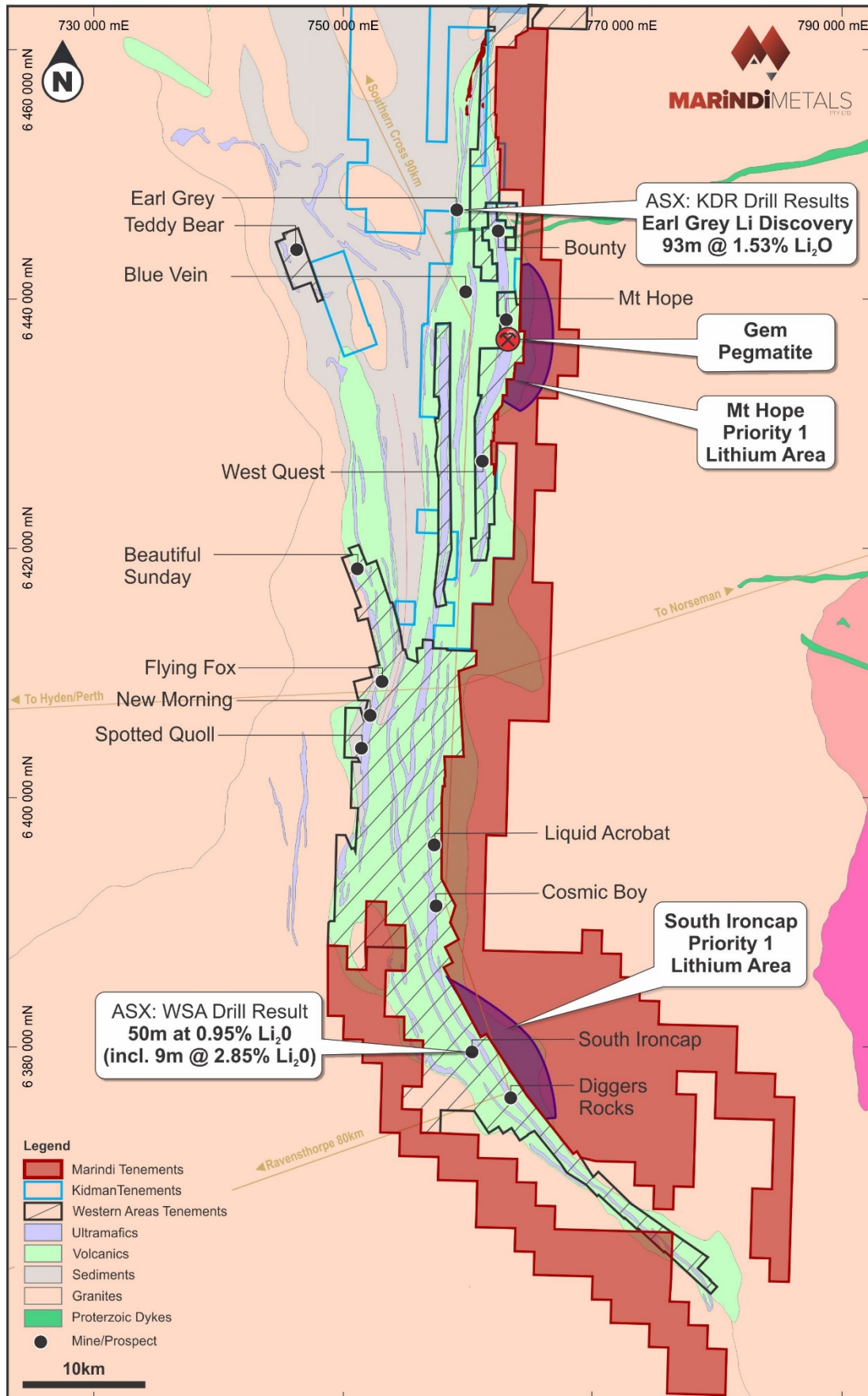


Figure 2- Forresteria Lithium Belt



| Sample Number | Local Grid |        | MGA 50 GDA 94 |           | Drill Hole | Azimuth  | Inclination | Downhole Depth |       | U2O % | Li (ppm) | Sn (ppm) | Rb (ppm) | Nb (ppm) | Cs (ppm) | Ta (ppm) | Sr (ppm) | Be (ppm)                                      | Comments                   |
|---------------|------------|--------|---------------|-----------|------------|----------|-------------|----------------|-------|-------|----------|----------|----------|----------|----------|----------|----------|---|----------------------------|
|               | E          | N      | E             | N         |            |          |             | From           | To    |       |          |          |          |          |          |          |          |   |                            |
| 23            | 219.8      | 249.1  | 763,380       | 6,435,310 | NA         | NA       | NA          | NA             | 6.20% | 28800 | No Assay | 0.0347   | 98       | 7500     | 188      | No Assay | No Assay | Gem pegmatite pit sample, contains lepidolite |                            |
| 24            | 220.05     | 248.8  | 763,405       | 6,435,280 | NA         | vertical | vertical    | 46             | 48    | 0.05% | 230      | No Assay | 3760     | -10      | 290      | 22       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 25            |            |        |               |           |            |          |             | 48             | 50    | 0.08% | 374      | No Assay | 8200     | 27       | 920      | 79       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 26            | 220.05     | 248.9  | 763,405       | 6,435,290 | NA         | vertical | vertical    | 10             | 12    | 0.26% | 1230     | No Assay | 4350     | 32       | 570      | 152      | No Assay | No Assay                                      | Grab samples from RAB hole |
| 27            |            |        |               |           |            |          |             | 12             | 14    | 0.27% | 1270     | No Assay | 950      | 22       | 150      | 43       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 28            |            |        |               |           |            |          |             | 14             | 16    | 0.02% | 76       | No Assay | 150      | 16       | 30       | 22       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 29            | 219.9      | 248.9  | 763,390       | 6,435,290 | NA         | vertical | vertical    | 24             | 26    | 0.62% | 2880     | No Assay | 3720     | 34       | 830      | 52       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 30            |            |        |               |           |            |          |             | 26             | 28    | 0.41% | 1900     | No Assay | 0.0114   | 21       | 1420     | 59       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 31            |            |        |               |           |            |          |             | 28             | 30    | 0.10% | 470      | No Assay | 1940     | 40       | 420      | 57       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 32            | 219.9      | 248.85 | 763,390       | 6,435,285 | NA         | vertical | vertical    | 26             | 28    | 0.03% | 137      | No Assay | 74       | -10      | -10      | 21       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 33            |            |        |               |           |            |          |             | 28             | 30    | 0.07% | 307      | No Assay | 150      | -10      | 20       | 35       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 34            |            |        |               |           |            |          |             | 30             | 32    | 0.12% | 536      | No Assay | 7300     | 11       | 800      | 33       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 35            |            |        |               |           |            |          |             | 32             | 34    | 0.07% | 336      | No Assay | 2760     | 14       | 610      | 34       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 36            | 219.9      | 248.8  | 763,390       | 6,435,280 | NA         | vertical | vertical    | 28             | 30    | 0.03% | 120      | No Assay | 7        | -10      | 30       | 19       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 37            |            |        |               |           |            |          |             | 30             | 32    | 0.25% | 1180     | No Assay | 7400     | 38       | 921      | 108      | No Assay | No Assay                                      | Grab samples from RAB hole |
| 38            |            |        |               |           |            |          |             | 32             | 34    | 0.11% | 494      | No Assay | 1490     | -10      | 230      | 39       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 39            |            |        |               |           |            |          |             | 34             | 36    | 0.15% | 706      | No Assay | 2050     | 36       | 420      | 60       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 40            |            |        |               |           |            |          |             | 20             | 22    | 0.11% | 494      | No Assay | 170      | 29       | 40       | 61       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 41            | 219.95     | 248.8  | 763,395       | 6,435,280 | NA         | vertical | vertical    | 22             | 24    | 0.09% | 439      | No Assay | 8200     | 22       | 860      | 53       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 42            |            |        |               |           |            |          |             | 24             | 26    | 0.29% | 1360     | No Assay | 4850     | 26       | 690      | 88       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 43            |            |        |               |           |            |          |             | 26             | 28    | 0.31% | 1460     | No Assay | 3850     | 28       | 650      | 63       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 44            |            |        |               |           |            |          |             | 28             | 30    | 0.22% | 1020     | No Assay | 1850     | 12       | 340      | 37       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 45            |            |        |               |           |            |          |             | 30             | 32    | 0.20% | 922      | No Assay | 2150     | -10      | 510      | 28       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 46            |            |        |               |           |            |          |             | 32             | 34    | 0.26% | 1220     | No Assay | 2420     | 11       | 390      | 28       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 47            |            |        |               |           |            |          |             | 34             | 36    | 0.27% | 1260     | No Assay | 3240     | 16       | 510      | 38       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 48            |            |        |               |           |            |          |             | 10             | 12    | 0.12% | 566      | No Assay | 3120     | 112      | 320      | 364      | No Assay | No Assay                                      | Grab samples from RAB hole |
| 49            | 219.95     | 248.85 | 763,395       | 6,435,285 | NA         | vertical | vertical    | 12             | 14    | 0.04% | 190      | No Assay | 2930     | 12       | 300      | 32       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 50            |            |        |               |           |            |          |             | 14             | 16    | 0.06% | 300      | No Assay | 239      | 16       | 40       | 34       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 51            |            |        |               |           |            |          |             | 16             | 18    | 0.16% | 744      | No Assay | 920      | 20       | 640      | 28       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 52            |            |        |               |           |            |          |             | 18             | 20    | 0.08% | 393      | No Assay | 1050     | 19       | 200      | 52       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 53            | 220        | 248.8  | 763,400       | 6,435,280 | NA         | vertical | vertical    | 20             | 22    | 0.21% | 977      | No Assay | 389      | 36       | 80       | 82       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 54            |            |        |               |           |            |          |             | 22             | 24    | 0.14% | 654      | No Assay | 1140     | 34       | 80       | 68       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 55            |            |        |               |           |            |          |             | 24             | 26    | 0.08% | 354      | No Assay | 1470     | 17       | 110      | 39       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 56            | 220        | 248.75 | 763,400       | 6,435,275 | NA         | vertical | vertical    | 46             | 48    | 0.02% | 89       | No Assay | 2000     | -10      | 130      | 14       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 57            |            |        |               |           |            |          |             | 48             | 50    | 0.07% | 304      | No Assay | 4320     | 14       | 420      | 38       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 58            |            |        |               |           |            |          |             | 50             | 52    | 0.15% | 695      | No Assay | 0.0106   | 21       | 1250     | 39       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 59            |            |        |               |           |            |          |             | 52             | 54    | 0.14% | 655      | No Assay | 0.0111   | 15       | 1280     | 24       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 60            |            |        |               |           |            |          |             | 54             | 56    | 0.44% | 2040     | No Assay | 0.0101   | 17       | 1390     | 40       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 61            |            |        |               |           |            |          |             | 56             | 58    | 0.39% | 1830     | No Assay | 5700     | 22       | 960      | 34       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 62            |            |        |               |           |            |          |             | 58             | 60    | 0.27% | 1260     | No Assay | 5700     | 17       | 720      | 44       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 63            |            |        |               |           |            |          |             | 60             | 62    | 0.22% | 1040     | No Assay | 6100     | -10      | 860      | 16       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 64            |            |        |               |           |            |          |             | 62             | 64    | 0.23% | 1080     | No Assay | 4630     | 12       | 1490     | 21       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 65            |            |        |               |           |            |          |             | 64             | 66    | 0.30% | 1410     | No Assay | 4520     | 20       | 2760     | 36       | No Assay | No Assay                                      | Grab samples from RAB hole |
| 66            |            |        |               |           |            |          |             | 66             | 68    | 0.26% | 1200     | No Assay | 4070     | 20       | 2570     | 34       | No Assay | No Assay                                      | Grab samples from RAB hole |



| Sample Number   | Local Grid |        | MGA 50 GDA 94 |           | Drill Hole | Azimuth  | Inclination | Downhole Depth |        | Li2O % | Li (ppm) | Sn (ppm) | Rb (ppm) | Nb (ppm) | Cs (ppm) | Ta (ppm) | Sr (ppm) | Be (ppm)   | Comments  |
|-----------------|------------|--------|---------------|-----------|------------|----------|-------------|----------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|--|---|
|                 | E          | N      | E             | N         |            |          |             | From           | To     |        |          |          |          |          |          |          |          |  |   |
| 67              | 220.05     | 248.85 | 763,405       | 6,435,285 | NA         | vertical | vertical    | 8              | 10     | 0.05%  | 219      | No Assay | 1220     | 17       | 180      | 43       | No Assay | No Assay   | Grab samples from RAB hole  |
| 68              |            |        |               |           |            |          |             | 10             | 12     | 0.06%  | 288      | No Assay | 154      | -10      | 110      | 14       | No Assay | No Assay   | Grab samples from RAB hole  |
| 69              |            |        |               |           |            |          |             | 12             | 14     | 0.08%  | 383      | No Assay | 430      | -10      | 50       | 16       | No Assay | No Assay   | Grab samples from RAB hole  |
| 70              |            |        |               |           |            |          |             | 14             | 16     | 0.18%  | 856      | No Assay | 1020     | -10      | 230      | 15       | No Assay | No Assay   | Grab samples from RAB hole  |
| 71              |            |        |               |           |            |          |             | 16             | 18     | 0.10%  | 446      | No Assay | 430      | 10       | 50       | 25       | No Assay | No Assay   | Grab samples from RAB hole  |
| 72              |            |        |               |           |            |          |             | 18             | 20     | 0.12%  | 565      | No Assay | 8000     | -10      | 490      | -10      | No Assay | No Assay   | Grab samples from RAB hole  |
| 73              |            |        |               |           |            |          |             | 20             | 22     | 0.18%  | 828      | No Assay | 6200     | -10      | 580      | 18       | No Assay | No Assay   | Grab samples from RAB hole  |
| 74              |            |        |               |           |            |          |             | 22             | 24     | 0.16%  | 746      | No Assay | 860      | 19       | 480      | 51       | No Assay | No Assay   | Grab samples from RAB hole  |
| 75              | 220.1      | 248.9  | 763,410       | 6,435,290 | NA         | vertical | vertical    | 8              | 10     | 0.06%  | 285      | No Assay | 2300     | 14       | 205      | 31       | No Assay | No Assay   | Grab samples from RAB hole  |
| 76              |            |        |               |           |            |          |             | 10             | 12     | 0.10%  | 471      | No Assay | 0.0152   | -10      | 1700     | 10       | No Assay | No Assay   | Grab samples from RAB hole  |
| 77              |            |        |               |           |            |          |             | 12             | 14     | 0.14%  | 647      | No Assay | 2360     | 20       | 300      | 43       | No Assay | No Assay   | Grab samples from RAB hole  |
| 78              |            |        |               |           |            |          |             | 14             | 16     | 0.13%  | 586      | No Assay | 1020     | 11       | 80       | 36       | No Assay | No Assay   | Grab samples from RAB hole  |
| 79              | 220.1      | 248.85 | 763,410       | 6,435,285 | NA         | vertical | vertical    | 14             | 16     | 0.08%  | 367      | No Assay | 2110     | 32       | 220      | 93       | No Assay | No Assay   | Grab samples from RAB hole  |
| 80              |            |        |               |           |            |          |             | 16             | 18     | 0.08%  | 368      | No Assay | 7700     | -10      | 700      | 23       | No Assay | No Assay   | Grab samples from RAB hole  |
| 81              |            |        |               |           |            |          |             | 18             | 20     | 0.08%  | 375      | No Assay | 1330     | -10      | 110      | 32       | No Assay | No Assay   | Grab samples from RAB hole  |
| 82              |            |        |               |           |            |          |             | 20             | 22     | 0.07%  | 321      | No Assay | 0.0112   | -10      | 590      | 19       | No Assay | No Assay   | Grab samples from RAB hole  |
| 83              |            |        |               |           |            |          |             | 22             | 24     | 0.09%  | 406      | No Assay | 7200     | 10       | 580      | 22       | No Assay | No Assay   | Grab samples from RAB hole  |
| 84              |            |        |               |           |            |          |             | 24             | 26     | 0.12%  | 542      | No Assay | 5100     | 18       | 540      | 36       | No Assay | No Assay   | Grab samples from RAB hole  |
| 85              |            |        |               |           |            |          |             | 26             | 28     | 0.07%  | 334      | No Assay | 1200     | 13       | 150      | 29       | No Assay | No Assay   | Grab samples from RAB hole  |
| 86              |            |        |               |           |            |          |             | 40             | 42     | 0.04%  | 209      | No Assay | 1010     | -10      | 80       | 17       | No Assay | No Assay   | Grab samples from RAB hole  |
| 87              | 220.15     | 248.85 | 763,415       | 6,435,285 | NA         | vertical | vertical    | 42             | 44     | 0.06%  | 273      | No Assay | 1520     | -10      | 120      | 17       | No Assay | No Assay   | Grab samples from RAB hole  |
| 88              |            |        |               |           |            |          |             | 44             | 46     | 0.06%  | 298      | No Assay | 1640     | -10      | 120      | 16       | No Assay | No Assay   | Grab samples from RAB hole  |
| Channel TR 1 89 | 220.1      | 248.85 | 763,410       | 6,435,285 | NA         | NA       | NA          | NA             | 0.08%  | 373    | No Assay | 5600     | 170      | 270      | 622      | No Assay | No Assay | trench sample gem pegmatite                        |   |
| Chennel Tr 4 90 | 220.25     | 249    | 763,425       | 6,435,300 | NA         | NA       | NA          | NA             | 0.20%  | 949    | No Assay | 2350     | 85       | 790      | 66       | No Assay | No Assay | trench sample gem pegmatite                        |   |
| 91              | 219.95     | 248.8  | 763,395       | 6,435,280 | NA         | NA       | NA          | NA             | 5.94%  | 27600  | No Assay | 0.0257   | 102      | 6600     | 234      | No Assay | No Assay | Gem pegmatite pit sample, contains lepidolite      |   |
| 11251           | 210.8      | 257    | 763,200       | 6,436,200 | NA         | NA       | NA          | NA             | 3.96%  | 18400  | No Assay | 0        | 50       | 7470     | 100      | No Assay | No Assay | trench sample Giant Pegmatite, contains lepidolite |   |
| 11252           | 220        | 248.4  | 763,400       | 6,435,240 | NA         | vertical | vertical    | 66             | 67     | 0.01%  | 27       | No Assay | 0        | <50      | 12.5     | 90       | No Assay | No Assay   | Grab sample of RC hole  |
| 11253           |            |        |               |           |            |          |             | 67             | 68     | 0.12%  | 552      | No Assay | 0        | <50      | 4680     | 130      | No Assay | No Assay   | Grab sample of RC hole  |
| 11254           |            |        |               |           |            |          |             | 68             | 69     | 0.04%  | 175      | No Assay | 0        | <50      | 195      | 120      | No Assay | No Assay   | Grab sample of RC hole  |
| 11255           |            |        |               |           |            |          |             | 69             | 70     | 0.41%  | 1900     | No Assay | 0        | <50      | 113      | 140      | No Assay | No Assay   | Grab sample of RC hole  |
| 11256           |            |        |               |           |            |          |             | 70             | 71     | 0.78%  | 3610     | No Assay | 0        | 670      | 749      | 2140     | No Assay | No Assay   | Grab sample of RC hole  |
| P005            | 221.5      | 257    | 763550        | 6430100   | MHD6       | 90       | 50          | 212.7          | 217.1  | 0.5%   | 2200     | 20       | 2,700    | 45       | 320      | 110      | 50       | 146  | Abundant spodumene, lepidolite and black mineral Ta?  |
| P007            | 221.5      | 257    | 763550        | 6430100   | MHD6       | 90       | 50          | 247.5          | 247.95 | 0.7%   | 3400     | <10      | 2,000    | 35       | 470      | 55       | 60       | 17   | Abundant spodumene  |
| P011            | 215        | 255    | 762900        | 6435900   | MHD14      | 90       | 50          | 285.75         | 286.45 | 0.2%   | 1070     | 35       | 2,200    | 30       | 0.0034   | 350      | 35       | 156  | Spodumene and black mineral, Ta ?   |
| PC14            | 217.8      | 258.68 | 763175        | 6436280   | MHD17      | 90       | 50          | 172.98         | 174.1  | 1.0%   | 4700     | 30       | 1,000    | 65       | 0.002    | 85       | 30       | 610  | Spodumene and black mineral Ta ?  |
| PC15            | 217.8      | 258.68 | 763175        | 6436280   | MHD17      | 90       | 50          | 207.3          | 207.97 | 0.2%   | 1110     | 14       | 2,500    | 45       | 0.0022   | 50       | 60       | 68   | pegmatite   |
| MHX1            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.12%  | 580      | 0        | 23,000   | 0        | 1,600    | 0        | 250      | <5   | K-feldspar, quarry at "Gem".  |
| MHX3            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.10%  | 442      | 0        | 18,000   | 0        | 990      | 0        | 210      | <5   | K-feldspar, quarry at "Gem". Associated with rubellite.   |
| MHX4            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.13%  | 600      | 0        | 19,000   | 0        | 0        | 0        | 210      | <5   | K-feldspar, quarry at "Gem".  |
| MHX 2           | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.06%  | 296      | <10      | 190      | 20       | 35       | 35       | 13       | 118  | Chip sample of saproplitic pegmatite, quarry at "Gem" pegmatite. Represents possible albitized zone of    |
| MHX6            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.17%  | 790      | 55       | 520      | 120      | 60       | 150      | 18       | <5   | Chip sample, saproplitic pegmatite, quarry at "Gem". Across sub-horizontal tourmaline-muscovite fracture  |
| MHX8            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.14%  | 650      | 45       | 250      | 55       | 18       | 90       | 30       | <5   | Chip sample, saproplitic pegmatite, quarry at "Gem". Across south hanging wall contact, with coarse black |
| MHX9            | 220        | 249    | 763400        | 6435300   | GEM        | NA       | NA          | NA             | NA     | 0.06%  | 0        | 190      | 2,900    | 18       | 490      | 120      | 40       | 249  | Chip sample, saproplitic pegmatite, quarry at "Gem". Selected composite sample from areas rich in pink    |

## Appendix 1 - JORC TABLE 1

### Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections)

| Criteria            | JORC Code explanation   | Commentary  |
|---------------------|---|---|
| Sampling techniques | <ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down-hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></li> <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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</i></li> </ul> | <ul style="list-style-type: none"> <li>• No data is available on sampling methodology, however sampling was conducted by reputable drilling companies under geological supervision.</li> </ul>  |
| Drilling techniques | <ul style="list-style-type: none"> <li>• <i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i></li> </ul>  | <ul style="list-style-type: none"> <li>• The drilling technique used was Rotary Air Blast (RAB) drilling and was an open hole technique.</li> <li>• Diamond core drilling in both NQ and BQ diameter was undertaken.</li> <li>• Holes were surveyed but no detail of the survey method was recorded.</li> </ul> |



| Criteria                                      | JORC Code explanation  | Commentary  |
|---|--|---|
| 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>• No information on RAB drill sample recovery was included in the technical report.</li> <li>• Poor core recovery when encountered was noted in the diamond drill hole logs. Recoveries were generally 100%</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 studies.</i></li> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.</i></li> </ul>  | <ul style="list-style-type: none"> <li>• All RAB drilling was geologically logged and geological contacts noted.</li> <li>• All Diamond holes were geologically logged .</li> </ul>   |
| Subsampling techniques and sample preparation | <ul style="list-style-type: none"> <li>• <i>If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li>• <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li>• <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 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. Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul> | <ul style="list-style-type: none"> <li>• No information has been recorded on RAB sampling techniques.</li> <li>• All diamond drill core was cut for assay but no details are available about the way the sample was obtained.</li> <li>• No information is available on quality control procedures.</li> </ul>  |
| Quality of assay data and laboratory tests    | <ul style="list-style-type: none"> <li>• <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li>• <i>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.</i></li> <li>• <i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></li> </ul>  | <ul style="list-style-type: none"> <li>• Samples were analysed for a suite of base metals using AAS techniques by Analabs and Geomin, both laboratories operated at industry best practise for the time (1975).</li> <li>• Later sampling of LCT pegmatites was conducted by SGS using XRF analyses, Pilbara Laboratories using both ICP and AAS techniques and Analabs using XRF and AAS techniques. The methods were deemed appropriate for the style of mineralisation and all laboratories operated at Industry best practice.</li> </ul> |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| Verification of sampling and assaying                   | <ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>                                  | <ul style="list-style-type: none"> <li>• No verification of drilling and sampling data has been undertaken,</li> </ul>  |
| Location of data points                                 | <ul style="list-style-type: none"> <li>• <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></li> <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>• All collar co-ordinates of drill holes in this release have been located by the conversion from a local exploration grid through the registering of known topographical points. Accuracy is assumed to be within +-50m but may vary due to the historic inaccuracies of the original exploration gridding. Drill hole locations are recorded in GDA94, MGA Zone 50.</li> </ul> |
| Data spacing and distribution                           | <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>• Drill spacing was defined by exploration criteria and is regarded as appropriate to determine the extents of mineralisation. Spacing is shown by the accompanying tables and figures. The distribution of exploration results is not sufficient to support Mineral Resources or Ore Reserves.</li> </ul>   |
| Orientation of data in relation to geological structure | <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>• No significant orientation based sampling bias is known at this time.</li> <li>• The drill holes may not necessarily be perpendicular to the orientation of the intersected mineralisation. All reported intervals are downhole intervals, not true widths</li> </ul>  |
| Sample security   | <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>• No information is available on sample security.</li> </ul>   |
| Audits or reviews                                       | <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>• Marindi Metals have not completed any external audits or reviews of the sampling techniques and data.</li> </ul>   |

**Section 2 Reporting of Exploration Results**  
(Criteria in this section apply to all succeeding sections)

| Criteria                                | JORC Code explanation  | Commentary  |
|---|--|---|
| Mineral tenement and land tenure status | <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> | <p>The Gem pegmatite prospect is comprised of granted mining lease ML 77/549 which is under an option agreement to Marindi metals Limited. The option allows Marindi the ability to purchase 100% of the tenement on certain terms and conditions which are detailed in Marindi ASX release dated September 20,2016.</p>  |
| Exploration done by other parties       | <ul style="list-style-type: none"> <li>• <i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Numerous exploration companies have conducted exploration on M77/549 Significant exploration results are summarised in JORC Table 1 attached.</li> <li>• A large amount of historic data is available to Marindi Metals and appraisal of data is continuing.</li> <li>• The majority of nickel exploration was reported on by Amax Exploration (Aust) limited in 1975 . The sampling and appraisal of the LCT pegmatites was most comprehensively reported on by Aztec Exploration in 1985 (Wamex ref A17582) and specifically appendix 2 of that report entitled "The potential for pegmatite related mineralisation in the Mt Hope District Yilgarn Goldfields, Westerns Australia" by Dr L F Betternay.</li> <li>• Further information was also supplied by Mr K Robinson the operator of the Gem Rubellite mine in the early 1980s.</li> </ul> |

| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
| 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 Gem pegmatite is one of a series of LCT pegmatites that have intruded a thick sequence of ultramafic rocks. The extent and attitude of the LCT units is unknown and is the subject of further exploration.</li> <li>• The nickel sulphide occurrence occurs in a diamond drill hole that terminated in a dunitic sequence and is part of the eastern ultramafic belt at Forrestania. Several significant nickel sulphide deposits are known to occur within the eastern ultramafic belt at Forrestania.</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>• Refer to Table 1 of this document, Drill Hole Collar Table.</li> </ul>   |
| Relationship between mineralisation widths and intercept lengths | <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. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. ‘down hole length, true width not known’).</i></li> </ul>   | <ul style="list-style-type: none"> <li>• The relationship between drilling and the LCT pegmatites is not known.</li> <li>• The relationship between nickel mineralisation and drilling is not known.</li> <li>• All intersections reported in this release are downhole intervals.</li> </ul>   |
| Diagrams   | <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>• Appropriate maps with scale are included within the body of the accompanying document.</li> </ul>  |

| Criteria                           | JORC Code explanation   | Commentary   |
|------------------------------------|---|--|
| Balanced reporting                 | <ul style="list-style-type: none"> <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>   | <ul style="list-style-type: none"> <li>The accompanying document is considered to represent a balanced report.</li> </ul>  |
| Other substantive exploration data | <ul style="list-style-type: none"> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>Other exploration data collected is not considered as material to this document at this stage. Further data collection will be reviewed and reported when considered material.</li> </ul> |
| Further work                       | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale stepout 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 style="list-style-type: none"> <li>Further exploration is planned once all historic data has been assessed.</li> </ul>   |