# Outstanding New High-Grade Results Significantly Expand the Clay hosted Rare Earth Discovery at the Innouendy Project

**Key Highlights:**

- New rare earth assays received from the recent 12,745m drilling program have materially expanded the rare earth discovery at the Innounedy Project announced on 16 September.
- Results include the following outstanding Total Rare Earth Oxide (TREO) intersections:
  - **20m @ 1834ppm** from 20m, hole INAC083
  - **16m @ 2059ppm** from 32m, hole INRC012
  - 19m @ 1373ppm from 8m, hole INACO90
  - 16m @ 1365ppm from surface, hole INAC068
  - 4m @ **3314ppm** from 32m, hole INRC013
  - 40m @ 649ppm from 16m (incl 8m @ 1301ppm), hole INAC102
  - 25m @ 968ppm from 20m, hole INAC052
- Partial TREO (only the elements Ce+La+Y) assays have been received from a number of holes with the full suite of REE results pending. Significant intersections of Partial TREO include:
  - **31m @ 1701ppm** from 32m (**including 8m @ 3536ppm**), hole INAC247
  - 24m @ 1435ppm from 36m (including 12m @ 2540ppm), hole INAC246
  - 21m @ 925ppm from 28m (including 8m @ 1534ppm), hole INAC255
  - 4m @ 1366ppm from 28m, hole INAC194
  - 2m @ 1628ppm from 24m, hole INAC191

- TREO intersections within the weathered clay zone appear to be thick and continuous.
- Significant TREO values have now been confirmed along 21km of strike and across section widths of 2.5km, indicating dimensions of a very substantial rare earth system.
- Latest assays received significantly expand the mineralisation footprint and assays are still pending for approximately an additional 6,600m.
- Mineralisation remains open in all directions.
- Plans for an extensive follow up definition drilling campaign are now underway with further details to be confirmed shortly.

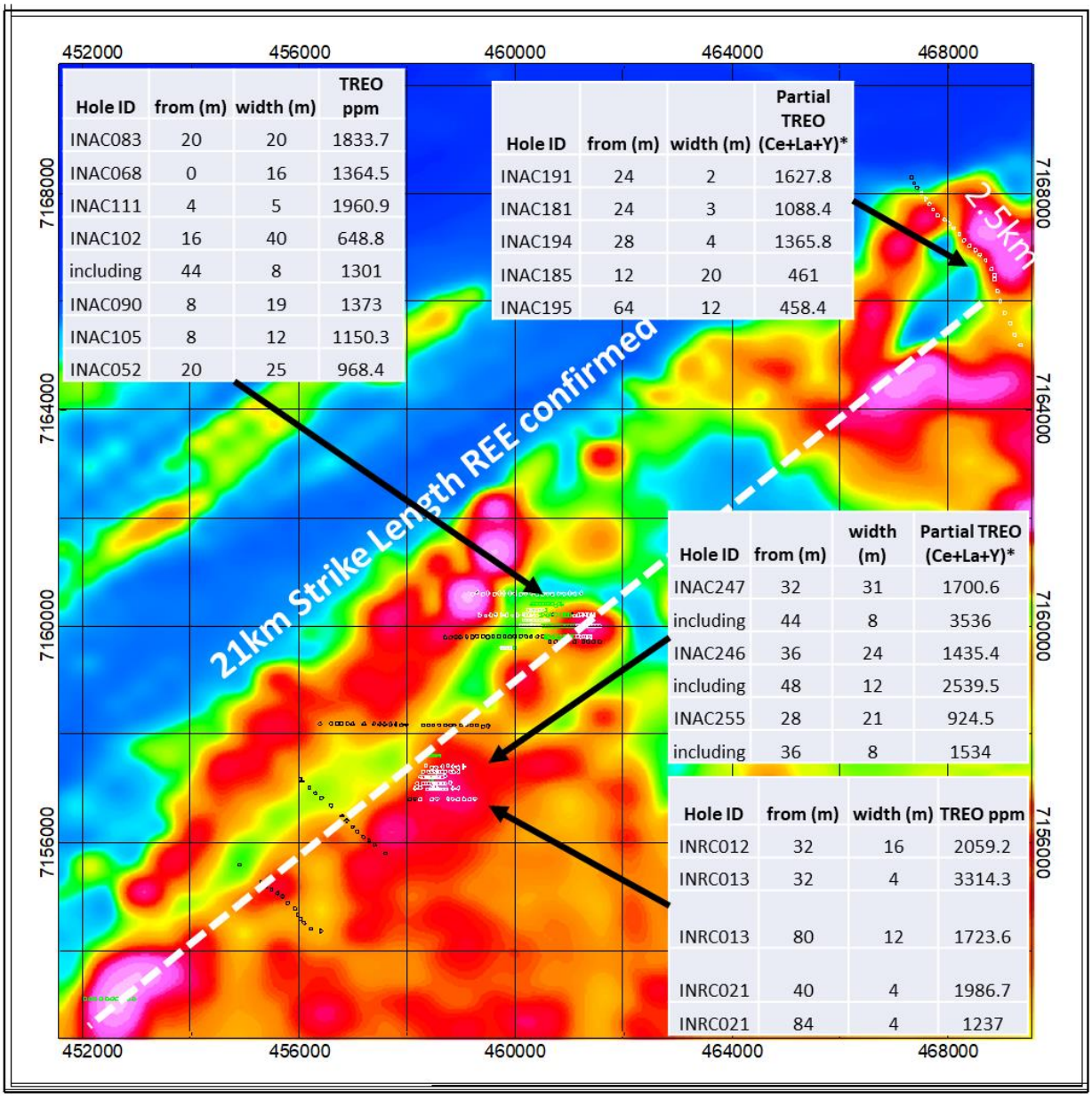


***Figure 1.*** *Partial assays reported in this release from holes INAC 049-069, INAC83-129, INAC143-156, INAC180-202, INAC230-275, with collars shown in white. Collars from holes where sampling has been previously reported are in green. Collars where no assays yet received in black. Holes with partial assays have full REE suite results pending. Background Image RTP magnetics- regional 400m line spaced data.*

# ASX RELEASE 02 NOVEMBER 2022

Desert Metals Limited ("the Company" or "DM1") is pleased to announce outstanding new assay results from its recent Rare Earth Element (REE) discovery at Innouendy. These results significantly expand the mineralised footprint and hence the potential size of the discovery. Results from the aircore drilling program are within the weathered clay layer, are high grade for clay hosted mineralisation, are thick, and extend over at least 21km of strike along the Yilgarn craton margin. In the northeast of the project a single drill line traverse perpendicular to the interpreted craton margin shows mineralisation across 2.5km. Similarly, results from the Innouendy central zone, where drill lines have been oriented east-west, show mineralisation across a width of greater than 2km. While a vast area of mineralisation has now been defined, the REE and the clays that host them essentially remain open in all compass directions. It is unknown whether the highest-grade parts of the discovery have been found.

The Company has submitted samples to the ALS Perth lab for analysis using two methods, being:

1. ME-MS81 Lithium Borate Fusion – ICP-MS (preferred method for REE's); and
2. ME-MS61 acid digest -ICP-AES (preferred method for base metals but also analyses for cerium, lanthanum, and yttrium).

Where results have been reported as Partial TREO these are REE results from the second analysis method and the full suite of REE results is pending. Where full TREO is reported these have been analysed using the first method. Assays remain pending for approximately a further 6,600m.

Following these outstanding results, the Company is planning to return an aircore drill rig to Innouendy as soon as the required permitting allows. It is anticipated the upcoming program will be similar in size to the one recently completed for circa 12,000 – 15,000m.

Managing Director Rob Stuart commented "These results greatly expand the REE footprint at Innouendy and the dimensions show the potential for the project to become a major supplier of rare earth elements. As the global economy moves to decarbonise and electrify, the demand for REE's, a vital component in electric motors and turbines, is forecast to increase dramatically. Desert Metals is delighted to potentially be on the cusp of this big future. These results show that the new discovery stretches over a vast area, is thick and is high grade for clay style mineralisation. We are very excited about what will be uncovered over the coming weeks and months as we begin our definition drilling and work towards defining a resource."

# ASX RELEASE 02 NOVEMBER 2022

**Table 1** Significant intercepts Rare Earth Oxide(ppm) Lithium Borate Fusion/ICP-MS results. Partial TREO results are 4 acid digest with ICP-MS.

| Hole ID | from (m) | to (m) | width (m) | TREO ppm | MREO ppm | Partial TREO (MS61 Ce+La+Y)* | Comments |
|---|---|---|---|---|---|---|---|
| INAC052 | 20 | 45 (EOH) | 25 | 968.4 | 259.7 | *669.2* | Innouendy central zone |
| INAC063 | 20 | 34 (EOH) | 14 | 1076 | 222.7 | *818.4* | |
| INAC064 | 12 | 38 (EOH) | 26 | 641.2 | 120.2 | *409.4* | |
| *including* | *20* | *32* | *12* | *1066.8* | *178* | *660.6* | |
| INAC068 | 0 | 16 (EOH) | 16 | 1364.5 | 348.1 | *976.5* | |
| INAC083 | 20 | 40 | 20 | 1833.7 | 375.6 | *1325* | |
| INAC089 | 20 | 33 (EOH) | 13 | 1098.9 | 319.2 | *711* | |
| INAC090 | 8 | 27 (EOH) | 19 | 1373 | 349.2 | *986.6* | |
| INAC094 | 8 | 12 | 4 | 876.6 | 323 | *359.3* | |
| INAC102 | 16 | 56 | 40 | 648.8 | 168.8 | *477.5* | |
| *including* | *44* | *52* | *8* | *1301* | *334.3* | *862.7* | |
| INAC103 | 20 | 26 (EOH) | 6 | 753 | 202 | *540.8* | |
| INAC105 | 8 | 20 | 12 | 1150.3 | 191.3 | *923.3* | |
| INAC111 | 4 | 9 (EOH) | 5 | 1960.9 | 306 | *1586.1* | |
| INAC123 | 32 | 53 (EOH) | 21 | 877.7 | 172.7 | *708.1* | |
| *including* | *40* | *48* | *8* | *1032* | *195.8* | *818.2* | |
| INAC149 | 24 | 32 | 8 | 816.8 | 200.3 | *536.1* | |
| INAC152 | 40 | 48 | 8 | 692.8 | 174.9 | *482* | |
| INAC155 | 24 | 32 | 8 | 706.1 | 261.8 | *435* | |
| INAC181 | 24 | 27 (EOH) | 3 | | | *1088.4* | Weedara Prospect - New Zone 10km NE of Innouendy. Results are from a single drill line and extend over 2.5km. |
| INAC184 | 4 | 13 (EOH) | 9 | | | *359.4* | |
| INAC185 | 12 | 32 | 20 | | | *461* | |
| INAC186 | 32 | 40 | 8 | | | *554.9* | |
| INAC187 | 8 | 13 (EOH) | 5 | | | *506.6* | |
| INAC189 | 16 | 32 | 16 | | | *406* | |
| INAC190 | 24 | 28 | 4 | | | *465.8* | |
| INAC191 | 24 | 26 (EOH) | 2 | | | *1627.8* | |
| INAC192 | 56 | 68 | 12 | | | *337.8* | |
| INAC193 | 36 | 40 | 4 | | | *549.1* | |
| INAC194 | 28 | 32 | 4 | | | *1365.8* | |
| INAC195 | 64 | 76 | 12 | | | *458.4* | |
| INAC196 | 56 | 64 | 8 | | | *415.1* | |
| INAC197 | 40 | 44 | 4 | | | *541.5* | |
| INAC198 | 36 | 40 | 4 | | | *603.2* | |
| INAC198 | 76 | 80 | 4 | | | *951.9* | |
| INAC199 | 64 | 72 | 8 | | | *331.9* | |

***Table 2*** *Significant intercepts Rare Earth Oxide(ppm) Lithium Borate Fusion/ICP-MS results. Partial TREO results are 4 acid digest with ICP-MS.*

| Hole ID | from (m) | to (m) | width (m) | TREO ppm | MREO ppm | Partial TREO (Ce+La+Y)* | Comments |
|---|---|---|---|---|---|---|---|
| INRC011 | 12 | 20 | 8 | 1505.4 | 333.6 | *986.6* | |
| INAC232 | 40 | 44 (EOH) | 4 | | | *891* | Cattle Yards Prospect - 3.5km SE of Innouendy |
| INAC233 | 52 | 54 (EOH) | 6 | | | *1019* | |
| INAC234 | 64 | 79 (EOH) | 15 | | | *1025.9* | |
| INAC235 | 52 | 64 | 12 | | | *771.2* | |
| INAC236 | 68 | 100 | 32 | | | *418.4* | |
| INAC239 | 44 | 56 | 12 | | | *566.2* | |
| INAC240 | 28 | 38 | 10 | | | *387.9* | |
| INAC242 | 16 | 49 (EOH) | 33 | | | *696.2* | |
| *including* | *20* | *36* | *16* | | | *1030.2* | |
| INAC245 | 56 | 68 | 12 | | | *322.6* | |
| INAC246 | 36 | 60 (EOH) | 24 | | | *1435.4* | |
| *including* | *48* | *60* | *12* | | | *2539.5* | |
| INAC247 | 32 | 63 (EOH) | 31 | | | *1700.6* | |
| *including* | *44* | *48* | *8* | | | *3536* | |
| INAC251 | 16 | 23 | 7 | | | *475.5* | |
| INAC253 | 32 | 44 | 12 | | | *933* | |
| including | 36 | 40 | 4 | | | *1354* | |
| INAC255 | 28 | 49 | 21 | | | *924.5* | |
| including | 36 | 44 | 8 | | | *1534* | |
| INAC259 | 16 | 24 | 8 | | | *711.6* | |
| INAC260 | 36 | 48 | 12 | | | *734.6* | |
| including | 40 | 44 | 4 | | | *1100* | |
| INAC261 | 40 | 55 | 15 | | | *520.5* | |
| including | 52 | 55 | 3 | | | *1131.8* | |
| INAC262 | 40 | 71 | 31 | | | *622.7* | |
| including | 68 | 71 | 3 | | | *1072* | |
| INAC272 | 28 | 32 | 4 | | | *907.1* | |
| INRC012 | 32 | 48 | 16 | 2059.2 | 470.4 | ** | |
| INRC013 | 32 | 36 | 4 | 3314.3 | 398.5 | ** | |
| INRC013 | 36 | 56 | 20 | | | *807.3* | |
| INRC013 | 80 | 92 | 12 | 1723.6 | 372.3 | ** | |
| INRC021 | 40 | 44 | 4 | 1986.7 | 526 | ** | |
| INRC021 | 84 | 88 | 4 | 1237 | 323.7 | ** | |

*Based on Ce, La and Y assays from ALS ICP MS-61 method, Full REE suite (MS-81) assays pending.

** Ce reached overlimit (>500ppm) from ALS ICP MS-61 method. No Partial TREO calculated.

Authorised by the Board of Desert Metals Limited.

**Rob Stuart** — Managing Director

**Tony Worth** — Technical Director

**Competent Person Statement**

*The information in this announcement that relates to Exploration Results is based on, and fairly represents, information and supporting documentation prepared by Dr Rob Stuart, a competent person who is a member of the Australasian Institute of Mining and Metallurgy. Dr Stuart has a minimum of five years' 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 in the 2012 Edition of the Joint Ore Reserves. Dr Stuart is a related party of the Company, being a Director, and holds securities in the Company. Dr Stuart has consented to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.*

*Table 2: Rare Earth Oxide (ppm) Lithium Borate Fusion/ICP-MS significant assay results.*

| Hole_ID | From | To | Partial TREO * (MS61 Ce+La+Y) | TREO | TREO-Ce | LREO | HREO | CREO | MREO | CeO2 | Dy2O3 | Er2O3 | Eu2O3 | Gd2O3 | Ho2O3 | La2O3 | Lu2O3 | Nd2O3 | Pr6O11 | Sm2O3 | Tb4O7 | Tm2O3 | Y2O3 | Yb2O3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INAC052 | 20 | 24 | 428.30 | 631.02 | 382.88 | 556.98 | 74.04 | 157.31 | 166.63 | 248.14 | 7.30 | 3.85 | 2.56 | 10.93 | 1.35 | 161.85 | 0.36 | 102.99 | 28.64 | 15.36 | 1.41 | 0.34 | 43.05 | 2.88 |
| INAC052 | 24 | 28 | 605.51 | 847.81 | 507.55 | 746.97 | 100.84 | 217.30 | 231.68 | 340.27 | 10.21 | 4.88 | 3.49 | 15.56 | 1.80 | 202.89 | 0.55 | 143.47 | 38.54 | 21.80 | 2.09 | 0.53 | 58.03 | 3.70 |
| INAC052 | 28 | 32 | 1024.34 | 1427.96 | 786.73 | 1269.18 | 158.78 | 338.23 | 370.51 | 641.22 | 17.39 | 8.11 | 6.17 | 25.70 | 2.98 | 303.76 | 0.67 | 223.95 | 61.99 | 38.27 | 3.22 | 0.97 | 87.50 | 6.07 |
| INAC052 | 32 | 36 | 702.37 | 1054.00 | 597.04 | 944.19 | 109.81 | 258.74 | 287.62 | 456.96 | 11.94 | 5.17 | 4.40 | 17.35 | 2.02 | 231.04 | 0.61 | 179.04 | 49.66 | 27.48 | 2.15 | 0.67 | 61.21 | 4.29 |
| INAC052 | 36 | 40 | 675.63 | 1007.56 | 578.85 | 857.95 | 149.61 | 278.34 | 269.52 | 428.71 | 13.72 | 7.52 | 4.43 | 18.21 | 2.46 | 194.10 | 0.91 | 165.05 | 44.59 | 25.51 | 2.45 | 1.05 | 92.70 | 6.15 |
| INAC052 | 40 | 45 | 597.24 | 867.35 | 491.46 | 770.16 | 97.19 | 221.23 | 237.79 | 375.89 | 10.31 | 4.79 | 3.55 | 14.18 | 1.81 | 182.96 | 0.52 | 149.88 | 39.63 | 21.80 | 1.99 | 0.63 | 55.49 | 3.92 |
| INAC063 | 20 | 24 | 645.90 | 923.10 | 493.16 | 879.20 | 43.90 | 181.34 | 241.65 | 429.94 | 6.01 | 2.20 | 3.43 | 9.24 | 0.86 | 224.00 | 0.24 | 152.22 | 52.80 | 20.24 | 1.14 | 0.29 | 18.54 | 1.96 |
| INAC063 | 24 | 28 | 1423.61 | 1820.80 | 691.90 | 1732.81 | 87.99 | 258.29 | 321.37 | 1128.90 | 11.14 | 4.38 | 5.42 | 17.29 | 1.60 | 313.14 | 0.47 | 198.29 | 64.89 | 27.60 | 2.16 | 0.51 | 41.27 | 3.73 |
| INAC063 | 28 | 32 | 528.43 | 688.28 | 359.07 | 618.90 | 69.38 | 141.52 | 152.47 | 329.21 | 7.14 | 3.98 | 2.43 | 10.36 | 1.17 | 155.98 | 0.50 | 91.56 | 29.97 | 12.18 | 1.27 | 0.49 | 39.11 | 2.93 |
| INAC063 | 32 | 34 | 532.73 | 667.90 | 312.89 | 594.32 | 73.57 | 130.62 | 127.91 | 355.01 | 6.86 | 3.92 | 2.67 | 8.52 | 1.35 | 127.84 | 0.55 | 75.47 | 24.65 | 11.36 | 1.05 | 0.55 | 44.57 | 3.53 |
| INAC064 | 12 | 16 | 196.50 | 280.43 | 189.29 | 248.07 | 32.36 | 67.50 | 75.24 | 91.15 | 3.87 | 2.01 | 1.57 | 4.91 | 0.72 | 91.13 | 0.26 | 45.14 | 14.32 | 6.34 | 0.66 | 0.18 | 16.25 | 1.91 |
| INAC064 | 16 | 20 | 188.20 | 282.99 | 168.87 | 252.36 | 30.63 | 69.54 | 79.12 | 114.12 | 3.50 | 1.62 | 1.56 | 4.29 | 0.61 | 67.55 | 0.25 | 47.71 | 14.86 | 8.12 | 0.65 | 0.26 | 16.13 | 1.76 |
| INAC064 | 20 | 24 | 584.72 | 682.79 | 276.19 | 624.34 | 58.45 | 119.71 | 133.57 | 406.60 | 7.48 | 3.18 | 3.10 | 8.38 | 1.16 | 101.21 | 0.51 | 78.62 | 24.29 | 13.63 | 1.18 | 0.49 | 29.33 | 3.63 |
| INAC064 | 24 | 28 | 867.10 | 1166.16 | 567.93 | 1070.28 | 95.88 | 217.58 | 247.50 | 598.23 | 10.39 | 4.61 | 5.31 | 16.42 | 1.71 | 253.32 | 0.58 | 149.88 | 46.52 | 22.32 | 1.96 | 0.70 | 50.03 | 4.17 |
| INAC064 | 28 | 32 | 530.10 | 1351.58 | 356.58 | 1252.90 | 98.68 | 159.07 | 152.88 | 995.00 | 10.88 | 6.19 | 3.58 | 12.33 | 2.04 | 130.18 | 0.75 | 88.18 | 24.29 | 15.25 | 1.95 | 0.91 | 54.48 | 5.57 |
| INAC064 | 32 | 36 | 191.95 | 251.79 | 144.18 | 218.29 | 33.50 | 59.35 | 57.04 | 107.61 | 2.86 | 1.74 | 0.78 | 3.92 | 0.57 | 60.99 | 0.20 | 33.94 | 10.19 | 5.57 | 0.56 | 0.24 | 21.21 | 1.42 |
| INAC064 | 36 | 38 | 210.67 | 304.01 | 182.03 | 255.40 | 48.61 | 78.78 | 71.32 | 121.98 | 4.17 | 2.20 | 1.41 | 5.77 | 0.82 | 72.83 | 0.31 | 41.17 | 12.75 | 6.67 | 0.79 | 0.19 | 31.24 | 1.71 |
| INAC068 | 0 | 4 | 462.28 | 606.17 | 317.50 | 564.39 | 41.79 | 109.46 | 129.55 | 288.67 | 4.50 | 2.04 | 1.90 | 6.88 | 0.77 | 158.33 | 0.26 | 79.67 | 26.46 | 11.26 | 0.79 | 0.25 | 22.60 | 1.80 |
| INAC068 | 4 | 8 | 1462.05 | 2092.31 | 1156.27 | 1916.51 | 175.80 | 461.49 | 541.33 | 936.04 | 19.34 | 8.68 | 8.19 | 30.31 | 3.44 | 492.58 | 0.89 | 337.09 | 104.88 | 45.92 | 3.79 | 1.14 | 93.08 | 6.95 |
| INAC068 | 8 | 12 | 1437.87 | 2053.71 | 1235.60 | 1731.50 | 322.22 | 573.06 | 549.04 | 818.11 | 29.61 | 17.04 | 9.46 | 39.42 | 5.92 | 438.63 | 1.88 | 331.26 | 96.30 | 47.20 | 5.26 | 2.22 | 197.47 | 13.95 |
| INAC068 | 12 | 16 | 543.81 | 705.89 | 396.33 | 638.93 | 66.96 | 156.65 | 172.55 | 309.56 | 6.60 | 3.30 | 2.27 | 10.18 | 1.21 | 174.75 | 0.40 | 107.89 | 33.11 | 13.63 | 1.15 | 0.46 | 38.73 | 2.65 |
| INAC083 | 20 | 24 | 1935.22 | 2822.29 | 1421.92 | 2732.37 | 89.92 | 404.48 | 529.28 | 1400.38 | 7.83 | 3.33 | 3.10 | 18.04 | 1.31 | 830.34 | 0.57 | 341.76 | 126.27 | 33.63 | 1.76 | 0.46 | 50.03 | 3.50 |
| INAC083 | 24 | 28 | 1533.91 | 1989.72 | 1020.52 | 1897.71 | 92.01 | 326.40 | 408.63 | 969.21 | 8.79 | 3.56 | 3.77 | 17.12 | 1.55 | 547.70 | 0.35 | 260.11 | 91.71 | 28.99 | 1.92 | 0.38 | 51.81 | 2.77 |
| INAC083 | 28 | 32 | 1166.99 | 1642.68 | 874.93 | 1533.68 | 109.00 | 305.23 | 357.92 | 767.75 | 10.07 | 4.53 | 4.04 | 17.29 | 1.72 | 437.45 | 0.52 | 224.53 | 76.00 | 27.95 | 2.08 | 0.50 | 64.51 | 3.73 |
| INAC083 | 32 | 36 | 1092.89 | 1480.40 | 759.33 | 1394.41 | 85.99 | 263.74 | 321.96 | 721.07 | 8.56 | 4.00 | 3.67 | 14.81 | 1.49 | 376.47 | 0.39 | 201.79 | 68.99 | 26.09 | 1.72 | 0.59 | 48.00 | 2.76 |
| INAC083 | 36 | 40 | 895.87 | 1233.22 | 641.13 | 1156.00 | 77.22 | 222.66 | 260.46 | 592.09 | 7.57 | 3.50 | 2.40 | 11.32 | 1.29 | 323.69 | 0.45 | 165.63 | 55.46 | 19.13 | 1.34 | 0.56 | 45.72 | 3.06 |
| INAC089 | 20 | 24 | 532.84 | 924.92 | 679.86 | 819.66 | 105.27 | 274.77 | 335.85 | 245.07 | 12.91 | 5.77 | 5.73 | 20.17 | 2.22 | 274.44 | 0.75 | 204.12 | 63.80 | 32.24 | 2.61 | 0.75 | 49.40 | 4.94 |
| INAC089 | 24 | 28 | 949.56 | 1434.76 | 842.67 | 1169.34 | 265.42 | 405.53 | 363.43 | 592.09 | 25.59 | 14.92 | 6.99 | 29.28 | 5.22 | 273.26 | 1.82 | 206.45 | 60.78 | 36.76 | 4.58 | 2.12 | 161.91 | 12.98 |
| INAC089 | 28 | 32 | 642.30 | 940.78 | 669.31 | 696.48 | 244.31 | 330.19 | 270.54 | 271.48 | 24.22 | 13.72 | 6.32 | 27.20 | 4.85 | 209.93 | 1.61 | 146.38 | 41.20 | 27.48 | 4.06 | 1.92 | 149.21 | 11.19 |
| INAC089 | 32 | 33 | 744.44 | 1083.55 | 988.71 | 491.72 | 591.83 | 617.55 | 270.03 | 94.83 | 40.63 | 28.13 | 6.18 | 38.73 | 9.68 | 212.28 | 2.80 | 126.55 | 33.47 | 24.58 | 6.07 | 3.45 | 438.12 | 18.05 |
| INAC090 | 8 | 12 | 705.16 | 966.92 | 534.52 | 887.40 | 79.52 | 199.07 | 236.01 | 432.40 | 9.41 | 3.88 | 3.87 | 13.77 | 1.60 | 243.94 | 0.41 | 142.88 | 45.79 | 22.38 | 1.76 | 0.54 | 41.14 | 3.13 |
| INAC090 | 12 | 16 | 878.62 | 1074.65 | 606.63 | 969.35 | 105.30 | 239.80 | 275.91 | 468.02 | 12.28 | 5.49 | 4.46 | 17.92 | 2.13 | 258.02 | 0.60 | 165.05 | 51.59 | 26.67 | 2.40 | 0.66 | 55.62 | 3.73 |
| INAC090 | 16 | 20 | 818.27 | 1149.74 | 680.49 | 1036.29 | 113.45 | 269.41 | 308.95 | 469.25 | 12.05 | 5.53 | 4.74 | 19.59 | 2.13 | 292.03 | 0.57 | 188.37 | 58.12 | 28.53 | 2.28 | 0.75 | 61.97 | 3.83 |
| INAC090 | 20 | 24 | 1171.42 | 1744.55 | 1002.60 | 1519.34 | 225.21 | 434.65 | 452.30 | 741.95 | 23.53 | 10.78 | 7.54 | 33.89 | 4.28 | 387.02 | 1.10 | 268.27 | 80.23 | 41.86 | 4.52 | 1.38 | 130.80 | 7.39 |
| INAC090 | 24 | 27 | 1484.06 | 2114.85 | 1223.03 | 1781.40 | 333.45 | 564.59 | 514.02 | 891.82 | 29.61 | 16.24 | 8.86 | 37.46 | 6.07 | 448.01 | 1.80 | 306.76 | 87.96 | 46.85 | 5.38 | 2.22 | 213.98 | 11.84 |
| INAC094 | 8 | 12 | 359.25 | 876.61 | 575.65 | 650.72 | 225.89 | 326.34 | 323.04 | 300.96 | 22.32 | 9.59 | 0.44 | 35.04 | 3.40 | 88.55 | 1.82 | 163.88 | 38.67 | 58.68 | 4.46 | 1.55 | 135.24 | 12.01 |
| INAC102 | 16 | 20 | 451.52 | 582.12 | 292.21 | 568.38 | 13.74 | 68.55 | 93.99 | 289.90 | 1.74 | 0.64 | 1.20 | 2.80 | 0.26 | 189.41 | 0.09 | 59.25 | 23.08 | 6.74 | 0.38 | 0.08 | 5.97 | 0.57 |
| INAC102 | 20 | 24 | 304.49 | 388.94 | 193.62 | 373.35 | 15.59 | 56.60 | 73.65 | 195.32 | 1.49 | 0.70 | 1.01 | 2.92 | 0.26 | 109.19 | 0.08 | 45.96 | 16.86 | 6.03 | 0.40 | 0.16 | 7.75 | 0.83 |
| INAC102 | 24 | 28 | 271.39 | 392.42 | 191.58 | 375.00 | 17.43 | 65.18 | 84.38 | 200.84 | 1.97 | 0.69 | 1.38 | 3.43 | 0.30 | 95.58 | 0.11 | 53.30 | 18.06 | 7.20 | 0.40 | 0.32 | 8.13 | 0.69 |
| INAC102 | 28 | 32 | 523.00 | 707.06 | 372.94 | 674.81 | 32.25 | 129.03 | 167.14 | 334.12 | 4.06 | 1.37 | 2.83 | 6.86 | 0.60 | 185.30 | 0.17 | 106.96 | 34.80 | 13.63 | 0.84 | 0.23 | 14.35 | 0.96 |
| INAC102 | 32 | 36 | 601.27 | 826.65 | 444.62 | 784.55 | 42.10 | 167.50 | 218.31 | 382.03 | 5.64 | 1.90 | 4.19 | 10.10 | 0.82 | 201.14 | 0.13 | 139.97 | 42.05 | 19.37 | 1.20 | 0.25 | 16.51 | 1.37 |
| INAC102 | 36 | 40 | 298.54 | 491.65 | 272.38 | 459.65 | 32.00 | 108.69 | 137.24 | 219.27 | 3.47 | 1.48 | 2.59 | 6.51 | 0.62 | 113.88 | 0.17 | 86.90 | 27.55 | 12.06 | 0.75 | 0.15 | 14.98 | 1.28 |
| INAC102 | 40 | 44 | 350.48 | 514.94 | 248.38 | 478.26 | 36.69 | 99.77 | 117.48 | 266.56 | 3.91 | 1.65 | 2.30 | 5.87 | 0.68 | 104.73 | 0.23 | 73.25 | 23.38 | 10.33 | 0.74 | 0.15 | 19.56 | 1.61 |
| INAC102 | 44 | 48 | 957.64 | 1513.70 | 694.36 | 1408.86 | 104.84 | 294.99 | 356.07 | 819.34 | 11.88 | 5.02 | 7.14 | 19.48 | 2.10 | 267.40 | 0.56 | 222.20 | 68.15 | 31.77 | 2.59 | 0.62 | 51.18 | 4.28 |
| INAC102 | 48 | 52 | 767.69 | 1088.25 | 643.57 | 977.35 | 110.90 | 272.79 | 312.53 | 444.68 | 12.62 | 5.16 | 6.60 | 19.19 | 2.25 | 254.50 | 0.51 | 193.62 | 58.00 | 26.55 | 2.54 | 0.80 | 57.40 | 3.83 |
| INAC102 | 52 | 56 | 248.93 | 393.46 | 284.87 | 306.08 | 87.39 | 136.09 | 126.90 | 108.59 | 8.62 | 4.63 | 3.14 | 11.87 | 1.64 | 92.77 | 0.53 | 71.97 | 19.94 | 12.81 | 1.69 | 0.59 | 50.67 | 4.00 |

| Hole_ID | From | To | Partial TREO * (MS61 Ce+La+Y) | TREO | TREO-Ce | LREO | HREO | CREO | MREO | CeO2 | Dy2O3 | Er2O3 | Eu2O3 | Gd2O3 | Ho2O3 | La2O3 | Lu2O3 | Nd2O3 | Pr6O11 | Sm2O3 | Tb4O7 | Tm2O3 | Y2O3 | Yb2O3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INAC103 | 20 | 24 | 614.57 | 846.27 | 517.05 | 780.03 | 66.24 | 186.01 | 228.40 | 329.21 | 7.98 | 3.28 | 3.62 | 11.93 | 1.32 | 243.94 | 0.31 | 139.38 | 47.49 | 20.00 | 1.62 | 0.37 | 33.40 | 2.41 |
| INAC103 | 24 | 26 | 393.39 | 566.59 | 349.78 | 516.83 | 49.76 | 125.47 | 149.27 | 216.81 | 5.37 | 2.37 | 2.70 | 8.75 | 0.92 | 165.95 | 0.23 | 90.16 | 30.57 | 13.34 | 1.08 | 0.30 | 26.16 | 1.89 |
| INAC105 | 8 | 12 | 1164.06 | 1247.38 | 380.13 | 1130.92 | 116.45 | 168.67 | 148.73 | 867.25 | 14.35 | 7.44 | 3.20 | 11.81 | 2.31 | 143.08 | 0.99 | 82.23 | 23.92 | 14.44 | 1.98 | 1.04 | 66.92 | 6.41 |
| INAC105 | 12 | 16 | 1128.75 | 1418.94 | 482.90 | 1283.37 | 135.57 | 219.29 | 205.67 | 936.04 | 15.15 | 8.92 | 3.72 | 14.35 | 2.83 | 173.57 | 1.49 | 121.31 | 34.07 | 18.38 | 2.41 | 1.26 | 76.70 | 8.75 |
| INAC105 | 16 | 20 | 477.21 | 784.69 | 482.51 | 725.27 | 59.42 | 185.68 | 219.64 | 302.19 | 5.86 | 2.79 | 2.73 | 9.87 | 1.02 | 220.49 | 0.31 | 142.88 | 41.69 | 18.03 | 1.31 | 0.40 | 32.89 | 2.24 |
| INAC111 | 4 | 9 | 1586.14 | 1960.88 | 677.21 | 1804.43 | 156.45 | 301.72 | 306.02 | 1283.68 | 17.10 | 9.29 | 5.88 | 18.73 | 3.13 | 253.32 | 1.27 | 187.21 | 51.23 | 28.99 | 2.76 | 1.30 | 88.77 | 8.22 |
| INAC123 | 32 | 36 | 580.28 | 653.63 | 361.27 | 624.85 | 28.78 | 98.08 | 128.51 | 292.36 | 3.68 | 1.20 | 1.78 | 5.62 | 0.64 | 214.04 | 0.22 | 78.15 | 30.09 | 10.22 | 0.75 | 0.17 | 13.71 | 0.99 |
| INAC123 | 36 | 40 | 773.01 | 946.95 | 514.55 | 903.18 | 43.77 | 146.70 | 184.69 | 432.40 | 4.87 | 2.29 | 2.45 | 7.20 | 0.82 | 299.06 | 0.24 | 115.36 | 43.26 | 13.10 | 0.91 | 0.31 | 23.11 | 1.57 |
| INAC123 | 40 | 44 | 847.91 | 1035.79 | 613.22 | 981.25 | 54.54 | 191.77 | 243.36 | 422.57 | 6.46 | 2.73 | 3.23 | 10.02 | 1.03 | 333.08 | 0.25 | 153.38 | 54.25 | 17.97 | 1.27 | 0.32 | 27.43 | 1.80 |
| INAC123 | 44 | 48 | 788.46 | 1028.16 | 346.40 | 987.89 | 40.27 | 118.90 | 148.29 | 681.76 | 4.57 | 2.12 | 2.42 | 7.31 | 0.82 | 170.64 | 0.33 | 91.68 | 31.05 | 12.76 | 0.93 | 0.29 | 19.30 | 2.19 |
| INAC123 | 48 | 53 | 582.45 | 754.59 | 349.22 | 648.23 | 106.35 | 166.85 | 161.56 | 405.37 | 11.88 | 6.61 | 3.97 | 13.14 | 2.34 | 108.37 | 1.10 | 91.68 | 26.58 | 16.23 | 2.05 | 0.93 | 57.27 | 7.07 |
| INAC149 | 24 | 28 | 499.34 | 769.38 | 420.52 | 722.28 | 47.10 | 152.12 | 187.72 | 348.87 | 5.53 | 2.29 | 2.59 | 8.09 | 0.87 | 200.55 | 0.25 | 118.39 | 38.30 | 16.18 | 1.22 | 0.25 | 24.38 | 1.62 |
| INAC149 | 28 | 32 | 572.91 | 864.15 | 483.34 | 817.01 | 47.13 | 168.25 | 212.94 | 380.80 | 4.91 | 1.88 | 2.94 | 9.84 | 0.88 | 239.25 | 0.15 | 135.30 | 43.74 | 17.92 | 1.22 | 0.21 | 23.87 | 1.23 |
| INAC152 | 40 | 44 | 542.83 | 738.82 | 381.35 | 694.57 | 44.25 | 136.30 | 172.36 | 357.46 | 5.64 | 2.77 | 3.08 | 7.93 | 0.95 | 179.44 | 0.40 | 107.66 | 35.16 | 14.84 | 1.13 | 0.57 | 18.79 | 2.99 |
| INAC152 | 44 | 48 | 421.28 | 646.75 | 412.12 | 603.16 | 43.58 | 140.92 | 177.35 | 234.62 | 5.04 | 2.39 | 3.83 | 8.59 | 0.93 | 205.83 | 0.31 | 111.86 | 36.13 | 14.73 | 1.01 | 0.35 | 19.18 | 1.96 |
| INAC155 | 24 | 28 | 83.48 | 951.52 | 686.19 | 872.33 | 79.19 | 266.84 | 349.53 | 265.33 | 11.35 | 4.67 | 6.91 | 16.31 | 1.78 | 287.34 | 0.80 | 217.53 | 68.15 | 33.98 | 2.21 | 0.71 | 28.83 | 5.64 |
| INAC155 | 28 | 32 | 99.77 | 460.74 | 374.75 | 397.95 | 62.79 | 146.23 | 174.16 | 85.99 | 7.94 | 3.99 | 3.74 | 10.50 | 1.42 | 157.74 | 0.68 | 104.98 | 32.02 | 17.22 | 1.51 | 0.65 | 28.06 | 4.29 |
| INAC181 | 24 | 27 | 1088.43 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC184 | 4 | 8 | 364.37 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC184 | 8 | 13 | 355.43 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC185 | 12 | 16 | 282.85 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC185 | 16 | 20 | 262.77 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC185 | 20 | 24 | 695.85 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC185 | 24 | 28 | 732.18 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC185 | 28 | 32 | 331.11 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC186 | 32 | 36 | 827.00 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC186 | 36 | 40 | 282.77 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC187 | 8 | 13 | 506.60 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC189 | 16 | 20 | 533.65 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC189 | 20 | 24 | 333.33 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC189 | 24 | 28 | 288.60 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC189 | 28 | 32 | 468.42 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC190 | 24 | 28 | 465.85 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC191 | 24 | 26 | 1627.82 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC192 | 56 | 60 | 285.91 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC192 | 60 | 64 | 402.12 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC192 | 64 | 68 | 325.32 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC193 | 36 | 40 | 549.08 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC194 | 28 | 32 | 1365.77 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC195 | 64 | 68 | 257.94 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC195 | 68 | 72 | 713.64 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC195 | 72 | 76 | 403.64 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC196 | 56 | 60 | 358.39 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC196 | 60 | 64 | 471.83 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC197 | 40 | 44 | 541.47 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC198 | 36 | 40 | 603.22 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC198 | 76 | 80 | 951.87 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC199 | 64 | 68 | 409.67 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC199 | 68 | 72 | 254.14 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |

| Hole_ID | From | To | Partial TREO * (MS61 Ce+La+Y) | TREO | TREO-Ce | LREO | HREO | CREO | MREO | CeO2 | Dy2O3 | Er2O3 | Eu2O3 | Gd2O3 | Ho2O3 | La2O3 | Lu2O3 | Nd2O3 | Pr6O11 | Sm2O3 | Tb4O7 | Tm2O3 | Y2O3 | Yb2O3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INAC232 | 40 | 44 | 890.94 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC233 | 52 | 54 | 1752.64 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC234 | 64 | 68 | 1017.82 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC234 | 68 | 72 | 1335.61 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC234 | 72 | 76 | 781.81 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC234 | 76 | 79 | 949.24 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC235 | 52 | 56 | 929.15 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC235 | 56 | 60 | 980.31 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC235 | 60 | 64 | 404.25 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 68 | 72 | 354.15 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 72 | 76 | 548.17 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 76 | 80 | 482.43 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 80 | 84 | 231.71 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 84 | 88 | 475.43 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 88 | 92 | 399.73 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 92 | 96 | 562.46 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC236 | 96 | 100 | 293.00 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC239 | 44 | 48 | 433.66 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC239 | 48 | 52 | 787.11 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC239 | 52 | 56 | 477.85 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC240 | 28 | 32 | 319.63 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC240 | 32 | 36 | 494.38 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC240 | 36 | 38 | 311.54 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 16 | 20 | 376.92 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 20 | 24 | 1553.19 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 24 | 28 | 942.92 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 28 | 32 | 727.04 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 32 | 36 | 897.60 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 36 | 40 | 300.89 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 40 | 44 | 558.99 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC242 | 44 | 49 | 309.04 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC245 | 56 | 60 | 275.77 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC245 | 60 | 64 | 434.21 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC245 | 64 | 68 | 257.84 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 36 | 40 | 264.98 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 40 | 44 | 278.73 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 44 | 48 | 450.20 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 48 | 52 | 3940.59 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 52 | 56 | 1297.10 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC246 | 56 | 60 | 2380.83 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 32 | 36 | 362.32 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 36 | 40 | 868.75 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 40 | 44 | 1633.37 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 44 | 48 | 3186.33 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 48 | 52 | 3885.60 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 52 | 56 | 1656.94 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 56 | 60 | 939.64 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC247 | 60 | 63 | 862.40 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC251 | 16 | 20 | 336.62 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC251 | 20 | 23 | 614.28 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC253 | 32 | 36 | 789.68 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC253 | 36 | 40 | 1354.11 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |

| Hole_ID | From | To | Partial TREO * (MS61 Ce+La+Y) | TREO | TREO-Ce | LREO | HREO | CREO | MREO | CeO2 | Dy2O3 | Er2O3 | Eu2O3 | Gd2O3 | Ho2O3 | La2O3 | Lu2O3 | Nd2O3 | Pr6O11 | Sm2O3 | Tb4O7 | Tm2O3 | Y2O3 | Yb2O3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INAC253 | 40 | 44 | 655.32 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC255 | 28 | 32 | 435.10 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC255 | 32 | 36 | 256.48 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC255 | 36 | 40 | 1787.45 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC255 | 40 | 44 | 1280.55 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC255 | 44 | 49 | 863.12 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC259 | 16 | 20 | 741.46 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC259 | 20 | 24 | 681.80 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC260 | 36 | 40 | 302.53 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC260 | 40 | 44 | 1099.78 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC260 | 44 | 48 | 801.71 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC261 | 40 | 44 | 549.50 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC261 | 44 | 48 | 367.76 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC261 | 48 | 52 | 185.66 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC261 | 52 | 55 | 1131.79 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 40 | 44 | 379.03 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 44 | 48 | 596.39 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 48 | 52 | 564.83 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 52 | 56 | 741.10 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 56 | 60 | 736.69 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 60 | 64 | 574.97 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 64 | 68 | 429.46 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC262 | 68 | 71 | 1071.96 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INAC272 | 28 | 32 | 907.09 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC011 | 12 | 16 | 954.70 | 1401.60 | 692.81 | 1274.95 | 126.65 | 294.74 | 322.71 | 708.79 | 13.14 | 6.71 | 5.25 | 17.98 | 2.38 | 276.78 | 1.01 | 203.54 | 58.36 | 27.48 | 2.21 | 0.94 | 70.61 | 6.42 |
| INRC011 | 16 | 20 | 1018.45 | 1609.18 | 756.67 | 1488.45 | 120.74 | 298.77 | 344.57 | 852.51 | 13.14 | 6.60 | 5.64 | 17.92 | 2.37 | 324.87 | 0.84 | 212.28 | 68.75 | 30.03 | 2.43 | 0.88 | 65.27 | 5.64 |
| INRC012 | 32 | 36 | 1098.17 | 1537.33 | 873.99 | 1456.74 | 80.59 | 279.54 | 358.16 | 663.34 | 9.24 | 3.52 | 2.94 | 16.83 | 1.55 | 463.26 | 0.41 | 224.53 | 77.09 | 28.53 | 1.94 | 0.40 | 40.89 | 2.87 |
| INRC012 | 36 | 40 | 1250.42 | 2284.36 | 1234.08 | 2165.58 | 118.78 | 421.28 | 529.91 | 1050.28 | 12.34 | 5.52 | 5.69 | 21.44 | 2.05 | 621.58 | 0.58 | 337.09 | 114.18 | 42.44 | 2.42 | 0.71 | 63.75 | 4.28 |
| INRC012 | 40 | 44 | 1352.02 | 2397.53 | 1440.61 | 2178.02 | 219.51 | 524.85 | 583.02 | 956.92 | 21.58 | 10.76 | 6.70 | 32.16 | 3.89 | 695.47 | 1.15 | 362.75 | 116.84 | 46.04 | 3.66 | 1.34 | 130.16 | 8.11 |
| INRC012 | 44 | 48 | 1170.89 | 2017.72 | 1036.23 | 1908.40 | 109.32 | 344.75 | 410.57 | 981.49 | 8.92 | 4.60 | 3.35 | 16.02 | 1.68 | 543.01 | 0.55 | 262.44 | 90.50 | 30.96 | 1.73 | 0.63 | 68.32 | 3.53 |
| INRC013 | 32 | 36 | 1115.25 | 3314.34 | 968.10 | 3239.70 | 74.64 | 313.14 | 398.55 | 2346.24 | 8.88 | 4.14 | 2.54 | 14.06 | 1.47 | 519.55 | 0.44 | 262.44 | 84.22 | 27.25 | 1.69 | 0.56 | 37.59 | 3.27 |
| INRC013 | 36 | 40 | 1245.90 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC013 | 40 | 44 | 688.77 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC013 | 44 | 48 | 1014.21 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC013 | 48 | 52 | 583.03 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC013 | 52 | 56 | 504.71 | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** | ** |
| INRC013 | 80 | 84 | 1033.73 | 1534.33 | 782.55 | 1463.15 | 71.18 | 273.18 | 338.13 | 751.78 | 7.85 | 3.34 | 3.37 | 12.68 | 1.21 | 395.23 | 0.47 | 222.78 | 69.24 | 24.12 | 1.46 | 0.49 | 37.72 | 2.60 |
| INRC013 | 84 | 88 | 1087.83 | 1736.14 | 887.31 | 1646.14 | 90.00 | 315.58 | 384.02 | 848.82 | 9.79 | 4.22 | 3.83 | 14.81 | 1.60 | 439.80 | 0.42 | 250.78 | 79.02 | 27.71 | 1.91 | 0.61 | 49.27 | 3.54 |
| INRC013 | 88 | 92 | 1071.15 | 1723.62 | 876.03 | 1640.19 | 83.43 | 303.14 | 372.28 | 847.60 | 8.38 | 4.08 | 3.66 | 14.06 | 1.51 | 444.49 | 0.53 | 243.78 | 76.73 | 27.60 | 1.74 | 0.58 | 45.59 | 3.29 |
| INRC021 | 40 | 44 | 1156.33 | 1986.67 | 1115.73 | 1781.31 | 205.36 | 479.67 | 526.00 | 870.94 | 21.18 | 9.56 | 4.19 | 32.62 | 3.65 | 442.15 | 0.85 | 328.92 | 92.92 | 46.38 | 3.98 | 1.24 | 121.40 | 6.68 |
| INRC021 | 84 | 88 | 949.82 | 1237.03 | 660.91 | 1149.66 | 87.37 | 271.50 | 323.70 | 576.12 | 9.41 | 4.29 | 1.55 | 15.50 | 1.56 | 276.78 | 0.38 | 209.37 | 59.33 | 28.06 | 2.02 | 0.55 | 49.15 | 2.97 |

* Based on Ce, La and Y assays from ALS ICP MS-61 method.

** Full REE suite (MS-81) assays pending.

Partial TREO (Total Rare Earth Oxide)= La2O3 + Ce2O3+ Y2O3

TREO (Total Rare Earth Oxide) = La2O3 + Ce2O3 + Pr2O3 + Nd2O3 + Sm2O3 + Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Y2O3 + Lu2O3.

TREO-Ce = TREO – Ce2O3

| | |
|---|---|
| light | LREO (Light Rare Earth Oxide) = La2O3 + Ce2O3 + Pr2O3 + Nd2O3 + Sm2O3 |
| heavy | HREO (Heavy Rare Earth Oxide) = Eu2O3 + Gd2O3 + Tb2O3 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Y2O3 + Lu2O3 |
| **Critical** | **•CREO (Critical Rare Earth Oxide) = Nd2O3 + Eu2O3 + Tb2O3 + Dy2O3 + Y2O3** |
| ***Magnetic*** | ***MREO (Magnetic Rare Earth Oxide) = Pr2O3 + Nd2O3 + Sm2O3 + Gd2O3 + Tb2O3 + Dy2O3.*** |

*Table 3 All Drill hole locations from which significant intercepts have been taken for the current release*

| Hole ID | East | North | Azimuth | Dip | Depth | Project |
|---|---|---|---|---|---|---|
| INAC049 | 461209 | 7160607 | 90 | -60 | 38 | Innouendy |
| INAC050 | 461102 | 7160601 | 90 | -60 | 40 | Innouendy |
| INAC051 | 461004 | 7160602 | 90 | -60 | 41 | Innouendy |
| INAC052 | 460898 | 7160595 | 90 | -60 | 45 | Innouendy |
| INAC053 | 460796 | 7160601 | 90 | -60 | 32 | Innouendy |
| INAC054 | 460698 | 7160600 | 90 | -60 | 33 | Innouendy |
| INAC055 | 460599 | 7160598 | 90 | -60 | 26 | Innouendy |
| INAC056 | 460500 | 7160600 | 90 | -60 | 48 | Innouendy |
| INAC057 | 460401 | 7160600 | 90 | -60 | 18 | Innouendy |
| INAC058 | 460301 | 7160596 | 90 | -60 | 11 | Innouendy |
| INAC059 | 460196 | 7160598 | 90 | -60 | 25 | Innouendy |
| INAC060 | 460098 | 7160600 | 90 | -60 | 8 | Innouendy |
| INAC061 | 459999 | 7160603 | 90 | -60 | 2 | Innouendy |
| INAC062 | 459901 | 7160603 | 90 | -60 | 7 | Innouendy |
| INAC063 | 459792 | 7160606 | 90 | -60 | 34 | Innouendy |
| INAC064 | 459704 | 7160606 | 90 | -60 | 38 | Innouendy |
| INAC065 | 459610 | 7160594 | 90 | -60 | 28 | Innouendy |
| INAC066 | 459501 | 7160602 | 90 | -60 | 7 | Innouendy |
| INAC067 | 459403 | 7160600 | 90 | -60 | 17 | Innouendy |

| | | | | | | |
|---|---|---|---|---|---|---|
| INAC068 | 459302 | 7160608 | 90 | -60 | 16 | Innouendy |
| INAC069 | 459207 | 7160598 | 90 | -60 | 52 | Innouendy |
| INAC083 | 460502 | 7160303 | 90 | -60 | 76 | Innouendy |
| INAC084 | 460448 | 7160301 | 90 | -60 | 45 | Innouendy |
| INAC085 | 460400 | 7160302 | 90 | -60 | 72 | Innouendy |
| INAC086 | 460349 | 7160301 | 90 | -60 | 34 | Innouendy |
| INAC087 | 460297 | 7160300 | 90 | -60 | 34 | Innouendy |
| INAC088 | 460248 | 7160299 | 90 | -60 | 37 | Innouendy |
| INAC089 | 460396 | 7160198 | 90 | -60 | 33 | Innouendy |
| INAC090 | 460347 | 7160198 | 90 | -60 | 27 | Innouendy |
| INAC091 | 460294 | 7160198 | 90 | -60 | 26 | Innouendy |
| INAC092 | 460248 | 7160200 | 90 | -60 | 38 | Innouendy |
| INAC093 | 460198 | 7160200 | 90 | -60 | 55 | Innouendy |
| INAC094 | 460149 | 7160205 | 90 | -60 | 18 | Innouendy |
| INAC095 | 460044 | 7160200 | 90 | -60 | 7 | Innouendy |
| INAC096 | 459946 | 7160197 | 90 | -60 | 16 | Innouendy |
| INAC097 | 459841 | 7160201 | 90 | -60 | 35 | Innouendy |
| INAC098 | 459744 | 7160201 | 90 | -60 | 33 | Innouendy |
| INAC099 | 459645 | 7160202 | 90 | -60 | 25 | Innouendy |
| INAC100 | 459545 | 7160200 | 90 | -60 | 20 | Innouendy |
| INAC101 | 459450 | 7160196 | 90 | -60 | 45 | Innouendy |
| INAC102 | 459346 | 7160200 | 90 | -60 | 60 | Innouendy |
| INAC103 | 460599 | 7160100 | 90 | -60 | 26 | Innouendy |
| INAC104 | 460551 | 7160098 | 90 | -60 | 16 | Innouendy |
| INAC105 | 460500 | 7160098 | 90 | -60 | 27 | Innouendy |
| INAC106 | 460449 | 7160099 | 90 | -60 | 7 | Innouendy |
| INAC107 | 460400 | 7160100 | 90 | -60 | 7 | Innouendy |
| INAC108 | 460349 | 7160099 | 90 | -60 | 7 | Innouendy |
| INAC109 | 460300 | 7160106 | 90 | -60 | 9 | Innouendy |

| | | | | | | |
|---|---|---|---|---|---|---|
| INAC110 | 460247 | 7160098 | 90 | -60 | 7 | Innouendy |
| INAC111 | 460200 | 7160106 | 90 | -60 | 10 | Innouendy |
| INAC112 | 460153 | 7160104 | 90 | -60 | 18 | Innouendy |
| INAC113 | 461450 | 7160200 | 90 | -60 | 9 | Innouendy |
| INAC114 | 461404 | 7160202 | 90 | -60 | 11 | Innouendy |
| INAC115 | 461352 | 7160202 | 90 | -60 | 11 | Innouendy |
| INAC116 | 461306 | 7160204 | 90 | -60 | 10 | Innouendy |
| INAC117 | 461255 | 7160200 | 90 | -60 | 17 | Innouendy |
| INAC118 | 461205 | 7160203 | 90 | -60 | 29 | Innouendy |
| INAC119 | 461156 | 7160200 | 90 | -60 | 52 | Innouendy |
| INAC120 | 461102 | 7160188 | 90 | -60 | 55 | Innouendy |
| INAC121 | 461550 | 7160003 | 90 | -60 | 22 | Innouendy |
| INAC122 | 461500 | 7160001 | 90 | -60 | 34 | Innouendy |
| INAC123 | 461446 | 7160000 | 90 | -60 | 53 | Innouendy |
| INAC124 | 461403 | 7160000 | 90 | -60 | 39 | Innouendy |
| INAC125 | 461351 | 7160003 | 90 | -60 | 30 | Innouendy |
| INAC126 | 461302 | 7160003 | 90 | -60 | 12 | Innouendy |
| INAC127 | 461253 | 7160006 | 90 | -60 | 20 | Innouendy |
| INAC128 | 461204 | 7160005 | 90 | -60 | 33 | Innouendy |
| INAC129 | 461152 | 7160005 | 90 | -60 | 40 | Innouendy |
| INAC143 | 460449 | 7159999 | 90 | -60 | 19 | Innouendy |
| INAC144 | 460392 | 7160003 | 90 | -60 | 7 | Innouendy |
| INAC145 | 460346 | 7159998 | 90 | -60 | 6 | Innouendy |
| INAC146 | 460302 | 7160009 | 90 | -60 | 12 | Innouendy |
| INAC147 | 460250 | 7160003 | 90 | -60 | 24 | Innouendy |
| INAC148 | 460201 | 7160004 | 90 | -60 | 38 | Innouendy |
| INAC149 | 460149 | 7160001 | 90 | -60 | 35 | Innouendy |
| INAC150 | 460100 | 7160001 | 90 | -60 | 26 | Innouendy |
| INAC151 | 461403 | 7159799 | 90 | -60 | 65 | Innouendy |

| | | | | | | |
|---|---|---|---|---|---|---|
| INAC152 | 461350 | 7159800 | 90 | -60 | 60 | Innouendy |
| INAC153 | 461304 | 7159800 | 90 | -60 | 60 | Innouendy |
| INAC154 | 461255 | 7159801 | 90 | -60 | 81 | Innouendy |
| INAC155 | 461198 | 7159800 | 90 | -60 | 58 | Innouendy |
| INAC156 | 461145 | 7159803 | 90 | -60 | 67 | Innouendy |
| INAC180 | 467503 | 7167998 | 360 | -90 | 30 | Innouendy |
| INAC181 | 467579 | 7167901 | 360 | -90 | 27 | Innouendy |
| INAC182 | 467651 | 7167800 | 360 | -90 | 21 | Innouendy |
| INAC183 | 467718 | 7167701 | 360 | -90 | 15 | Innouendy |
| INAC184 | 467798 | 7167595 | 360 | -90 | 13 | Innouendy |
| INAC185 | 467925 | 7167508 | 360 | -90 | 33 | Innouendy |
| INAC186 | 468017 | 7167443 | 360 | -90 | 42 | Innouendy |
| INAC187 | 468103 | 7167345 | 360 | -90 | 13 | Innouendy |
| INAC188 | 468197 | 7167238 | 360 | -90 | 7 | Innouendy |
| INAC189 | 468296 | 7167128 | 360 | -90 | 42 | Innouendy |
| INAC190 | 468404 | 7167026 | 360 | -90 | 39 | Innouendy |
| INAC191 | 468503 | 7166935 | 360 | -90 | 26 | Innouendy |
| INAC192 | 468583 | 7166854 | 360 | -90 | 84 | Innouendy |
| INAC193 | 468698 | 7166766 | 360 | -90 | 91 | Innouendy |
| INAC194 | 468800 | 7166605 | 360 | -90 | 62 | Innouendy |
| INAC195 | 468849 | 7166480 | 360 | -90 | 83 | Innouendy |
| INAC196 | 468855 | 7166399 | 360 | -90 | 78 | Innouendy |
| INAC197 | 468898 | 7166192 | 360 | -90 | 93 | Innouendy |
| INAC198 | 468959 | 7166015 | 360 | -90 | 84 | Innouendy |
| INAC199 | 469042 | 7165785 | 90 | -60 | 83 | Innouendy |
| INAC200 | 469151 | 7165605 | 90 | -60 | 81 | Innouendy |
| INAC201 | 469233 | 7165392 | 90 | -60 | 77 | Innouendy |
| INAC202 | 469326 | 7165194 | 90 | -60 | 36 | Innouendy |
| INAC230 | 459252 | 7156803 | 90 | -60 | 108 | Innouendy |

| | | | | | | |
|---|---|---|---|---|---|---|
| INAC231 | 459150 | 7156795 | 90 | -60 | 93 | Innouendy |
| INAC232 | 458952 | 7156796 | 90 | -60 | 44 | Innouendy |
| INAC233 | 458848 | 7156797 | 90 | -60 | 54 | Innouendy |
| INAC234 | 459051 | 7156806 | 90 | -60 | 79 | Innouendy |
| INAC235 | 458764 | 7156805 | 90 | -60 | 77 | Innouendy |
| INAC236 | 458553 | 7156796 | 90 | -60 | 103 | Innouendy |
| INAC237 | 458947 | 7156999 | 90 | -60 | 33 | Innouendy |
| INAC238 | 458848 | 7156998 | 90 | -60 | 78 | Innouendy |
| INAC239 | 458802 | 7157102 | 90 | -60 | 60 | Innouendy |
| INAC240 | 458699 | 7157096 | 90 | -60 | 38 | Innouendy |
| INAC241 | 458652 | 7157098 | 90 | -60 | 42 | Innouendy |
| INAC242 | 458702 | 7157220 | 90 | -60 | 49 | Innouendy |
| INAC243 | 458651 | 7157206 | 90 | -60 | 27 | Innouendy |
| INAC244 | 458595 | 7157199 | 90 | -60 | 32 | Innouendy |
| INAC245 | 458952 | 7157297 | 90 | -60 | 79 | Innouendy |
| INAC246 | 458853 | 7157303 | 90 | -60 | 60 | Innouendy |
| INAC247 | 458804 | 7157308 | 90 | -60 | 63 | Innouendy |
| INAC248 | 458703 | 7157306 | 90 | -60 | 41 | Innouendy |
| INAC249 | 458650 | 7157299 | 90 | -60 | 34 | Innouendy |
| INAC250 | 458599 | 7157297 | 90 | -60 | 26 | Innouendy |
| INAC251 | 458550 | 7157296 | 90 | -60 | 23 | Innouendy |
| INAC252 | 458505 | 7157307 | 90 | -60 | 33 | Innouendy |
| INAC253 | 459046 | 7157400 | 90 | -60 | 44 | Innouendy |
| INAC254 | 458946 | 7157398 | 90 | -60 | 44 | Innouendy |
| INAC255 | 458851 | 7157403 | 90 | -60 | 49 | Innouendy |
| INAC256 | 458750 | 7157406 | 90 | -60 | 14 | Innouendy |
| INAC257 | 458656 | 7157402 | 90 | -60 | 16 | Innouendy |
| INAC258 | 458551 | 7157392 | 90 | -60 | 15 | Innouendy |
| INAC259 | 458455 | 7157395 | 90 | -60 | 56 | Innouendy |

| | | | | | | |
|---|---|---|---|---|---|---|
| INAC260 | 458356 | 7157420 | 90 | -60 | 55 | Innouendy |
| INAC261 | 458449 | 7157297 | 90 | -60 | 55 | Innouendy |
| INAC262 | 458397 | 7157298 | 90 | -60 | 71 | Innouendy |
| INAC263 | 458303 | 7157304 | 90 | -60 | 103 | Innouendy |
| INAC264 | 458303 | 7157206 | 90 | -60 | 40 | Innouendy |
| INAC265 | 458254 | 7157205 | 90 | -60 | 54 | Innouendy |
| INAC266 | 458451 | 7157100 | 90 | -60 | 64 | Innouendy |
| INAC267 | 458355 | 7157095 | 90 | -60 | 25 | Innouendy |
| INAC268 | 458400 | 7157097 | 90 | -60 | 69 | Innouendy |
| INAC269 | 458298 | 7157095 | 90 | -60 | 78 | Innouendy |
| INAC270 | 458198 | 7157097 | 90 | -60 | 52 | Innouendy |
| INAC271 | 458380 | 7156974 | 90 | -60 | 30 | Innouendy |
| INAC272 | 458255 | 7157009 | 90 | -60 | 39 | Innouendy |
| INAC273 | 458153 | 7156995 | 90 | -60 | 63 | Innouendy |
| INAC274 | 458452 | 7156794 | 90 | -60 | 77 | Innouendy |
| INAC275 | 458250 | 7156798 | 90 | -60 | 37 | Innouendy |
| INRC009 | 459849 | 7159601 | 90 | -60 | 132 | Innouendy |
| INRC010 | 459799 | 7159604 | 90 | -60 | 100 | Innouendy |
| INRC011 | 459741 | 7159592 | 90 | -60 | 142 | Innouendy |
| INRC012 | 458451 | 7157198 | 90 | -60 | 112 | Innouendy |
| INRC013 | 458401 | 7157197 | 90 | -60 | 150 | Innouendy |
| INRC014 | 458349 | 7157202 | 90 | -60 | 150 | Innouendy |
| INRC015 | 458446 | 7156999 | 90 | -60 | 150 | Innouendy |
| INRC016 | 458652 | 7156993 | 90 | -60 | 150 | Innouendy |
| INRC017 | 458552 | 7156994 | 90 | -60 | 150 | Innouendy |
| INRC018 | 458598 | 7157098 | 90 | -60 | 150 | Innouendy |
| INRC019 | 458546 | 7157100 | 90 | -60 | 150 | Innouendy |
| INRC020 | 458499 | 7157100 | 90 | -60 | 150 | Innouendy |
| INRC021 | 458499 | 7157199 | 90 | -60 | 150 | Innouendy |

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sampling techniques* | • *Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.*<br>• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*<br>• *Aspects of the determination of mineralisation that are Material to the Public Report.*<br>• *In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.* | • Aircore (AC) drilling samples were collected as 1-m samples from the rig cyclone and placed on the ground in separate piles. These 1-m sample piles were then sampled using a plastic PVC tube ("spear") to collect a composite sample in the ratio of one sample for every four metres. The 4-m composite were then sent for analysis. The Competent Person considers the quality of the sampling to be fit for the purpose of early/reconnaissance exploration.<br>• Reverse Circulation (RC) drilling samples were collected as 1m samples split from the rig cyclone using a cone splitter. These samples were then stored securely on site. Approximately 1kg of sample was also collected from each metre interval and composited into one sample for every 4m. The 4m composite samples were then sent for analysis. |
| *Drilling techniques* | • *Drill type (e.g., core, reverse circulation, open-hole hammer, rotary airblast, auger, Bangka, sonic, etc.) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).* | • All AC aircore holes were drilled to blade refusal at EOH with a face sampling bit. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Drill sample recovery* | • *Method of recording and assessing core and chip sample recoveries and results assessed.*<br>• *Measures taken to maximise sample recovery and ensure representative nature of the samples.*<br>• *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.* | • Chip recoveries were monitored for consistent sample size for each metre.<br>• Appropriate measures were taken to maximise recovery and ensure representative nature of the samples, including efforts to keep the drill holes as dry as possible.<br>• No relationship between recovery and grade has been observed. |
| *Logging* | • *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.*<br>• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.*<br>• *The total length and percentage of the relevant intersections logged.* | • All drill holes are logged in their entirety. Qualitative descriptions of mineralogy, mineralisation, weathering, lithology, colour and other features are recorded. A sample of every metre is permanently retained in chip trays for any follow-up logging. Logging is sufficient to support early exploration studies. |
| *Sub-sampling and sample preparation* | • *If core, whether cut or sawn and whether quarter, half or all core*<br>• *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.*<br>• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*<br>• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*<br>• *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.*<br>• *Whether sample sizes are appropriate to the grain size of the material being sampled.* | • Chips were sampled with a “spear” (PVC tube) from the 1m sample piles and composited to make roughly 4-kg, 4-m composite samples. The single 1-m spear sample was approximately 2 kg in size. Where a sample was wet, it was dried in the sun before composite samples were collected. Samples underwent sample preparation at ALS Perth following method PREP31: Dry, Crush, Split and Pulverize – samples were first weighed, then crushed to >70% of the sample passing 2 mm, then split using riffle splitter. A sample split of up to 250 g was then pulverized to >85 % of the sample passing -75 microns.<br>• Duplicates were submitted for analysis at a rate of approximately 1 per 20 samples, for quality control. The variability observed in duplicate sample results are considered appropriate by the Competent Person. The quality of the sub-sampling is considered fit for the purpose of early/reconnaissance exploration.<br>• The Competent Person considers drill sample sizes to be appropriate for the style of mineralisation and the nature of the drilling program. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Quality of assay data and laboratory tests* | • *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*<br>• *For geophysical tools, spectrometers, handheld XRF instruments, etc. the parameters used in determining the analysis including instrument make model, reading times, calibration factors applied and their derivation etc.*<br>• *Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.* | • Samples are to be submitted for sample preparation and geochemical analysis by ALS Perth.<br>• Standards and blanks were submitted in the sample stream at a rate of approximately 1 per 30 samples. The laboratory conducted its own checks which were also monitored.<br>• In the field spot checks were completed on selected samples using a handheld XRF unit. These results are not considered reliable without calibration using chemical analysis. They were used as a guide to the relative presence or absence of certain elements, including REEs, to help guide the drill program. |
| *Verification of assaying* | • *The verification of significant intersections by either independent or alternative company personnel.*<br>• *The use of twinned holes.*<br>• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*<br>• *Discuss any adjustment to assay data.* | • The Desert Metals Exploration Manager has personally inspected all core and chips.<br>• No twin holes have been completed.<br>• Primary drill data were collected manually on paper and digitally using Excel software before being transferred to the master database in mining software package Micromine.<br>• Conversion of elemental analysis (REE parts per million) to oxide (REO parts per million) was using the below element to oxide conversion factors.<br>Element - Conversion Factor - Oxide Form<br>Ce 1.2284 $CeO_2$<br>Dy 1.1477 $Dy_2O_3$<br>Er 1.1435 $Er_2O_3$<br>Eu 1.1579 $Eu_2O_3$<br>Gd 1.1526 $Gd_2O_3$<br>Ho 1.1455 $Ho_2O_3$<br>La 1.1728 $La_2O_3$<br>Lu 1.1371 $Lu_2O_3$<br>Nd 1.1664 $Nd_2O_3$ |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | Pr 1.2083 $Pr_6O_{11}$<br>Sm 1.1596 $Sm_2O_3$<br>Tb 1.1762 $Tb_4O_7$<br>Tm 1.1421 $Tm_2O_3$<br>Y 1.2699 $Y_2O_3$<br>Yb 1.1387 $Yb_2O_3$<br>• Rare earth oxide is the industry-accepted form for reporting rare earth analytical results. The following calculations are used for compiling REO into their reporting and evaluation groups:<br>○ TREO (Total Rare Earth Oxide) = $La_2O_3$ + $CeO_2$ + $Pr_6O_{11}$ + $Nd_2O_3$ + $Sm_2O_3$ + $Eu_2O_3$ + $Gd_2O_3$ + $Tb_4O_7$ + $Dy_2O_3$ + $Ho_2O_3$ + $Er_2O_3$ + $Tm_2O_3$ + $Yb_2O_3$ + $Y_2O_3$ + $Lu_2O_3$<br>○ TREO-Ce = TREO – $CeO_2$<br>○ LREO (Light Rare Earth Oxide) = $La_2O_3$ + $CeO_2$ + $Pr_6O_{11}$ + $Nd_2O_3$ + $Sm_2O_3$<br>○ HREO (Heavy Rare Earth Oxide) = $Eu_2O_3$ + $Gd_2O_3$ + $Tb_4O7$ + $Dy_2O_3$ + $Ho_2O_3$ + $Er_2O_3$ + $Tm_2O_3$ + $Yb_2O_3$ + $Y_2O_3$ + $Lu_2O_3$<br>○ CREO (Critical Rare Earth Oxide) = $Nd_2O_3$ + $Eu_2O_3$ + $Tb_4O_7$ + $Dy_2O_3$ + $Y_2O_3$<br>○ MREO (Magnetic Rare Earth Oxide) = $Pr_6O_{11}$ + $Nd_2O_3$ + $Sm_2O_3$ + $Gd_2O_3$ + $Tb_4O_7$ + $Dy_2O_3$.<br>○ Partial TREO (MS61 Ce+La+Y) = $CeO_2$ + $La_2O_3$ + $Y_2O_3$. |
| *Location of data points* | • *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.*<br>• *Specification of the grid system used.*<br>• *Quality and adequacy of topographic control* | • Drill hole collar locations were surveyed using handheld GPS.<br>• Expected accuracy for collar surveys is ± 3 m.<br>• Down-hole surveys were taken by north-seeking gyro with readings at the surface and then approximately every 3 m downhole.<br>• The grid system is MGA GDA94 (zone 50), local easting and northing are MGA.<br>• Topographic surface uses handheld GPS elevation data, which is adequate for the current stage of the project. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Data spacing and distribution* | • *Data spacing for reporting of Exploration Results.*<br>• *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.*<br>• *Whether sample composting has been applied.* | • Data spacing and distribution is not sufficient to allow the estimation of mineral resources.<br>• Drill samples were composted on site to create 4-m composite samples, with 1-m samples taken near end of hole. |
| *Orientation of data in relation to geological structure* | • *Whether the orientation of the sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*<br>• *If the relationship between the drilling orientation and the orientation of key mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.* | • It is not known whether the orientation of the sampling achieved unbiased sampling of possible structures; however, it is considered unlikely by the Competent Person.<br>• It is not known if the relationship between the drilling orientation and the orientation of key mineralised structures has introduced a sampling bias; however, it is considered unlikely by the Competent Person. |
| *Sample security* | • *The measures taken to ensure sample security.* | • Samples were sealed in polyweave bags that were cable-tied closed and stored securely on site until transported by company personnel to the lab. |
| *Audits or reviews* | • *The results of any audits or reviews of sampling techniques and data.* | • No audits or reviews have been conducted at this stage. |

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## Section 2 Reporting of Exploration Results

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Mineral tenement and land tenure status* | • *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.*<br>• *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.* | • Surveys were conducted within DM1 100%-owned Exploration Licenses E9/2330 and E9/2351<br>• All tenements are in good standing with DMIRS. DM1 is unaware of any impediments for exploration on these licenses. |
| *Exploration done by other parties* | • *Acknowledgment and appraisal of exploration by other parties* | • The tenements have had very limited published or open file exploration work for magmatic nickel type deposits.<br>• Limited exploration undertaken to date by past explorers was mostly focused on iron ore, and, to a lesser extent, gold.<br>• The main exploration that is relevant to Desert Metals is described in the prospectus downloadable from the Company's website. |
| *Geology* | • *Deposit type, geological setting and style of mineralisation.* | • The project covers regions of the Narryer Terrane in the Yilgarn Craton, said to represent reworked remnants of greenstone sequences that are prospective for intrusion-hosted Ni-Cu-(Co)-(PGEs) and orogenic gold mineralisation. Nickel-sulphide mineralisation is anticipated to be related to mantle-derived (mafic and ultramafic) intrusives intersected by deep structures.<br>• The REE mineralisation is considered to occur in deeply weathered lateritic and saprolitic clay layers of the Narryer terrane. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Drill hole information* | • *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:*<br>  ○ *easting and northing of the drill hole collars*<br>  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole*<br>  ○ *dip and azimuth of the hole*<br>  ○ *down hole length and interception depth*<br>  ○ *hole length*<br>*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.* | • Refer to table in body of the report. |
| *Data aggregation methods* | • *In reporting Exploration Results, weighting average techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.*<br>• *Where aggregate intercepts incorporated 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 aggregation shown in detail.*<br>• *The assumption used for any reporting of metal equivalent values should be clearly stated.* | • Assay results of REE are reported in ppm and the conversion of elemental analysis (REE parts per million) to stoichiometric oxide (REO parts per million) was undertaken using stoichiometric oxide conversion factors. |
| *Relationship between mineralization widths and intercept lengths* | • *These relationships are particularly important in the reporting of Exploration Results.*<br>• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>• *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').* | • The relationship between drill hole orientations and mineralisation is unknown at this stage. All results are reported as downhole intervals/widths. |
| *Diagrams* | • *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | • Refer to Figures in body of text. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Balanced reporting* | • *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.* | • All results are reported transparently in the report. |
| *Other substantive exploration data* | • *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | • All new and relevant data have been reported. |
| *Further work* | • *The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | • A full review of the results to date will be undertaken prior to any future programs being executed. |