

# **OPUWO COBALT RESOURCE DRILLING ASSAYS**

# HIGHLIGHTS

- Four further batches of assays from the recently completed resource drilling program received, with highlights including:
  - $\circ~~6$  m @ 0.15% Co and 0.51% Cu, including 2 m @ 0.25% Co and 0.52% Cu
  - $\circ~~5$  m @ 0.13% Co and 0.66% Cu, including 2 m @ 0.15% Co and 1.11% Cu
  - $\circ~~3$  m @ 0.21% Co and 0.41% Cu, including 1 m @ 0.35% Co and 0.39% Cu
  - $\circ~~5$  m @ 0.12% Co and 0.56% Cu
  - $\circ~~5$  m @ 0.12% Co and 0.37% Cu
  - $\circ~~4$  m @ 0.14% Co and 0.60% Cu
- Deeper mineralisation (450.50 m to 454.46 m) confirmed on the western side of the project in DOFD0103 3.96 m @ 0.13% Co and 0.45% Cu.
- Further resource drilling assays to be reported throughout January and early February, followed by reporting of maiden Mineral Resource.

Celsius Resources Limited ("Celsius" or "the Company") is pleased to provide an update on the latest resource drilling program assays from its 95% owned Opuwo Cobalt Project ("Project") in Namibia.

Four new batches of assays have now been received, with results demonstrating the highly consistent nature of the expansive mineralised zone at Opuwo. Significantly, deeper mineralisation has again been confirmed in DOFD0103, this time on the western side of the Project area (Figure 1). This hole intersected 3.96 m @ 0.13% Co and 0.45% Cu, from 450.50 m. Notably, this drill hole also intersected lead-zinc-silver mineralisation over 12.65 m (from 235.35 m), with a peak result of 1 m @ 1.56% Pb, 0.59% Zn and 13.5 g/t Ag. (236 m – 237 m). Lead-zinc mineralisation is known to occur elsewhere on the Project tenements, at the Otiziru and NOTZ Prospects.

Celsius Managing Director, Brendan Borg commented:

"The assay results from the resource drilling program at Opuwo continue to demonstrate the consistent nature of the mineralisation. Additionally, further evidence of significant depth extension to the mineralisation continues to demonstrate that this is a very large mineralised system."

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#### Latest Results

Laboratory assays have been received from the next four batches of samples (Figure 1/Appendix 1). Significant intersections from these batches include:

- 6 m @ 0.15% Co and 0.51% Cu, from 132 m, including 2 m @ 0.25% Co and 0.52% Cu, from 133 m (DOFR0096)
- 5 m @ 0.13% Co and 0.66% Cu, from 122 m, including 2 m @ 0.15% Co and 1.11% Cu, from 122m (DOFR0121)
- 3 m @ 0.21% Co and 0.41% Cu, from 110 m, including 1 m @ 0.35% Co and 0.39% Cu, from 111 m (DOFR0105)
- 5 m @ 0.12% Co and 0.56% Cu, from 200 m (DOFD0123)
- 5 m @ 0.12% Co and 0.37% Cu, from 118 m (DOFR0104)
- 4 m @ 0.14% Co and 0.60% Cu, from 83 m (DOFR0088)
- 4 m @ 0.14% Co and 0.39% Cu, from 265 m (DOFR0087)
- 5 m @ 0.11% Co and 0.36% Cu, from 213 m (DOFR0120)
- 3 m @ 0.18% Co and 0.53% Cu, from 146 m (DOFR0101)
- 4 m @ 0.13% Co and 0.60% Cu, from 39 m (DOFR0091)
- 4 m @ 0.13% Co and 0.35% Cu, from 169 m (DOFR0092)
- 3.96 m @ 0.13% Co and 0.35% Cu, from 450.50 m (DOFD0103)
- 7 m @ 0.07% Co and 0.60% Cu, from 21 m (DOFR0093)
- 3.18 m @ 0.15% Co and 0.52% Cu, from 241.20 m (DOFD0085)
- 4 m @ 0.12% Co and 0.36% Cu, from 32 m (DOFR0090)

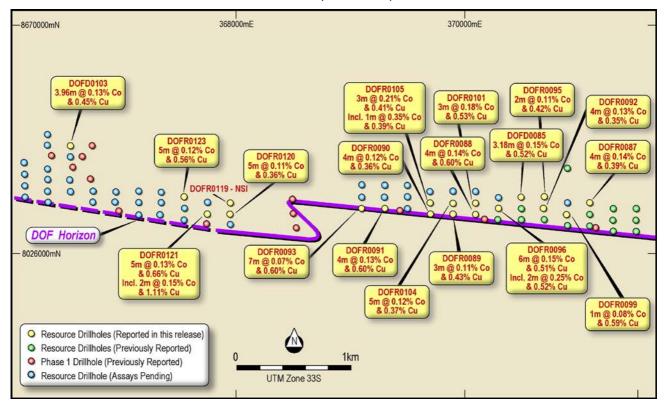


Figure 1: Resource Drilling Hole Locations and Assay Reporting Progress.



#### About the Opuwo Cobalt Project

Celsius is aiming to define a long life, reliable source of cobalt at Opuwo. The Company considers the Project to have the following advantages:

- Large scale.
- Favourable mineralogy: cobalt and copper sulphide minerals.
- Low in deleterious elements: notably arsenic, cadmium and uranium.
- Mining friendly, politically stable and safe location with excellent infrastructure.
- Cobalt: best exposure to lithium ion battery boom.

The Opuwo Cobalt Project is located in northwestern Namibia, approximately 800 km by road from the capital, Windhoek, and approximately 750 km from the port at Walvis Bay (Figure 2). The Project has excellent infrastructure, with the regional capital of Opuwo approximately 30 km to the south, where services such as accommodation, fuel, supplies, and an airport and hospital are available. Good quality bitumen roads connect Opuwo to Windhoek and Walvis Bay. The Ruacana hydro power station (320 MW), which supplies the majority of Namibia's power, is located nearby, and a 66 kV transmission line passes through the eastern boundary of the Project.

The Opuwo Project consists of four Exclusive Prospecting Licences covering approximately 1,470 km<sup>2</sup>.

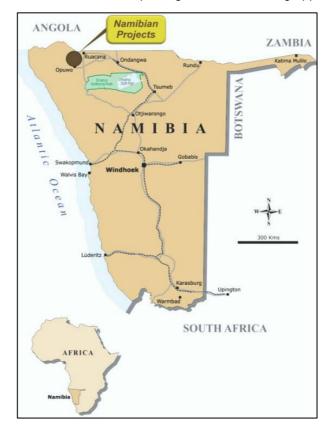


Figure 2: Location of the Opuwo Cobalt Project, Namibia



#### **Celsius Resources Contact Information**

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#### **Competent Persons Statement**

Information in this report relating to Exploration Results and Exploration Targets is based on information reviewed by Mr. Brendan Borg, who is a Member of the Australasian Institute of Mining and Metallurgy and Managing Director of Celsius Resources. Mr. Borg has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Borg consents to the inclusion of the data in the form and context in which it appears.



## Appendix 1: Resource Drilling Program - Significant Intersections

| Appendix I |           |           | IIIY FIUU |         | Ŭ                | It IIItel St | ECTIONS   |                        |                 |        |          |
|------------|-----------|-----------|-----------|---------|------------------|--------------|-----------|------------------------|-----------------|--------|----------|
|            | Easting   | Northing  |           | Planned | Final            |              |           |                        |                 |        |          |
|            | (UTM      | (UTM      | Planned   | Azimuth | Depth            | -            | Intercept | Interval               | Cobalt          | Copper |          |
|            | Zone 33S) | Zone 33S) | Dip (deg) | (grid)  | (m)              | from (m)     | to (m)    | (m)                    | (%)             | (%)    | Zinc (%) |
| DOFD0062   | 370503    | 8026297   | -55       | 180     | 92.16            |              | 61.46     | 4.54                   | 0.12            | 0.48   | 0.44     |
| AND        |           |           |           |         |                  | 80.76        | 85.00     | 4.24                   | 0.15            | 0.45   | 0.54     |
| DOFR0064   | 372107    | 8026347   | -55       | 180     | 267.00           | 260          | 264       | 4                      | 0.12            | 0.29   | 0.31     |
| DOFD0065   | 371902    | 8026153   | -55       | 180     | 38.06            | 28           | 32.94     | 4.94                   | 0.12            | 0.40   | 0.38     |
| DOFD0066   | 371900    | 8026249   | -55       | 180     | 143.37           | 136          | 140.37    | 4.37                   | 0.17            | 0.46   | 0.47     |
| DOFR0067   | 372100    | 8026245   | -55       | 180     | 173.00           |              | 167       | 5                      | 0.12            | 0.52   | 0.50     |
| DOFR0068   | 371702    | 8026197   | -55       | 180     | 75.00            |              | 69        | 3                      | 0.11            | 0.54   | 0.23     |
| DOFR0069   | 371707    | 8026396   | -55       | 180     | 231.00           |              | 224       | 3                      | 0.14            | 0.49   | 0.49     |
| DOFR0070   | 371702    | 8026302   | -55       | 180     | 151.00           |              | 147       | 4                      | 0.14            | 0.36   | 0.55     |
| DOFD0071   | 371901    | 8026350   | -55       | 180     | 254.37           | 233          | 238       | 5                      | 0.12            | 0.39   | 0.49     |
| DOFR0073   | 371503    | 8026397   | -55       | 180     | 227.00           |              | 223       | 4                      | 0.14            | 0.34   | 0.49     |
| DOFR0074   | 371500    | 8026197   | -55       | 180     | 81.00            |              |           | ised below             |                 |        |          |
| DOFR0075   | 371503    | 8026295   | -55       | 180     | 147.00           |              |           | 4                      | 0.13            | 0.34   | 0.41     |
| DOFR0076   | 371302    | 8026199   | -55       | 180     | 73.00            |              |           | 7                      | 0.12            | 0.46   | 0.34     |
| DOFD0077   | 370901    | 8026747   | -55       | 180     | 500.34           |              |           | 4                      | 0.13            | 0.40   | 0.32     |
| DOFR0078   | 371302    | 8026298   | -55       | 180     | 153.00           |              | 147       | 1                      | 0.08            | 0.56   | 0.56     |
| DOFR0079   | 371303    | 8026398   | -55       | 180     | 225.00           |              | 1         | ised below             |                 | 1      |          |
| DOFD0080   | 370503    | 8026398   | -55       | 180     | 173.16           |              | 168       | 2.8                    | 0.13            | 0.60   | 0.42     |
| DOFR0081   | 371099    | 8026243   | -55       | 180     | 78.00            | 66           | 71        | 5                      | 0.09            | 0.33   | 0.27     |
| DOFR0082   | 371099    | 8026347   | -55       | 180     | 171.00           |              | 164       | 3                      | 0.12            | 0.31   | 0.36     |
| DOFR0083   | 370902    | 8026248   | -55       | 180     | 84.00            |              | 73        | 4                      | 0.09            | 0.33   | 0.32     |
| DOFR0084   | 370700    | 8026301   | -55       | 180     | 90.00            |              | 84        | 4                      | 0.1             | 0.42   | 0.36     |
| DOFD0085   | 370499    | 8026499   | -55       | 180     | 251.18           |              | 244.38    | 3.18                   | 0.15            | 0.52   | 0.74     |
| DOFR0086   | 370299    | 8026297   | -55       | 180     | 90.00            |              | 81        | 4                      | 0.13            | 0.43   | 0.42     |
| DOFR0087   | 371101    | 8026448   | -55       | 180     | 282.00           |              | 269       | 4                      | 0.14            | 0.39   | 0.48     |
| DOFR0088   | 370102    | 8026348   | -55       | 180     | 93.00            |              | 87        | 4                      | 0.14            | 0.60   | 0.38     |
| DOFR0089   | 369901    | 8026347   | -55       | 180     | 62.00            |              | 53        | 3                      | 0.11            | 0.43   | 0.37     |
| DOFR0090   | 369701    | 8026353   | -55       | 180     | 57.00            |              | 36        | 4                      | 0.12            | 0.36   | 0.40     |
| DOFR0091   | 369303    | 8026400   | -55       | 180     | 66.00            |              | 43        | 4                      | 0.13            | 0.60   | 0.46     |
| DOFR0092   | 370699    | 8026400   | -55       | 180     | 184.00           |              | 173       | 4                      | 0.13            | 0.35   | 0.45     |
| DOFR0093   | 369100    | 8026401   | -55       | 180     | 69.00            | 21           | 28        | 7                      | 0.07            | 0.60   | 0.40     |
| DOFD0094   | 369502    | 8026602   | -55       | 180     | 278.42           |              |           | Results I              |                 |        |          |
| DOFR0095   | 370702    | 8026502   | -55       | 180     | 279.00           |              | 271       | 2                      | 0.11            | 0.42   | 0.48     |
| DOFR0096   | 370304    | 8026398   | -55       | 180     | 144.00           |              | 138       | 6                      | 0.15            | 0.51   | 0.40     |
| including  |           |           |           |         |                  | 133          | 135       | 2                      | 0.25            | 0.52   | 0.50     |
| DOFD0097   | 369502    | 8026503   | -55       | 180     | 146.36           |              | 100       | Results I              | 0               | 0.44   | 0.50     |
| DOFR0098   | 370902    | 8026450   |           | 180     |                  |              |           | 4                      |                 |        |          |
| DOFR0099   | 370898    | 8026348   | -55       | 180     | 215.00           |              | 212       | 1                      | 0.08            | 0.59   | 0.24     |
| DOFD0100   | 369500    | 8026400   |           | 180     | 59.18            |              | 4.40      | Results I              |                 | 0.50   | 0.50     |
| DOFR0101   | 370101    | 8026447   |           | 180     | 156.00           |              | 149       |                        | 0.18<br>Ponding | 0.53   | 0.59     |
| DOFD0102   | 367350    | 8026548   |           | 180     | 236.40           |              |           | Results I              |                 |        |          |
| DOFD0103   | 366551    | 8026947   | -55       | 180     | 464.36           |              | 400       | Results I              |                 | 0.07   | 0.47     |
| DOFR0104   | 369903    | 8026447   | -55       | 180     | 129.00           |              |           | 5                      |                 | 0.37   | 0.47     |
| DOFR0105   | 369699    | 8026450   | -55       | 180     | 126.00           |              |           |                        | 0.21            | 0.41   | 0.37     |
| including  | 20222     | 0000400   |           | 400     | 107.00           | 111          | 112       | <b>1</b>               | 0.35            | 0.39   | 0.39     |
| DOFR0106   | 369302    | 8026499   | -55       | 180     | 137.00           |              |           | Results I              |                 |        |          |
| DOFD0107   | 367349    | 8026451   | -55       | 180     | 167.30           |              |           | Results I              |                 |        |          |
| DOFR0108   | 370102    | 8026551   |           | 180     | 261.00           |              |           | Results I              |                 |        |          |
| DOFR0109   | 370302    | 8026498   |           | 180     | 221.00           |              |           | Results I              | <u> </u>        |        |          |
| DOFD0110   | 367349    | 8026352   |           | 180     | 86.11            |              |           | Results I              | -               |        |          |
| DOFR0111   | 369902    | 8026550   |           | 180     | 219.00<br>198.00 |              |           | Results I<br>Results I | -               |        |          |
| DOFR0112   | 369700    | 8026549   | -55       | 180     |                  |              |           |                        |                 |        |          |



|                              | Easting   | Northing  |           | Planned | Final  |                   |           |              |              |        |          |
|------------------------------|-----------|-----------|-----------|---------|--------|-------------------|-----------|--------------|--------------|--------|----------|
|                              | (UTM      | (UTM      | Planned   | Azimuth | Depth  | Intercept         | Intercept | Interval     | Cobalt       | Copper |          |
| Hole ID                      | Zone 33S) | Zone 33S) | Dip (deg) | (grid)  | (m)    | from (m)          | to (m)    | (m)          | (%)          | (%)    | Zinc (%) |
| DOFR0113                     | 369301    | 8026602   | -55       | 180     | 231.00 |                   |           | Results      | Pending      |        |          |
| DOFD0114                     | 366350    | 8027048   | -55       | 180     | 602.38 | Results Pending   |           |              |              |        |          |
| DOFD0115                     | 370907    | 8026450   | -55       | 180     | 428.50 | Results Pending   |           |              |              |        |          |
| DOFR0116                     | 369100    | 8026499   | -55       | 180     | 126.00 |                   |           | Results      | Pending      |        |          |
| DOFR0117                     | 369100    | 8026601   | -55       | 180     | 213.00 |                   |           |              |              |        |          |
| DOFR0118                     | 367751    | 8026450   | -55       | 180     | 216.00 |                   |           |              |              |        |          |
| DOFR0119                     | 367950    | 8026448   | -55       | 180     | 209.00 |                   | Hole      | ailed to rea | ach target o | depth  |          |
| DOFR0120                     | 367948    | 8026348   | -55       | 180     | 225.00 | 213               | 218       | 5            | 0.11         | 0.36   | 0.53     |
| DOFR0121                     | 367751    | 8026352   | -55       | 180     | 138.00 | 122               | 127       | 5            | 0.13         | 0.66   | 0.55     |
| including                    |           |           |           |         |        | 122               | 124       | 2            | 0.15         | 1.11   | 0.96     |
| DOFR0122                     | 367954    | 8026251   | -55       | 180     | 147.00 |                   |           | Results      | Pending      |        |          |
| DOFR0123                     | 367548    | 8026501   | -55       | 180     | 210.00 | 200               | 205       | 5            | 0.12         | 0.56   | 0.70     |
| DOFR0124                     | 367548    | 8026403   | -55       | 180     | 138.00 |                   |           | Results      | Pending      |        |          |
| DOFD0125                     | 366548    | 8026650   | -55       | 180     | 254.49 |                   |           | Results      | Pending      |        |          |
| DOFR0126                     | 367548    | 8026299   | -55       | 180     | 57.00  |                   |           | Results      | Pending      |        |          |
| DOFR0127                     | 367150    | 8026550   | -55       | 180     | 226.00 |                   |           | Results      | Pending      |        |          |
| DOFR0128                     | 367151    | 8026343   | -55       | 180     | 54.00  |                   |           | Results      | Pending      |        |          |
| DOFR0129                     | 366950    | 8026543   | -55       | 180     | 189.00 |                   |           | Results      | Pending      |        |          |
| DOFD0130                     | 366148    | 8026799   | -55       | 180     | 392.80 |                   |           | Results      | Pending      |        |          |
| DOFR0131                     | 366750    | 8026453   | -55       | 180     | 220.00 |                   |           | Results      | Pending      |        |          |
| DOFR0132                     | 367150    | 8026451   | -55       | 180     | 133.00 | Results Pending   |           |              |              |        |          |
| DOFR0133                     | 366943    | 8026451   | -55       | 180     | 117.00 | Results Pending   |           |              |              |        |          |
| DOFD0134                     | 366351    | 8026950   | -55       | 180     | 200.38 |                   |           | Results      | Pending      |        |          |
| DOFR0135                     | 366552    | 8026850   | -55       | 180     | 290.50 | Results Pending   |           |              |              |        |          |
| DOFR0136                     | 366553    | 8026545   | -55       | 180     | 225.00 | Results Pending   |           |              |              |        |          |
| DOFR0137                     | 366154    | 8026600   | -55       | 180     | 130.00 | Results Pending   |           |              |              |        |          |
| DOFR0138                     | 366153    | 8026504   | -55       | 180     | 60.00  |                   |           | Results      | Pending      |        |          |
| DOFR0139                     | 366351    | 8026453   | -55       | 180     | 99.00  |                   |           | Results      | Pending      |        |          |
| DOFR0140                     | 366751    | 8026549   | -55       | 180     | 261.00 |                   |           | Results      | Pending      |        |          |
| DOFR0141                     | 366353    | 8026552   | -55       | 180     | 157.00 |                   |           | Results      | Pending      |        |          |
| DOFR0142                     | 365949    | 8026549   | -55       | 180     | 75.00  |                   |           | Results      | Pending      |        |          |
| DOFD0143                     | 366150    | 8026699   | -55       | 180     | 176.48 |                   |           | Results      | Pending      |        |          |
| DOFD0144                     | 365948    | 8026749   | -55       | 180     | 227.36 |                   |           | Results      | ÿ            |        |          |
| DOFR0145                     | 366354    | 8026650   | -55       | 180     | 184.00 |                   |           | Results      | -            |        |          |
| DOFR0146                     | 365749    | 8026551   | -55       | 180     | 69.00  |                   |           | Results      | Pending      |        |          |
| DOFR0147                     | 365945    | 8026661   | -55       | 180     | 147.00 |                   |           | Results      | Pending      |        |          |
| DOFR0148                     | 365550    | 8026650   |           | 180     | 36.00  |                   |           | Results      | ž            |        |          |
| DOFR0149                     | 365349    | 8026667   | -55       | 180     | 45.00  |                   |           | Results      | Pending      |        |          |
| DOFR0150                     | 365750    | 8026747   | -55       | 180     | 191.00 |                   |           | Results      | -            |        |          |
| DOFR0151                     | 364953    | 8026701   | -55       | 180     | 54.00  |                   |           | Results      | Pending      |        |          |
| DOFR0152                     | 365550    |           | -55       | 180     | 219.00 |                   |           | Results      | •            |        |          |
| DOFD0153                     | 365347    | 8026871   | -55       | 180     | 206.36 |                   |           | Results      | Ű            |        |          |
| DOFR0154                     | 365751    | 8026650   | -55       | 180     | 109.00 |                   |           | Results      | <b>v</b>     |        |          |
| DOFR0155                     | 365548    | 8026751   | -55       | 180     | 150.00 |                   |           | Results      | <b>v</b>     |        |          |
| DOFR0156                     | 364952    | 8026898   | -55       | 180     | 206.00 |                   |           | Results      | <u> </u>     |        |          |
| DOFR0157                     | 365350    | 8026770   | -55       | 180     | 129.00 | 0 Results Pending |           |              |              |        |          |
| DOFR0158                     | 364951    | 8026798   | -55       | 180     | 126.00 |                   |           | Results      | × ·          |        |          |
| DOFD0159                     | 366351    | 8026746   | -55       | 180     | 101.33 |                   |           | Results      | <b>v</b>     |        |          |
| DOFR0160<br>Results reported | 365149    |           | -55       | 180     | 274.00 |                   |           | Results      | Pending      |        |          |

Results reported at 0.05% (500ppm) Co cutoff. Results reported this release in green.



Appendix 2: The following tables are provided to ensure compliance with the JORC Code (2012) requirements for the reporting of Exploration Results for the Opuwo Cobalt Project

#### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria                 | JORC Code explanation   | Commentary  |
|--------------------------|---|---|
| Sampling<br>techniques   | cut channels, random chips, or<br>specific specialised industry standard<br>measurement tools appropriate to the<br>minerals under investigation, such as<br>down bole gamma sondes or  | <ul> <li>Reverse Circulation (RC) and Diamond Core (DC) drilling using standard equipment.</li> <li>Sampling was undertaken at one metre intervals for RC and based on lithology/mineralisation changes for DC.</li> <li>Drilling designed to intersect the DOF horizon based on mapped or interpreted location.</li> </ul> |
| Drilling<br>techniques   | <ul> <li>Drill type (eg core, reverse<br/>circulation, open-hole hammer, rotary<br/>air blast, auger, Bangka, sonic, etc)<br/>and details (eg core diameter, triple<br/>or standard tube, depth of diamond<br/>tails, face-sampling bit or other type,<br/>whether core is oriented and if so, by<br/>what method, etc).</li> </ul> | <ul> <li>Reverse circulation (RC) percussion and oriented Diamond Core (DC).</li> </ul>   |
| Drill sample<br>recovery |   | <ul> <li>Recovery generally recorded as good, with poor recovery in a small<br/>number of samples due to groundwater.</li> </ul>  |



| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
| Logging   | <ul> <li>Whether core and chip samples have<br/>been geologically and geotechnically<br/>logged to a level of detail to support<br/>appropriate Mineral Resource<br/>estimation, mining studies and<br/>metallurgical studies.</li> <li>Whether logging is qualitative or<br/>quantitative in nature. Core (or<br/>costean, channel, etc) photography.</li> <li>The total length and percentage of<br/>the relevant intersections logged.</li> </ul>   | <ul> <li>Drilling logged in detail on a metre by metre basis for RC and on lithology/mineralisation for DC.</li> <li>Lithology, alteration and oxidation logged qualitatively.</li> <li>Sulphide and quartz vein content logged quantitatively.</li> <li>All DC holes are photographed, as are RC representative chip rays.</li> <li>A Niton portable XRF analyser is used to assist in determining mineralised horizons.</li> </ul>  |
| Sub-sampling<br>techniques<br>and sample<br>preparation | <ul> <li>If core, whether cut or sawn and<br/>whether quarter, half or all core<br/>taken.</li> <li>If non-core, whether riffled, tube<br/>sampled, rotary split, etc and whether<br/>sampled wet or dry.</li> <li>For all sample types, the nature,<br/>quality and appropriateness of the<br/>sample preparation technique.</li> <li>Quality control procedures adopted<br/>for all sub-sampling stages to<br/>maximise representivity of samples.</li> <li>Measures taken to ensure that the<br/>sampling is representative of the in<br/>situ material collected, including for<br/>instance results for field<br/>duplicate/second-half sampling.</li> <li>Whether sample sizes are<br/>appropriate to the grain size of the<br/>material being sampled.</li> </ul> | <ul> <li>RC drill samples split using a rig mounted cone splitter.</li> <li>Diamond Core is cut using a core saw. Generally, half core is submitted to the laboratory, except where a duplicate is taken, in which case quarter core is submitted for each.</li> <li>Field duplicates collected to confirm representivity of sampling from both RC and DC drilling.</li> </ul>  |
| Quality of<br>assay data<br>and laboratory<br>tests     | <ul> <li>The nature, quality and<br/>appropriateness of the assaying and<br/>laboratory procedures used and<br/>whether the technique is considered<br/>partial or total.</li> <li>For geophysical tools, spectrometers,<br/>handheld XRF instruments, etc, the<br/>parameters used in determining the<br/>analysis including instrument make<br/>and model, reading times,<br/>calibrations factors applied and their<br/>derivation, etc.</li> <li>Nature of quality control procedures<br/>adopted (eg standards, blanks,<br/>duplicates, external laboratory<br/>checks) and whether acceptable<br/>levels of accuracy (ie lack of bias)<br/>and precision have been established.</li> </ul>   | <ul> <li>Samples were prepared at Activation Laboratories Limited (ACTLABS)<br/>Windhoek laboratory, and assayed at ACTLABS in Ancaster, Canada. A<br/>total acid digestion sample preparation method and ICP finish were<br/>utilised.</li> <li>No geophysical tools were used to determine any element concentration in<br/>these results.</li> <li>A Niton hand held XRF analyser is used to assist in selection of samples<br/>to be sent to the laboratory.</li> <li>The drilling program included field duplicates, standards and blanks that<br/>were inserted into the drill sequence, in addition to the standard QA/QC<br/>samples and procedures used by the laboratory. A second (umpire)<br/>laboratory is being utilised to provide additional verification of key<br/>mineralised zones prior to resource modelling and estimation.</li> <li>One of the field inserted standards occasionally reported marginally<br/>outside the acceptable tolerances for cobalt analysis, and is currently<br/>being investigated.</li> </ul> |



| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
| Verification of<br>sampling and<br>assaying                         | <ul> <li>The verification of significant<br/>intersections by either independent<br/>or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data<br/>entry procedures, data verification,<br/>data storage (physical and<br/>electronic) protocols.</li> <li>Discuss any adjustment to assay<br/>data.</li> </ul>                            | <ul> <li>Mineralised zones reported in assays correspond approximately with the zones as logged in the field, and the tenor of grades is consistent with previous drilling and surface sampling.</li> <li>Several RC/DC twin holes have been completed, and do not show any systematic bias towards one drilling method or another. Further twin holes will be completed as part of the current drilling program.</li> <li>An electronic database containing collars, geological logging and assays is maintained by the Company.</li> <li>No adjustment to assay data has been made.</li> </ul> |
| Location of<br>data points  | <ul> <li>Accuracy and quality of surveys used<br/>to locate drill holes (collar and down-<br/>hole surveys), trenches, mine<br/>workings and other locations used in<br/>Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic<br/>control.</li> </ul>   | <ul> <li>All sampling located initially by hand held GPS.</li> <li>UTM grid WGS84 Zone 33 (South).</li> <li>Holes are surveyed using Differential GPS (DGPS) prior to resource modelling.</li> <li>Downhole surveys to measure hole deviation are being routinely completed.</li> </ul>  |
| Data spacing<br>and<br>distribution                                 | <ul> <li>Data spacing for reporting of<br/>Exploration Results.</li> <li>Whether the data spacing and<br/>distribution is sufficient to establish<br/>the degree of geological and grade<br/>continuity appropriate for the Mineral<br/>Resource and Ore Reserve<br/>estimation procedure(s) and<br/>classifications applied.</li> <li>Whether sample compositing has<br/>been applied.</li> </ul> | <ul> <li>Drill spacing in the initial phase of drilling was approximately every 500 – 1,000 metres along the strike of the DOF horizon (based on mapping/interpretation).</li> <li>Current closer spaced drilling is on a nominal 200 metres x 100 metres grid.</li> <li>Optimum drill spacing to delineate a Mineral Resource, and the category of that resource, is not yet confirmed. This will be determined by consultant resource geologists from assay data/assessment of grade variability.</li> </ul>   |
| Orientation of<br>data in<br>relation to<br>geological<br>structure | <ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul> <li>Drilling of angled holes aimed to test perpendicular to DOF horizon. All current holes are angled at 55 degrees, which, based on visual observations in the drill core, intersects the mineralisation approximately perpendicular.</li> <li>Further drilling, and geological modelling, will more accurately define the orientation of the geological features and mineralisation and enable any biases to be determined.</li> </ul>  |
| Sample<br>security  | • The measures taken to ensure sample security.  | Drill samples delivered to laboratory by senior Celsius or Gecko Namibia staff.  |
| Audits or<br>reviews  | <ul> <li>The results of any audits or reviews<br/>of sampling techniques and data.</li> </ul>  | A review of drilling methods and sampling procedures has been<br>undertaken by the Company's external Resource Geologists. No<br>significant issues were identified.   |



### Section 2 Reporting of Exploration Results

| Criteria   | JORC Code explanation   | Commentary   |
|--|---|--|
| Mineral<br>tenement and<br>land tenure<br>status | <ul> <li>Type, reference name/number,<br/>location and ownership including<br/>agreements or material issues with<br/>third parties such as joint ventures,<br/>partnerships, overriding royalties,<br/>native title interests, historical sites,<br/>wilderness or national park and<br/>environmental settings.</li> <li>The security of the tenure held at the<br/>time of reporting along with any<br/>known impediments to obtaining a<br/>licence to operate in the area.</li> </ul>  | <ul> <li>The Opuwo Cobalt Project comprises four Exclusive Prospective Licences EPLs 4346, 4350, 4351 and 4540, currently undergoing the transfer process to a subsidiary of the Company.</li> <li>EPL 4346 is undergoing the renewal process for a further two year term from June 2017.</li> </ul>   |
| Exploration<br>done by other<br>parties          | Acknowledgment and appraisal of exploration by other parties.   | • Previous work carried out by Kunene Resources includes geological mapping, outcrop sampling, soil sampling, high resolution magnetic and radiometric data and hyperspectral data. Two holes were drilled in 2015, which intersected cobalt, copper and zinc mineralisation.  |
| Geology  | Deposit type, geological setting and style of mineralisation.   | <ul> <li>Copper-cobalt mineralisation is developed in a sedimentary package of<br/>likely Nosib succession. Arkose quartzitic sandstones and conglomerates of<br/>the footwall Nosib Formation are exposed to the west and southwest</li> <li>The upper Nosib or Ombombo Formation consists of a sequence of finely<br/>intercalated siltstones and shales with minor sandstone, marlstone,<br/>limestone and dolostone layers.</li> </ul> |
| Drill hole<br>Information                        | <ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul> | All information detailed in Appendix 1. Drillholes are yet to be accurately surveyed using DGPS, however, this is planned prior to resource modeling.  |
| Data<br>aggregation<br>methods                   | <ul> <li>In reporting Exploration Results,<br/>weighting averaging techniques,<br/>maximum and/or minimum grade<br/>truncations (eg cutting of high<br/>grades) and cut-off grades are<br/>usually Material and should be<br/>stated.</li> <li>Where aggregate intercepts<br/>incorporate short lengths of high</li> </ul>  | <ul> <li>Simple length weighted averages were used for reporting of significant<br/>intercepts. Significant intercepts were reported using a cutoff grade of<br/>0.05% (or 500 ppm) cobalt.</li> </ul>   |



| Criteria  | JORC Code explanation   | Commentary  |
|---|---|---|
|   | <ul> <li>grade results and longer lengths of<br/>low grade results, the procedure used<br/>for such aggregation should be stated<br/>and some typical examples of such<br/>aggregations should be shown in<br/>detail.</li> <li>The assumptions used for any<br/>reporting of metal equivalent values<br/>should be clearly stated.</li> </ul>  |   |
| Relationship<br>between<br>mineralisation<br>widths and<br>intercept<br>lengths | <ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>                                 | <ul> <li>Orientation of drilling vs dip of DOF horizon likely means that the downhole length reported for angled holes (-55 degrees) approximates true width. Holes drilled straight (-90 degrees) would overestimate true thickness. All holes in this resource definition phase of drilling are angled at -55 degrees.</li> <li>More accurate determination of the orientations and thickness of mineralisation will be possible with further drilling and geological modelling.</li> </ul> |
| Diagrams  | <ul> <li>Appropriate maps and sections (with<br/>scales) and tabulations of intercepts<br/>should be included for any significant<br/>discovery being reported These<br/>should include, but not be limited to a<br/>plan view of drill hole collar locations<br/>and appropriate sectional views.</li> </ul>   | <ul> <li>Refer Figure 1. Sectional views have previously been provided and will be<br/>updated once further data is available.</li> </ul>   |
| Balanced<br>reporting   | <ul> <li>Where comprehensive reporting of all<br/>Exploration Results is not practicable,<br/>representative reporting of both low<br/>and high grades and/or widths should<br/>be practiced to avoid misleading<br/>reporting of Exploration Results.</li> </ul>   | All holes have been reported in Appendix 1.   |
| Other<br>substantive<br>exploration<br>data                                     | <ul> <li>Other exploration data, if meaningful<br/>and material, should be reported<br/>including (but not limited to):<br/>geological observations; geophysical<br/>survey results; geochemical survey<br/>results; bulk samples – size and<br/>method of treatment; metallurgical<br/>test results; bulk density,<br/>groundwater, geotechnical and rock<br/>characteristics; potential deleterious<br/>or contaminating substances.</li> </ul> | <ul> <li>Geophysical and geological datasets detailed in previous releases.</li> <li>Aeromagnetic data is used as a guide to determining the presence of the mineralised horizon where it is not outcropping.</li> </ul>  |
| Further work  | <ul> <li>The nature and scale of planned<br/>further work (eg tests for lateral<br/>extensions or depth extensions or<br/>large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the<br/>areas of possible extensions,<br/>including the main geological<br/>interpretations and future drilling<br/>areas, provided this information is not<br/>commercially sensitive.</li> </ul>   | <ul> <li>Planned further work detailed in this, and previous releases, and in figures.</li> <li>Closer spaced drilling is currently being undertaken at the DOF Prospect, with the aim of delineating a Mineral Resource.</li> <li>Exploration on other parts of the Project will comprise geophysical surveys and surface sampling to define targets for further drilling.</li> </ul>  |