

# EXPLORATION TARGET HIGHLIGHTS FURTHER UPSIDE AT McDERMITT

- Exploration Target confirms excellent potential for further resource growth
- The Exploration Target is in addition to the Mineral Resource Estimate announced February 2023<sup>1</sup>
- Anomalous lithium assays from surface sampling highlight further potential at McDermitt

In February 2023, Jindalee Resources Limited (to be renamed “Jindalee Lithium Limited”) (**Jindalee** or the **Company**) announced an updated Mineral Resource Estimate (**MRE**) at Jindalee’s 100% owned McDermitt Lithium Project (US) (Figure 1)<sup>1</sup>.

The 2023 MRE for McDermitt contains a combined Indicated and Inferred Mineral Resource Inventory of 3.0 Billion tonnes at 1,340ppm Li for a total of 21.5 Million tonnes Lithium Carbonate Equivalent (**LCE**) at 1,000 ppm cut-off grade. At 21.5 Mt LCE, McDermitt is the largest lithium deposit in the US by contained lithium in Mineral Resource, and a globally significant resource (Table 3), with the deposit remaining open to the west and south (Figure 1).

Jindalee is also pleased to announce an independently estimated Exploration Target Range (**ETR**) at McDermitt. The ETR of **300 – 700 Million tonnes at 1,100 – 1,400ppm Li** (at 1,000ppm Li cut-off) is extrapolated from drilling completed at the Project (Table 1, Figure 1).

| Cut-off Grade<br>(ppm Li) | Lower Limit<br>(Mt) | Upper Limit<br>(Mt) | Grade Range<br>(ppm Li) | Mid-point Contained LCE<br>(Mt) |
|---------------------------|---------------------|---------------------|-------------------------|---------------------------------|
| 1,000                     | 300                 | 700                 | 1100 - 1400             | 3.3                             |

**Table 1 – Summary of Exploration Target Range at cut-off of 1000ppm. LCE calculated using the midpoint of the range.**

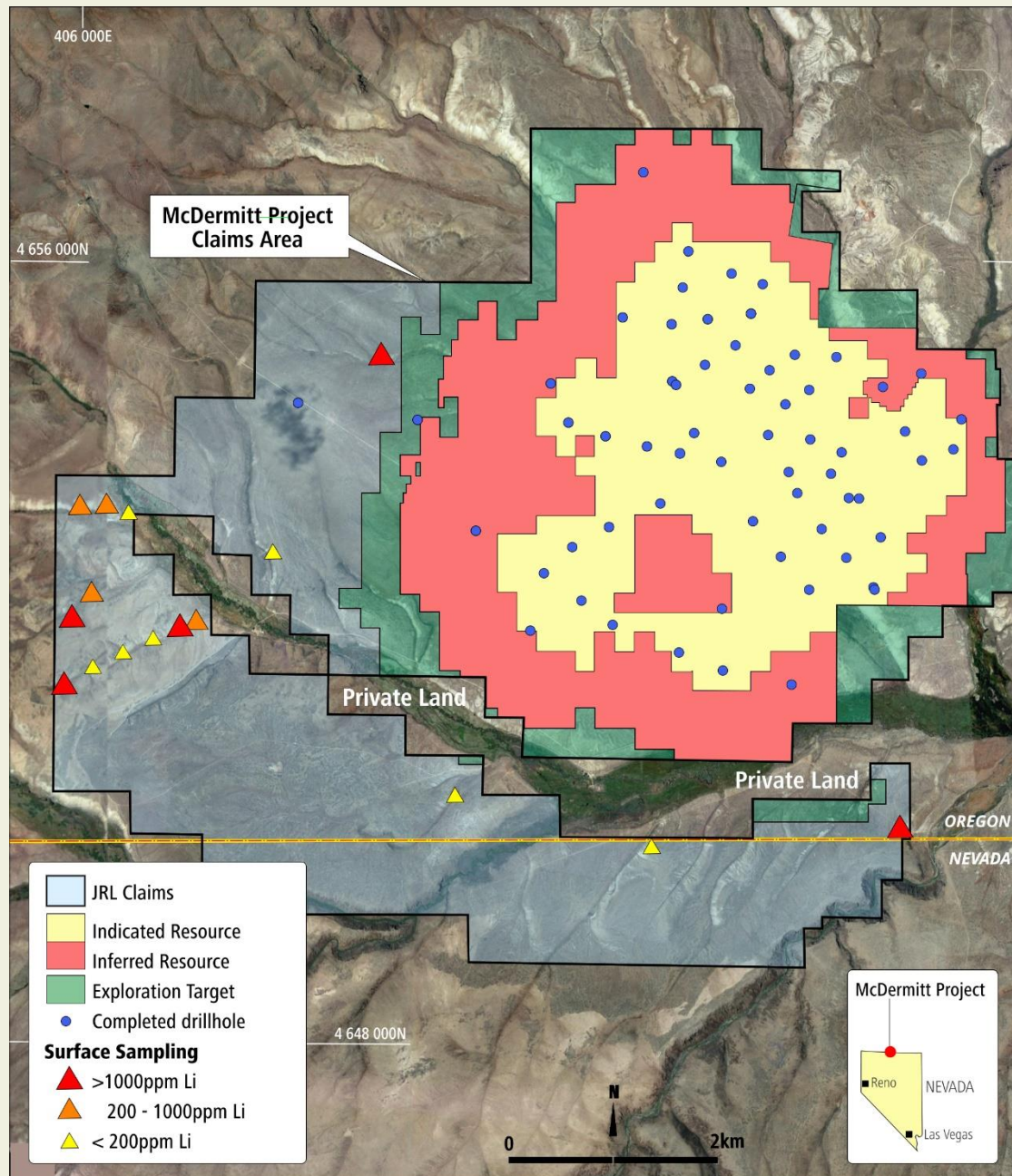
## Cautionary Statement

*The Exploration Target has been prepared and reported in accordance with the 2012 edition of the JORC Code. The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource for all target areas reported. It is uncertain if further exploration will result in the estimation of a Mineral Resource.*

Recent relogging of McDermitt drilling, combined with regional mapping and sampling, has recognised up to 12 distinctive and laterally continuous stratigraphic units which can be tracked across the Project area. The Exploration Target surrounds and abuts the 2023 MRE and is extrapolated from 62 holes drilled at McDermitt from 2018 to 2022. Material for the MRE extends to a maximum distance of 1,200m from the nearest hole, with the ETR extending to a maximum of 1,500m from the nearest hole (Figure 1).

In August 2022 Jindalee submitted an Exploration Plan of Operations (EPO) to the Bureau of Land Management (BLM), with the EPO deemed complete by the BLM in May 2023<sup>2</sup>. Once approved, the EPO will allow Jindalee to significantly increase on-site activity, including up to 160 holes designed to both infill the 2023 MRE and test areas currently covered by the Exploration Target. Jindalee expects the EPO to be approved 2H 2024, with drilling to commence soon after.

Furthermore, sampling of weathered sediments exposed in drainages west and south of the Mineral Resource and Exploration Target areas has returned strongly anomalous lithium values, indicating excellent potential to locate additional lithium mineralisation in these areas (Figure 1, Table 2).



**Figure 1 – Plan view of the McDermitt Lithium Project with 2023 Mineral Resource<sup>1</sup> (at 1523mRL), completed drilling, Exploration Target and Surface Sampling locations outside the Mineral Resource and Exploration Target areas.**

### Methodology

The methodology used for the ETR was identical to that used for the 2023 MRE<sup>1</sup>. A total of 62 drillholes and 97 density measurements were used for the estimation of both the 2023 MRE and the ETR, with lithium estimated by Ordinary Kriging. The block size for estimation was 200mE by 200mN by 5mRL, with sub-celling permitted to 40mE by 40mN by 1mRL.

The ETR estimates were guided by stratigraphy, which is the major control on the continuity of both lithium grade and geology, with material for the ETR limited to within 1,500m of the nearest hole. The entire mineralisation inventory (2023 MRE and ETR) occurs within 215m of surface.

A summary of all drill data included in both the 2023 MRE and the ETR is included in Annexure A. All other details pertaining to the reporting of exploration results and the 2023 MRE and the ETR are detailed in Annexure B.

#### Drilling Update

In October 2023, Jindalee announced that a diamond drill rig had been contracted to complete five geotechnical holes at McDermitt, with drilling scheduled to commence 1 November 2023, subject to final approvals from the BLM and Oregon Department of Geology and Mineral Industries (**DOGAMI**)<sup>3</sup>.

The Company advises that the proposed drilling program has been approved by the BLM, subject to posting additional bonding for environmental reclamation; however, approval from DOGAMI has yet to be received.

Authorised for release by the Board of Jindalee Resources Limited.

For further information please contact:

LINDSAY DUDFIELD

**Executive Director**

T: + 61 8 9321 7550

E: [enquiry@jindalee.net](mailto:enquiry@jindalee.net)

| Sample ID | N (NAD83) | E (NAD83) | Li (ppm) | Sample ID | N (NAD83) | E (NAD83) | Li (ppm) |
|-----------|-----------|-----------|----------|-----------|-----------|-----------|----------|
| 662816    | 406561.4  | 4652960.7 | 81.6     | 662829    | 406409.6  | 4651891.6 | 1700     |
| 662817    | 406282.0  | 4652970.0 | 202      | 662830    | 406557.4  | 4652129.0 | 770      |
| 662818    | 406273.7  | 4652969.2 | 209      | 662832    | 410149.0  | 4650500.2 | 86.4     |
| 662822    | 407503.0  | 4652029.4 | 870      | 662833    | 412177.1  | 4649973.9 | 114      |
| 662823    | 407380.4  | 4651925.5 | 1180     | 662834    | 414516.4  | 4649903.9 | 1450     |
| 662824    | 407121.6  | 4651835.6 | 126.5    | MDS022    | 408343.4  | 4652706.2 | 27.7     |
| 662825    | 406955.7  | 4651722.6 | 232      | MDS065    | 409469.6  | 4654543.7 | 1820     |
| 662827    | 406306.9  | 4651276.6 | 1180     | MDS066    | 409471.6  | 4654551.7 | 1190     |
| 662828    | 4065097.4 | 4651559.8 | 43.1     |           |           |           |          |

**Table 2 – Surface Sampling Locations and Results.**

| Cut-off Grade<br>(ppm Li) | Indicated Resource |                   |          | Inferred Resource |                   |          | Indicated and Inferred Resource |                   |          |
|---------------------------|--------------------|-------------------|----------|-------------------|-------------------|----------|---------------------------------|-------------------|----------|
|                           | Tonnage<br>(Mt)    | Li Grade<br>(ppm) | LCE (Mt) | Tonnage<br>(Mt)   | Li Grade<br>(ppm) | LCE (Mt) | Tonnage<br>(Mt)                 | Li Grade<br>(ppm) | LCE (Mt) |
| 1,000                     | 1,470              | 1,420             | 11.1     | 1,540             | 1,270             | 10.4     | 3,000                           | 1340              | 21.5     |

**Table 3 – Summary of 2023 McDermitt Mineral Resource Estimate at the reporting cut-off of 1,000ppm.**

**Note: totals may vary due to rounding.**

Lithium carbonate equivalent (**LCE**) is calculated by taking the lithium value and multiplying by 5.323 to determine the molar equivalent in standard industry fashion.

## References

1. Jindalee Resources ASX announcement 27/02/2023: "Resource at McDermitt increases to 21.5 Mt LCE"
2. Jindalee Resources ASX announcement 16/05/2023: "McDermitt Progress Update"
3. Jindalee Resources ASX announcement 09/10/2023: "Drilling to commence at McDermitt Lithium Project"

## About Jindalee

Jindalee Resources Limited (ASX: JRL) is a pure-play US lithium company focussed on the development of the giant McDermitt Lithium Project (21.5 Mt LCE<sup>1</sup>), currently the largest lithium deposit in North America. Jindalee also provides shareholders with indirect exposure to lithium, gold, base and strategic metals, iron ore, uranium and magnesite in Australia through holdings in spin-out companies Dynamic Metals (ASX: DYM) and Energy Metals (ASX: EME).

## Cautionary Statement

This announcement and information, opinions or conclusions expressed in the course of this announcement contain forecasts and forward-looking information. Such forecasts, projections and information are not a guarantee of future performance, involve unknown risks and uncertainties. Actual results and developments will almost certainly differ materially from those expressed or implied. There are a number of risks, both specific to Jindalee, and of a general nature which may affect the future operating and financial performance of Jindalee, and the value of an investment in Jindalee including and not limited to title risk, renewal risk, economic conditions, stock market fluctuations, commodity demand and price movements, timing of access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve estimations, native title risks, cultural heritage risks, foreign currency fluctuations, and mining development, construction and commissioning risk.

## Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Lindsay Dudfield. Mr Dudfield is a director and shareholder of, and consultant to, the Company and a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Dudfield has sufficient experience relevant to the styles of mineralisation and types of deposits under consideration, and to the activity being undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves.' Mr Dudfield consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to the Mineral Resource Estimates and Exploration Targets for the McDermitt deposit is based on information compiled by Mr. Arnold van der Heyden, who is a Member and Chartered Professional (Geology) of the Australasian Institute of Mining and Metallurgy and a Director of H&S Consultants Pty Ltd. Mr. van der Heyden has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity 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' (JORC Code). Mr van der Heyden consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The Company confirms that it is not aware of any further new information or data that materially affects the information included in the original market announcements by Jindalee Resources Ltd referenced in this report and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. To the extent disclosed above, the Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

## Forward-Looking Statements

This document may contain certain forward-looking statements. Forward-looking statements include but are not limited to statements concerning Jindalee Resources Limited's (Jindalee's) current expectations, estimates and projections about the industry in which Jindalee operates, and beliefs and assumptions regarding Jindalee's future performance. When used in this document, the words such as "anticipate", "could", "plan", "estimate", "expects", "seeks", "intends", "may", "potential", "should", and similar expressions are forward-looking statements. Although Jindalee believes that its expectations reflected in these forward-looking statements are reasonable, such statements are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Jindalee and no assurance can be given that actual results will be consistent with these forward-looking statements.

**Annexure A:****Drill hole summary table with significant intersections for all drilling completed at McDermitt**

| Hole ID | Hole Type | Easting    | Northing    | RL       | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|------------|-------------|----------|---------|-------------------|-------------|-----------|-----------|----------|
| MDD001  | DDH       | 412207.521 | 4651742.751 | 1581.912 | -89/36  | 92.36             | 12          | 26        | 14        | 1527     |
|         |           |            |             |          |         |                   | 48          | 60        | 12        | 1825     |
| MDD002  | DDH       | 412071.497 | 4653292.338 | 1574.292 | -90/0   | 90.83             | 2           | 22        | 20        | 1420     |
|         |           |            |             |          |         |                   | 38          | 54        | 16        | 1910     |
|         |           |            |             |          |         |                   | 66          | 90.8      | 24.8      | 1238     |
| MDD003  | DDH       | 412466.979 | 4654722.177 | 1616.964 | -89/179 | 91.47             | 4           | 18        | 14        | 1031     |
|         |           |            |             |          |         |                   | 24          | 38        | 14        | 1202     |
|         |           |            |             |          |         |                   | 44          | 74        | 30        | 1884     |
| MDD004  | DDH       | 413673.005 | 4653030.996 | 1588.008 | -90/0   | 82.91             | 2.5         | 18        | 15.5      | 1185     |
|         |           |            |             |          |         |                   | 28          | 82        | 54        | 1659     |
| MDD005  | DDH       | 413529.796 | 4652421.636 | 1534.668 | -89/290 | 93.57             | 5.5         | 52        | 46.5      | 1027     |
|         |           |            |             |          |         |                   | 66          | 80        | 14        | 1651     |
| MDD006  | DDH       | 413112.045 | 4653999.409 | 1601.724 | -90/0   | 165.8             | 4.3         | 20        | 15.7      | 1258     |
|         |           |            |             |          |         |                   | 28          | 58        | 30        | 1967     |
|         |           |            |             |          |         |                   | 70          | 144       | 74        | 1481     |
| MDD007  | DDH       | 412967.01  | 4653151.676 | 1577.34  | -90/0   | 122.83            | 6           | 26        | 20        | 1419     |
|         |           |            |             |          |         |                   | 36          | 54        | 18        | 1516     |
|         |           |            |             |          |         |                   | 72          | 110       | 38        | 1496     |
| MDD008  | DDH       | 413504.005 | 4654469.996 | 1578.864 | -88/183 | 108.5             | 6.6         | 22        | 15.4      | 1233     |
|         |           |            |             |          |         |                   | 36          | 90        | 54        | 1773     |
| MDD009  | DDH       | 413791.099 | 4654811.523 | 1560.576 | -88/291 | 80.16             | 2.2         | 6         | 3.8       | 1319     |
|         |           |            |             |          |         |                   | 12          | 58        | 46        | 1674     |
| MDD010  | DDH       | 412341.263 | 4655866.089 | 1612.392 | -89/218 | 91.44             | 12          | 18        | 6         | 1567     |



| Hole ID | Hole Type | Easting    | Northing    | RL       | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|------------|-------------|----------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |            |             |          |         |                   | 30          | 36        | 6         | 1233     |
|         |           |            |             |          |         |                   | 48          | 88        | 40        | 1922     |
| MDD011  | DDH       | 410790.443 | 4652578.78  | 1625.194 | -90/0   | 208.07            | 32          | 54        | 22        | 1498     |
|         |           |            |             |          |         |                   | 60          | 78        | 18        | 1653     |
|         |           |            |             |          |         |                   | 96          | 112       | 16        | 1635     |
|         |           |            |             |          |         |                   | 120         | 170       | 50        | 1640     |
| MDD012  | DDH       | 412382.898 | 4654088.91  | 1559.966 | -88/329 | 120.39            | 8.31        | 26        | 17.7      | 1498     |
|         |           |            |             |          |         |                   | 40          | 76        | 36        | 2141     |
| MDD013  | DDH       | 411473.479 | 4653054.709 | 1597.152 | -89/295 | 167.33            | 2           | 32        | 30        | 1245     |
|         |           |            |             |          |         |                   | 42          | 60        | 18        | 1478     |
|         |           |            |             |          |         |                   | 76          | 98        | 22        | 1404     |
|         |           |            |             |          |         |                   | 110         | 150       | 40        | 1556     |
| MDD014  | DDH       | 413300     | 4655034     | 1595     | -90/0   | 135.2             | 10.0        | 25.0      | 15.0      | 1889     |
|         |           |            |             |          |         |                   | 29.5        | 38.5      | 9.0       | 1241     |
|         |           |            |             |          |         |                   | 43.0        | 81.0      | 38.0      | 1751     |
| MDD015  | DDH       | 412854     | 4655438     | 1606     | -90/0   | 118.0             | 24.0        | 45.0      | 21.0      | 1952     |
|         |           |            |             |          |         |                   | 54.0        | 64.5      | 10.5      | 1281     |
|         |           |            |             |          |         |                   | 79.5        | 88.5      | 9.0       | 1435     |
| MDD016  | DDH       | 412399     | 4655392     | 1621     | -90/0   | 166.2             | 3.0         | 13.5      | 10.5      | 1005     |
|         |           |            |             |          |         |                   | 18.0        | 52.5      | 34.5      | 1124     |
|         |           |            |             |          |         |                   | 61.5        | 85.5      | 24.0      | 2210     |
|         |           |            |             |          |         |                   | 93.0        | 114.0     | 21.0      | 1123     |
|         |           |            |             |          |         |                   | 118.0       | 127.5     | 9.5       | 1915     |
|         |           |            |             |          |         |                   | 136.5       | 144.0     | 7.5       | 1661     |
| MDD017  | DDH       | 412638     | 4655874     | 1612     | -90/0   | 118.3             | 10.5        | 18.0      | 7.5       | 1276     |
|         |           |            |             |          |         |                   | 33.0        | 73.5      | 40.5      | 1714     |

| Hole ID | Hole Type | Easting | Northing | RL   | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|---------|----------|------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |         |          |      |         |                   | 81.0        | 103.5     | 22.5      | 1513     |
| MDD018  | DDH       | 413190  | 4654530  | 1605 | -90/0   | 133.5             | 15.0        | 42.0      | 27.0      | 2097     |
|         |           |         |          |      |         |                   | 48.0        | 108.0     | 60.0      | 1880     |
| MDD019  | DDH       | 412540  | 4653925  | 1567 | -90/0   | 123.5             | 6.0         | 22.5      | 16.5      | 1547     |
|         |           |         |          |      |         |                   | 30.0        | 103.5     | 73.5      | 1554     |
| MDD020  | DDH       | 412030  | 4654791  | 1574 | -90/0   | 146               | 8.0         | 17.0      | 9.0       | 1432     |
|         |           |         |          |      |         |                   | 20.8        | 50.0      | 29.2      | 1853     |
|         |           |         |          |      |         |                   | 62.5        | 94.0      | 31.5      | 1608     |
| MDD021  | DDH       | 413081  | 4654923  | 1598 | -90/0   | 111               | 10.5        | 29.0      | 18.5      | 1844     |
|         |           |         |          |      |         |                   | 33.4        | 40.8      | 7.4       | 1285     |
|         |           |         |          |      |         |                   | 52.0        | 78.3      | 26.3      | 1839     |
| MDD022  | DDH       | 413753  | 4654002  | 1543 | -90/0   | 123               | 15.4        | 49.9      | 34.5      | 1609     |
|         |           |         |          |      |         |                   | 55.6        | 84.8      | 29.2      | 1503     |
|         |           |         |          |      |         |                   | 87.9        | 97.6      | 9.7       | 1243     |
| MDD023  | DDH       | 413876  | 4653541  | 1580 | -90/0   | 148               | 2.1         | 25.9      | 23.8      | 2174     |
|         |           |         |          |      |         |                   | 32.7        | 65.1      | 32.4      | 1702     |
|         |           |         |          |      |         |                   | 83.2        | 101.6     | 18.4      | 1548     |
| MDD024  | DDH       | 410969  | 4654436  | 1646 | -90/0   | 203               | 47.6        | 71.6      | 24.0      | 1232     |
|         |           |         |          |      |         |                   | 75.1        | 114.9     | 39.8      | 1265     |
|         |           |         |          |      |         |                   | 130.0       | 159.6     | 29.6      | 1559     |
|         |           |         |          |      |         |                   | 163.0       | 173.6     | 10.6      | 1337     |
| MDD025  | DDH       | 411360  | 4654222  | 1634 | -90/0   | 228               | 21.4        | 27.7      | 6.3       | 1261     |
|         |           |         |          |      |         |                   | 48.1        | 68.5      | 20.4      | 1199     |
|         |           |         |          |      |         |                   | 72.1        | 86.2      | 14.1      | 1393     |
|         |           |         |          |      |         |                   | 90.6        | 188.9     | 28.3      | 1427     |
|         |           |         |          |      |         |                   | 133.6       | 156.9     | 23.3      | 1726     |

| Hole ID | Hole Type | Easting    | Northing    | RL       | Dip/Azi | End of Hole Depth | Metres From               | Metres To | Width (m) | Li (ppm) |
|---------|-----------|------------|-------------|----------|---------|-------------------|---------------------------|-----------|-----------|----------|
|         |           |            |             |          |         |                   | 169.8                     | 179.1     | 9.3       | 2397     |
|         |           |            |             |          |         |                   | 182.3                     | 203.6     | 21.3      | 1434     |
| MDD026  | DDH       | 412110     | 4654039     | 1604     | -90/0   | 160               | 1.5                       | 16.5      | 14.5      | 1328     |
|         |           |            |             |          |         |                   | 21.5                      | 30.5      | 9.0       | 1670     |
|         |           |            |             |          |         |                   | 33.5                      | 46.3      | 12.8      | 1584     |
|         |           |            |             |          |         |                   | 49.3                      | 69.5      | 20.2      | 1889     |
|         |           |            |             |          |         |                   | 83.4                      | 135.2     | 51.8      | 1787     |
| MDD027  | DDH       | 408089     | 4654521     | 1684     | -90/0   | 127               | no significant intercepts |           |           |          |
| MDD028  | DDH       | 410029     | 4653258     | 1637     | -90/0   | 182               | 24.5                      | 45.5      | 21.0      | 1079     |
|         |           |            |             |          |         |                   | 50.0                      | 63.5      | 13.5      | 1707     |
|         |           |            |             |          |         |                   | 69.5                      | 86.0      | 16.5      | 1548     |
|         |           |            |             |          |         |                   | 96.9                      | 117.5     | 20.6      | 1566     |
|         |           |            |             |          |         |                   | 121.3                     | 140.1     | 18.8      | 1801     |
| MDD029  | DDH       | 409443     | 4654433     | 1637     | -90/0   | 106               | 26.8                      | 74.2      | 47.4      | 1449     |
|         |           |            |             |          |         |                   | 96.7                      | 105.5     | 8.8       | 1178     |
| MDRC001 | RC        | 413530.404 | 4652423.961 | 1534.668 | -90/0   | 152.39            | 29                        | 51.8      | 22.8      | 1070     |
|         |           |            |             |          |         |                   | 67.1                      | 79.3      | 12.2      | 1600     |
|         |           |            |             |          |         |                   | 85.3                      | 118.9     | 33.6      | 1378     |
| MDRC002 | RC        | 414891     | 4654160     | 1576     | -90/0   | 91.4              | 0                         | 9.2       | 9.2       | 1440     |
|         |           |            |             |          |         |                   | 15.3                      | 32        | 16.8      | 1412     |
|         |           |            |             |          |         |                   | 36.6                      | 44.2      | 7.6       | 1416     |
| MDRC003 | RC        | 413058     | 4655552     | 1583     | -90/0   | 137.2             | 1.5                       | 18.3      | 16.8      | 1731     |
|         |           |            |             |          |         |                   | 24.4                      | 39.7      | 15.3      | 1054     |
|         |           |            |             |          |         |                   | 48.8                      | 67.1      | 18.3      | 1415     |
| MDRC004 | RC        | 411805     | 4656684     | 1647     | -90/0   | 185.9             | 96.1                      | 103.7     | 7.6       | 1130     |
|         |           |            |             |          |         |                   | 140.3                     | 149.5     | 9.2       | 2243     |



| Hole ID | Hole Type | Easting | Northing | RL   | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|---------|----------|------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |         |          |      |         |                   | 155.6       | 170.8     | 15.3      | 2459     |
| MDRC005 | RC        | 412117  | 4655128  | 1612 | -90/0   | 161.5             | 18.3        | 27.5      | 9.2       | 1157     |
|         |           |         |          |      |         |                   | 58          | 76.3      | 18.3      | 1992     |
|         |           |         |          |      |         |                   | 82.4        | 131.2     | 48.8      | 1342     |
| MDRC006 | RC        | 412927  | 4654456  | 1609 | -90/0   | 173.7             | 39.7        | 70.2      | 30.5      | 1939     |
|         |           |         |          |      |         |                   | 74.7        | 94.6      | 19.8      | 1151     |
|         |           |         |          |      |         |                   | 97.6        | 126.6     | 29        | 2164     |
| MDRC007 | RC        | 413420  | 4653407  | 1585 | -90/0   | 164.6             | 1.5         | 9.2       | 7.6       | 1380     |
|         |           |         |          |      |         |                   | 19.8        | 48.8      | 29        | 1948     |
|         |           |         |          |      |         |                   | 62.5        | 79.3      | 16.8      | 1147     |
|         |           |         |          |      |         |                   | 99.1        | 134.2     | 35.1      | 1309     |
| MDRC008 | RC        | 413918  | 4652733  | 1570 | -90/0   | 146.3             | 13.7        | 39.7      | 25.9      | 1794     |
|         |           |         |          |      |         |                   | 53.4        | 70.2      | 16.8      | 1274     |
|         |           |         |          |      |         |                   | 96.1        | 115.9     | 19.8      | 1186     |
|         |           |         |          |      |         |                   | 120.5       | 128.1     | 7.6       | 1379     |
| MDRC009 | RC        | 413552  | 4653960  | 1583 | -90/0   | 158.5             | 6.1         | 29        | 22.9      | 2108     |
|         |           |         |          |      |         |                   | 38.1        | 82.4      | 44.2      | 1405     |
|         |           |         |          |      |         |                   | 93          | 103.7     | 10.7      | 1984     |
|         |           |         |          |      |         |                   | 108.3       | 117.4     | 9.2       | 1233     |
| MDRC010 | RC        | 413756  | 4653605  | 1576 | -90/0   | 146.3             | 0           | 19.8      | 19.8      | 2383     |
|         |           |         |          |      |         |                   | 33.6        | 65.6      | 32        | 1397     |
|         |           |         |          |      |         |                   | 71.7        | 114.4     | 42.7      | 1402     |
| MDRC011 | RC        | 413961  | 4653342  | 1579 | -90/0   | 137.2             | 3.1         | 25.9      | 22.9      | 2283     |
|         |           |         |          |      |         |                   | 33.6        | 68.6      | 35.1      | 1373     |
|         |           |         |          |      |         |                   | 85.4        | 119       | 33.6      | 1425     |
| MDRC012 | RC        | 414254  | 4652960  | 1573 | -90/0   | 134.1             | 1.5         | 59.5      | 58        | 1611     |

| Hole ID | Hole Type | Easting | Northing | RL   | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|---------|----------|------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |         |          |      |         |                   | 88.5        | 115.9     | 27.4      | 1477     |
| MDRC013 | RC        | 413224  | 4652757  | 1542 | -90/0   | 121.9             | 32          | 45.8      | 13.8      | 1073     |
|         |           |         |          |      |         |                   | 70.2        | 102.2     | 32        | 1379     |
|         |           |         |          |      |         |                   | 58          | 64.1      | 6.1       | 1572     |
| MDRC014 | RC        | 411864  | 4653865  | 1618 | -90/0   | 182.9             | 12.2        | 82.4      | 70.2      | 1221     |
|         |           |         |          |      |         |                   | 91.5        | 106.8     | 15.3      | 1578     |
|         |           |         |          |      |         |                   | 131.2       | 155.6     | 24.4      | 1887     |
| MDRC015 | RC        | 410845  | 4654548  | 1652 | -90/0   | 182.9             | 47.3        | 62.5      | 15.3      | 1233     |
|         |           |         |          |      |         |                   | 73.2        | 83.9      | 10.7      | 1189     |
|         |           |         |          |      |         |                   | 120.5       | 146.4     | 25.9      | 1615     |
| MDRC016 | RC        | 411516  | 4652079  | 1618 | -90/0   | 182.9             | 27.5        | 45.8      | 18.3      | 1228     |
|         |           |         |          |      |         |                   | 56.4        | 71.7      | 15.3      | 1554     |
|         |           |         |          |      |         |                   | 91.5        | 103.7     | 12.2      | 1647     |
|         |           |         |          |      |         |                   | 122         | 178.4     | 56.4      | 1151     |
| MDRC017 | RC        | 411529  | 4655406  | 1592 | -90/0   | 115.9             | 45.8        | 67.1      | 21.4      | 1546     |
|         |           |         |          |      |         |                   | 74.7        | 82.4      | 7.6       | 1424     |
|         |           |         |          |      |         |                   | 102.2       | 114.4     | 12.2      | 1750     |
| MDRC018 | RC        | 412033  | 4654784  | 1584 | -90/0   | 32.0              | 3.1         | 16.8      | 13.7      | 1168     |
|         |           |         |          |      |         |                   | 21.4        | 32.0      | 10.7      | 2354     |
| MDRC019 | RC        | 412149  | 4655701  | 1628 | -90/0   | 166.2             | 9.2         | 22.9      | 13.7      | 1041     |
|         |           |         |          |      |         |                   | 44.2        | 58.0      | 13.7      | 1084     |
|         |           |         |          |      |         |                   | 71.7        | 96.1      | 24.4      | 2173     |
|         |           |         |          |      |         |                   | 105.2       | 143.4     | 38.1      | 1407     |
| MDRC020 | RC        | 412695  | 4655116  | 1615 | -90/0   | 147.9             | 22.9        | 36.6      | 13.7      | 2142     |
|         |           |         |          |      |         |                   | 45.8        | 58.0      | 12.2      | 1133     |
| MDRC021 | RC        | 413230  | 4653824  | 1602 | -90/0   | 166.2             | 3.1         | 13.7      | 10.7      | 1425     |

| Hole ID | Hole Type | Easting | Northing | RL   | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|---------|----------|------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |         |          |      |         |                   | 24.4        | 53.4      | 29.0      | 1801     |
|         |           |         |          |      |         |                   | 58.0        | 68.6      | 10.7      | 1021     |
|         |           |         |          |      |         |                   | 73.2        | 88.5      | 15.3      | 1316     |
|         |           |         |          |      |         |                   | 103.7       | 123.5     | 19.8      | 1752     |
|         |           |         |          |      |         |                   | 128.1       | 135.7     | 7.6       | 1189     |
| MDRC022 | RC        | 414102  | 4652620  | 1567 | -90/0   | 141.8             | 0.0         | 21.4      | 21.4      | 1590     |
|         |           |         |          |      |         |                   | 35.1        | 50.3      | 15.3      | 1156     |
|         |           |         |          |      |         |                   | 64.1        | 73.2      | 9.2       | 1775     |
| MDRC023 | RC        | 414217  | 4654704  | 1597 | -90/0   | 75                | 0.0         | 10.7      | 10.7      | 1336     |
|         |           |         |          |      |         |                   | 22.9        | 56.4      | 33.5      | 1819     |
| MDRC024 | RC        | 414453  | 4654244  | 1589 | -90/0   | 134               | 0           | 68.6      | 68.6      | 1669     |
| MDRC025 | RC        | 414616  | 4653943  | 1578 | -90/0   | 122               | 0           | 50.3      | 50.3      | 1512     |
| MDRC026 | RC        | 414611  | 4654816  | 1585 | -90/0   | 75                | 19.8        | 48.8      | 29.0      | 1568     |
| MDRC027 | RC        | 414941  | 4654055  | 1559 | -90/0   | 44                | 9.1         | 22.9      | 13.7      | 1554     |
| MDRC028 | RC        | 413288  | 4651639  | 1552 | -90/0   | 171               | 4.6         | 21.3      | 16.8      | 1680     |
|         |           |         |          |      |         |                   | 94.5        | 106.7     | 12.2      | 1531     |
|         |           |         |          |      |         |                   | 115.8       | 135.6     | 19.8      | 1451     |
|         |           |         |          |      |         |                   | 141.7       | 147.8     | 6.1       | 1818     |
| MDRC029 | RC        | 412586  | 4651802  | 1582 | -90/0   | 219               | 18.3        | 25.9      | 7.6       | 1914     |
|         |           |         |          |      |         |                   | 50.3        | 65.5      | 15.2      | 1600     |
|         |           |         |          |      |         |                   | 121.9       | 131.1     | 9.1       | 1310     |
|         |           |         |          |      |         |                   | 141.7       | 157.0     | 15.2      | 1460     |
|         |           |         |          |      |         |                   | 161.5       | 172.2     | 10.7      | 1619     |
|         |           |         |          |      |         |                   | 176.8       | 182.9     | 6.1       | 1816     |
| MDRC030 | RC        | 412579  | 4652411  | 1564 | -90/0   | 168               | 30.5        | 44.2      | 13.7      | 1694     |
|         |           |         |          |      |         |                   | 100.6       | 111.3     | 10.7      | 1488     |

| Hole ID | Hole Type | Easting | Northing | RL   | Dip/Azi | End of Hole Depth | Metres From | Metres To | Width (m) | Li (ppm) |
|---------|-----------|---------|----------|------|---------|-------------------|-------------|-----------|-----------|----------|
|         |           |         |          |      |         |                   | 118.9       | 144.8     | 25.9      | 1460     |
|         |           |         |          |      |         |                   | 33.5        | 44.2      | 10.7      | 1516     |
|         |           |         |          |      |         |                   | 54.9        | 71.6      | 16.8      | 1269     |
|         |           |         |          |      |         |                   | 88.4        | 103.6     | 15.2      | 1544     |
|         |           |         |          |      |         |                   | 131.1       | 161.5     | 30.5      | 1516     |
| MDRC032 | RC        | 411108  | 4652505  | 1624 | -90/0   | 194               | 42.7        | 57.9      | 15.2      | 1559     |
|         |           |         |          |      |         |                   | 67.1        | 80.8      | 13.7      | 1515     |
|         |           |         |          |      |         |                   | 102.1       | 111.3     | 9.2       | 1852     |
| MDRC033 | RC        | 410609  | 4652199  | 1614 | -90/0   | 177               | 27.4        | 39.6      | 12.2      | 1570     |
|         |           |         |          |      |         |                   | 83.8        | 105.2     | 21.3      | 1187     |
|         |           |         |          |      |         |                   | 131.1       | 146.3     | 15.2      | 1713     |
|         |           |         |          |      |         |                   | 150.9       | 167.6     | 16.8      | 1395     |

**Notes:** All coordinates are NAD83 Z11

- RC intervals are reported on 1000ppm Li cut-off with maximum internal dilution of 10 feet (3.05m).
- Diamond drilling intervals are reporting on 1000ppm Li cut-off with maximum internal dilution of 4.0m.
- Intervals reported in this table meet a minimum downhole width of approximately 20 feet (6.1m).

## Annexure B:

### JORC Code, 2012 Edition – Table 1

#### Section 1 Sampling Techniques and Data

| Criteria            | JORC Code explanation   | Commentary   |
|---------------------|---|--|
| Sampling techniques | <ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <p><b>Surface Sampling</b></p> <ul style="list-style-type: none"> <li>Samples were collected as part of a regional mapping program and were either rock chips from surface or samples from shallow (&lt;1m) pits.</li> <li>Samples were placed into individually labelled, mostly consecutively numbered sample bags.</li> </ul> <p><b>Reverse Circulation (RC)</b></p> <ul style="list-style-type: none"> <li>RC drilling was used to collect samples at 5 foot (~1.52m) intervals.</li> <li>Approximately 2-4kg was collected from each interval using a riffle splitter (for dry samples) and a rotary splitter (for wet samples).</li> <li>All samples were placed into individually labelled, consecutively numbered sample bags.</li> <li>The RC samples obtained are considered representative of the material drilled.</li> </ul> <p><b>Diamond drilling</b></p> <ul style="list-style-type: none"> <li>Diamond core was collected in HQ triple tube (HQ3 63.5mm) diameter core.</li> <li>Core was cut and quarter core sampled on 2m intervals or lithological boundaries.</li> <li>Colluvium/overburden was not sampled.</li> <li>All samples were placed into individually labelled, consecutively numbered sample bags.</li> </ul> |
| Drilling techniques | <ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>   | <p><b>Reverse Circulation</b></p> <ul style="list-style-type: none"> <li>RC drilling was completed using a conventional hammer, 2-slot interchange and 4.75 inch bit.</li> <li>Water injection was generally used after setting 10' – 20' of casing (~6.1m) with holes drilled wet thereafter.</li> <li>Holes were drilled vertically using 10 foot (3.05m) rods</li> </ul> <p><b>Diamond</b></p> <ul style="list-style-type: none"> <li>Diamond drilling was used to collect HQ3 (63.5mm) diameter core.</li> <li>Core holes were drilled vertically, and core was not oriented.</li> </ul>   |

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
| Drill sample recovery                          | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>   | <p><b>Reverse Circulation</b></p> <ul style="list-style-type: none"> <li>Water inflows were encountered in most holes which may have caused loss of fine (clay) fraction from some intervals, thereby underestimating lithium grade (previous metallurgical testwork has indicated that ~80% of the lithium is in the -10-micron fraction).</li> <li>Two methods have been used to quantify the potential understatement of lithium grades in RC drilling. First the results from assaying of bulk samples taken for metallurgy have been compared to the drill hole sample. Secondly the Company has twinned several of the RC holes with diamond core drilling in future drill programs.</li> </ul> <p><b>Diamond</b></p> <ul style="list-style-type: none"> <li>Core blocks inserted by the drilling company indicated the length of a run and the amount of recovered core in feet. The site geologist converted this to metres and core recovery was recorded on the sampling sheet. Core recovery was the primary focus for the drill contractor and was typically &gt;90% in the zones of interest.</li> <li>Core recovery was recorded by the site geologist, and 1m downhole depths marked prior to geological logging and sampling.</li> <li>No relationship between recovery and grade was observed.</li> </ul> |
| Logging  | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>   | <ul style="list-style-type: none"> <li>Qualitative lithological descriptions (colour, weathering, grain size, lithology, mineralogy, veining textures and other significant features) were recorded by the field geologist.</li> <li>Representative samples of bedrock were collected from each 5 foot interval of every RC hole and were retained in labelled sample chip trays, with chip trays photographed on completion of each hole.</li> <li>Photos (wet and dry) were taken of all core trays for later review.</li> </ul>   |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the</li> </ul> | <ul style="list-style-type: none"> <li>RC samples were split in the field (riffle split if dry; rotary split if wet) and collected in pre-numbered calico bags.</li> <li>Diamond core was cut and quarter or half core sampled.</li> <li>Sample preparation at the laboratory involved crushing to 70% less than 2mm, riffle split off 250g, pulverize split to better than 85% passing 75 microns.</li> <li>Duplicate samples were inserted approximately every 15 samples to check the representivity of samples and precision in assaying.</li> </ul>   |

| Criteria                                   | JORC Code explanation   | Commentary  |
|--|---|---|
|  | <p><i>in situ material collected, including for instance results for field duplicate/second-half sampling.</i></p> <ul style="list-style-type: none"> <li>• <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></li> </ul> | <p><b>Surface Sampling</b></p> <ul style="list-style-type: none"> <li>• Samples were assayed for lithium only by ALS Laboratories in Reno Nevada via 4 acid digest of 0.25g sample split.</li> <li>• No standards, blanks or duplicate samples were used.</li> </ul> <p><b>Reverse Circulation and Diamond</b></p> <ul style="list-style-type: none"> <li>• Samples were assayed by ALS Laboratories in Reno Nevada via 4 acid digest of 0.25g sample split with a 48 element ICP-MS finish.</li> <li>• 4 Acid digests are considered to approach a total digest, as some refractory minerals are not attacked.</li> <li>• Certified lithium sediment standards were inserted approximately every 15 samples.</li> <li>• Blank samples were inserted approximately every 15 samples to check for laboratory contamination.</li> <li>• Duplicates were taken approximately 1 in every 15 samples.</li> <li>• All standards, blanks and duplicate data are reviewed as assays are received. Any QAQC data that fails to meet acceptable confidence limits set by Jindalee are followed up with the laboratory as an action item.</li> <li>• Laboratory QAQC involves the use of internal lab standards, splits and replicates as part of in-house procedures. ALS Laboratories participates in external umpire assessments to maintain high levels of QAQC in relation to their peers.</li> </ul> |
| 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>   | <p><b>Surface Sampling</b></p> <ul style="list-style-type: none"> <li>• Assay results were verified by consultant geologists and reviewed by more than one Jindalee geologist.</li> <li>• Sample locations were surveyed using a handheld Garmin GPS with an accuracy of +/- 3m horizontally, and +/- 5m vertically.</li> <li>• Locations are reported in metres NAD83 Zone11.</li> </ul> <p><b>Reverse Circulation and Diamond</b></p> <ul style="list-style-type: none"> <li>• Assay results were verified by more than one Jindalee geologist.</li> <li>• Data is received and stored electronically with a comparison between the .pdf certificates and the .csv data files indicating no errors in transmission.</li> </ul>  |



| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| Location of data points                                 | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | <p><b>Surface Sampling</b></p> <ul style="list-style-type: none"> <li>Sample locations were surveyed using a handheld Garmin GPS with an accuracy of +/- 3m horizontally, and +/- 5m vertically.</li> <li>Locations are reported in metres NAD83 Zone11.</li> </ul> <p><b>Reverse Circulation and Diamond</b></p> <ul style="list-style-type: none"> <li>Drill hole locations were surveyed using a handheld Garmin GPS with an accuracy of +/- 3m horizontally, and +/- 5m vertically; hole positions were also checked against a Digital Elevation Model (DEM).</li> <li>Locations are reported in metres NAD83 Zone11.</li> <li>No downhole surveys were undertaken on RC drillholes prior to 2022. Downhole surveys were taken approximately every 30m in the 2022 program with no significant deviations recorded.</li> <li>Downhole surveys were undertaken on diamond drill holes at approximately 30m (100') intervals downhole including at the end of hole. The typical variation from vertical observed was &lt;1°, maximum variation from vertical observed was 2.3°, with a survey accuracy of +/- 0.1°. No downhole survey data was received for MDD007.</li> </ul> |
| Data spacing and distribution                           | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | <ul style="list-style-type: none"> <li>Drill spacing is a minimum of 800m for Inferred Resource, 400m for Indicated Resource category and 1,500m for the Exploration Target.</li> <li>The drilling was designed to infill and extend an Indicated and Inferred Mineral Resource reported by the Company on 6 July 2022 based on 41 diamond and RC drillholes.</li> <li>Drill spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource estimation and classification applied.</li> </ul>   |
| Orientation of data in relation to geological structure | <ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul style="list-style-type: none"> <li>Vertical drill holes were appropriate for assessing the flat lying units of interest. Downhole lengths reported are therefore the same as true widths.</li> </ul>  |
| Sample security   | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>  | <ul style="list-style-type: none"> <li>Samples were collected by qualified geological consultants engaged by Jindalee and stored on site in locked sample storage bins provided by ALS Laboratories, who then collected the bins and transported them to their facility in Reno, USA.</li> </ul>  |

| Criteria                 | JORC Code explanation  | Commentary  |
|--------------------------|--|---|
| <i>Audits or reviews</i> | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul> | <ul style="list-style-type: none"> <li>QAQC data is reviewed regularly with each returned assay batch and reported on a per program basis.</li> </ul> |

## Section 2 Reporting of Exploration Results

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

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
| <i>Mineral tenement and land tenure status</i> | <ul style="list-style-type: none"> <li><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></li> <li><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Samples reported are all from land managed by the US Bureau of Land Management, with the mineral rights held under placer claims owned 100% by HiTech Minerals Inc., a wholly owned US based subsidiary of Jindalee Resources Limited.</li> <li>No joint ventures or royalty interests are applicable.</li> </ul> |
| <i>Exploration done by other parties</i>       | <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>At McDermitt, historic uranium exploration by Chevron first identified the presence of lithium. Lithium Americas Corp (TSX: LAC) is exploring the southern end of the McDermitt Caldera, approximately 30km south of the Project area for lithium within geologically identical stratigraphy.</li> </ul>          |
| <i>Geology</i>                                 | <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>Lithium is hosted in flat-lying lacustrine sediments deposited within the Tertiary aged McDermitt Caldera.</li> </ul>   |
| <i>Drill hole Information</i>                  | <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</i></li> </ul> | <ul style="list-style-type: none"> <li>Please see table and figures in main body of text.</li> </ul>   |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
|   | <i>explain why this is the case.</i>   |   |
| <i>Data aggregation methods</i>   | <ul style="list-style-type: none"> <li><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i></li> <li><i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul> | <ul style="list-style-type: none"> <li>Significant intercepts are presented as a simple average above a 1000ppm Li cut-off, with a maximum of 10 feet (3.05m) internal 'waste' (where 'waste' is defined as intervals with less than 1000ppm Li).</li> <li>Lithium carbonate equivalent (LCE) is calculated by taking the Li value and multiplying by 5.323 to determine the molar equivalent in standard industry fashion</li> </ul>   |
| <i>Relationship between mineralisation widths and intercept lengths</i> | <ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></li> </ul>   | <ul style="list-style-type: none"> <li>Vertical drill holes were appropriate for assessing the flat lying units of interest. Downhole lengths reported are therefore the same as true widths.</li> </ul>  |
| <i>Diagrams</i>   | <ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>   | <ul style="list-style-type: none"> <li>See main body of announcement.</li> </ul>  |
| <i>Balanced reporting</i>   | <ul style="list-style-type: none"> <li><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Results for all surface samples taken outside of MRE and ETR areas have been reported, with results above 1000ppm lithium regarded as highly anomalous.</li> <li>For RC drilling all results above a cut-off of 1000ppm lithium containing a maximum of 10 feet (3.05m) internal 'waste' (where 'waste' is defined as intervals with less than 1000ppm Li) are regarded as significant and have been reported.</li> <li>For diamond drilling results above a cut-off of 1000ppm lithium containing a maximum of 4m internal 'waste' (where 'waste' is defined as intervals with less than 1000ppm Li) are regarded as significant and have been reported.</li> </ul> |
| <i>Other substantive</i>  | <ul style="list-style-type: none"> <li><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density,</i></li> </ul>  | <ul style="list-style-type: none"> <li>Metallurgical testwork has indicated high lithium recoveries from leaching with sulphuric acid at moderate temperature and atmospheric pressure and that the mineralised material can be beneficiated using attrition scrubbing. Testwork undertaken in 2022 also indicated positive results</li> </ul>  |

| Criteria                | JORC Code explanation   | Commentary  |
|-------------------------|---|---|
| <i>exploration data</i> | <i>groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>   | <ul style="list-style-type: none"> <li>from alkali salt (sulphation) roasting.</li> <li>Also see main body of announcement.</li> </ul>  |
| <i>Further work</i>     | <ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul> | <ul style="list-style-type: none"> <li>Additional work underway or planned includes: <ul style="list-style-type: none"> <li>- continue drilling to infill and extend the MRE and ETR.</li> <li>- Ongoing metallurgical test work to refine processing options.</li> <li>- Completion of a PFS (mid 2024).</li> <li>- Permitting Exploration Plan of Operation for further drilling in 2H 2024.</li> </ul> </li> </ul> |

### Section 3 Estimation and Reporting of Mineral Resources

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

| Criteria                         | JORC Code explanation   | Commentary   |
|----------------------------------|---|--|
| <i>Database integrity</i>        | <ul style="list-style-type: none"> <li><i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</i></li> <li><i>Data validation procedures used.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Assay results were verified by more than one Jindalee geologist.</li> <li>Data is received and stored electronically with a comparison between the original .csv data files and the compiled database indicating no errors in transmission or transcription.</li> <li>H&amp;S Consultants Pty Ltd (H&amp;SC) only performed basic checks on the MS Access database provided by Jindalee to ensure internal data integrity.</li> </ul> |
| <i>Site visits</i>               | <ul style="list-style-type: none"> <li><i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i></li> <li><i>If no site visits have been undertaken indicate why this is the case.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Site visits have been undertaken by Jindalee Competent Persons.</li> <li>No site visit was undertaken by the Competent Person responsible for the estimation of the MRE (mineral resource estimate) and ETR (exploration target range) because the project is at an early stage of investigation.</li> </ul>  |
| <i>Geological interpretation</i> | <ul style="list-style-type: none"> <li><i>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</i></li> <li><i>Nature of the data used and of any assumptions made.</i></li> <li><i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i></li> <li><i>The use of geology in guiding and controlling Mineral Resource</i></li> </ul> | <ul style="list-style-type: none"> <li>Lithium mineralisation occurs predominantly within specific stratigraphic units that can be correlated over project area using field mapping, aerial photography and drilling. The new drilling confirms the previous interpretation, adding to confidence in the continuity of both geology and grade.</li> <li>The MRE and ETR are based on 62 drill holes and a specific correlation</li> </ul>                                    |

| Criteria                            | JORC Code explanation  | Commentary   |
|-------------------------------------|--|--|
|                                     | <p>estimation.</p> <ul style="list-style-type: none"> <li>The factors affecting continuity both of grade and geology.</li> </ul>   | <p>of units between drill holes has been assumed.</p> <ul style="list-style-type: none"> <li>Alternative interpretations could correlate the horizons differently from hole to hole, but this is unlikely to have a substantial impact on the estimates.</li> <li>The MRE and ETR are guided and controlled by stratigraphy, which is the major control on the continuity of both grade and geology.</li> <li>Stratigraphy is the major factor affecting the continuity both of grade and geology, although lithium grades appear to be less continuous than the individual stratigraphic units.</li> </ul>  |
| Dimensions                          | <ul style="list-style-type: none"> <li>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</li> </ul>   | <ul style="list-style-type: none"> <li>At a 1,000 ppm Li cut-off grade, the MRE has the following approximate extent: <ul style="list-style-type: none"> <li>6.4 km in the north-south direction,</li> <li>6.5 km in the east-west direction,</li> <li>0-<b>200m</b> below surface, locally with a thin overlying layer of barren colluvium.</li> </ul> </li> </ul>  |
| Estimation and modelling techniques | <ul style="list-style-type: none"> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions behind modelling of selective mining units.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> </ul> | <ul style="list-style-type: none"> <li>Lithium grade was estimated with nominal 2.0m sample composites using the ordinary kriging (OK) estimation technique in Datamine software. The main mineralised domain was limited to potentially mineralised paleo-lake sediments, with overlying colluvium and underlying basalt estimated separately. The grade distribution for lithium is not strongly skewed so OK was considered to be an appropriate estimation method; there are no extreme values requiring grade cutting. Initial search radii for the MRE were 750x750x6m, then expanded to 1500x1500x12m. All Mineral Resources are confined to within 200m of surface, with at least 2 holes and 12 samples required to inform these blocks. Stratigraphic control was achieved by using a dynamic search that followed the orientation of a geochemical marker horizon. The MRE was limited to blocks within 1,000m of holes, which is the maximum distance of extrapolation.</li> <li>The ETR was limited to blocks within 1,500m of holes, which is the maximum distance of extrapolation.</li> <li>The new drilling effectively confirms the previous MRE, so the new MRE does take appropriate account of this data.</li> <li>No assumptions were made regarding recovery of by-products.</li> <li>No deleterious elements or other non-grade variables of economic</li> </ul> |

| Criteria                      | JORC Code explanation   | Commentary   |
|-------------------------------|---|--|
|                               | <ul style="list-style-type: none"> <li><i>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</i></li> </ul>  | <p>significance were estimated.</p> <ul style="list-style-type: none"> <li>The model block size is 200x200x5m, which is approximately one half of the average sample spacing in the better drilled area, which is around 400m. The initial horizontal search radii are around 4 times the block size. Minimum sub-blocks are 40x40x1m.</li> <li>No specific assumptions were made regarding selective mining units (SMUs), so the model block size is effectively the SMU.</li> <li>There are no assumptions about correlation between variables because only lithium has been estimated.</li> <li>The geological interpretation was used to control the resource estimates through stratigraphic constraints imposed via the narrow vertical radius and dynamic search strategy.</li> <li>The grade distribution for lithium is not strongly skewed so no grade cutting or capping was required.</li> <li>The estimates were validated in a number of ways – visual and statistical comparisons of block and drill hole grades, examination of grade-tonnage data and comparison with previous MRE model. The comparisons of model and drill hole data show that the estimates appear reasonable. No reconciliation data is available because the deposit remains unmined.</li> </ul> |
| Moisture                      | <ul style="list-style-type: none"> <li><i>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</i></li> </ul>   | <ul style="list-style-type: none"> <li>Tonnages were estimated on a dry weight basis; moisture was determined by comparison of dry and wet sample weights.</li> </ul>  |
| Cut-off parameters            | <ul style="list-style-type: none"> <li><i>The basis of the adopted cut-off grade(s) or quality parameters applied.</i></li> </ul>   | <ul style="list-style-type: none"> <li>The adopted cut-off grade of 1,000 ppm Li is based on a comprehensive economic model that incorporates a range of conceptual costs for items including mining, processing, administration and capital.</li> </ul>   |
| Mining factors or assumptions | <ul style="list-style-type: none"> <li><i>Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.</i></li> </ul> | <ul style="list-style-type: none"> <li>The mining method is currently assumed to be open pit extraction. The estimates include an allowance for internal mining dilution within the blocks and sub-blocks, which currently define minimum mining dimensions.</li> <li>The resource estimates do not include potential external mining dilution arising from factors such as blast movement, mixing of materials during blasting and digging, or misallocation of ore and waste.</li> <li>Assumptions regarding mining are conceptual at this stage of the project.</li> </ul>  |

| Criteria                             | JORC Code explanation  | Commentary  |
|--------------------------------------|--|---|
| Metallurgical factors or assumptions | <ul style="list-style-type: none"> <li>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</li> </ul>   | <ul style="list-style-type: none"> <li>Lithium at McDermitt is hosted within or adsorbed onto clay minerals.</li> <li>Recent metallurgical testwork showed that beneficiation by attrition scrubbing can increase lithium grades by up to 60% and leaching results confirmed high lithium extraction rates (~95%) from beneficiated samples with reduced acid consumption.</li> <li>Testwork undertaken in 2022 indicated that alkali salt (sulphation) roasting may also present a viable alternative processing route.</li> <li>Additional work to further optimise metallurgical processes is underway.</li> <li>Assumptions regarding metallurgical amenability are conceptual at this stage of the project.</li> </ul>   |
| Environmental factors or assumptions | <ul style="list-style-type: none"> <li>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</li> </ul> | <ul style="list-style-type: none"> <li>At this stage of the project, limited environmental baseline studies have been conducted and no environmental assumptions have been made beyond that a conventional open-pit mine and processing facilities should be possible.</li> <li>It is assumed that all necessary environmental approvals will be in place when mining commences. All waste and process residues will be disposed of in a responsible manner and in accordance with the mining license conditions.</li> </ul>  |
| Bulk density                         | <ul style="list-style-type: none"> <li>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</li> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</li> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>   | <ul style="list-style-type: none"> <li>Dry bulk density (DBD) for the MRE and ETR was estimated using a regression between density and depth below surface, based on measurements taken on 119 sections of HQ core from 22 holes drilled in the 2018, 2019, 2021 and 2022 programs. The calliper method was used for the earlier samples, while the more recent samples were tested by the immersion method with paraffin wax coating. Results indicate a variation with depth below surface, and the DBD estimates used for each block were determined using the regression <math>DBD = 1.4696 + (DEPTH \times 0.0016)</math>, capped at a maximum of 2.00 t/m<sup>3</sup>. The average DBD across the volume estimated is 1.59 t/m<sup>3</sup>.</li> <li>The bulk density was measured by a method that adequately accounts for void spaces (vughs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</li> <li>The bulk density formula was applied to the mineralised sediments and the overlying colluvium.</li> </ul> |



| Criteria                                   | JORC Code explanation  | Commentary  |
|--|--|---|
| Classification                             | <ul style="list-style-type: none"> <li><i>The basis for the classification of the Mineral Resources into varying confidence categories.</i></li> <li><i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i></li> <li><i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i></li> </ul>  | <ul style="list-style-type: none"> <li>The MRE was classified using the estimation search passes and additional criteria. Indicated Mineral Resources were defined using search radii of 750x750x6m, while Inferred Resources used radii of 1500x1500x12m. All Mineral Resources are confined to within 200m of surface, with at least 2 holes and 12 samples required to inform these blocks. The Inferred MRE was limited to blocks within 1,000m of holes and 62% of this material is extrapolated beyond drill holes.</li> <li>Appropriate account has been taken of all relevant factors, including relative confidence in tonnage/grade estimates, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data.</li> <li>The reported MRE appropriately reflects the Competent Person's view of the deposit.</li> </ul>   |
| Audits or reviews                          | <ul style="list-style-type: none"> <li><i>The results of any audits or reviews of Mineral Resource estimates.</i></li> </ul>   | <ul style="list-style-type: none"> <li>No independent audits or reviews have been undertaken to date; the MRE and ETR have been subject to internal peer review within H&amp;SC.</li> </ul>   |
| Discussion of relative accuracy/confidence | <ul style="list-style-type: none"> <li><i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i></li> <li><i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i></li> <li><i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i></li> </ul> | <ul style="list-style-type: none"> <li>The relative accuracy and confidence level in the Mineral Resource estimates are considered to be in line with the generally accepted accuracy and confidence of the nominated JORC Mineral Resource category. This has been determined on a qualitative, rather than quantitative, basis, and is based on the Competent Person's experience with similar deposits. Factors that could affect the relative accuracy and confidence of the estimate include: <ul style="list-style-type: none"> <li>The correlation of mineralised horizons,</li> <li>The continuity of higher grade samples.</li> </ul> </li> <li>The estimates are local, in the sense that they are localised to model blocks of a size considered appropriate for local grade estimation. The Inferred Mineral Resources could be relevant to technical and economic analysis at the level of a Scoping Study, while the Indicated Mineral Resources could be relevant to technical and economic analysis at the level of a Pre-Feasibility or Feasibility Study.</li> <li>No production data is available as the deposit remains unmined.</li> </ul> |