

## KAMEELBURG'S RECORD-BREAKING HOLE: DD008F DELIVERS 542.9m @ 1.4% TREO, 4.08% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> AND 306 ppm Mo

### DD008E CONFIRMS 496m OF CONTINUOUS HIGH-GRADE MINERALISATION AND DD013A REVEALS A HIGH-GRADE DEEP ZONE - COMPLETING A WORLD-CLASS PHASE II PROGRAMME

### ALL 15 PHASE II HOLES NOW ASSAYED - UPDATED MINERAL RESOURCE ESTIMATE IMMINENT

#### Highlights

- **DD008F is the best drill hole in the history of the Kameelburg project<sup>1</sup>:** delivering the project's highest-ever grade-thickness product with a total intersection of
  - **542.9m @ 1.38% TREO, 4.08% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 306 ppm Mo**
  - Upper Layer composite (0-332m): **310.32m @ 1.74% TREO, 5.09% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 266 ppm Mo** - including a peak zone of **19.6m @ 2.22% TREO, 6.12% SrCO<sub>3</sub> (95.4-115m)**
  - Lower Layer composite (332-542.9m): **210.9m @ 0.91% TREO, 3.26% SrCO<sub>3</sub>, 0.23% Nb<sub>2</sub>O<sub>5</sub> and 193 ppm Mo** - including **78m @ 1.93% TREO, 4.85% SrCO<sub>3</sub>, 0.21% Nb<sub>2</sub>O<sub>5</sub> and 625 ppm Mo (398-476m)** - the deepest high-grade REE zone yet defined at Kameelburg.
  - Mineralisation continues to the end of hole and remains open at depth.
- **DD008E confirms 496m of continuous high-grade REE-Sr-Nb mineralisation<sup>1</sup>:** drilling to the NE boundary of the Kameelburg barrel, DD008E intersected:
  - **Total 496m @ 1.25% TREO, 3.87% SrCO<sub>3</sub>, 0.18% Nb<sub>2</sub>O<sub>5</sub> and 130 ppm Mo** - confirming mineralisation extends to the full depth of the hole.
  - Upper Layer total of **235.92m @ 1.69% TREO, 4.75% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 251 ppm Mo** - including 129m @ 1.67% TREO, 4.9% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 210 ppm Mo.
  - Lower Layer high-grade REE+Sr zone of **57m @ 2.00% TREO, 5.64% SrCO<sub>3</sub>, 0.185% Nb<sub>2</sub>O<sub>5</sub> and 250 ppm Mo**
  - The near-surface Upper Layer REE+Sr zone with true thickness exceeding 200m confirms the project's exceptional low stripping ratio and potential for future open-pit mining studies.
- **DD013A confirms a high-grade REE-Sr-Mo zone at depth on the southern flank<sup>1</sup>:** the final Phase II hole intersected multiple mineralised layers, headlined by a standout deep high-grade zone:
  - **67.6m @ 1.71% TREO, 4.98% SrCO<sub>3</sub>, 0.17% Nb<sub>2</sub>O<sub>5</sub> and 691 ppm Mo (491.9-565.5m)** - a high-grade zone extending to the end of hole and open at depth, mirroring DD005F (98m @ 1.96% TREO, 5.51% SrCO<sub>3</sub>) on the southern flank
  - Upper Layer: **32m @ 1.23% TREO, 4.36% SrCO<sub>3</sub>, 0.25% Nb<sub>2</sub>O<sub>5</sub> and 117 ppm Mo**
  - Middle Layer: **60.7m @ 1.35% TREO, 4.27% SrCO<sub>3</sub>, 0.17% Nb<sub>2</sub>O<sub>5</sub> and 122 ppm Mo**
  - DD013A and DD005F together demonstrate clear potential to materially grow the Kameelburg resource through deep drilling on the southern part of the project area.
- **Drill Pad 8 is the stand-out resource domain at Kameelburg:** four holes from Pad 8 (DD008, DD008D, DD008E, DD008F) collectively define a high-grade REE-Nb-Sr mineralised system extending to over 500m depth, with DD008F and DD008E alone expected to account for a substantial portion of the updated Phase II MRE

- **Phase II programme complete and fully assayed - MRE imminent:** with Phase II drilling complete (15 holes, 7,190m) and assays now received for all 15 holes, the updated Mineral Resource Estimate incorporating the entire programme is anticipated in the near term and is expected to capture the full scale of the Kameelburg system.

<sup>1</sup> Significant intercepts derived by length-weighted averaging of downhole assays within the stated interval. Intervals are downhole lengths; true widths are not reported. See Appendix for full downhole assay data.

Aldoro Resources Ltd (“**Aldoro**”, “**The Company**”) (**ASX: ARN**) is pleased to report that assay results for diamond drill holes DD008F, DD008E and DD013A from its flagship Kameelburg REE-Strontium-Niobium Project in Namibia have been received. With these results, the Company confirms that assays for all 15 holes of the Phase II diamond drilling programme have now been received. The results are extraordinary. DD008F is unequivocally the best drill hole in the history of the Kameelburg project; DD008E confirms the system is continuous and high-grade across the full mineralised barrel at Drill Pad 8; and DD013A reveals a high-grade REE-Sr-Mo zone at depth on the southern flank, pointing to clear resource growth potential.

Together, these results firmly establish Drill Pad 8 as the highest-value drilling location at Kameelburg, with multiple holes defining a REE-Nb-Sr mineralised system of exceptional width, grade consistency, and vertical extent. The Company expects that the Pad 8 results alone may contribute approximately 30% of the total Kameelburg resource inventory in the upcoming Phase II MRE. With the entire Phase II programme now drilled and assayed, the updated Mineral Resource Estimate is expected to follow in the near term.

### **Diamond Drill Hole Assay - DD008F: Kameelburgs Best-Ever Drill Result**

DD008F was drilled from Drill Pad 8 on the eastern sector of the Kameelburg carbonatite at an azimuth of 240° and dip of -60°, to a final downhole depth of 556.08m. The hole was designed to test the south-southwestern extent of the high-grade mineralised envelope identified in previously reported DD008D (azimuth 090°, reported 15/5/26) and DD008G (azimuth 330°, reported 12/6/26), providing a further directional vector of coverage across the Pad 8 resource block.

The result is outstanding by any measure. Applying a 1% TREO cut-off and including all significant mineralised intervals, DD008F returned a total composite intersection of:

**DD008F: 542.9m @ 1.38% TREO | 4.08% SrCO<sub>3</sub> | 0.20% Nb<sub>2</sub>O<sub>5</sub> | 306 ppm Mo**

This is the highest grade-thickness intercept ever recorded at Kameelburg, and among the most compelling carbonatite-hosted REE drill results in the emerging global REE pipeline. The strontium grade of 4.08% SrCO<sub>3</sub> is a particularly notable feature: at current commodity prices, 4% SrCO<sub>3</sub> is broadly equivalent in value to approximately 1% TREO, meaning the true combined value intensity of DD008F is materially higher than the TREO headline grade alone conveys.

The two-layer mineralisation architecture seen across all other Pad 8 holes is again clearly expressed in DD008F:

#### **Upper Layer (0 - 332m)**

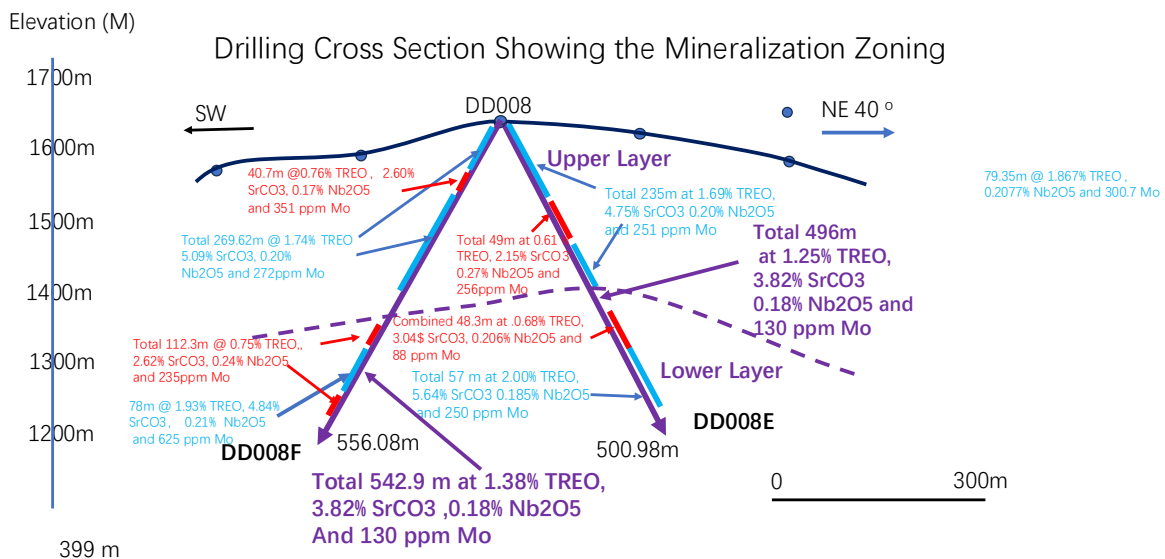
The Upper Layer in DD008F is exceptionally thick and consistently mineralised from surface. Applying a 1% TREO cut-off, the layer yields 310.32 significant metres at a weighted average grade of 1.74% TREO, 5.09% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 266 ppm Mo - one of the richest and thickest composite intercepts yet recorded in the Phase II programme. Noteworthy internal sub-zones include:

- **19.6m @ 2.22% TREO, 6.12% SrCO<sub>3</sub> (95.4-115m)** - highest-grade upper zone REE intercept in DD008F
- **68m @ 1.73% TREO, 4.90% SrCO<sub>3</sub> (215-283m)** - a thick, robust high-grade zone at intermediate depth
- **46m @ 1.65% TREO, 4.79% SrCO<sub>3</sub> (167-213m)** - continuous high-grade intercept confirming zone thickness
- **3m @ 1.78% TREO, 6.03% SrCO<sub>3</sub>, 610 ppm Mo (296-299m)** - exceptional multi-commodity grade spike

#### Lower Layer (332 - 542.9m)

The lower mineralisation layer carries elevated Nb<sub>2</sub>O<sub>5</sub> and Mo credits relative to the upper zone, consistent with the depth-related fractionation pattern observed across all Pad 8 holes. The lower layer contributes 210.9 significant metres at 0.91% TREO, 3.26% SrCO<sub>3</sub>, 0.23% Nb<sub>2</sub>O<sub>5</sub> and 193 ppm Mo, with the standout intercept being:

- **78m @ 1.93% TREO, 4.85% SrCO<sub>3</sub>, 0.21% Nb<sub>2</sub>O<sub>5</sub> and 625 ppm Mo (398-476m)** - the deepest and one of the highest-grade REE zones yet defined at Kameelburg
- **12.9m @ 0.91% TREO, 4.00% SrCO<sub>3</sub>, 0.32% Nb<sub>2</sub>O<sub>5</sub> (530-542.9m)** - mineralisation continues to end of hole, open at depth



**Image 1:** Drilling cross section illustrating mineralisation zoning of DD008F and DD008E across the SW direction of the carbonatite.

#### Significant Intercepts - DD008F

Key mineralised intercepts for DD008F are set out in Table 1.

| Hole_ID | Depth From (m) | Depth To (m) | Interval (m) | TREO % | Nb <sub>2</sub> O <sub>5</sub> % | SrCO <sub>3</sub> % | Mo ppm | Layer                                   |
|---------|----------------|--------------|--------------|--------|----------------------------------|---------------------|--------|-----------------------------------------|
| DD008F  | 0              | 542.9        | 542.9        | 1.38   | 0.20                             | 4.08                | 306    | Total composite                         |
| DD008F  | 0              | 332          | 310.32       | 1.74   | 0.20                             | 5.09                | 266    | Upper Layer composite (1% TREO cut-off) |
| DD008F  | 0              | 5            | 5            | 1.87   | 0.22                             | 5.17                | 254    | Upper - REE Zone                        |
| DD008F  | 16             | 27           | 11           | 1.77   | 0.16                             | 6.21                | 190    | Upper - REE Zone                        |
| DD008F  | 29             | 91.2         | 62.2         | 1.77   | 0.18                             | 5.06                | 264    | Upper - REE Zone                        |
| DD008F  | 95.4           | 115          | 19.6         | 2.22   | 0.14                             | 6.12                | 168    | Upper - REE Zone                        |
| DD008F  | 117            | 135          | 18           | 1.69   | 0.23                             | 4.96                | 303    | Upper - REE Zone                        |
| DD008F  | 141.7          | 158          | 16.3         | 1.71   | 0.27                             | 5.28                | 293    | Upper - REE Zone                        |
| DD008F  | 167            | 213          | 46           | 1.65   | 0.20                             | 4.79                | 313    | Upper - REE Zone                        |
| DD008F  | 215            | 283          | 68           | 1.73   | 0.23                             | 4.90                | 216    | Upper - REE Zone                        |
| DD008F  | 296            | 299          | 3            | 1.78   | 0.24                             | 6.03                | 610    | Upper - REE Zone                        |
| DD008F  | 303            | 307          | 4            | 1.18   | 0.20                             | 4.81                | 364    | Upper - REE Zone                        |
| DD008F  | 317            | 332          | 15           | 1.51   | 0.17                             | 4.61                | 370    | Upper - REE Zone                        |
| DD008F  | 332            | 542.9        | 210.9        | 0.91   | 0.23                             | 3.26                | 193    | Lower Layer composite                   |
| DD008F  | 398            | 476          | 78           | 1.93   | 0.21                             | 4.85                | 625    | Lower - High-Grade REE                  |
| DD008F  | 490            | 510.4        | 20.4         | 0.87   | 0.27                             | 3.03                | 268    | Lower - Nb-Sr Zone                      |
| DD008F  | 530            | 542.9        | 12.9         | 0.91   | 0.32                             | 4.00                | 94     | Lower - Nb-Sr Zone (EOH)                |

**Table 1:** DD008F significant intercepts. Total composite reported across all significant intervals; layer intercepts on 1% TREO cut-off with maximum 10m internal dilution. Intervals are downhole lengths; true widths are not reported.

### Diamond Drill Hole Assay - DD008E: 496m of Continuous High-Grade REE-Sr-Nb Mineralisation

DD008E was drilled from Drill Pad 8 at an azimuth of 45° and dip of -60°, to a total depth of 500.98m. The hole was designed to test the NE boundary of the REE, strontium and niobium mineralisation barrel at Kameelburg, adding a further directional vector to the three-dimensional coverage being built up at Pad 8 by DD008, DD008D, DD008F and DD008G.

The result confirms that strong REE, strontium, niobium and molybdenum mineralisation persists continuously across the NE sector of the mineralised envelope. DD008E returned a total intersection of:

**DD008E: 496m @ 1.25% TREO | 3.87% SrCO<sub>3</sub> | 0.18% Nb<sub>2</sub>O<sub>5</sub> | 130 ppm Mo**

The Upper Layer in DD008E again commences from surface and is characterised by a near-continuous high-grade REE and strontium zone with a true thickness estimated at over 200 metres. This is a defining geological feature for the project: near-surface, bulk-tonnage, high-grade REE-Sr mineralisation at outcrop eliminates the need for deep pre-stripping and dramatically reduces projected mining costs. The total Upper Layer REE+Sr composite of 235.92m at 1.69% TREO, 4.75% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 251 ppm Mo includes a standout sub-zone of 129m at 1.67% TREO, 4.9% SrCO<sub>3</sub>, 0.20% Nb<sub>2</sub>O<sub>5</sub> and 210 ppm Mo.

The Lower Layer in DD008E hosts a significant high-grade REE+Sr zone of 57m at 2.00% TREO, 5.64% SrCO<sub>3</sub>, 0.185% Nb<sub>2</sub>O<sub>5</sub> and 250 ppm Mo - a grade that rivals the best intervals in the Upper Layer, confirming that the deep portion of the Pad 8 system remains economically compelling.

A recent hydrometallurgical study has reported very high extraction rates for strontium (99%) and REE (72%) using HCl leaching at room temperature - confirming that Kameelburg will not require high-temperature roasting or complex chemical processing, a significant differentiator from many peer projects and an important environmental advantage.

### Significant Intercepts - DD008E

Key mineralised intercepts for DD008E are set out in Table 2 and cross section shown in Image 1.

| Hole_ID | Depth From (m) | Depth To (m) | Interval (m) | TREO % | Nb <sub>2</sub> O <sub>5</sub> % | SrCO <sub>3</sub> % | Mo ppm | Layer                          |
|---------|----------------|--------------|--------------|--------|----------------------------------|---------------------|--------|--------------------------------|
| DD008E  | 0              | 496          | 496          | 1.25   | 0.18                             | 3.87                | 130    | Total composite                |
| DD008E  | 0              | 235.92       | 235.92       | 1.69   | 0.20                             | 4.75                | 251    | Upper Layer (REE+Sr composite) |
| incl.   | 0              | 129          | 129          | 1.67   | 0.20                             | 4.90                | 210    | Upper - high-grade sub-zone    |
| DD008E  | 292.92         | 349.92       | 57           | 2.00   | 0.185                            | 5.64                | 250    | Lower Layer (REE+Sr zone)      |
| DD008E  | 0              | 496          | 496          | 1.25   | 0.18                             | 3.87                | 130    | Full hole composite            |

**Table 2:** DD008E significant intercepts. Headline intervals reported on 1% TREO and 0.1% Nb<sub>2</sub>O<sub>5</sub> cut-offs as applicable; sub-zones on contiguous downhole assays. Intervals are downhole lengths; true widths are not reported. TREO and SrCO<sub>3</sub> grades are length-weighted averages.

### Diamond Drill Hole Assay - DD013A: High-Grade REE-Sr-Mo Confirmed at Depth

DD013A was drilled from the DD013 pad on the southern part of the Kameelburg carbonatite at an azimuth of 320° and dip of -65°, to a final downhole depth of 565.5m. The hole was designed to test the mineralised system on the southern flank of the intrusion and, importantly, its extension at depth.

The result is highly encouraging. DD013A intersected multiple mineralised layers, and most significantly returned a strong high-grade REE, strontium and molybdenum zone from 491.9m to the end of the hole (565.5m):

**DD013A: 67.6m @ 1.71% TREO | 4.98% SrCO<sub>3</sub> | 0.17% Nb<sub>2</sub>O<sub>5</sub> | 691 ppm Mo (491.9 - 565.5m, open at depth)**

This deep high-grade zone is a particularly important result. It closely mirrors the high-grade interval intersected at the bottom of DD005F (98m @ 1.96% TREO, 5.51% SrCO<sub>3</sub>, 0.28% Nb<sub>2</sub>O<sub>5</sub> and 112 ppm Mo), and the two holes together confirm that there is real potential to grow the Kameelburg resource by conducting deeper drilling on the southern part of the project area. The exceptional 691 ppm Mo grade in this zone is among the highest molybdenum credits recorded in the Phase II programme.

The shallower portions of DD013A also returned meaningful mineralisation across the Upper, Middle and Lower layers, confirming the multi-layer architecture seen across the project:

- **Upper Layer: 32m @ 1.23% TREO, 4.36% SrCO<sub>3</sub>, 0.25% Nb<sub>2</sub>O<sub>5</sub> and 117 ppm Mo**

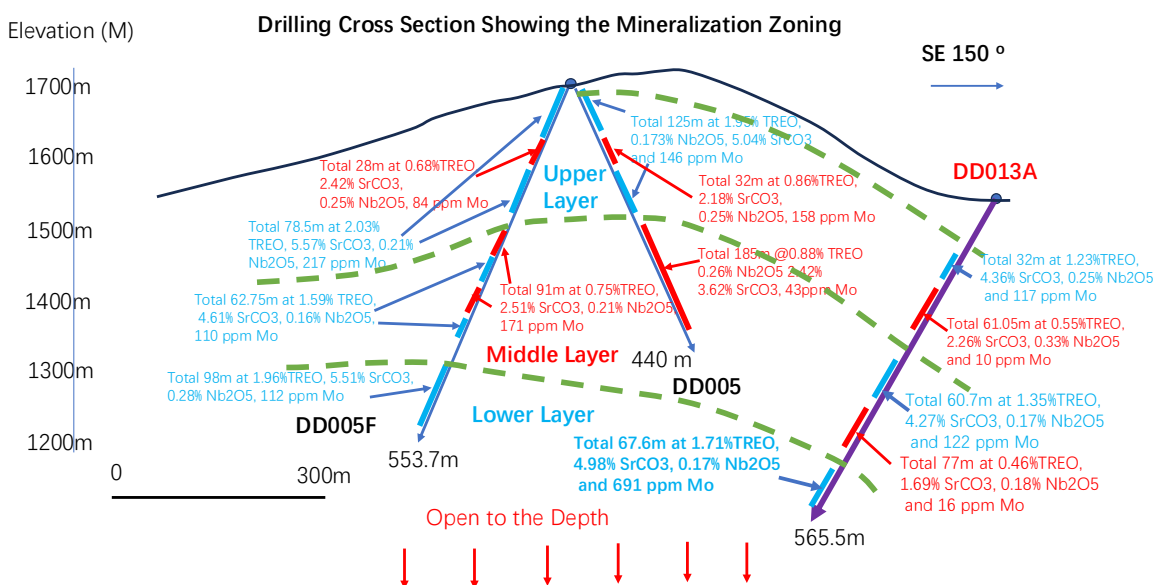
- **Middle Layer: 60.7m @ 1.35% TREO, 4.27% SrCO<sub>3</sub>, 0.17% Nb<sub>2</sub>O<sub>5</sub> and 122 ppm Mo**
- **Lower Layer: 77m @ 0.46% TREO, 1.69% SrCO<sub>3</sub>, 0.18% Nb<sub>2</sub>O<sub>5</sub> and 16 ppm Mo and 61.05m @ 0.55% TREO, 2.26% SrCO<sub>3</sub>, 0.33% Nb<sub>2</sub>O<sub>5</sub> and 10 ppm Mo**

### Significant Intercepts - DD013A

Key mineralised intercepts for DD013A are set out in Table 3.

| Hole_ID | Depth From (m) | Depth To (m) | Interval (m) | TREO % | Nb <sub>2</sub> O <sub>5</sub> % | SrCO <sub>3</sub> % | Mo ppm | Layer                              |
|---------|----------------|--------------|--------------|--------|----------------------------------|---------------------|--------|------------------------------------|
| DD013A  | 491.9          | 565.5        | 67.6         | 1.71   | 0.17                             | 4.98                | 691    | Lower - High-Grade Deep Zone (EOH) |
| DD013A  | 280            | 483.7        | 203.7        | 1.35   | 0.17                             | 4.27                | 122    | Middle Layer                       |
| DD013A  | 300            | 480          | 180          | 0.46   | 0.18                             | 1.69                | 16     | Lower Layer                        |

**Table 3: DD013A significant intercepts.** Layer intercepts on 1% TREO and 0.1% Nb<sub>2</sub>O<sub>5</sub> cut-offs as applicable; high-grade deep zone on contiguous downhole assays. Intervals are downhole lengths; true widths are not reported.



**Image 2: Drilling cross section illustrating mineralisation zoning of DD013A across the SE direction of the carbonatite.**

(ASX releases DD005 – 30/04/25, DD005F – 30/03/26)

### Drill Pad 8 – A World Class Resource Concentration

Drill Pad 8 has now emerged as the most significant drilling location in the Kameelburg programme by a substantial margin. The accumulation of results from DD008A, DD008D, DD008E, DD008F and DD008G from this single pad has established a high-grade REE-Nb-Sr mineralised system with the

following characteristics:

- Vertical mineralised extent exceeding 500 metres - confirmed in multiple holes across multiple azimuths.
- Consistent TREO grades above 1.25% across multi-hundred metre intersections
- $\text{SrCO}_3$  grades consistently exceeding 3.5%, confirmed independently in orthogonal drill directions.
- Near-surface high-grade REE+Sr from outcrop with estimated Upper Layer true thickness exceeding 200 metres in DD008E - a key economic advantage.
- Molybdenum credits ranging from 130 to 625 ppm - a further co-product with growing strategic demand.
- An estimated ~30% contribution to total Kameelburg mineral resources from Pad 8 results alone

The DD008F and DD008D results in particular define a structurally controlled, steeply plunging, high-grade REE-Nb-Sr corridor that remains open at depth and along strike. DD008E's NE-directed confirmation of high-grade from surface, combined with the perpendicular coverage of DD008D and DD008G, gives the geological model for the Pad 8 block genuine three-dimensional robustness - exactly the foundation required for a high-confidence resource estimate.

(ASX Release DD008 - , DD008D – 15/5/26, DD008G 12/6/26))

A comparative summary of the holes drilled at Drill Pad 8 are summarised in Table 4.

| Hole ID | Azimuth | Total Depth (m) | Total TREO (%) | $\text{SrCO}_3$ (%) | $\text{Nb}_2\text{O}_5$ (%) | Mo (ppm) | Status                |
|---------|---------|-----------------|----------------|---------------------|-----------------------------|----------|-----------------------|
| DD008F  | 240°    | 556.08          | 1.38           | 4.08                | 0.20                        | 306      | ★ Best hole to date   |
| DD008G  | 330°    | 573.5           | 1.51*          | 4.90*               | 0.21*                       | 174*     | Upper Layer composite |
| DD008E  | 45°     | 500.98          | 1.25           | 3.87                | 0.18                        | 130      | Full hole composite   |
| DD008D  | 90°     | 503.9           | 1.30           | 4.00                | 0.17                        | 189      | Total composite       |
| DD008   | -       | ~400            | 1.25           | 3.82                | 0.18                        | 130      | Total composite       |

**Table 4:** Pad 8 holes comparison summary. DD008G Upper Layer composite on 1% TREO cut-off as reported 12/6/26. All widths are downhole. True widths are not reported.

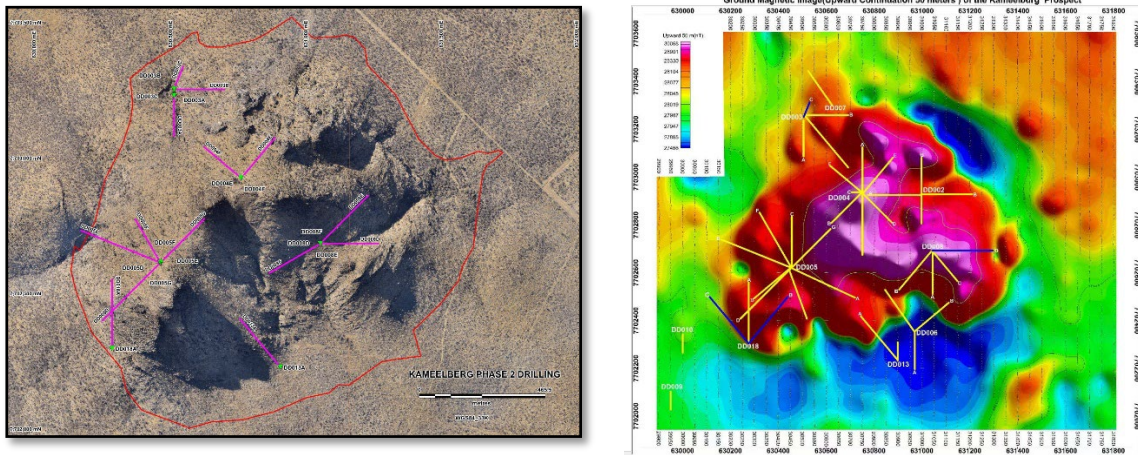
### Drilling Update and MRE Outlook

The Phase II diamond programme is complete (15 holes for 7,190m), and with the assays reported today, results are now in hand for all 15 holes. Every set of assays across the programme has reinforced the same conclusion: Kameelburg hosts a large, continuous, multi-commodity mineralised system of exceptional scale and grade.

Drill Pad 8 is now the stand-out domain in the programme. Seven holes drilled in five different directions from this single pad - DD008A-C (Phase II), DD008D (E), DD008E (NE), DD008F (SW) and DD008G (NNW) - all return substantial composite intercepts, confirming that the broad mineralisation persists in every tested direction and is not an artefact of geometry. This multi-directional three-dimensional coverage dramatically strengthens confidence in the resource model for this block.

Beyond Pad 8, DD013A and DD005F have now confirmed a high-grade REE-Sr-Mo zone at depth on the southern flank of the intrusion, highlighting a clear opportunity to grow the resource through future deeper drilling in this part of the project area.

The updated Phase II Mineral Resource Estimate, incorporating all 15 holes, is now in preparation and is anticipated in the near term. The Company is confident the updated MRE will reflect the full scale and quality of what Kameelburg has demonstrated across the Phase II programme — a large, continuous, high-grade, multi-commodity carbonatite system with outstanding metallurgical and mining characteristics.



**Figure 2:** Diamond drill hole plan view of the Phase 2 drilling programme (left) & magnetic overlay (right).

A summary of drilling to date is as follows:

| No.   | Borehole ID | UTM Zone | Easting | Northing | Elevation (m) | Azimuth | Dip (degrees) | Drilled Depth (m) | Assay Status | Location  | Planned Depth (m) |
|-------|-------------|----------|---------|----------|---------------|---------|---------------|-------------------|--------------|-----------|-------------------|
| 1     | DD003A      | 33K      | 630505  | 7703237  | 1,454         | 180     | -60           | 300.2             | Received     | DD003 Pad | 600               |
| 2     | DD003B      | 33K      | 630506  | 7703259  | 1,530         | 90      | -65           | 438.9             | Received     | DD003 Pad | 500               |
| 3     | DD003C      | 33K      | 630505  | 7703261  | 1,528         | 22      | -65           | 214.7             | Received     | DD003 Pad | 500               |
| 4     | DD004E      | 33K      | 630754  | 7702933  | 1,742         | 40      | -60           | 387.2             | Received     | DD004 Pad | 750               |
| 5     | DD004F      | 33K      | 630752  | 7702933  | 1,740         | 310     | -60           | 354.2             | Received     | DD004 Pad | 750               |
| 6     | DD005D      | 33K      | 630454  | 7702620  | 1,703         | 225     | -60           | 604.4             | Received     | DD005 Pad | 650               |
| 7     | DD005E      | 33K      | 630453  | 7702621  | 1,705         | 292     | -60           | 629.9             | Received     | DD005 Pad | 750               |
| 8     | DD005F      | 33K      | 630454  | 7702621  | 1,702         | 330     | -65           | 434.9             | Received     | DD005 Pad | 700               |
| 9     | DD005G      | 33K      | 630457  | 7702622  | 1,705         | 45      | -65           | 537.7             | Received     | DD005 Pad | 700               |
| 10    | DD008D      | 33K      | 631046  | 7702691  | 1,643         | 90      | -65           | 503.9             | Received     | DD008 Pad | 600               |
| 11    | DD008E      | 33K      | 631046  | 7702691  | 1,643         | 45      | -60           | 500.9             | Received     | DD008 Pad | 600               |
| 12    | DD008F      | 33K      | 631046  | 7702691  | 1,643         | 240     | -60           | 556               | Received     | DD008 Pad | 600               |
| 13    | DD008G      | 33K      | 631046  | 7702691  | 1,643         | 330     | -60           | 573.5             | Received     | DD008 Pad | 650               |
| 14    | DD013A      | 33K      | 630898  | 7702235  | 1,536         | 320     | -65           | 550.5             | Received     | DD013 Pad | 600               |
| 15    | DD018A      | 33K      | 630276  | 7702304  | 1,614         | 360     | -65           | 603.1             | Received     | DP002 Pad | 560               |
| Total |             |          |         |          |               |         |               | 7190              |              |           |                   |

**Table 5:** Completed Phase 2 drilling summary. DD008F, DD008E & DD013A (highlighted) have now been fully assayed.

*In relying on the above mentioned ASX announcements and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the above-mentioned announcements, and in the case of estimates of mineral resources, all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.*

*Authorised for and on behalf of the Board,*

**Sarah Smith**  
**Company Secretary**

#### **About Aldoro Resources**

Aldoro Resources Ltd is an ASX-listed (**ASX: ARN**) mineral exploration and development company. Aldoro has a portfolio of critical minerals including rare earth, lithium, rubidium and base metal projects. The Company's suite of projects include the Kameelburg REE & Niobium Project in Namibia, the Niobe lithium-rubidium-tantalum project and the Narndee Igneous Complex project in Western Australia.

#### **Disclaimer**

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Aldoro operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside Aldoro's control.

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This announcement is not an offer, invitation or recommendation to subscribe for or purchase securities by Aldoro. Nor does this announcement constitute investment or financial product advice (nor tax, accounting or legal advice) and is not intended to be used for the basis of making an investment decision. Investors should obtain their own advice before making any investment decision.

#### **Competent Person Statement**

The information in this announcement that relates to Exploration Results and other technical information is based on information compiled by Dr Minlu Fu (a non-executive director of the Company) and complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been reviewed by Mr Jeremy Clark and Mr Mark Mitchell.

Mr. Mark Mitchell is a Member of the Australasian Institute of Geoscientists (AIG). Mr Mitchell is an independent consultant and not an employee of Aldoro and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Mitchell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

## Appendix 1: Down hole assays – Lanthanides, Yttrium, Niobium, Molybdenum and Strontium

Drill Collar DD008F (Dominant Mineralisation highlighted **REE** Nb and bold text used for quoted layers)

| Hole_ID | Sample No  | Depth_From (m) | Depth_To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD008F  | DD008F-001 | 0              | 1            | 7474.6 | 30.4   | 9.8    | 52.2   | 102.8  | 4.5    | 4928   | 0.8    | 2027.8 | 682    | 226.2  | 8.6    | 1.3    | 118.3 | 6.8    | 1007   | 276    | 29805  | 1.84   | 0.14    | 17.23% | 5.02    |
| DD008F  | DD008F-002 | 1              | 2            | 5101.9 | 26.1   | 8.2    | 36.5   | 73.3   | 4      | 3586   | 0.7    | 1327.9 | 454.2  | 154.7  | 6.7    | 1.1    | 105   | 5.8    | 1310   | 219    | 27640  | 1.28   | 0.19    | 16.30% | 4.66    |
| DD008F  | DD008F-003 | 2              | 3            | 7084.7 | 27.7   | 7.5    | 42.3   | 84.6   | 3.6    | 5735.6 | 0.6    | 1567.8 | 579.7  | 177.1  | 7.5    | 0.9    | 93.5  | 5.1    | 2009   | 164    | 20767  | 1.81   | 0.29    | 13.88% | 3.50    |
| DD008F  | DD008F-004 | 3              | 4            | 11405  | 33.8   | 9.5    | 56.7   | 114.8  | 4.6    | 9463.3 | 0.7    | 2340   | 890.9  | 241.6  | 9.9    | 1      | 108.9 | 5.9    | 1897   | 310    | 49513  | 2.89   | 0.27    | 13.04% | 8.34    |
| DD008F  | DD008F-005 | 4              | 5            | 6261.5 | 26     | 8.5    | 39.8   | 78.7   | 3.7    | 4539.4 | 0.7    | 1563.3 | 543.2  | 173    | 6.5    | 1      | 100.8 | 6.2    | 1325   | 299    | 26276  | 1.56   | 0.19    | 15.72% | 4.43    |
| DD008F  | DD008F-006 | 5              | 6            | 159.6  | 4.3    | 2.1    | 2.4    | 6.4    | 0.9    | 134.8  | 0.2    | 60.3   | 18.4   | 8.4    | 0.8    | 0      | 26.1  | 1.9    | 38     | 17     | 3569   | 0.05   | 0.01    | 18.32% | 0.60    |
| DD008F  | DD008F-007 | 6              | 7            | 252.8  | 7.2    | 3.3    | 3.7    | 10.1   | 1.4    | 163.7  | 0.3    | 85.5   | 24.8   | 14     | 1.3    | 0      | 36.1  | 3      | 48     | 6      | 2678   | 0.07   | 0.01    | 18.04% | 0.45    |
| DD008F  | DD008F-008 | 7              | 8            | 258.8  | 7.6    | 3.4    | 3.8    | 9.8    | 1.4    | 163.4  | 0.3    | 89.8   | 26.4   | 13     | 1.2    | 0      | 36.6  | 2.9    | 48     | 6      | 2753   | 0.07   | 0.01    | 18.66% | 0.46    |
| DD008F  | DD008F-009 | 8              | 9            | 108.2  | 5.8    | 2.8    | 2.2    | 6.8    | 1.1    | 67     | 0.3    | 41.3   | 11.9   | 7.6    | 0.9    | 0      | 27.1  | 2.6    | 39     | 16     | 2838   | 0.03   | 0.01    | 18.46% | 0.48    |
| DD008F  | DD008F-010 | 9              | 10           | 1953.7 | 15     | 4.9    | 24.4   | 51.5   | 2      | 975.8  | 0.4    | 646.8  | 199.3  | 96.9   | 4.5    | 0.6    | 55.1  | 4      | 786    | 255    | 5276   | 0.47   | 0.11    | 20.90% | 0.89    |
| DD008F  | DD008F-011 | 10             | 11           | 2781.3 | 19.3   | 5.7    | 35     | 72.6   | 2.5    | 1625.8 | 0.5    | 934.7  | 283.6  | 140.8  | 6      | 0.7    | 71.8  | 4.2    | 1304   | 264    | 11892  | 0.70   | 0.19    | 20.29% | 2.00    |
| DD008F  | DD008F-013 | 11             | 12           | 3251.6 | 47     | 11.9   | 49.3   | 119.4  | 5.9    | 1812.8 | 1      | 1119   | 339.2  | 180.2  | 13     | 1.5    | 157.4 | 8.6    | 814    | 288    | 18058  | 0.83   | 0.12    | 20.41% | 3.04    |
| DD008F  | DD008F-014 | 12             | 13           | 3839.3 | 53.9   | 13.3   | 54.1   | 131.2  | 6.5    | 2324.1 | 1.1    | 1294.3 | 389.3  | 198.2  | 14.5   | 1.6    | 172.3 | 9.7    | 591    | 294    | 27107  | 1.00   | 0.08    | 19.72% | 4.57    |
| DD008F  | DD008F-015 | 13             | 14           | 3395.9 | 40.3   | 9.2    | 51.2   | 126.9  | 4.5    | 2142.9 | 0.7    | 1201.2 | 350.2  | 182.5  | 13.1   | 1.1    | 118.3 | 6.5    | 548    | 193    | 29425  | 0.90   | 0.08    | 20.22% | 4.96    |
| DD008F  | DD008F-016 | 14             | 15           | 2660.7 | 20.4   | 6.6    | 29.1   | 62.2   | 2.8    | 1258.6 | 0.6    | 972.8  | 295.4  | 125.2  | 5.9    | 0.9    | 77.5  | 5      | 527    | 238    | 20100  | 0.65   | 0.08    | 22.88% | 3.39    |
| DD008F  | DD008F-017 | 15             | 16           | 1508.1 | 18.6   | 6.5    | 18.5   | 38.6   | 2.8    | 720.6  | 0.6    | 552.6  | 161.5  | 77.1   | 3.9    | 0.9    | 80.9  | 5.4    | 1538   | 310    | 12036  | 0.37   | 0.22    | 22.25% | 2.03    |
| DD008F  | DD008F-018 | 16             | 17           | 5858.6 | 64.2   | 20.8   | 56.5   | 127.2  | 9.7    | 3803.9 | 1.6    | 1742   | 561.4  | 221.4  | 14.2   | 2.6    | 262.3 | 14.4   | 1535   | 140    | 32698  | 1.50   | 0.22    | 17.98% | 5.51    |
| DD008F  | DD008F-019 | 17             | 18           | 6873.9 | 82.8   | 27.8   | 68.4   | 159.7  | 12.5   | 4604   | 2.2    | 1969.5 | 639.9  | 257.6  | 18.4   | 3.5    | 342.5 | 19.3   | 1480   | 90     | 36104  | 1.77   | 0.21    | 17.23% | 6.08    |
| DD008F  | DD008F-020 | 18             | 19           | 6431.6 | 109.6  | 38.8   | 83.8   | 193.8  | 17.2   | 3761.6 | 2.9    | 2057.2 | 642.5  | 300    | 22.5   | 5      | 473.7 | 26.1   | 1253   | 206    | 33550  | 1.66   | 0.18    | 18.96% | 5.65    |
| DD008F  | DD008F-022 | 19             | 20           | 6754.9 | 118.4  | 44.4   | 88.9   | 208.3  | 19     | 3898.8 | 3.5    | 2213.2 | 681.4  | 324.1  | 24     | 5.4    | 531.7 | 30.9   | 836    | 319    | 37079  | 1.75   | 0.12    | 19.27% | 6.25    |
| DD008F  | DD008F-023 | 20             | 21           | 7372.2 | 115.5  | 44.6   | 89.3   | 200    | 19.3   | 4180.3 | 3.4    | 2350.2 | 730.5  | 331.9  | 22.7   | 5.7    | 525.2 | 30.5   | 937    | 270    | 39090  | 1.88   | 0.13    | 19.13% | 6.59    |
| DD008F  | DD008F-024 | 21             | 22           | 6818.2 | 94.8   | 35.7   | 78.3   | 175    | 15.3   | 4095.5 | 2.8    | 2141.3 | 674.5  | 295    | 19.6   | 4.8    | 420.8 | 24.6   | 1047   | 181    | 34186  | 1.75   | 0.15    | 18.82% | 5.76    |
| DD008F  | DD008F-025 | 22             | 23           | 6561   | 117    | 49     | 85     | 193.2  | 20.3   | 3656.4 | 4      | 2180.7 | 666.5  | 311.8  | 22.4   | 6.6    | 568.1 | 35.1   | 970    | 273    | 39059  | 1.70   | 0.14    | 19.56% | 6.18    |
| DD008F  | DD008F-027 | 23             | 24           | 7717.1 | 106.4  | 41.8   | 90.2   | 194.9  | 17.8   | 4435.4 | 3.4    | 2460.1 | 769    | 338.6  | 21.7   | 5.5    | 493.9 | 30.4   | 857    | 243    | 54150  | 1.96   | 0.12    | 19.22% | 9.12    |
| DD008F  | DD008F-028 | 24             | 25           | 7852.1 | 38.3   | 15.4   | 39.7   | 84.1   | 6.3    | 6993.3 | 1.5    | 1489.3 | 587.4  | 157.1  | 8.4    | 2.2    | 176.5 | 13.6   | 792    | 105    | 33468  | 2.05   | 0.11    | 11.85% | 5.61    |
| DD008F  | DD008F-029 | 25             | 26           | 6631.4 | 37.8   | 13.4   | 39.5   | 82.7   | 5.9    | 5283.5 | 1.2    | 1449.2 | 533.9  | 160.4  | 8.2    | 1.9    | 157   | 10.6   | 1230   | 69     | 26758  | 1.69   | 0.18    | 13.70% | 4.54    |
| DD008F  | DD008F-031 | 26             | 27           | 7365.4 | 58.3   | 21.2   | 61.6   | 128.6  | 9.1    | 4922.7 | 1.6    | 1989.1 | 666.2  | 244.3  | 13     | 2.8    | 248.8 | 14.6   | 1139   | 123    | 37951  | 1.85   | 0.16    | 16.72% | 6.29    |
| DD008F  | DD008F-032 | 27             | 28           | 2293.5 | 97     | 40.9   | 48.6   | 127    | 16.9   | 1324.2 | 3.8    | 738.1  | 225.3  | 147.5  | 17     | 5.7    | 486.8 | 33.3   | 1088   | 105    | 7653   | 0.66   | 0.16    | 17.04% | 1.39    |
| DD008F  | DD008F-033 | 28             | 29           | 2811.4 | 99.7   | 42.8   | 51.7   | 133.7  | 18     | 1688.1 | 4      | 925.9  | 279.3  | 163.5  | 17.8   | 6.2    | 500.9 | 35.8   | 965    | 123    | 9037   | 0.80   | 0.14    | 17.64% | 4.12    |
| DD008F  | DD008F-034 | 29             | 30           | 5793.1 | 68.6   | 26.9   | 51.2   | 118.3  | 11.4   | 4543   | 2.4    | 1369.3 | 481.9  | 186.3  | 13.3   | 3.8    | 320.9 | 21.2   | 1649   | 261    | 24829  | 1.53   | 0.24    | 14.16% | 1.58    |
| DD008F  | DD008F-035 | 30             | 31           | 8274.9 | 34.2   | 10.1   | 49.3   | 100.7  | 4.7    | 6657.5 | 0.7    | 1849.5 | 676.6  | 206.7  | 9.4    | 1.2    | 117.6 | 6.5    | 1745   | 495    | 35858  | 2.11   | 0.25    | 13.96% | 6.04    |
| DD008F  | DD008F-036 | 31             | 32           | 5258.3 | 33.3   | 12     | 34.7   | 73.1   | 5.3    | 3905.4 | 1      | 1301.3 | 455.2  | 147.3  | 7.4    | 1.5    | 145.7 | 8.9    | 899    | 334    | 28410  | 1.33   | 0.13    | 15.36% | 4.79    |
| DD008F  | DD008F-037 | 32             | 33           | 2415.6 | 136.9  | 61.6   | 52     | 149.8  | 25.4   | 1433.1 | 5.5    | 797.8  | 242.1  | 147.2  | 22.3   | 8.6    | 703   | 48.8   | 1240   | 195    | 9664   | 0.74   | 0.18    | 16.46% | 1.63    |
| DD008F  | DD008F-038 | 33             | 34           | 6556.2 | 31.8   | 8.9    | 45.2   | 93.6   | 4.2    | 4911.2 | 0.7    | 1601.1 | 562.9  | 184.1  | 8.5    | 1.1    | 105   | 5.9    | 941    | 87     | 35006  | 1.65   | 0.13    | 15.27% | 5.90    |
| DD008F  | DD008F-040 | 34             | 35           | 7482.4 | 33.5   | 10.2   | 50.5   | 103.5  | 4.7    | 5889.8 | 0.7    | 1775.3 | 628.9  | 209.3  | 8.8    | 1.2    | 116.4 | 6.2    | 956    | 171    | 30000  | 1.91   | 0.14    | 14.68% | 5.05    |
| DD008F  | DD008F-041 | 35             | 36           | 5868   | 20.7   | 5.1    | 33.3   | 70.5   | 2.5    | 4888.9 | 0.4    | 1219.4 | 464    | 129.4  | 6.4    | 0.6    | 63.8  | 3.3    | 1105   | 452    | 24737  | 1.50   | 0.16    | 13.13% | 4.17    |
| DD008F  | DD008F-042 | 36             | 37           | 8179   | 25.2   | 6.1    | 48     | 98.8   | 2.9    | 6622   | 0.4    | 1779.7 | 658.6  | 190.2  | 8.4    | 0.6    | 72.8  | 3.7    | 1349   | 236    | 34514  | 2.07   | 0.19    | 13.73% | 5.82    |
| DD008F  | DD008F-043 | 37             | 38           | 5372.2 | 34.6   | 10.9   | 46.3   | 96.5   | 4.9    | 3141.7 | 0.8    | 1636.4 | 527    | 192.7  | 8.7    | 1.3    | 132.4 | 7.4    | 802    | 44     | 27343  | 1.31   | 0.11    | 19.23% | 4.61    |
| DD008F  | DD008F-044 | 38             | 39           | 7084.5 | 41.9   | 12.7   | 62.8   | 131.8  | 5.7    | 4790.3 | 0.9    | 1939   | 649.7  | 237.6  | 11.9   | 1.4    | 151.9 | 8      | 2130   | 78     | 34883  | 1.77   | 0.30    | 17.05% | 5.88    |
| DD008F  | DD008F-045 | 39             | 40           | 5444.3 | 119.5  | 40.9   | 77.4   | 192.6  | 18.7   | 2895.5 | 3      | 1832.1 | 561.5  | 272.9  | 23.8   | 5.1    | 510.3 | 26.7   | 718    | 343    | 27527  | 1.42   | 0.11    | 19.64% | 4.64    |
| DD008F  | DD008F-046 | 40             | 41           | 6685.1 | 50.2   | 18.3   | 56.8   | 113.3  | 7.9    | 4092.2 | 1.4    | 2004.1 | 647.7  | 243.2  | 11.1   | 2.2    | 215.6 | 12     | 1331   | 456    | 32801  | 1.66   | 0.19    | 18.66% | 5.13    |
| DD008F  | DD008F-047 | 41             | 42           | 7557.5 | 51.1   | 14.4   | 58.2   | 126.4  | 6.8    | 5551.1 | 1      | 1858.1 | 649.5  | 223.7  | 12.3   | 1.6    | 177.5 | 8.5    | 1239   | 167    | 36617  | 1.91   | 0.18    | 15.33% | 6.57    |
| DD008F  | DD008F-048 | 42             | 43           | 6255.2 | 43.3   | 11.6   | 60.8   | 128.6  | 5.7    | 3757.7 | 0.8    | 1888.3 | 609.3  | 239.4  | 11.9   | 1.4    | 144.1 | 7.4    | 1939   | 191    | 34155  | 1.54   | 0.28    | 18.91% | 5.75    |
| DD008F  | DD008F-049 | 43             | 44           | 7395.9 | 43.6   | 12.2   | 64.7   | 130.6  | 5.8    | 4778.6 | 0.9    | 2117.6 | 698.6  | 256.4  | 12.2   | 1.5    | 145.1 | 7.9    | 1612   | 190    | 35878  | 1.84   | 0.23    | 17.91% | 6.05    |
| DD008F  | DD008F-050 | 44             | 45           | 9288.2 | 41.5   | 12.3   | 66.7   | 129    | 5.5    | 6682.8 | 0.9    | 2327   | 810.8  | 275.9  | 11.3   | 1.4    | 145.4 | 8.1    | 943    | 128    | 44240  | 2.32   | 0.13    | 15.79% | 7.45    |
| DD008F  | DD008F-051 | 45             | 46           | 9405.1 | 29.6   | 8.8    | 58.2   | 112    | 3.9    | 7603.7 | 0.7    | 2099.3 | 761.1  | 237.3  | 8.1    | 1      | 105.9 | 5.9    | 826    | 56     | 40936  | 2.39   | 0.12    | 13.95% | 6.90    |
| DD008F  | DD008F-053 | 46             | 47           | 9952.8 | 33.3   | 8      | 55.1   | 114.6  | 3.9    | 8378.9 | 0.5    | 2009.2 | 773.4  | 219.1  | 9.8    | 0.9    | 91.8  | 4.6    | 1469   | 288    | 40721  | 2.54   | 0.21    | 12.81% | 6.86    |
| DD008F  | DD008F-054 | 47             | 48           | 4774.9 | 29.9   | 10.2   | 38.5   | 77     | 4.7    | 3083.7 | 0.8    | 1324.3 | 442.5  | 154.4  | 7.3    | 1.2    | 118.9 | 7      | 1070   | 454    | 18961  | 1.18   | 0.15    | 17.47% | 5.19    |
| DD008F  | DD008F-055 | 48             | 49           | 7694.7 | 31.3   | 8.6    | 44.5   | 92.1   | 4.1    | 6324   | 0.6    | 1593.2 | 602.5  | 176.5  | 8.6    | 0.9    | 99.4  | 5.2    | 1552   | 671    | 31652  | 1.95   | 0.22    | 13.11% | 3.33    |
| DD008F  | DD008F-056 | 49             | 50           | 6265   | 39     | 9.4    | 42.4   | 95.7   | 4.9    | 4915.8 | 0.7    |        |        |        |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008F  | DD008F-088 | 78                | 79              | 7775.9    | 23.4      | 4.2       | 47.2      | 97.7      | 2.3       | 6420.2    | 0.3       | 1633      | 612.8     | 185.5     | 8.4       | 0         | 52.5     | 2.3       | 975       | 156       | 34754     | 1.98      | 0.14       | 13.27%    | 5.86       |
| DD008F  | DD008F-089 | 79                | 80              | 9955.4    | 29.1      | 6         | 59        | 119.2     | 3         | 8307      | 0.4       | 2098.3    | 786.3     | 235.6     | 9.7       | 0.6       | 71       | 3.4       | 1480      | 122       | 40848     | 2.54      | 0.21       | 13.26%    | 6.88       |
| DD008F  | DD008F-090 | 80                | 81              | 9988.6    | 29.9      | 5.1       | 54.3      | 114.2     | 3         | 8506.8    | 0.3       | 1907.4    | 752       | 209.6     | 10.4      | 0         | 65       | 2.6       | 733       | 136       | 38694     | 2.54      | 0.10       | 12.24%    | 6.52       |
| DD008F  | DD008F-091 | 81                | 82              | 8733.3    | 25.4      | 4.6       | 52.3      | 107.7     | 2.4       | 7051.4    | 0.3       | 1826      | 693.7     | 201.8     | 9.2       | 0         | 55.4     | 2.9       | 1228      | 431       | 32743     | 2.20      | 0.18       | 13.38%    | 5.52       |
| DD008F  | DD008F-093 | 82                | 83              | 8532.1    | 23.3      | 4.5       | 52        | 102.9     | 2.2       | 6822.8    | 0.3       | 1806      | 682.7     | 206       | 8.6       | 0.5       | 53.7     | 3.1       | 1304      | 425       | 39381     | 2.14      | 0.19       | 13.56%    | 6.64       |
| DD008F  | DD008F-094 | 83                | 84              | 8537.3    | 20.2      | 4.4       | 47.4      | 90.2      | 2.1       | 6859.7    | 0.4       | 1797.2    | 677.2     | 191       | 7.2       | 0         | 49.5     | 3.9       | 1546      | 559       | 32784     | 2.14      | 0.22       | 13.49%    | 5.52       |
| DD008F  | DD008F-095 | 84                | 85              | 7569.1    | 23.4      | 5.7       | 42.9      | 88.4      | 2.4       | 6032.7    | 0.5       | 1602.6    | 606.1     | 171.6     | 7.5       | 0.7       | 61.7     | 4.7       | 1488      | 389       | 31912     | 1.90      | 0.21       | 13.57%    | 5.38       |
| DD008F  | DD008F-096 | 85                | 86              | 15584     | 29.8      | 4.8       | 70.5      | 144.7     | 2.6       | 13849     | 0.4       | 2693.1    | 1217.8    | 274.5     | 11.5      | 0         | 54.7     | 3.5       | 854       | 46        | 68620     | 3.98      | 0.12       | 11.49%    | 11.56      |
| DD008F  | DD008F-097 | 86                | 87              | 9066.8    | 22.7      | 5         | 49.5      | 98.2      | 2.5       | 7364.4    | 0.5       | 1880.9    | 714.4     | 198.4     | 7.9       | 0.6       | 57.6     | 4.2       | 988       | 228       | 43474     | 2.28      | 0.14       | 13.28%    | 7.32       |
| DD008F  | DD008F-098 | 87                | 88              | 6251.8    | 50.9      | 12.5      | 49.3      | 112.8     | 6.5       | 4243      | 0.8       | 1638.5    | 567.3     | 191.1     | 12.1      | 1.4       | 158.5    | 7.2       | 2211      | 297       | 22946     | 1.56      | 0.32       | 16.52%    | 3.87       |
| DD008F  | DD008F-099 | 88                | 89              | 5879.7    | 68        | 17.5      | 56.8      | 132       | 9         | 4028.6    | 1.1       | 1616.7    | 539.8     | 203.9     | 15.5      | 2.1       | 227.4    | 9.5       | 1498      | 236       | 24485     | 1.50      | 0.21       | 16.77%    | 4.13       |
| DD008F  | DD008F-100 | 89                | 90              | 8674.1    | 28.1      | 6.7       | 48.6      | 98.8      | 3.1       | 6992.2    | 0.6       | 1906.4    | 705.1     | 201.2     | 8.5       | 0.8       | 77.7     | 5.4       | 1385      | 234       | 36672     | 2.20      | 0.20       | 13.88%    | 6.18       |
| DD008F  | DD008F-102 | 90                | 91.22           | 6273.5    | 17.9      | 5.1       | 32.7      | 65.1      | 2.1       | 4955.9    | 0.4       | 1351.2    | 505.6     | 137.6     | 5.7       | 0.6       | 55.5     | 3.9       | 1557      | 175       | 23725     | 1.57      | 0.22       | 13.80%    | 4.00       |
| DD008F  | DD008F-103 | 91.22             | 92              | 111       | 4.1       | 2         | 1.9       | 5.3       | 0.7       | 70.6      | 0.2       | 39        | 12        | 7         | 0.7       | 0         | 19.1     | 1.6       | 41        | 5         | 1491      | 0.03      | 0.01       | 18.39%    | 0.25       |
| DD008F  | DD008F-104 | 92                | 93              | 81.7      | 4         | 2         | 2.1       | 5.3       | 0.8       | 48.8      | 0.2       | 32.3      | 8.9       | 5.6       | 0.7       | 0         | 19.8     | 1.4       | 51        | 5         | 1681      | 0.03      | 0.01       | 19.11%    | 0.28       |
| DD008F  | DD008F-105 | 93                | 94              | 99.5      | 4.4       | 1.8       | 2.1       | 5.7       | 0.8       | 58.3      | 0.2       | 37.5      | 11.2      | 6.5       | 0.7       | 0         | 19.6     | 1.6       | 27        | 3         | 1024      | 0.03      | 0.00       | 19.33%    | 0.17       |
| DD008F  | DD008F-107 | 94                | 95.4            | 281.6     | 5         | 2.2       | 3.1       | 7.9       | 0.9       | 203.8     | 0.2       | 80.1      | 25.7      | 11.7      | 1         | 0         | 22.4     | 2         | 63        | 9         | 1502      | 0.08      | 0.01       | 16.25%    | 0.25       |
| DD008F  | DD008F-108 | 95.4              | 97              | 8538.3    | 25.9      | 7.5       | 46.3      | 92.2      | 3.3       | 6698      | 0.6       | 1873.7    | 694.3     | 190.8     | 8.1       | 0.9       | 86       | 5.6       | 1807      | 318       | 36416     | 2.14      | 0.26       | 14.01%    | 6.14       |
| DD008F  | DD008F-109 | 97                | 98              | 8621.5    | 19.6      | 5.1       | 40.2      | 76.7      | 2.3       | 6961      | 0.5       | 1732.6    | 666.7     | 171.7     | 6.5       | 0.6       | 54.7     | 4.2       | 1250      | 266       | 32415     | 2.15      | 0.18       | 13.02%    | 5.66       |
| DD008F  | DD008F-111 | 98                | 99              | 8728.1    | 18.2      | 4.6       | 39.1      | 79.2      | 2.1       | 6830      | 0.5       | 1762.8    | 669.7     | 178.3     | 6.4       | 0.7       | 52       | 4.2       | 1223      | 284       | 39687     | 2.15      | 0.18       | 13.20%    | 6.49       |
| DD008F  | DD008F-112 | 99                | 100             | 7046.8    | 18.6      | 4.6       | 36.3      | 75.9      | 2.1       | 5258.6    | 0.5       | 1531.5    | 559.1     | 159.7     | 6.1       | 0.6       | 51       | 4.1       | 1133      | 160       | 28740     | 1.73      | 0.16       | 14.12%    | 4.84       |
| DD008F  | DD008F-113 | 100               | 101             | 9126.1    | 16.8      | 3.8       | 41.6      | 81.9      | 1.6       | 6983.3    | 0.4       | 1974.2    | 725.1     | 193.3     | 6.1       | 0         | 39.2     | 3.3       | 1378      | 153       | 38640     | 2.25      | 0.20       | 14.02%    | 6.51       |
| DD008F  | DD008F-114 | 101               | 102             | 8649.9    | 17.6      | 3.1       | 43.9      | 89.6      | 1.5       | 6706.6    | 0.3       | 1814.1    | 677.2     | 189.2     | 6.8       | 0         | 33.8     | 2.6       | 619       | 61        | 37542     | 2.14      | 0.09       | 13.62%    | 6.33       |
| DD008F  | DD008F-115 | 102               | 103             | 8197.6    | 17.1      | 3.3       | 43.6      | 92.2      | 1.7       | 6383.4    | 0.4       | 1678.3    | 628.5     | 181.6     | 7         | 0         | 41.5     | 3.2       | 820       | 93        | 36937     | 2.02      | 0.12       | 13.31%    | 6.22       |
| DD008F  | DD008F-116 | 103               | 104             | 8949.6    | 22.6      | 4.4       | 50        | 108.7     | 2.1       | 6947.2    | 0.4       | 1856.8    | 698.5     | 209.3     | 8.3       | 0.5       | 53.6     | 3.4       | 1201      | 125       | 43719     | 2.22      | 0.17       | 13.47%    | 7.37       |
| DD008F  | DD008F-117 | 104               | 105             | 10012     | 28.7      | 6.5       | 57.2      | 125.4     | 3.1       | 7674.4    | 0.5       | 2146.3    | 793.1     | 234.2     | 10.2      | 0.8       | 78.5     | 4.8       | 1428      | 201       | 35624     | 2.48      | 0.20       | 13.84%    | 6.00       |
| DD008F  | DD008F-118 | 105               | 106             | 7777.5    | 21        | 4         | 41.7      | 89        | 1.9       | 5998.2    | 0.3       | 1547.4    | 600.5     | 164.2     | 7.5       | 0         | 47.5     | 2.8       | 640       | 120       | 31705     | 1.91      | 0.09       | 13.13%    | 5.34       |
| DD008F  | DD008F-120 | 106               | 107             | 9623.4    | 24.6      | 4.5       | 47.1      | 104       | 2.6       | 7535.2    | 0.3       | 1854.9    | 727.9     | 186.7     | 8.9       | 0         | 58       | 3         | 270       | 20        | 43513     | 2.36      | 0.04       | 12.76%    | 7.33       |
| DD008F  | DD008F-121 | 107               | 108             | 8290.9    | 20.5      | 4.1       | 41.5      | 87.1      | 2         | 6554.2    | 0.4       | 1628.9    | 626       | 166.7     | 7.4       | 0         | 49.1     | 3.2       | 263       | 19        | 38240     | 2.05      | 0.04       | 12.86%    | 6.44       |
| DD008F  | DD008F-122 | 108               | 109             | 9644.1    | 28.8      | 5.8       | 51.9      | 113.7     | 3         | 7520.3    | 0.5       | 2058.5    | 784       | 222.3     | 9.9       | 0.7       | 73.2     | 4.8       | 1018      | 190       | 31818     | 2.40      | 0.15       | 13.73%    | 5.36       |
| DD008F  | DD008F-123 | 109               | 110             | 9984.6    | 28.6      | 6.7       | 54.2      | 117.7     | 3.2       | 7912.6    | 0.5       | 2067.6    | 773.7     | 220.2     | 10.3      | 0.8       | 80       | 4.7       | 1893      | 389       | 35296     | 2.49      | 0.27       | 13.32%    | 5.95       |
| DD008F  | DD008F-124 | 110               | 111             | 8299.7    | 27.1      | 7.8       | 48.3      | 99.3      | 3.4       | 6365      | 0.7       | 1810.6    | 663.1     | 203.9     | 8.4       | 0.9       | 89.1     | 6         | 1258      | 241       | 31048     | 2.07      | 0.18       | 13.98%    | 5.23       |
| DD008F  | DD008F-125 | 111               | 112             | 8248.5    | 83        | 23.1      | 65.2      | 161.2     | 11.7      | 5690.3    | 1.8       | 2133.8    | 725.9     | 256.6     | 18.3      | 2.7       | 298.5    | 15.5      | 808       | 93        | 43288     | 2.08      | 0.12       | 16.06%    | 7.29       |
| DD008F  | DD008F-126 | 112               | 113             | 9358.6    | 211.1     | 58.1      | 115.1     | 320.4     | 29.2      | 6148.9    | 4.3       | 2671.2    | 850.4     | 385.6     | 43.2      | 7         | 763.8    | 38.6      | 811       | 69        | 39994     | 2.46      | 0.12       | 16.68%    | 6.74       |
| DD008F  | DD008F-127 | 113               | 114             | 9665.7    | 211.9     | 60        | 115.7     | 315.2     | 30.4      | 6147      | 4.6       | 2799.5    | 894.6     | 401.8     | 42.6      | 7.2       | 774.5    | 40.7      | 747       | 192       | 34875     | 2.52      | 0.11       | 17.08%    | 5.88       |
| DD008F  | DD008F-128 | 114               | 115             | 11205     | 22        | 7.4       | 48.7      | 92.8      | 3         | 8534      | 0.5       | 2497.7    | 905.4     | 239.1     | 7.1       | 0.8       | 81.2     | 4.9       | 985       | 171       | 39748     | 2.77      | 0.14       | 14.34%    | 6.70       |
| DD008F  | DD008F-129 | 115               | 116             | 327.3     | 4.2       | 1.9       | 3.5       | 8.3       | 0.7       | 232.7     | 0.2       | 89        | 30.6      | 11.9      | 0.9       | 0         | 19.4     | 1.6       | 51        | 14        | 2748      | 0.09      | 0.01       | 16.26%    | 0.46       |
| DD008F  | DD008F-130 | 116               | 117             | 2895      | 15.3      | 4.5       | 25.1      | 50.6      | 2         | 1567.5    | 0.3       | 861.3     | 275.1     | 99        | 4.4       | 0.5       | 47.2     | 2.7       | 430       | 34        | 17558     | 0.69      | 0.06       | 19.36%    | 2.96       |
| DD008F  | DD008F-131 | 117               | 118             | 6999.1    | 27.3      | 5.7       | 48.4      | 109.4     | 3         | 4875.1    | 0.4       | 1697.3    | 596.9     | 196.2     | 9.3       | 0.6       | 72.2     | 3.2       | 719       | 95        | 39635     | 1.71      | 0.10       | 15.62%    | 6.68       |
| DD008F  | DD008F-133 | 118               | 119             | 10366     | 21.9      | 3.2       | 54        | 119.6     | 1.8       | 8510.8    | 0.2       | 2033.4    | 782.2     | 213       | 9.7       | 0         | 39       | 1.8       | 666       | 323       | 30720     | 2.59      | 0.10       | 12.67%    | 5.18       |
| DD008F  | DD008F-134 | 119               | 120             | 9074.2    | 24.1      | 4.6       | 54.1      | 114.3     | 2.4       | 7260.3    | 0.3       | 1938.7    | 709.5     | 221.4     | 9.4       | 0         | 54.7     | 2.8       | 736       | 76        | 41041     | 2.28      | 0.11       | 13.56%    | 6.91       |
| DD008F  | DD008F-135 | 120               | 121             | 9064.6    | 30.4      | 7         | 50.7      | 109.7     | 3.4       | 6971.1    | 0.5       | 1825.3    | 694.5     | 192.5     | 9.5       | 0.8       | 88.5     | 4.1       | 873       | 261       | 28443     | 2.23      | 0.12       | 13.18%    | 4.79       |
| DD008F  | DD008F-136 | 121               | 122             | 10239     | 20.5      | 4.1       | 48.5      | 100       | 2         | 8472.7    | 0.2       | 1871.2    | 744.5     | 194.1     | 7.9       | 0         | 49.3     | 2.1       | 1007      | 102       | 33818     | 2.55      | 0.14       | 11.98%    | 5.70       |
| DD008F  | DD008F-137 | 122               | 123             | 6039.5    | 15.6      | 5.4       | 33.5      | 65.4      | 2.1       | 4431.8    | 0.4       | 1405.5    | 498.6     | 150.5     | 4.9       | 0.6       | 62       | 3.4       | 798       | 72        | 27170     | 1.49      | 0.11       | 14.92%    | 4.58       |
| DD008F  | DD008F-138 | 123               | 124             | 7876.2    | 17.4      | 5.3       | 47.4      | 92.8      | 2.3       | 6203.4    | 0.4       | 1716      | 620.7     | 207.7     | 6.1       | 0.6       | 65.8     | 3.3       | 584       | 82        | 34547     | 1.98      | 0.08       | 13.81%    | 5.82       |
| DD008F  | DD008F-139 | 124               | 125             | 5948.3    | 40.7      | 12.7      | 52        | 109       | 5.9       | 3598.1    | 1         | 1748.4    | 558.6     | 213.1     | 10.1      | 1.6       | 162      | 9.2       | 3188      | 144       | 31418     | 1.46      | 0.46       | 18.43%    | 5.29       |
| DD008F  | DD008F-140 | 125               | 126             | 6291.2    | 25        | 8.7       | 48.6      | 88.2      | 3.7       | 3778.1    | 0.6       | 1900.6    | 603.5     | 218       | 6.9       | 1.1       | 104.3    | 5.8       | 4242      | 99        | 35398     | 1.53      | 0.61       | 19.08%    | 5.96       |
| DD008F  | DD008F-141 | 126               | 127             | 6316.8    | 94.9      | 27.7      | 75.6      | 191.3     | 13.1      | 3667.7    | 2.1       | 1914.9    | 606.5     | 265.1     | 22        | 3.5       | 354.6    | 18.7      | 1697      | 17        | 36578     | 1.59      | 0.24       | 18.49%    | 6.16       |
| DD008F  | DD008F-142 | 127               | 128             | 5965.2    | 50.7      | 15.1      | 50.7      | 118       | 7.2       | 3755.1    | 1.1       | 1631      | 544.8     | 200.1     | 12.2      | 1.8       | 181.3    | 9.8       | 2471      | 50        | 24236     | 1.47      | 0.35       | 17.28%    | 4.08       |
| DD008F  | DD008F-143 | 128               | 129             | 5298.2    | 26        | 9.4       | 35.6      | 73.4      | 3.7       | 3473      | 0.7       | 1364.2    | 463.5     | 152       | 6.7       | 1.1       | 109      | 6.4       | 475       | 92        | 37799     | 1.29      | 0.07       | 16.52%    | 6.37       |
| DD0     |            |                   |                 |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID    | Sample No | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|------------|-----------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008F-191 | 169       | 170               | 4855.8          | 37.5      | 8.5       | 37        | 91.1      | 4.6       | 3882.7    | 0.7       | 1020.1    | 378.3     | 129.8     | 9.6       | 1         | 120.9     | 6        | 1832      | 63        | 21280     | 1.24      | 0.28      | 13.16%     | 3.59      |            |
| DD008F-192 | 170       | 171               | 3854.8          | 30.1      | 7.7       | 32.5      | 76.3      | 3.9       | 2951.6    | 0.6       | 856.3     | 306       | 114.2     | 7.5       | 0.9       | 100       | 5.5      | 2189      | 214       | 16406     | 0.98      | 0.31      | 13.87%     | 2.76      |            |
| DD008F-193 | 171       | 172               | 6008.2          | 51.2      | 13.4      | 53.2      | 124.9     | 6.8       | 4302.4    | 0.7       | 1532.6    | 514.2     | 201.9     | 12.4      | 1.4       | 180.4     | 6.6      | 1697      | 422       | 26286     | 1.52      | 0.24      | 15.67%     | 4.43      |            |
| DD008F-194 | 172       | 173               | 4621.6          | 65        | 19.4      | 58.7      | 137.9     | 9.6       | 2573      | 1.1       | 1491      | 457.8     | 220.5     | 14.3      | 2.1       | 249.7     | 9.3      | 1003      | 143       | 20726     | 1.16      | 0.14      | 19.54%     | 3.49      |            |
| DD008F-195 | 173       | 174               | 5077.9          | 102.3     | 30.4      | 77.3      | 186.8     | 15.3      | 2689.4    | 1.6       | 1708.8    | 512.7     | 266.5     | 21.3      | 3.2       | 387.2     | 14.2     | 1968      | 249       | 23024     | 1.30      | 0.28      | 19.92%     | 3.88      |            |
| DD008F-196 | 174       | 175               | 4440.2          | 40.7      | 10.3      | 50.6      | 111.7     | 5.3       | 2390      | 0.8       | 1438.1    | 443.4     | 200.7     | 10.1      | 1.2       | 139.9     | 6.7      | 1978      | 266       | 21126     | 1.09      | 0.28      | 20.18%     | 3.56      |            |
| DD008F-197 | 175       | 176               | 5112.8          | 71.1      | 21.3      | 62        | 144.4     | 10.6      | 2699.1    | 1.4       | 1688.4    | 518.3     | 238.9     | 15.2      | 2.6       | 283.4     | 12.1     | 1738      | 342       | 27066     | 1.28      | 0.25      | 20.19%     | 4.56      |            |
| DD008F-198 | 176       | 177               | 6999.6          | 75.5      | 24        | 77.3      | 171.4     | 11.2      | 3935.9    | 1.5       | 2203.4    | 685.4     | 301.2     | 17        | 2.6       | 300.4     | 13.2     | 1285      | 140       | 34329     | 1.73      | 0.18      | 19.47%     | 5.78      |            |
| DD008F-200 | 177       | 178               | 6317.7          | 41.4      | 11.3      | 53        | 120.9     | 5.4       | 4421.9    | 0.7       | 1572.2    | 541.2     | 203.7     | 11.1      | 1.3       | 136.3     | 6.2      | 1775      | 1372      | 21916     | 1.57      | 0.25      | 15.66%     | 3.69      |            |
| DD008F-201 | 178       | 179               | 4829.6          | 44.8      | 12.1      | 44.8      | 102.7     | 5.9       | 3202.3    | 0.7       | 1312.8    | 432.7     | 175.5     | 10.3      | 1.4       | 155.9     | 6        | 2041      | 537       | 17750     | 1.21      | 0.29      | 16.82%     | 2.99      |            |
| DD008F-202 | 179       | 180               | 5840.5          | 33.9      | 7.7       | 49.8      | 101.6     | 3.9       | 3972.4    | 0.6       | 1539      | 515.6     | 196       | 9.4       | 0.8       | 99.8      | 4.9      | 2586      | 1362      | 24532     | 1.45      | 0.37      | 16.55%     | 4.13      |            |
| DD008F-203 | 180       | 181               | 7193.3          | 36.4      | 8.5       | 49.4      | 109.9     | 4.3       | 5607      | 0.5       | 1601.8    | 572.8     | 192.9     | 10.1      | 0.9       | 112.5     | 4.7      | 2329      | 764       | 30667     | 1.82      | 0.33      | 13.98%     | 5.17      |            |
| DD008F-204 | 181       | 182               | 8078.8          | 32        | 6.4       | 55.9      | 118.7     | 3.4       | 6140      | 0.4       | 1805      | 645.3     | 217.6     | 10.8      | 0.6       | 81.4      | 3.3      | 2088      | 461       | 34555     | 2.01      | 0.30      | 14.20%     | 5.82      |            |
| DD008F-205 | 182       | 183               | 6320.4          | 30.9      | 6.4       | 51.2      | 111.2     | 3.5       | 4712      | 0.4       | 1543.7    | 528.1     | 198.7     | 9.5       | 0.7       | 84.6      | 3.5      | 1886      | 342       | 25414     | 1.59      | 0.27      | 15.18%     | 4.28      |            |
| DD008F-206 | 183       | 184               | 5306            | 33.8      | 7         | 50.2      | 112.7     | 4.2       | 3454.6    | 0.5       | 1485.2    | 481.1     | 199.3     | 10.4      | 0.8       | 98.7      | 4.6      | 1131      | 291       | 24316     | 1.32      | 0.16      | 17.42%     | 4.10      |            |
| DD008F-207 | 184       | 185               | 5338.6          | 34.3      | 8.1       | 52.8      | 112.4     | 4         | 2996      | 0.6       | 1682.5    | 523       | 212.7     | 9.9       | 1         | 106.1     | 5.5      | 1677      | 472       | 27928     | 1.30      | 0.24      | 19.83%     | 4.71      |            |
| DD008F-208 | 185       | 186               | 5216.9          | 37.9      | 8.8       | 57.3      | 117.4     | 4.6       | 2810      | 0.7       | 1725.5    | 532.5     | 222.4     | 11.1      | 1         | 119       | 6        | 1170      | 308       | 27108     | 1.27      | 0.17      | 20.70%     | 4.57      |            |
| DD008F-209 | 186       | 187               | 4685.7          | 43.9      | 10.7      | 55        | 119.9     | 5.5       | 2811.4    | 0.7       | 1459.8    | 456.5     | 206.3     | 11.9      | 1.1       | 141.2     | 6.3      | 1098      | 247       | 20331     | 1.17      | 0.16      | 19.06%     | 4.43      |            |
| DD008F-210 | 187       | 188               | 5146.1          | 28.8      | 7.6       | 51.6      | 101.5     | 3.6       | 2870.9    | 0.6       | 1667.8    | 520.8     | 215.8     | 8.8       | 0.9       | 93.9      | 4.8      | 1650      | 129       | 26184     | 1.26      | 0.24      | 20.35%     | 5.12      |            |
| DD008F-211 | 188       | 189               | 3700.4          | 24.3      | 5.3       | 40        | 80.1      | 2.8       | 1989.7    | 0.4       | 1216.4    | 373.1     | 158.7     | 7.3       | 0.6       | 70.5      | 3.4      | 1627      | 75        | 25049     | 0.90      | 0.23      | 20.63%     | 4.22      |            |
| DD008F-213 | 189       | 190               | 5568.2          | 56.9      | 13.6      | 62.6      | 136.9     | 7.3       | 3219.1    | 0.8       | 1743.2    | 539.9     | 236.3     | 14.6      | 1.3       | 185.2     | 6.7      | 1601      | 294       | 29388     | 1.38      | 0.23      | 19.29%     | 4.95      |            |
| DD008F-214 | 190       | 191               | 4311            | 59.6      | 14.3      | 51.3      | 118       | 8         | 2488.9    | 0.9       | 1365.7    | 423.4     | 188.5     | 13.9      | 1.5       | 198.2     | 7.8      | 1301      | 244       | 22905     | 1.08      | 0.19      | 19.26%     | 3.86      |            |
| DD008F-215 | 191       | 192               | 2992.8          | 67.1      | 17.7      | 42.5      | 103.2     | 9.5       | 1735.8    | 1.2       | 961.4     | 296.4     | 142.1     | 14.3      | 2         | 248.1     | 10.2     | 1188      | 73        | 14195     | 0.78      | 0.17      | 18.83%     | 2.39      |            |
| DD008F-216 | 192       | 193               | 9559.3          | 41.9      | 7.7       | 58.3      | 126.8     | 4.5       | 7802.6    | 0.7       | 1978.4    | 768       | 224.9     | 13.1      | 0.9       | 109.2     | 5.8      | 802       | 123       | 38739     | 2.42      | 0.11      | 13.22%     | 6.53      |            |
| DD008F-217 | 193       | 194               | 9144.1          | 32.3      | 4.5       | 49.3      | 106.2     | 3         | 7783.5    | 0.3       | 1715.6    | 675.9     | 190.3     | 10.2      | 0         | 66.7      | 2.6      | 530       | 288       | 37321     | 2.32      | 0.08      | 12.05%     | 6.29      |            |
| DD008F-218 | 194       | 195               | 8580.5          | 40.7      | 7         | 56.1      | 122.5     | 4.2       | 7057.3    | 0.5       | 1760.1    | 658.1     | 208.9     | 12.2      | 0.7       | 95.8      | 3.9      | 1230      | 370       | 39191     | 2.18      | 0.18      | 12.95%     | 6.60      |            |
| DD008F-219 | 195       | 196               | 6390.2          | 47.8      | 9.1       | 62.5      | 136.4     | 5.3       | 4370.6    | 0.6       | 1736.4    | 572.7     | 234.2     | 13.9      | 1         | 127.8     | 5        | 1622      | 311       | 30124     | 1.61      | 0.23      | 16.78%     | 5.08      |            |
| DD008F-220 | 196       | 197               | 6231.7          | 38.5      | 7.2       | 55        | 117.6     | 4.1       | 4118.7    | 0.5       | 1710.4    | 562.8     | 217.8     | 11.7      | 0.7       | 98.2      | 3.9      | 1825      | 256       | 26320     | 1.54      | 0.26      | 17.19%     | 4.43      |            |
| DD008F-221 | 197       | 198               | 6963.4          | 36.4      | 5.6       | 50.6      | 106       | 3.6       | 5506.8    | 0.3       | 1550.2    | 554.5     | 189.3     | 11        | 0.5       | 82        | 2.7      | 1144      | 86        | 31983     | 1.76      | 0.16      | 13.93%     | 5.39      |            |
| DD008F-222 | 198       | 199               | 6566.9          | 36        | 6.1       | 58        | 121       | 3.6       | 4463.7    | 0.4       | 1713.3    | 577.3     | 221.9     | 11.4      | 0.5       | 83.7      | 3.2      | 2048      | 754       | 28075     | 1.62      | 0.29      | 16.47%     | 4.73      |            |
| DD008F-223 | 199       | 200               | 9984.2          | 49        | 7.9       | 63.4      | 140.3     | 4.9       | 8440.3    | 0.4       | 1978.3    | 819.1     | 234       | 14.6      | 0.8       | 115.7     | 3.7      | 594       | 115       | 43321     | 2.56      | 0.09      | 12.76%     | 7.30      |            |
| DD008F-224 | 200       | 201               | 6349.5          | 36.3      | 6.9       | 51.9      | 109.7     | 3.9       | 4610.9    | 0.5       | 1534.8    | 531.9     | 198.2     | 10.3      | 0.7       | 96.8      | 3.9      | 1792      | 308       | 25122     | 1.59      | 0.26      | 15.21%     | 4.23      |            |
| DD008F-225 | 201       | 202               | 5536.9          | 37.7      | 7.9       | 52.3      | 112       | 4.5       | 3531.7    | 0.5       | 1559.4    | 507.2     | 207.6     | 10.8      | 0.8       | 108.8     | 4.2      | 961       | 268       | 11358     | 1.37      | 0.14      | 17.63%     | 1.91      |            |
| DD008F-227 | 202       | 203               | 8880.3          | 43.6      | 8.4       | 64.4      | 137.9     | 4.6       | 6707.7    | 0.5       | 2084      | 797.9     | 252.2     | 13.7      | 0.8       | 115.1     | 4.5      | 1449      | 111       | 37090     | 2.24      | 0.21      | 15.03%     | 6.25      |            |
| DD008F-228 | 203       | 204               | 9751.1          | 29.4      | 4.6       | 55.7      | 116.6     | 2.8       | 8034.2    | 0.2       | 1970      | 813.9     | 223.1     | 10.4      | 0         | 61.1      | 2.1      | 611       | 1140      | 40988     | 2.47      | 0.09      | 13.17%     | 6.91      |            |
| DD008F-229 | 204       | 205               | 6955.1          | 38.2      | 6.1       | 54.8      | 120       | 3.7       | 5214.6    | 0.4       | 1652.8    | 576.3     | 207.1     | 11.8      | 0.6       | 86        | 3.3      | 833       | 93        | 29966     | 1.75      | 0.12      | 14.88%     | 5.05      |            |
| DD008F-231 | 205       | 206               | 8120.7          | 41.3      | 6.9       | 59.4      | 126.6     | 4.2       | 6490.9    | 0.4       | 1799.4    | 645.7     | 219.6     | 12.7      | 0.6       | 98.8      | 3.4      | 1175      | 587       | 32666     | 2.07      | 0.31      | 13.82%     | 5.50      |            |
| DD008F-232 | 206       | 207               | 8208.1          | 35.3      | 6.6       | 63.5      | 129.5     | 3.7       | 5986.4    | 0.4       | 2001.2    | 688.5     | 252.7     | 11.3      | 0.7       | 91.3      | 3.6      | 1915      | 166       | 38508     | 2.05      | 0.27      | 15.34%     | 6.49      |            |
| DD008F-233 | 207       | 208               | 6702.3          | 36.8      | 8         | 62        | 123.9     | 4.2       | 3937.4    | 0.5       | 1963.8    | 631.4     | 244.4     | 11        | 0.8       | 103.5     | 4.2      | 1407      | 147       | 29514     | 1.62      | 0.20      | 18.70%     | 4.97      |            |
| DD008F-234 | 208       | 209               | 6552.1          | 41.3      | 9.1       | 56.7      | 119.8     | 5         | 3701.5    | 0.6       | 1914.8    | 618.1     | 232.4     | 11.6      | 0.9       | 126.1     | 4.9      | 1267      | 155       | 32866     | 1.57      | 0.18      | 18.87%     | 6.54      |            |
| DD008F-235 | 209       | 210               | 8405.8          | 58.5      | 10        | 63.8      | 150.8     | 6         | 6805.6    | 0.6       | 1793.8    | 655.9     | 223.1     | 16.9      | 0.9       | 144.7     | 5        | 889       | 375       | 36480     | 2.15      | 0.13      | 13.71%     | 5.15      |            |
| DD008F-236 | 210       | 211               | 10018           | 51.1      | 7.7       | 61.1      | 142.4     | 5.1       | 8549.5    | 0.4       | 1973.6    | 833.3     | 221.1     | 15.1      | 0.6       | 112.9     | 3.4      | 830       | 163       | 35829     | 2.58      | 0.12      | 12.72%     | 6.04      |            |
| DD008F-237 | 211       | 212               | 12029           | 46.1      | 6.5       | 61.5      | 141.8     | 4.5       | 10724     | 0.3       | 2118      | 940.4     | 223.3     | 14.9      | 0         | 95.6      | 2.2      | 373       | 75        | 46073     | 3.09      | 0.05      | 11.54%     | 7.76      |            |
| DD008F-238 | 212       | 213               | 10058           | 23        | 3.2       | 48.3      | 103.9     | 2         | 9081.7    | 0.1       | 1843.5    | 882.8     | 189.6     | 9.3       | 0         | 43        | 1.1      | 440       | 97        | 40053     | 2.64      | 0.06      | 11.72%     | 6.75      |            |
| DD008F-240 | 213       | 214               | 3521.3          | 15.8      | 3.8       | 24.8      | 51.3      | 1.8       | 2754.4    | 0.3       | 796.9     | 282.9     | 97.6      | 4.9       | 0         | 48.4      | 2.6      | 526       | 37        | 14353     | 0.89      | 0.08      | 14.14%     | 2.42      |            |
| DD008F-241 | 214       | 215               | 3169.1          | 15.7      | 3.6       | 23.5      | 49.3      | 1.8       | 2454.8    | 0.3       | 727.6     | 255.3     | 91.5      | 4.7       | 0         | 47.4      | 2.4      | 490       | 39        | 13260     | 0.80      | 0.07      | 14.31%     | 2.23      |            |
| DD008F-242 | 215       | 216               | 7383.3          | 27.5      | 5.5       | 45.3      | 93.5      | 3         | 6085.9    | 0.4       | 1529.4    | 565.2     | 175.2     | 8.6       | 0         | 72.4      | 3.1      | 982       | 102       | 27928     | 1.87      | 0.14      | 13.05%     | 4.71      |            |
| DD008F-243 | 216       | 217               | 6811.4          | 35.6      | 7.9       | 55.2      | 117.7     | 4.1       | 4501.9    | 0.5       | 1831.2    | 607.2     | 221.3     | 11        | 0.8       | 102.7     | 4.5      | 1396      | 193       | 28274     | 1.68      | 0.20      | 16.98%     | 4.76      |            |
| DD008F-244 | 217       | 218               | 6979.1          | 34.7      | 7.6       | 51.2      | 111.9     | 3.9       | 5110.8    | 0.5       | 1663.3    | 583.2     | 202.4     | 10.7      | 0.7       | 94.9      | 4.3      | 1483      | 221       | 27350     | 1.74      | 0.21      | 15.07%     | 4.61      |            |
| DD008F-245 | 218       | 219               | 6971.2          | 30.7      | 5.8       | 49.5      | 107.3     | 3.4       | 5208.3    | 0.3       | 1613.8    | 574.7     | 193.9     | 9.9       | 0.5       | 77.1      | 3        | 1670      | 160       | 32856     | 1.74      | 0.24      | 14.69%     | 5.50      |            |
| DD008F-246 | 219       | 220               | 9373.7          | 30.8      | 5.2       | 55.9      | 118.8     | 3         | 7604.2    | 0.3       | 1913.1    | 791.9     | 216.5     | 10.3      | 0         | 67.7      | 2.6      | 1617      | 191       | 37048     | 2.37      | 0.23      | 13.35%     | 6.24      |            |
| DD008F-247 | 220       | 221               | 6903.3          | 31.7      |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID    | Sample No | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|------------|-----------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008F-291 | 259       | 260               | 9598.7          | 30.4      | 5.5       | 51.5      | 111.5     | 3.1       | 7899.2    | 0.3       | 1884.9    | 778.1     | 203.6     | 10.2      | 0.5       | 66.3      | 2.9      | 1871      | 371       | 31526     | 2.42      | 0.27      | 12.86%     | 5.31      |            |
| DD008F-293 | 260       | 261               | 10582           | 37.4      | 8         | 62.1      | 130.7     | 4.3       | 8508.9    | 0.5       | 2177.4    | 894.5     | 244.3     | 11.5      | 0.8       | 100.3     | 4.1      | 1489      | 102       | 38387     | 2.67      | 0.21      | 13.45%     | 6.47      |            |
| DD008F-294 | 261       | 262               | 10144           | 80.7      | 26.7      | 79.9      | 174.9     | 12.4      | 7497.1    | 1.7       | 2474.7    | 924.7     | 316.3     | 18.2      | 2.8       | 320.7     | 14.2     | 1057      | 239       | 36318     | 2.59      | 0.15      | 15.33%     | 6.12      |            |
| DD008F-295 | 262       | 263               | 10533           | 58.6      | 18.3      | 71.1      | 157.4     | 8.5       | 7954      | 1.1       | 2360.4    | 922.7     | 277.8     | 14.7      | 2         | 220       | 9.6      | 1126      | 326       | 40899     | 2.65      | 0.16      | 14.47%     | 6.89      |            |
| DD008F-296 | 263       | 264               | 9305.3          | 35.8      | 10.1      | 59.6      | 123.7     | 4.6       | 7179.3    | 0.7       | 2011.6    | 805.2     | 237       | 10.6      | 1.1       | 118       | 5.5      | 1675      | 788       | 30034     | 2.33      | 0.24      | 14.10%     | 5.06      |            |
| DD008F-297 | 264       | 265               | 10371           | 39.8      | 11.1      | 66.6      | 137.7     | 5.2       | 7569.6    | 0.7       | 2387.5    | 933       | 272.6     | 11.8      | 1.2       | 133.8     | 6        | 714       | 97        | 40899     | 2.57      | 0.10      | 15.08%     | 6.89      |            |
| DD008F-298 | 265       | 266               | 8578.3          | 60.4      | 15.8      | 68.7      | 149.5     | 8         | 7552.8    | 0.9       | 2278.8    | 827.3     | 277.3     | 14.9      | 1.7       | 203.9     | 7.9      | 1286      | 95        | 37389     | 2.14      | 0.18      | 16.96%     | 6.30      |            |
| DD008F-299 | 266       | 267               | 6579.1          | 60.2      | 15.7      | 56.3      | 129.4     | 8.1       | 4246      | 0.9       | 1823      | 587.7     | 222.8     | 14.1      | 1.7       | 203.4     | 7.6      | 1415      | 21        | 29772     | 1.64      | 0.20      | 17.21%     | 5.02      |            |
| DD008F-300 | 267       | 268               | 7211.3          | 70.5      | 23.8      | 70.6      | 156.2     | 11.1      | 4049.9    | 1.5       | 2216.2    | 721.2     | 286.1     | 16.3      | 2.7       | 288.9     | 13.2     | 1582      | 5         | 33869     | 1.77      | 0.23      | 19.33%     | 5.71      |            |
| DD008F-301 | 268       | 269               | 7482.4          | 54.1      | 15.4      | 69.8      | 148.4     | 7.5       | 4336.5    | 1.1       | 2310      | 783.3     | 291.5     | 14.1      | 1.8       | 194.7     | 9.1      | 1921      | 15        | 34689     | 1.84      | 0.27      | 19.61%     | 5.84      |            |
| DD008F-302 | 269       | 270               | 5546.7          | 66.7      | 21        | 61.9      | 137.5     | 10        | 2963      | 1.5       | 1867.8    | 553.5     | 244.6     | 14.5      | 2.5       | 269.4     | 13.1     | 3395      | 17        | 32808     | 1.38      | 0.49      | 20.48%     | 5.53      |            |
| DD008F-303 | 270       | 270.76            | 5096.6          | 72.4      | 20.4      | 64.2      | 149.5     | 10.5      | 2735.5    | 1.4       | 1714.1    | 513       | 239.8     | 16.1      | 2.4       | 272.7     | 11.8     | 2262      | 77        | 24949     | 1.28      | 0.32      | 20.31%     | 4.20      |            |
| DD008F-304 | 270.76    | 272               | 5084.7          | 57        | 17.2      | 54.2      | 121.7     | 8.1       | 3063      | 1.2       | 1511.2    | 476.7     | 206.4     | 13.3      | 2         | 209.5     | 10       | 2039      | 59        | 23131     | 1.27      | 0.29      | 18.27%     | 3.90      |            |
| DD008F-305 | 272       | 273               | 5227.2          | 85.1      | 25.7      | 66.2      | 158.7     | 12.7      | 2952.8    | 1.7       | 1694.2    | 513.6     | 237.7     | 18.3      | 2.9       | 323.7     | 14.7     | 2271      | 16        | 24382     | 1.33      | 0.32      | 19.39%     | 4.11      |            |
| DD008F-307 | 273       | 274               | 4958.1          | 78.3      | 24.5      | 59.6      | 138.6     | 11.8      | 2809      | 1.7       | 1571.3    | 477.9     | 219.9     | 16.4      | 2.7       | 302.5     | 14.4     | 1968      | 30        | 23909     | 1.25      | 0.28      | 19.09%     | 4.03      |            |
| DD008F-308 | 274       | 275               | 6860.4          | 51.2      | 14.8      | 60        | 127.5     | 7.2       | 4339.6    | 1         | 1841.4    | 610.7     | 234.1     | 12.5      | 1.7       | 182       | 8.6      | 2226      | 162       | 30213     | 1.68      | 0.32      | 17.02%     | 5.09      |            |
| DD008F-309 | 275       | 276               | 8742.1          | 17.2      | 4.5       | 44.4      | 85.8      | 2         | 5859.5    | 0.3       | 1930.8    | 780.1     | 204.8     | 6.4       | 0         | 48.6      | 2.5      | 1288      | 534       | 37200     | 0.80      | 0.18      | 15.24%     | 6.27      |            |
| DD008F-311 | 276       | 277               | 4705.7          | 76.7      | 21.4      | 63.3      | 152.6     | 10.4      | 2655.4    | 1.4       | 1439.7    | 466.4     | 229.1     | 16.9      | 2.3       | 267.3     | 11.7     | 2083      | 58        | 24035     | 1.20      | 0.30      | 19.60%     | 4.05      |            |
| DD008F-312 | 277       | 278               | 5154.1          | 54.8      | 18.3      | 47.3      | 108.1     | 8.6       | 3331.3    | 1.3       | 1439.8    | 464       | 184.7     | 11.5      | 2.1       | 225.8     | 11.2     | 1856      | 76        | 26042     | 1.30      | 0.27      | 17.13%     | 4.39      |            |
| DD008F-313 | 278       | 279               | 4816.3          | 48.1      | 15.3      | 43.2      | 98.2      | 7.1       | 3238.1    | 1.1       | 1288.5    | 425.6     | 170       | 10.4      | 1.8       | 187.6     | 9.7      | 1280      | 192       | 24371     | 1.21      | 0.26      | 16.48%     | 4.11      |            |
| DD008F-314 | 279       | 280               | 4454.7          | 49.7      | 15.7      | 44.4      | 101       | 7.3       | 2660      | 1.1       | 1337.8    | 417.7     | 174.2     | 11.1      | 1.9       | 191.2     | 9.1      | 1925      | 476       | 21975     | 1.11      | 0.28      | 18.45%     | 3.70      |            |
| DD008F-315 | 280       | 281               | 4621            | 31.8      | 10.2      | 37.3      | 80.1      | 4.7       | 2908.9    | 0.8       | 1347.3    | 432.5     | 165.3     | 7.8       | 1.2       | 122.5     | 6.8      | 1616      | 336       | 25359     | 1.15      | 0.23      | 18.14%     | 4.27      |            |
| DD008F-316 | 281       | 282               | 5327.1          | 26.3      | 7.6       | 38.8      | 77.7      | 3.6       | 3335.5    | 0.6       | 1461.4    | 482.7     | 173.6     | 6.8       | 0.9       | 90.7      | 5.2      | 1606      | 333       | 26630     | 1.29      | 0.27      | 17.55%     | 4.49      |            |
| DD008F-317 | 282       | 283               | 4335.2          | 16.2      | 5.5       | 28.7      | 52.3      | 2.4       | 2499.2    | 0.5       | 1193.1    | 402.3     | 132.5     | 4.3       | 0.7       | 64        | 4.1      | 1765      | 378       | 18970     | 1.02      | 0.25      | 18.19%     | 3.20      |            |
| DD008F-318 | 283       | 284               | 2070.1          | 39        | 12.4      | 27.3      | 67.1      | 5.9       | 1136.6    | 1         | 705       | 206.6     | 105.3     | 8.1       | 1.6       | 161.9     | 8.1      | 1450      | 314       | 12671     | 0.53      | 0.21      | 19.96%     | 6.13      |            |
| DD008F-320 | 284       | 285               | 2870.1          | 50.1      | 13.6      | 42.8      | 103.7     | 6.6       | 1648.7    | 1         | 974.3     | 290.5     | 155.3     | 11.8      | 1.7       | 176.7     | 8.3      | 1183      | 295       | 16538     | 0.75      | 0.17      | 18.81%     | 2.79      |            |
| DD008F-321 | 285       | 286               | 3255.7          | 20.9      | 6.5       | 30.8      | 61        | 2.8       | 2067.5    | 0.5       | 1003.9    | 314.4     | 135.3     | 5.5       | 0.8       | 80.4      | 4.5      | 1658      | 331       | 19680     | 0.82      | 0.24      | 18.79%     | 3.32      |            |
| DD008F-322 | 286       | 287               | 2624.1          | 35.4      | 11.4      | 28.5      | 66.8      | 5.2       | 1448.1    | 0.9       | 845.9     | 265       | 116       | 7.6       | 1.4       | 141.7     | 7.9      | 1184      | 574       | 15550     | 0.66      | 0.17      | 19.73%     | 2.62      |            |
| DD008F-323 | 287       | 288               | 2006.9          | 28.4      | 9.3       | 22.5      | 50.3      | 4.1       | 1148.8    | 0.8       | 648.7     | 197.3     | 91.8      | 5.9       | 1.2       | 118.2     | 6.6      | 773       | 326       | 12272     | 0.51      | 0.11      | 19.40%     | 2.07      |            |
| DD008F-324 | 288       | 289               | 3788.5          | 29.3      | 8.6       | 37.4      | 77.4      | 4.1       | 2410.9    | 0.7       | 1103.8    | 355.4     | 155.6     | 7.5       | 1.1       | 111.2     | 5.8      | 921       | 186       | 19291     | 0.95      | 0.13      | 17.96%     | 3.25      |            |
| DD008F-325 | 289       | 290               | 3678.2          | 11.9      | 3.9       | 29.2      | 51.4      | 1.6       | 2240.4    | 0.3       | 1117.4    | 353.8     | 144.8     | 3.6       | 0         | 43.8      | 2.8      | 1322      | 397       | 23305     | 0.90      | 0.19      | 19.09%     | 3.93      |            |
| DD008F-326 | 290       | 291               | 3921.4          | 40.3      | 11.7      | 34.5      | 79.7      | 5.4       | 2149      | 0.8       | 1167.2    | 382.9     | 141       | 9.1       | 1.2       | 145       | 6.7      | 732       | 237       | 19984     | 0.95      | 0.10      | 19.07%     | 3.37      |            |
| DD008F-327 | 291       | 292               | 3162.9          | 15.7      | 5.7       | 26.4      | 49.3      | 2.2       | 1574.4    | 0.4       | 1071      | 332.9     | 125.8     | 4.2       | 0.7       | 66        | 3.7      | 655       | 282       | 20793     | 0.75      | 0.09      | 21.72%     | 3.50      |            |
| DD008F-328 | 292       | 293               | 3583.4          | 45.9      | 16        | 36.3      | 83.3      | 7.1       | 2033.6    | 1.2       | 1063.7    | 384.9     | 141       | 9.5       | 1.9       | 193.9     | 10.2     | 851       | 462       | 15655     | 0.89      | 0.12      | 18.53%     | 2.64      |            |
| DD008F-329 | 293       | 294               | 3336.6          | 30.4      | 10.1      | 36.6      | 74.7      | 4.3       | 2058.6    | 0.7       | 1029.6    | 323.5     | 149.5     | 7.1       | 1.2       | 124.9     | 6.1      | 791       | 232       | 17778     | 0.84      | 0.11      | 18.74%     | 3.00      |            |
| DD008F-330 | 294       | 295               | 2569.7          | 59.5      | 22        | 34.7      | 88.3      | 9.7       | 1465.6    | 1.7       | 818.1     | 255.8     | 128       | 11        | 2.8       | 272.8     | 14.8     | 1666      | 913       | 13428     | 0.88      | 0.24      | 18.55%     | 2.26      |            |
| DD008F-331 | 295       | 296               | 3663.2          | 29.9      | 12.2      | 26.3      | 52.9      | 4.9       | 2088.1    | 0.9       | 1083      | 353.3     | 121       | 5.7       | 1.4       | 132.9     | 7.8      | 757       | 280       | 16843     | 0.89      | 0.11      | 18.89%     | 2.84      |            |
| DD008F-333 | 296       | 297               | 5280.7          | 14.1      | 5.2       | 28.3      | 51.5      | 2.1       | 3252.1    | 0.5       | 1349.2    | 477.8     | 137.4     | 3.9       | 0.7       | 56.7      | 4.4      | 1145      | 325       | 26047     | 1.25      | 0.16      | 17.08%     | 3.99      |            |
| DD008F-334 | 297       | 298               | 8738            | 18.9      | 6.6       | 36.8      | 71.1      | 2.5       | 5600.9    | 0.5       | 1982.3    | 829.6     | 176.6     | 5.7       | 0.7       | 65.5      | 4.6      | 2252      | 913       | 41503     | 2.05      | 0.32      | 15.96%     | 6.99      |            |
| DD008F-335 | 298       | 299               | 8666            | 17.9      | 6.2       | 37.9      | 71.8      | 2.4       | 5615.9    | 0.6       | 1996.6    | 818.8     | 188.2     | 5.5       | 0.7       | 64.9      | 4.8      | 1553      | 592       | 40200     | 2.05      | 0.22      | 16.04%     | 6.77      |            |
| DD008F-336 | 299       | 300               | 3835.5          | 22.8      | 8.4       | 24.4      | 51        | 3.7       | 12718.2   | 0.7       | 1067.2    | 361.3     | 111.2     | 5.1       | 1         | 98.2      | 5.5      | 1682      | 554       | 19407     | 0.91      | 0.24      | 18.31%     | 3.22      |            |
| DD008F-337 | 300       | 301               | 3320.2          | 46.8      | 14.9      | 36.4      | 86.8      | 6.9       | 1870.7    | 1.2       | 1010.6    | 325.1     | 137.5     | 9.9       | 1.8       | 184.5     | 9.9      | 1210      | 361       | 18492     | 0.83      | 0.17      | 18.83%     | 3.12      |            |
| DD008F-338 | 301       | 302               | 3282.4          | 55        | 15.4      | 50.1      | 118.3     | 7.6       | 1775.6    | 1.2       | 1139.6    | 340.4     | 179.2     | 12.8      | 1.9       | 202       | 9.8      | 1105      | 511       | 17053     | 0.84      | 0.16      | 20.49%     | 2.87      |            |
| DD008F-339 | 302       | 303               | 2766.2          | 54.5      | 15.7      | 45.9      | 114.7     | 7.8       | 1470.1    | 1.1       | 977.1     | 291.6     | 158.8     | 12.7      | 1.9       | 202.4     | 9.7      | 780       | 488       | 17841     | 0.72      | 0.11      | 20.60%     | 3.01      |            |
| DD008F-340 | 303       | 304               | 4427.9          | 64.2      | 22.2      | 46.6      | 108.5     | 10        | 2555.5    | 1.7       | 1401.7    | 441.1     | 186.5     | 12.6      | 2.7       | 264.6     | 14.8     | 1193      | 139       | 31290     | 1.12      | 0.17      | 19.19%     | 5.27      |            |
| DD008F-342 | 304       | 305               | 3900            | 79.3      | 27.3      | 54.8      | 129.7     | 12.3      | 2088.1    | 2.1       | 1389.4    | 410.3     | 200.1     | 15.4      | 3.4       | 326.2     | 17.6     | 2353      | 24        | 27402     | 1.02      | 0.34      | 20.68%     | 4.62      |            |
| DD008F-343 | 305       | 306               | 4140.7          | 70.4      | 18.3      | 48        | 117.2     | 9.6       | 2505.6    | 1.3       | 1268.7    | 400.1     | 176.3     | 14.7      | 2.2       | 244       | 11.2     | 1465      | 240       | 24912     | 1.06      | 0.21      | 18.40%     | 4.20      |            |
| DD008F-344 | 306       | 307               | 6592.5          | 23.5      | 6.2       | 35.3      | 70.7      | 2.9       | 3939.1    | 0.4       | 1668.8    | 314.4     | 160.6     | 6.4       | 0.6       | 74.4      | 3.4      | 668       | 1053      | 30964     | 1.54      | 0.10      | 17.16%     | 5.22      |            |
| DD008F-345 | 307       | 308               | 3831.8          | 17.2      | 5.4       | 28.2      | 55.2      | 2.2       | 1942.6    | 0.4       | 1176      | 384.9     | 124.4     | 4.9       | 0.6       | 63.1      | 3.6      | 429       | 253       | 23052     | 0.89      | 0.06      | 20.36%     | 3.88      |            |
| DD008F-346 | 308       | 309               | 2521.4          | 16.4      | 4.6       | 26.4      | 55.7      | 1.9       | 1378.2    | 0.4       | 800.4     | 251.9     | 109.7     | 4.5       | 0.5       | 55.5      | 3.1      | 705       | 266       | 13186     | 0.61      | 0.10      | 20.05%     | 2.72      |            |
| DD008F-347 | 309       | 310               | 2814.4          | 12.6      | 3.8       | 25.7      | 50.8      | 1.6       | 1748.8    | 0.3       | 810.1     | 263.9     | 111.1     | 3.9       | 0         | 45.6      | 2.7      | 713       | 150       | 16013     | 0.69      | 0.10      | 18.16%     | 2.20      |            |
| DD008F-34  |           |                   |                 |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID    | Sample No | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|------------|-----------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008F-392 | 349       | 350               | 1158.7          | 55.3      | 18.7      | 38.4      | 101.9     | 8.3       | 513.8     | 1.7       | 581.3     | 143.8     | 128       | 12.1      | 2.5       | 229.5     | 14.3     | 1196      | 251       | 6157      | 0.35      | 0.17      | 23.93%     | 1.04      |            |
| DD008F-393 | 350       | 351               | 1555.1          | 18.1      | 6         | 20.4      | 43.6      | 2.6       | 714.5     | 0.6       | 606.9     | 171.2     | 92.7      | 4         | 0.8       | 76.8      | 4.8      | 1791      | 271       | 9126      | 0.39      | 0.26      | 23.36%     | 1.54      |            |
| DD008F-394 | 351       | 352               | 1823            | 15.6      | 5.4       | 17        | 34        | 2.3       | 1131.1    | 0.5       | 539.8     | 169.5     | 73.4      | 3.5       | 0.7       | 63.8      | 4.4      | 954       | 250       | 8650      | 0.46      | 0.14      | 18.19%     | 1.46      |            |
| DD008F-395 | 352       | 353               | 292.3           | 10.9      | 4.6       | 5.9       | 15.1      | 1.9       | 179.5     | 0.5       | 96.3      | 29.1      | 17.6      | 2.1       | 0.7       | 53.3      | 4.2      | 340       | 15        | 3359      | 0.08      | 0.05      | 17.43%     | 0.57      |            |
| DD008F-396 | 353       | 354               | 3195.2          | 22.6      | 6.8       | 22.1      | 49.6      | 3.2       | 2613      | 0.6       | 625.7     | 242.5     | 86.6      | 5.2       | 0.9       | 78        | 4.7      | 651       | 167       | 15545     | 0.82      | 0.09      | 12.43%     | 2.62      |            |
| DD008F-397 | 354       | 355               | 1759.4          | 13.5      | 4.2       | 14.3      | 31.3      | 2         | 1348.6    | 0.4       | 381.1     | 138       | 52.5      | 3         | 0.5       | 50.2      | 3.1      | 492       | 110       | 8381      | 0.45      | 0.07      | 13.60%     | 1.41      |            |
| DD008F-398 | 355       | 356               | 779.5           | 18.2      | 7         | 12.2      | 30.4      | 2.9       | 483.5     | 0.6       | 209       | 68.4      | 38.3      | 3.6       | 1         | 81.4      | 5.2      | 476       | 44        | 5281      | 0.20      | 0.07      | 15.84%     | 0.89      |            |
| DD008F-400 | 356       | 357               | 1150.3          | 14.7      | 5.4       | 10.8      | 26        | 2.4       | 797.4     | 0.5       | 265.6     | 93.5      | 36.1      | 2.8       | 0.6       | 63.1      | 4        | 658       | 208       | 6494      | 0.29      | 0.09      | 14.45%     | 1.09      |            |
| DD008F-401 | 357       | 358               | 573             | 10.5      | 4.6       | 6.7       | 16.6      | 1.8       | 383.5     | 0.5       | 154.2     | 51.9      | 22.6      | 2         | 0.7       | 50.9      | 4.2      | 435       | 35        | 4592      | 0.15      | 0.06      | 15.97%     | 0.77      |            |
| DD008F-402 | 358       | 359               | 237.7           | 7.6       | 3.3       | 3.8       | 10.2      | 1.3       | 137.6     | 0.4       | 79.4      | 23.6      | 13.5      | 1.3       | 0         | 35.5      | 3.4      | 530       | 59        | 2983      | 0.07      | 0.08      | 18.31%     | 0.50      |            |
| DD008F-403 | 359       | 360               | 272.5           | 6.1       | 2.8       | 4.2       | 10.1      | 1.2       | 160       | 0.4       | 83        | 26.4      | 13.6      | 1.2       | 0         | 32.6      | 3        | 607       | 23        | 2651      | 0.07      | 0.09      | 17.62%     | 0.45      |            |
| DD008F-404 | 360       | 361               | 1561.8          | 5.9       | 2         | 10.1      | 19.3      | 0.8       | 1168.6    | 0.3       | 371.3     | 130.5     | 44.4      | 1.6       | 0         | 24.8      | 2.2      | 945       | 1037      | 9917      | 0.39      | 0.14      | 14.96%     | 1.67      |            |
| DD008F-405 | 361       | 362               | 590.3           | 4.6       | 2.2       | 4.8       | 10.3      | 0.8       | 413.7     | 0.3       | 154.9     | 51.7      | 19.3      | 1         | 0         | 21.5      | 2.4      | 517       | 369       | 4761      | 0.15      | 0.07      | 16.10%     | 0.80      |            |
| DD008F-406 | 362       | 363               | 238.5           | 7         | 3.2       | 4         | 10.7      | 1.3       | 141.9     | 0.4       | 79.6      | 24.3      | 13.4      | 1.3       | 0.5       | 35.4      | 3.6      | 519       | 25        | 3522      | 0.07      | 0.07      | 18.26%     | 0.59      |            |
| DD008F-407 | 363       | 364               | 302.8           | 13.3      | 6.6       | 6.3       | 17.4      | 2.4       | 186.7     | 0.9       | 95.6      | 29.5      | 18.7      | 2.4       | 1         | 70.5      | 7.6      | 503       | 8         | 3343      | 0.09      | 0.07      | 16.27%     | 0.56      |            |
| DD008F-408 | 364       | 365               | 315.2           | 5.4       | 2.2       | 4.7       | 10.4      | 0.9       | 185.3     | 0.4       | 106.5     | 32.4      | 17.3      | 1.1       | 0         | 25.3      | 3.5      | 444       | 68        | 2833      | 0.08      | 0.06      | 19.45%     | 0.48      |            |
| DD008F-409 | 365       | 366.35            | 290.8           | 3.6       | 1.2       | 4.5       | 8.9       | 0.5       | 146.1     | 0.2       | 113.7     | 32.7      | 18.3      | 0.7       | 0         | 15.7      | 1.6      | 1185      | 564       | 4223      | 0.07      | 0.17      | 22.84%     | 0.71      |            |
| DD008F-410 | 366.35    | 367               | 480.6           | 4.5       | 1.6       | 5.3       | 10.3      | 0.6       | 271.9     | 0.2       | 163.3     | 50.6      | 23.6      | 0.9       | 0         | 20.9      | 1.9      | 1678      | 322       | 1814      | 0.12      | 0.24      | 20.56%     | 0.31      |            |
| DD008F-411 | 367       | 368               | 1753.7          | 16.3      | 6         | 16        | 34.4      | 2.4       | 1145.5    | 0.6       | 482.1     | 157.4     | 64.6      | 3.5       | 0.9       | 72.6      | 4.7      | 2182      | 646       | 7788      | 0.44      | 0.31      | 16.93%     | 1.31      |            |
| DD008F-413 | 368       | 369               | 6277.4          | 28.1      | 9.1       | 35.2      | 74.4      | 4         | 4447      | 0.7       | 1440.3    | 521.3     | 159.1     | 6.6       | 1.1       | 103.1     | 5.9      | 1258      | 315       | 26851     | 1.54      | 0.18      | 14.91%     | 4.52      |            |
| DD008F-414 | 369       | 370               | 8425.1          | 59.7      | 20.7      | 55.6      | 123.3     | 9.2       | 6084.4    | 1.5       | 2003.8    | 704.3     | 238.9     | 12.5      | 2.5       | 239.2     | 12.4     | 1759      | 611       | 34773     | 2.11      | 0.25      | 14.99%     | 5.86      |            |
| DD008F-415 | 370       | 371               | 8293.8          | 65.1      | 23.3      | 58.1      | 131.1     | 10.1      | 6208.3    | 1.7       | 1915      | 722.5     | 238.3     | 13.5      | 2.9       | 270.9     | 14.8     | 1793      | 677       | 33806     | 2.11      | 0.28      | 14.62%     | 5.70      |            |
| DD008F-416 | 371       | 372               | 3193.9          | 82.2      | 33.3      | 46.2      | 118.2     | 14.4      | 1703.7    | 2.7       | 1057      | 325.9     | 168.7     | 14.5      | 4.5       | 386.4     | 22.9     | 1088      | 337       | 14043     | 0.84      | 0.16      | 19.15%     | 2.37      |            |
| DD008F-417 | 372       | 373               | 3068.5          | 61.3      | 24.3      | 44.2      | 103.7     | 10.2      | 1455.4    | 2.1       | 1181.6    | 342.2     | 181       | 11.3      | 3.2       | 283.2     | 17.5     | 1226      | 961       | 13727     | 0.80      | 0.32      | 22.32%     | 2.31      |            |
| DD008F-418 | 373       | 374               | 1449.5          | 52.1      | 20.2      | 32.6      | 86        | 8.5       | 745.7     | 1.7       | 511.6     | 143.8     | 111.2     | 10.1      | 2.7       | 229       | 14.5     | 1298      | 244       | 7287      | 0.40      | 0.19      | 19.03%     | 1.23      |            |
| DD008F-419 | 374       | 375               | 2119.5          | 24.6      | 7.1       | 29.2      | 66.6      | 3.2       | 1189.3    | 0.6       | 687.2     | 209.3     | 114.5     | 6.4       | 0.9       | 87.6      | 5        | 964       | 181       | 11500     | 0.53      | 0.14      | 16.62%     | 1.94      |            |
| DD008F-420 | 375       | 376               | 2940            | 51.8      | 18.3      | 39.9      | 97.6      | 7.8       | 1688.8    | 1.4       | 900.2     | 285.8     | 150.5     | 10.8      | 2.3       | 212.4     | 12.3     | 794       | 141       | 14442     | 0.75      | 0.11      | 18.38%     | 2.43      |            |
| DD008F-422 | 376       | 377               | 3133            | 36.1      | 12.4      | 33.7      | 75.6      | 5.3       | 1819.7    | 1         | 939       | 303.4     | 132.7     | 7.9       | 1.6       | 147.2     | 8.6      | 867       | 171       | 15377     | 0.78      | 0.12      | 18.59%     | 2.59      |            |
| DD008F-423 | 377       | 378               | 2206.9          | 34.1      | 11.2      | 29.6      | 71.9      | 5         | 1211.2    | 0.9       | 706.1     | 220.4     | 108.8     | 7.6       | 1.5       | 138.6     | 7.9      | 1331      | 245       | 10512     | 0.56      | 0.19      | 19.37%     | 1.77      |            |
| DD008F-424 | 378       | 379               | 1742.6          | 76        | 29        | 42.6      | 117.8     | 12.4      | 872.1     | 2.4       | 641.6     | 185.4     | 134.3     | 14.6      | 3.8       | 345.7     | 20.6     | 1386      | 272       | 9003      | 0.50      | 0.20      | 19.34%     | 1.52      |            |
| DD008F-425 | 379       | 380               | 2789.2          | 93.7      | 38.5      | 46.9      | 126.9     | 15.8      | 1568.1    | 3.2       | 912.6     | 280.2     | 155.3     | 16.1      | 5         | 444.3     | 27.4     | 1274      | 331       | 14085     | 0.77      | 0.18      | 18.15%     | 2.37      |            |
| DD008F-427 | 380       | 381               | 3029.6          | 83.2      | 35.3      | 45.5      | 117.1     | 14.4      | 1642.3    | 2.6       | 949.2     | 297.1     | 159.9     | 14.3      | 4.3       | 405.3     | 21.8     | 933       | 287       | 16796     | 0.80      | 0.13      | 18.15%     | 2.83      |            |
| DD008F-428 | 381       | 382               | 779.8           | 32.5      | 13.1      | 18.8      | 51.1      | 5.4       | 372.1     | 1.1       | 294       | 82.1      | 62        | 6         | 1.8       | 149.9     | 9.2      | 1333      | 290       | 4153      | 0.22      | 0.19      | 18.86%     | 0.70      |            |
| DD008F-429 | 382       | 383               | 1757.2          | 72.4      | 27.9      | 38.8      | 104.8     | 11.7      | 942       | 2.1       | 615.3     | 181.3     | 124.9     | 13        | 3.5       | 320.4     | 17.8     | 1339      | 313       | 9230      | 0.50      | 0.19      | 18.67%     | 1.56      |            |
| DD008F-431 | 383       | 384               | 2305.6          | 92.3      | 36.1      | 49.9      | 130.5     | 15.1      | 1376.2    | 2.9       | 771.4     | 229.4     | 158.2     | 16.9      | 4.6       | 433       | 24.3     | 1496      | 153       | 12542     | 0.66      | 0.21      | 17.58%     | 2.11      |            |
| DD008F-432 | 384       | 385               | 1496.6          | 33.7      | 9.4       | 31.2      | 76        | 4         | 764.6     | 0.8       | 551.1     | 156.6     | 105.4     | 7.9       | 1.1       | 127.8     | 6.9      | 1244      | 226       | 8932      | 0.40      | 0.18      | 20.88%     | 1.50      |            |
| DD008F-433 | 385       | 386               | 1495.7          | 28.7      | 9.8       | 21.5      | 51.3      | 4.3       | 911       | 0.9       | 444.4     | 140       | 79.8      | 5.8       | 1.2       | 128.2     | 7.7      | 1632      | 134       | 7867      | 0.39      | 0.23      | 17.45%     | 1.33      |            |
| DD008F-434 | 386       | 387               | 1260.4          | 30.4      | 8.9       | 27.4      | 65.6      | 4.1       | 683.9     | 0.9       | 435.4     | 125.8     | 92.7      | 6.9       | 1.1       | 118.6     | 7.2      | 1190      | 110       | 7418      | 0.34      | 0.17      | 19.46%     | 1.25      |            |
| DD008F-435 | 387       | 388               | 1603            | 29.9      | 9         | 24.1      | 59        | 4.3       | 1072.6    | 0.9       | 449.9     | 143.1     | 83.1      | 6.6       | 1.2       | 123.3     | 7.3      | 1611      | 154       | 8463      | 0.42      | 0.23      | 16.31%     | 1.43      |            |
| DD008F-436 | 388       | 389               | 1812.2          | 30.1      | 10        | 24.3      | 56.5      | 4.6       | 1254.2    | 0.8       | 486.8     | 159       | 81.7      | 6.4       | 1.2       | 133.1     | 6.7      | 1050      | 128       | 8976      | 0.48      | 0.15      | 15.80%     | 1.51      |            |
| DD008F-437 | 389       | 390               | 2228.3          | 72.9      | 26.6      | 51.6      | 128.4     | 11.6      | 1325.2    | 1.6       | 720.5     | 214.4     | 163       | 15.1      | 2.9       | 333.1     | 13.4     | 1189      | 132       | 14438     | 0.62      | 0.17      | 17.49%     | 2.43      |            |
| DD008F-438 | 390       | 391               | 1467.1          | 66.4      | 25.7      | 40.6      | 101.8     | 11.1      | 727.7     | 1.7       | 569.5     | 157.3     | 127.8     | 12.9      | 3         | 328.6     | 14.1     | 1065      | 183       | 9449      | 0.43      | 0.15      | 19.71%     | 1.59      |            |
| DD008F-440 | 391       | 392               | 5713.2          | 70.9      | 25.4      | 47.6      | 112.9     | 11.4      | 3650.5    | 1.6       | 1416.1    | 504       | 180.5     | 13.1      | 2.8       | 331.1     | 13.5     | 1961      | 575       | 23728     | 1.42      | 0.28      | 15.80%     | 4.00      |            |
| DD008F-441 | 392       | 393               | 5850.9          | 58.8      | 17.5      | 47.8      | 112.9     | 8.5       | 3452.8    | 1.1       | 1454.1    | 526.4     | 184.6     | 12.4      | 1.8       | 241.5     | 8.8      | 1576      | 381       | 24639     | 1.41      | 0.23      | 16.34%     | 4.15      |            |
| DD008F-442 | 393       | 394               | 1767.4          | 34.6      | 10.9      | 24.9      | 59.8      | 5.3       | 1118.6    | 0.9       | 504.8     | 162.9     | 85.6      | 6.8       | 1.3       | 154.9     | 7.3      | 1457      | 249       | 10896     | 0.46      | 0.21      | 16.83%     | 1.84      |            |
| DD008F-443 | 394       | 395               | 1856.1          | 26.5      | 8.7       | 22.2      | 52.2      | 3.9       | 1218.1    | 0.8       | 503.5     | 167.3     | 78.6      | 5.6       | 1.1       | 114.2     | 6.7      | 1429      | 139       | 7763      | 0.48      | 0.20      | 16.42%     | 1.31      |            |
| DD008F-444 | 395       | 396               | 3125.4          | 56.1      | 19.3      | 32.5      | 83.2      | 9         | 1779.3    | 1.3       | 853.2     | 295.2     | 119.8     | 10        | 2.2       | 259.7     | 10.6     | 1486      | 235       | 15391     | 0.78      | 0.21      | 17.16%     | 2.59      |            |
| DD008F-445 | 396       | 397               | 2597.5          | 91.1      | 29.1      | 35.8      | 97.6      | 15        | 1364.6    | 1.3       | 818.7     | 256.4     | 124.7     | 14.6      | 2.7       | 419.1     | 10.9     | 2050      | 79        | 10367     | 0.69      | 0.29      | 18.14%     | 1.75      |            |
| DD008F-446 | 397       | 398               | 2290.1          | 33.1      | 9.3       | 26.4      | 63.2      | 4.8       | 1256      | 0.5       | 706.6     | 223.9     | 97.8      | 7.2       | 0.9       | 123.8     | 4.2      | 1598      | 243       | 9973      | 0.57      | 0.23      | 19.11%     | 1.68      |            |
| DD008F-447 | 398       | 399               | 5265.8          | 38.1      | 9.6       | 41.6      | 90.6      | 4.8       | 3855.3    | 0.6       | 1247.7    | 407.5     | 157.2     | 9.4       | 1         | 122.8     | 4.8      | 2952      | 1139      | 17990     | 1.32      | 0.42      | 14.95%     | 3.03      |            |
| DD008F-448 | 399       | 400               | 6100.6          | 27.6      | 7.1       | 38.1      | 81.6      | 3.5       | 4657.8    | 0.5       | 1365.0    | 500.7     | 152.7     | 7.6       | 0.7       | 89.4      | 4.5      | 3909      | 1711      | 22775     | 1.53      | 0.56      | 14.27%     | 3.84      |            |
| DD008F-449 | 400       | 401               | 9604.9          | 36.2      | 7.8       | 61.3      | 125.9     | 4.1       | 7047.1    | 0.6       | 2218.3    | 873.1     | 251.8     | 11.2      | 0.8       | 100.5     | 4.8      | 740       | 592       | 32915     | 2.38      | 0.11      |            |           |            |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008F  | DD008F-493 | 439               | 440             | 5561      | 34.1      | 7.9       | 41        | 89.7      | 4.2       | 3618.2    | 0.5       | 1328.7    | 480.5     | 157.8     | 9.1       | 0.9       | 105.6    | 4.5       | 1266      | 250       | 22827     | 1.34      | 0.18       | 15.76%    | 3.85       |
| DD008F  | DD008F-494 | 440               | 441             | 8390.3    | 32.4      | 5.7       | 53.3      | 112.1     | 3.2       | 6713.7    | 0.4       | 1809.6    | 669.3     | 208.5     | 10.4      | 0         | 74.1     | 3         | 2304      | 421       | 29590     | 2.12      | 0.33       | 13.66%    | 4.99       |
| DD008F  | DD008F-495 | 441               | 442             | 12652     | 29.5      | 5.1       | 52.9      | 110.4     | 3         | 9224.6    | 0.3       | 2455.3    | 1084.2    | 228.4     | 9.7       | 0         | 66       | 2.5       | 374       | 98        | 44639     | 3.04      | 0.05       | 13.61%    | 7.52       |
| DD008F  | DD008F-496 | 442               | 443             | 10926     | 26.9      | 4.3       | 45.1      | 96.9      | 2.6       | 8051.5    | 0.2       | 2044.5    | 924.5     | 187.1     | 9.1       | 0         | 56.9     | 2.1       | 43        | 84        | 36944     | 2.62      | 0.01       | 13.23%    | 6.22       |
| DD008F  | DD008F-497 | 443               | 444             | 7859.5    | 42.5      | 8.6       | 54.6      | 122.7     | 4.8       | 5634.2    | 0.6       | 1674.7    | 633.9     | 199.8     | 12.1      | 0.9       | 116.6    | 5         | 902       | 1398      | 21512     | 1.92      | 0.13       | 14.05%    | 3.62       |
| DD008F  | DD008F-498 | 444               | 445             | 6480.3    | 35.9      | 8.7       | 45.9      | 100.8     | 4.3       | 4569.9    | 0.7       | 1530      | 549.1     | 182.4     | 9.7       | 1         | 110.4    | 5.6       | 2003      | 1355      | 20779     | 1.60      | 0.29       | 15.20%    | 3.50       |
| DD008F  | DD008F-499 | 445               | 446             | 9697.9    | 35.3      | 7.4       | 59.8      | 122.4     | 3.8       | 7191.6    | 0.5       | 2138.2    | 863.6     | 243.5     | 10.5      | 0.8       | 91.6     | 4.4       | 1605      | 601       | 35577     | 2.40      | 0.23       | 14.62%    | 5.99       |
| DD008F  | DD008F-500 | 446               | 447             | 6633      | 29.4      | 6.3       | 45.8      | 95        | 3         | 4616.2    | 0.5       | 1549.2    | 552.1     | 182.3     | 8.5       | 0.6       | 79       | 4         | 2416      | 2097      | 19575     | 1.62      | 0.35       | 15.17%    | 3.30       |
| DD008F  | DD008F-502 | 447               | 448             | 6900.3    | 32.8      | 9         | 51.5      | 106.6     | 4         | 4770.1    | 0.7       | 1733.9    | 600.8     | 209.8     | 9.5       | 1         | 109.9    | 6.2       | 1690      | 424       | 25644     | 1.70      | 0.24       | 16.00%    | 4.32       |
| DD008F  | DD008F-503 | 448               | 449             | 9671.1    | 47.2      | 9.8       | 63        | 135.2     | 5.2       | 7523.5    | 0.6       | 2070.5    | 845       | 240.2     | 13.7      | 0.9       | 128.8    | 5.2       | 2397      | 138       | 38394     | 2.43      | 0.34       | 14.00%    | 6.47       |
| DD008F  | DD008F-504 | 449               | 450             | 10007     | 36.4      | 8         | 58.5      | 121.8     | 4.1       | 7683.9    | 0.4       | 2121      | 878.6     | 233.5     | 11.1      | 0.7       | 97.8     | 3.6       | 1003      | 503       | 41004     | 2.49      | 0.14       | 14.06%    | 6.91       |
| DD008F  | DD008F-505 | 450               | 451             | 8388      | 31.8      | 6.7       | 45.4      | 97.5      | 3.4       | 6410.8    | 0.4       | 1705.7    | 651.7     | 186.1     | 9         | 0.6       | 86.7     | 3.3       | 1135      | 298       | 37389     | 2.06      | 0.16       | 13.33%    | 6.30       |
| DD008F  | DD008F-507 | 451               | 452             | 7446      | 30.7      | 6.7       | 46.2      | 95        | 3.5       | 5420.4    | 0.5       | 1652      | 610.8     | 187.6     | 8.8       | 0.6       | 86.3     | 3.9       | 1398      | 267       | 32242     | 1.83      | 0.20       | 14.46%    | 5.43       |
| DD008F  | DD008F-508 | 452               | 453             | 9550.8    | 35        | 7.6       | 51.2      | 110.8     | 3.8       | 7498.5    | 0.6       | 1941.7    | 806.2     | 210.9     | 10.6      | 0.8       | 96.3     | 4.7       | 1015      | 379       | 37244     | 2.38      | 0.15       | 13.47%    | 6.28       |
| DD008F  | DD008F-509 | 453               | 454             | 11186     | 50.1      | 11.5      | 64.1      | 137.1     | 5.9       | 8725.9    | 0.8       | 2344.4    | 970.3     | 258       | 13.6      | 1.2       | 149.1    | 6.4       | 1355      | 298       | 41231     | 2.80      | 0.19       | 13.81%    | 6.95       |
| DD008F  | DD008F-511 | 454               | 455             | 9972.3    | 49        | 11.3      | 54.7      | 120       | 5.7       | 8142.7    | 0.7       | 2024.1    | 843.7     | 215.1     | 13        | 1.1       | 147.9    | 5.7       | 4950      | 30        | 35328     | 2.53      | 0.71       | 13.23%    | 5.95       |
| DD008F  | DD008F-512 | 455               | 456             | 7474.6    | 32.2      | 6.1       | 48.8      | 103.7     | 3.5       | 5633.9    | 0.4       | 1704.3    | 617.4     | 197.5     | 9.9       | 0.7       | 83.8     | 3.6       | 1486      | 9         | 33018     | 1.86      | 0.21       | 14.54%    | 5.61       |
| DD008F  | DD008F-513 | 456               | 457             | 8170      | 29        | 5.9       | 41.5      | 89.8      | 3         | 6104.4    | 0.4       | 1660.7    | 640.8     | 172.9     | 8.9       | 0.6       | 75.5     | 3         | 542       | 45        | 35659     | 1.99      | 0.08       | 13.49%    | 6.06       |
| DD008F  | DD008F-514 | 457               | 458             | 6143.6    | 25.6      | 5.3       | 34.7      | 74.9      | 2.9       | 4361.1    | 0.3       | 1311.8    | 495.1     | 143       | 7.2       | 0         | 71       | 2.5       | 1411      | 514       | 19306     | 1.49      | 0.20       | 14.20%    | 3.25       |
| DD008F  | DD008F-515 | 458               | 459             | 7096.2    | 28.5      | 5.5       | 37.1      | 83.7      | 3         | 5263.3    | 0.3       | 1428.2    | 562.5     | 153.7     | 8.3       | 0.5       | 74.5     | 2.6       | 1068      | 134       | 27912     | 1.73      | 0.15       | 13.45%    | 4.70       |
| DD008F  | DD008F-516 | 459               | 460             | 3726.8    | 45.2      | 11.6      | 36.2      | 85.4      | 6.1       | 2406.4    | 0.6       | 953.7     | 330.4     | 132.5     | 9.8       | 1.2       | 158.1    | 5.3       | 1200      | 415       | 15743     | 0.93      | 0.17       | 16.17%    | 2.65       |
| DD008F  | DD008F-517 | 460               | 461             | 3586.7    | 47.2      | 12.1      | 36.8      | 85.4      | 6.2       | 2298.8    | 0.7       | 929       | 318.6     | 131       | 9.9       | 1.3       | 170.2    | 5.9       | 984       | 359       | 14313     | 0.90      | 0.14       | 16.26%    | 2.41       |
| DD008F  | DD008F-518 | 461               | 462             | 5614.8    | 38.4      | 8.9       | 39.1      | 89.9      | 4.8       | 3928.4    | 0.5       | 1273.9    | 467.3     | 153.6     | 9.4       | 0.9       | 122.7    | 4.2       | 519       | 379       | 19088     | 1.38      | 0.07       | 14.76%    | 3.22       |
| DD008F  | DD008F-520 | 462               | 463             | 7013.2    | 29.7      | 5.8       | 39        | 86.4      | 3         | 5084.8    | 0.4       | 1464.4    | 563.2     | 159.4     | 8.7       | 0.5       | 80.8     | 3         | 1132      | 468       | 24867     | 1.70      | 0.16       | 13.90%    | 4.19       |
| DD008F  | DD008F-521 | 463               | 464             | 2607.5    | 48.6      | 16.5      | 33.9      | 80.3      | 7.7       | 1463.6    | 1.3       | 813.2     | 253.2     | 120.6     | 9.4       | 2         | 217.9    | 11.1      | 1050      | 458       | 11331     | 0.67      | 0.15       | 16.65%    | 1.91       |
| DD008F  | DD008F-522 | 464               | 465             | 3418.7    | 45.6      | 14.6      | 32.6      | 77.3      | 6.9       | 2233.8    | 1.1       | 889.6     | 304.7     | 117.3     | 9.2       | 1.8       | 193.9    | 9.2       | 1045      | 266       | 15328     | 0.86      | 0.15       | 16.16%    | 2.58       |
| DD008F  | DD008F-523 | 465               | 466             | 4854.4    | 49.4      | 14.1      | 40.3      | 92.9      | 7.2       | 3143.8    | 0.9       | 1207.4    | 421       | 147.9     | 10.5      | 1.5       | 188.7    | 7.8       | 1689      | 581       | 18653     | 1.19      | 0.24       | 15.92%    | 3.14       |
| DD008F  | DD008F-524 | 466               | 467             | 6134      | 38.5      | 8.6       | 39.1      | 85.8      | 4.7       | 3945.3    | 0.5       | 1408.1    | 521.8     | 152.7     | 9.4       | 0.9       | 121.2    | 4.4       | 884       | 199       | 23386     | 1.46      | 0.13       | 15.42%    | 3.94       |
| DD008F  | DD008F-525 | 467               | 468             | 4416.7    | 40.1      | 10.8      | 34.4      | 78.4      | 5.4       | 2738.3    | 0.7       | 1112.4    | 391.6     | 137.6     | 8.9       | 1.1       | 142.4    | 5.6       | 2036      | 258       | 14158     | 1.07      | 0.29       | 16.42%    | 2.39       |
| DD008F  | DD008F-526 | 468               | 469             | 5203      | 46.5      | 11.8      | 39.4      | 91.5      | 6.3       | 3227.7    | 0.7       | 1273.8    | 454.8     | 153.7     | 10.2      | 1.1       | 166      | 5.7       | 2574      | 494       | 19285     | 1.25      | 0.37       | 16.10%    | 3.25       |
| DD008F  | DD008F-527 | 469               | 470             | 4746.5    | 45.4      | 11.8      | 38.7      | 85        | 6         | 2893.6    | 0.7       | 1223.8    | 428.5     | 152.1     | 9.9       | 1.1       | 158.5    | 5.5       | 1501      | 440       | 18653     | 1.15      | 0.21       | 16.78%    | 3.14       |
| DD008F  | DD008F-528 | 470               | 471             | 4352.2    | 49.2      | 13.3      | 42        | 94.4      | 6.7       | 2694.5    | 0.8       | 1164.3    | 395.6     | 158.9     | 10.6      | 1.4       | 180.8    | 6.5       | 1999      | 793       | 16789     | 1.08      | 0.29       | 16.94%    | 2.83       |
| DD008F  | DD008F-529 | 471               | 472             | 4845.4    | 44.2      | 10.1      | 45.9      | 100.8     | 5.3       | 5978.2    | 0.5       | 1736.3    | 676.6     | 183.6     | 10.6      | 1         | 135.5    | 4.6       | 637       | 257       | 31568     | 2.04      | 0.09       | 13.80%    | 5.32       |
| DD008F  | DD008F-530 | 472               | 473             | 3535.6    | 43.4      | 12        | 33.8      | 79.4      | 6.4       | 2179.8    | 0.8       | 944.4     | 318.5     | 129.6     | 9.1       | 1.3       | 163      | 6.5       | 1760      | 374       | 16437     | 0.87      | 0.25       | 16.85%    | 2.77       |
| DD008F  | DD008F-531 | 473               | 474             | 5059.9    | 39.1      | 8.4       | 38.7      | 86.4      | 4.7       | 3229.3    | 0.5       | 1237.8    | 442.7     | 154.4     | 9         | 0.9       | 120.9    | 4.3       | 1607      | 667       | 23966     | 1.22      | 0.23       | 16.04%    | 4.04       |
| DD008F  | DD008F-533 | 474               | 475             | 3736.7    | 51        | 12.5      | 43.1      | 98.8      | 6.9       | 2349.9    | 0.7       | 1020.9    | 338.5     | 156.7     | 11        | 1.3       | 180.1    | 5.7       | 2433      | 914       | 15753     | 0.94      | 0.35       | 16.89%    | 2.65       |
| DD008F  | DD008F-534 | 475               | 476             | 5047.3    | 42.5      | 8.9       | 43.4      | 96.1      | 5.2       | 3575.8    | 0.6       | 1178.6    | 422.3     | 163.1     | 10.3      | 0.8       | 131.1    | 4.7       | 2505      | 682       | 21895     | 1.26      | 0.36       | 14.86%    | 3.69       |
| DD008F  | DD008F-535 | 476               | 477             | 1006      | 36.4      | 9.3       | 26.6      | 62.6      | 4.9       | 491.6     | 0.5       | 387.6     | 105.8     | 92.2      | 7.5       | 0.9       | 137.4    | 4.3       | 1769      | 404       | 8249      | 0.28      | 0.25       | 20.66%    | 1.89       |
| DD008F  | DD008F-536 | 477               | 478             | 475       | 29.1      | 8.3       | 20.5      | 48.1      | 4.2       | 191.7     | 0.6       | 305.5     | 68        | 77.2      | 5.6       | 0.9       | 119.2    | 4.8       | 1379      | 699       | 5271      | 0.16      | 0.20       | 27.27%    | 0.39       |
| DD008F  | DD008F-537 | 478               | 479             | 903.2     | 36.6      | 8.2       | 27.8      | 63.7      | 4.7       | 374.5     | 0.6       | 466.5     | 110.1     | 105.3     | 8         | 0.9       | 127.6    | 5.2       | 865       | 355       | 8510      | 0.26      | 0.12       | 25.56%    | 1.43       |
| DD008F  | DD008F-538 | 479               | 480             | 1991.2    | 26.1      | 6.6       | 24        | 51.2      | 3.5       | 1117.1    | 0.4       | 638.1     | 194.5     | 98.2      | 5.3       | 0.6       | 92.3     | 3.7       | 1208      | 211       | 10502     | 0.50      | 0.17       | 19.50%    | 1.77       |
| DD008F  | DD008F-539 | 480               | 481             | 3238.4    | 31.6      | 7.7       | 29.1      | 62.6      | 4.2       | 1770.9    | 0.5       | 926       | 313       | 117       | 6.8       | 0.8       | 112.8    | 4.5       | 1104      | 460       | 16613     | 0.78      | 0.16       | 18.63%    | 2.80       |
| DD008F  | DD008F-540 | 481               | 482             | 5080.6    | 37.1      | 8.9       | 39.6      | 88        | 4.8       | 3287.6    | 0.5       | 1327      | 456.9     | 166.3     | 9.1       | 0.9       | 115.1    | 4.1       | 838       | 61        | 21729     | 1.24      | 0.12       | 16.73%    | 3.66       |
| DD008F  | DD008F-541 | 482               | 483             | 3634.3    | 36.3      | 8.7       | 36.3      | 81.4      | 4.7       | 2143.8    | 0.5       | 1063.2    | 342.9     | 144.1     | 9         | 0.8       | 114.4    | 4.3       | 1123      | 270       | 15090     | 0.89      | 0.16       | 18.37%    | 2.54       |
| DD008F  | DD008F-542 | 483               | 484             | 4957.2    | 38.2      | 9.3       | 41.4      | 90.4      | 4.8       | 3068.8    | 0.6       | 1334.7    | 453.8     | 169       | 9.5       | 1         | 120.7    | 4.8       | 1785      | 162       | 22516     | 1.21      | 0.26       | 17.29%    | 3.79       |
| DD008F  | DD008F-543 | 484               | 485             | 5345.1    | 26.3      | 7.1       | 39.6      | 78.7      | 3.6       | 3349.4    | 0.5       | 1431.9    | 485.8     | 175.5     | 9.1       | 0.7       | 91.2     | 3.8       | 1324      | 280       | 23759     | 1.29      | 0.19       | 17.30%    | 4.00       |
| DD008F  | DD008F-544 | 485               | 486             | 2782.5    | 47.6      | 12.7      | 36.5      | 85.7      | 6.6       | 1579      | 0.7       | 878.4     | 272.8     | 133.1     | 9.9       | 1.2       | 171.7    | 5.8       | 2136      | 535       | 11890     | 0.71      | 0.31       | 19.02%    | 2.00       |
| DD008F  | DD008F-545 | 486               | 487             | 2508      | 45.7      | 11.2      | 36.1      | 87.9      | 6.1       | 6402.7    | 0.6       | 807.2     | 246.8     | 130.6     | 9.6       | 1.1       | 156.3    | 4.7       | 2078      | 477       | 12449     | 0.64      | 0.30       | 19.24%    | 2.10       |
| DD008F  | DD008F-547 | 487               | 488             | 3528.3    | 47.4      | 11.3      | 44.2      | 105.3     | 6.4       | 2267.3    | 0.6       | 960.3     | 318.9     | 152.3     | 11.1      | 1.1       | 159.4    | 5.3       | 3282      | 270       | 15960     | 0.89      | 0.47       | 16.72%    | 2.69       |
| DD008F  | DD008F-548 | 488               | 489             | 381.5     | 11.4      | 3         | 7.9       |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From (m) | Depth_To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD008F  | DD008F-595 | 529            | 530          | 2896.7 | 57.9   | 17.6   | 46.9   | 108.1  | 8.6    | 1452.3 | 1.1    | 1178.8 | 320.8  | 180.8  | 12.5   | 1.7    | 210.3 | 8.4    | 549    | 47     | 20686  | 0.76   | 0.08    | 22.96% | 3.49    |
| DD008F  | DD008F-596 | 530            | 531          | 2626.8 | 55.5   | 16.5   | 46.7   | 110    | 8.2    | 1294.5 | 1.1    | 1082.7 | 290.5  | 173.9  | 12.7   | 1.8    | 201.7 | 8.9    | 1950   | 30     | 16879  | 0.70   | 0.28    | 23.04% | 2.84    |
| DD008F  | DD008F-597 | 531            | 532          | 3044.7 | 49.6   | 13.7   | 51.1   | 110.1  | 7.2    | 1496.4 | 0.9    | 1285.1 | 343.2  | 201.5  | 11.4   | 1.5    | 168.7 | 7.3    | 1966   | 346    | 21295  | 0.80   | 0.28    | 23.88% | 3.59    |
| DD008F  | DD008F-598 | 532            | 533          | 3395.7 | 39.7   | 10.4   | 50.6   | 108.2  | 5.3    | 1716.1 | 0.6    | 1377.1 | 372    | 203.8  | 10.5   | 1      | 122.4 | 4.9    | 2157   | 391    | 24766  | 0.87   | 0.31    | 23.50% | 4.17    |
| DD008F  | DD008F-600 | 533            | 534          | 3565.8 | 59.1   | 16     | 51.5   | 117.7  | 8.2    | 1830.4 | 0.9    | 1413.3 | 391.2  | 204.7  | 13.5   | 1.6    | 198.5 | 7.7    | 2082   | 61     | 25547  | 0.92   | 0.30    | 22.81% | 4.30    |
| DD008F  | DD008F-601 | 534            | 535          | 3574.6 | 56.3   | 16.9   | 50.2   | 113.2  | 8.3    | 1827   | 1      | 1384.3 | 388.3  | 200.4  | 12.5   | 1.7    | 196.7 | 8      | 1877   | 36     | 21640  | 0.92   | 0.27    | 22.52% | 3.65    |
| DD008F  | DD008F-602 | 535            | 536          | 3873.7 | 66.2   | 22.1   | 56.9   | 127.3  | 10.3   | 1962.6 | 1.4    | 1499.1 | 420    | 219.9  | 14.3   | 2.5    | 258.1 | 11.6   | 4728   | 5      | 19630  | 1.00   | 0.68    | 22.36% | 3.31    |
| DD008F  | DD008F-603 | 536            | 537          | 3814.6 | 68.8   | 23.9   | 54     | 122.5  | 11.1   | 1967.4 | 1.4    | 1483.3 | 418.7  | 211.6  | 14.1   | 2.5    | 273.8 | 11.7   | 2155   | 2      | 25882  | 0.99   | 0.31    | 22.33% | 4.36    |
| DD008F  | DD008F-604 | 537            | 538          | 3608.1 | 81.1   | 26.6   | 58.6   | 138.9  | 12.6   | 1865.9 | 1.6    | 1456.8 | 398.6  | 221.9  | 16.7   | 2.8    | 308.6 | 13.2   | 603    | 4      | 33139  | 0.96   | 0.09    | 22.48% | 5.58    |
| DD008F  | DD008F-605 | 538            | 539          | 4022.9 | 61.9   | 23.8   | 51.3   | 109.9  | 10.5   | 1988.4 | 1.6    | 1577.5 | 438.1  | 213.5  | 12.6   | 2.7    | 259.1 | 13.1   | 2424   | 3      | 27334  | 1.03   | 0.35    | 22.84% | 4.61    |
| DD008F  | DD008F-606 | 539            | 540          | 3516.6 | 85.2   | 31.4   | 55.3   | 130.7  | 14.3   | 1822.5 | 2      | 1346.1 | 377.7  | 202.1  | 16.3   | 3.6    | 355.3 | 16.7   | 2225   | 2      | 27943  | 0.94   | 0.32    | 21.49% | 4.71    |
| DD008F  | DD008F-607 | 540            | 541          | 3748.1 | 107.1  | 40.3   | 64.8   | 154.7  | 18.2   | 1930.1 | 2.3    | 1488.1 | 412.6  | 230.5  | 20     | 4.5    | 451.3 | 19.1   | 1630   | 2      | 22056  | 1.02   | 0.23    | 21.74% | 3.72    |
| DD008F  | DD008F-608 | 541            | 542          | 4016   | 66.8   | 23.4   | 53.6   | 119.3  | 10.9   | 2140.9 | 1.4    | 1464.5 | 421.5  | 206.1  | 13.5   | 2.6    | 272.4 | 11.6   | 2339   | 4      | 21518  | 1.03   | 0.33    | 21.27% | 3.63    |
| DD008F  | DD008F-609 | 542            | 542.9        | 2833.3 | 31     | 10.2   | 30.8   | 66.7   | 4.8    | 1514.3 | 0.8    | 1001.9 | 294.4  | 133.9  | 7      | 1.2    | 117.4 | 6.5    | 2878   | 49     | 20204  | 0.71   | 0.41    | 21.33% | 3.40    |
| DD008F  | DD008F-610 | 542.9          | 544          | 468.9  | 9.8    | 4      | 7.3    | 17.3   | 1.7    | 267.7  | 0.3    | 171.2  | 48.8   | 27.1   | 2.1    | 0      | 43    | 2.9    | 514    | 35     | 7604   | 0.13   | 0.07    | 20.41% | 1.28    |
| DD008F  | DD008F-611 | 544            | 545          | 380.6  | 9.6    | 4.6    | 4.9    | 12.5   | 1.7    | 225.6  | 0.4    | 123.4  | 38.9   | 20.2   | 1.7    | 0.6    | 46.7  | 3.6    | 988    | 45     | 3712   | 0.10   | 0.14    | 18.43% | 0.63    |
| DD008F  | DD008F-613 | 545            | 546          | 351.1  | 9      | 4      | 4.6    | 11.4   | 1.6    | 210    | 0.4    | 115.3  | 35     | 16.6   | 1.5    | 0.5    | 44.1  | 3.4    | 655    | 13     | 3340   | 0.09   | 0.09    | 18.47% | 0.56    |
| DD008F  | DD008F-614 | 546            | 547          | 608.8  | 15.6   | 6.2    | 8.6    | 20.7   | 2.7    | 345    | 0.5    | 208.3  | 63.5   | 30.6   | 2.7    | 0.8    | 68.8  | 4.1    | 615    | 28     | 6636   | 0.16   | 0.09    | 19.48% | 1.12    |
| DD008F  | DD008F-615 | 547            | 548          | 477.4  | 8.3    | 3.4    | 5.7    | 13     | 1.4    | 270.8  | 0.3    | 160.3  | 48.7   | 21     | 1.7    | 0      | 38.2  | 2.8    | 577    | 71     | 4736   | 0.12   | 0.08    | 19.75% | 0.80    |
| DD008F  | DD008F-616 | 548            | 549          | 364.4  | 9.9    | 4.3    | 5      | 13.3   | 1.8    | 209.5  | 0.4    | 121.7  | 37.6   | 18.5   | 1.7    | 0.6    | 49.1  | 3.5    | 428    | 129    | 3193   | 0.10   | 0.06    | 18.81% | 0.54    |
| DD008F  | DD008F-617 | 549            | 550          | 356.3  | 10     | 4.3    | 5.2    | 13.2   | 1.7    | 199    | 0.4    | 124.3  | 37.1   | 19.6   | 1.8    | 0.6    | 46.1  | 3.5    | 480    | 83     | 3945   | 0.10   | 0.07    | 19.48% | 0.65    |
| DD008F  | DD008F-618 | 550            | 551          | 362.2  | 8.5    | 3.8    | 5      | 12.8   | 1.6    | 206.6  | 0.4    | 121.7  | 36.6   | 18.3   | 1.6    | 0      | 38.8  | 3.1    | 541    | 46     | 5058   | 0.10   | 0.08    | 19.17% | 0.85    |
| DD008F  | DD008F-619 | 551            | 552          | 434.2  | 8.2    | 3      | 5.9    | 14     | 1.3    | 244.1  | 0.3    | 147.4  | 45.4   | 21.9   | 1.7    | 0      | 35.5  | 2.8    | 613    | 61     | 6791   | 0.11   | 0.09    | 19.86% | 1.14    |
| DD008F  | DD008F-620 | 552            | 553          | 370.1  | 10.1   | 4.4    | 5.6    | 14.1   | 1.8    | 212    | 0.5    | 128.4  | 37.6   | 19.6   | 1.9    | 0.6    | 46.7  | 3.8    | 645    | 15     | 7612   | 0.10   | 0.09    | 19.24% | 1.28    |
| DD008F  | DD008F-621 | 553            | 554          | 366.9  | 9      | 4.3    | 5.3    | 13.1   | 1.7    | 203.1  | 0.5    | 127    | 38.6   | 19.2   | 1.6    | 0.7    | 43.7  | 4.2    | 686    | 47     | 6400   | 0.10   | 0.10    | 19.62% | 1.08    |
| DD008F  | DD008F-622 | 554            | 555          | 748    | 10.3   | 4      | 9.6    | 20.2   | 1.7    | 385.2  | 0.4    | 265.2  | 76.4   | 37.6   | 2.3    | 0.6    | 43.7  | 3.4    | 2142   | 156    | 13225  | 0.19   | 0.31    | 21.14% | 2.23    |
| DD008F  | DD008F-623 | 555            | 556.08       | 524.7  | 18.5   | 7.9    | 10.1   | 26.5   | 3.3    | 299.7  | 0.8    | 189.4  | 55.1   | 32.9   | 3.4    | 1.1    | 84.8  | 6.9    | 669    | 60     | 7957   | 0.15   | 0.10    | 19.19% | 1.34    |

Drill Collar DD008E (Dominant Mineralisation highlighted **REE** **Nb** and bold text used for quoted layers)

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008E  | DD008E-001 | 0                 | 1               | 7650.8    | 45        | 14.1      | 50        | 109.6     | 6.6       | 6334.1    | 1         | 1697      | 613.6     | 199.1     | 10.7      | 1.7       | 170.2    | 8.9       | 1144      | 153       | 34620     | 1.98      | 0.16       | 13.61%    | 5.83       |
| DD008E  | DD008E-002 | 1                 | 2               | 10168     | 41.7      | 11.1      | 55.1      | 117.9     | 5.4       | 8420.2    | 0.8       | 2109.5    | 793.5     | 230.1     | 10.8      | 1.3       | 137.9    | 7.3       | 1178      | 253       | 39257     | 2.59      | 0.17       | 13.08%    | 6.61       |
| DD008E  | DD008E-003 | 2                 | 3               | 9265.6    | 30.8      | 8.2       | 48.2      | 102.6     | 4.1       | 7889.4    | 0.7       | 1880.5    | 713.5     | 204.4     | 9.3       | 0.9       | 103.5    | 5.7       | 786       | 148       | 40965     | 2.37      | 0.11       | 12.76%    | 6.90       |
| DD008E  | DD008E-004 | 3                 | 4               | 5979.6    | 35.7      | 11.5      | 44.5      | 95.3      | 5.2       | 4322.1    | 0.9       | 1531.8    | 517.1     | 184.8     | 8.8       | 1.5       | 134.4    | 8.3       | 1055      | 202       | 23910     | 1.51      | 0.15       | 15.85%    | 4.03       |
| DD008E  | DD008E-005 | 4                 | 5               | 3111.4    | 55.2      | 21        | 39        | 97.1      | 9.2       | 1890.6    | 1.8       | 861       | 277.7     | 135.2     | 11.4      | 2.8       | 249.3    | 16.1      | 987       | 317       | 15784     | 0.80      | 0.14       | 16.71%    | 2.66       |
| DD008E  | DD008E-006 | 5                 | 6               | 1819.4    | 29.7      | 11        | 21.2      | 53.3      | 4.7       | 941.5     | 1         | 492.1     | 162.8     | 71.2      | 6.1       | 1.5       | 132      | 8.7       | 981       | 424       | 19920     | 0.44      | 0.14       | 17.35%    | 3.36       |
| DD008E  | DD008E-007 | 6                 | 7               | 2459.6    | 50        | 17.6      | 35.3      | 92.2      | 7.9       | 1394.4    | 1.4       | 661.3     | 216.4     | 112.1     | 11.2      | 2.2       | 215.7    | 12.4      | 1225      | 584       | 9213      | 0.62      | 0.18       | 16.50%    | 1.55       |
| DD008E  | DD008E-008 | 7                 | 8               | 1298      | 44.9      | 16        | 26.2      | 73.6      | 7.2       | 766       | 1.2       | 381.7     | 114.9     | 80.6      | 9.4       | 2.1       | 202      | 10.6      | 1296      | 387       | 6335      | 0.36      | 0.19       | 16.25%    | 1.07       |
| DD008E  | DD008E-009 | 8                 | 9               | 1907.3    | 53.4      | 18.6      | 37.1      | 100       | 8.6       | 927.3     | 1.4       | 620.7     | 181.7     | 115.2     | 11.9      | 2.2       | 236.1    | 12.7      | 1010      | 536       | 7959      | 0.50      | 0.14       | 18.83%    | 1.34       |
| DD008E  | DD008E-010 | 9                 | 10              | 5604.2    | 20.7      | 8         | 37.3      | 73.2      | 3.2       | 4200.7    | 0.6       | 1334      | 471.1     | 155.6     | 6.1       | 0.9       | 88.9     | 5.5       | 1231      | 544       | 23671     | 1.41      | 0.18       | 14.98%    | 3.99       |
| DD008E  | DD008E-011 | 10                | 11              | 3035.9    | 79.6      | 27.2      | 51.2      | 138.5     | 12.6      | 1877.7    | 2.1       | 931.4     | 286.3     | 167.5     | 16.3      | 3.4       | 356      | 18.6      | 1038      | 198       | 14221     | 0.82      | 0.15       | 17.28%    | 2.40       |
| DD008E  | DD008E-013 | 11                | 12              | 3853.9    | 72.2      | 26.3      | 48.9      | 125.4     | 11.7      | 2663.5    | 2         | 1100.9    | 351.4     | 170.1     | 14.6      | 3.2       | 315.3    | 17.7      | 1136      | 268       | 16857     | 1.03      | 0.16       | 16.46%    | 2.84       |
| DD008E  | DD008E-014 | 12                | 13              | 5238.2    | 40.4      | 14.9      | 45.7      | 100       | 6.4       | 3443.8    | 1.2       | 1481      | 478.8     | 182.3     | 9.7       | 1.8       | 167      | 10.1      | 1950      | 305       | 21920     | 1.31      | 0.28       | 17.40%    | 3.69       |
| DD008E  | DD008E-015 | 13                | 14              | 5714.4    | 120.4     | 45.2      | 86.3      | 219.1     | 19.8      | 3198      | 3.6       | 1952.5    | 579.5     | 304.9     | 25.5      | 5.9       | 530.2    | 31.1      | 1491      | 261       | 30651     | 1.51      | 0.21       | 19.62%    | 5.16       |
| DD008E  | DD008E-016 | 14                | 15              | 6834.3    | 49.9      | 16.4      | 63.1      | 134.8     | 7.4       | 4274.1    | 1.2       | 2031.3    | 642.6     | 256.9     | 12.7      | 2         | 196.9    | 10.7      | 1146      | 270       | 40028     | 1.70      | 0.16       | 18.33%    | 6.74       |
| DD008E  | DD008E-017 | 15                | 16              | 7577.5    | 36.9      | 10.1      | 55.3      | 117.8     | 4.9       | 5734.7    | 0.7       | 1849.9    | 638.8     | 221.9     | 11        | 1.2       | 119.5    | 6.2       | 949       | 104       | 31276     | 1.92      | 0.14       | 15.14%    | 5.27       |
| DD008E  | DD008E-018 | 16                | 17              | 8035.9    | 41.7      | 12.3      | 57.7      | 123.2     | 5.8       | 5992.4    | 0.9       | 1950.8    | 679.8     | 232.3     | 11.6      | 1.5       | 140.4    | 8.1       | 1075      | 117       | 36714     | 2.03      | 0.15       | 15.16%    | 6.19       |
| DD008E  | DD008E-019 | 17                | 18              | 5515      | 30.3      | 9.9       | 41.6      | 90.9      | 4.3       | 3942.1    | 0.8       | 1427.8    | 479.1     | 169.6     | 8.2       | 1.2       | 115.8    | 6.9       | 1346      | 108       | 19378     | 1.39      | 0.19       | 16.04%    | 3.26       |
| DD008E  | DD008E-020 | 18                | 19              | 11514     | 29.1      | 6.9       | 54.5      | 115.8     | 3.5       | 10264     | 0.5       | 2101.1    | 836.2     | 210.9     | 9.3       | 0.8       | 85.4     | 4         | 325       | 202       | 52780     | 2.96      | 0.05       | 11.60%    | 8.89       |
| DD008E  | DD008E-022 | 19                | 20              | 6321.3    | 34.3      | 10        | 36.4      | 85.2      | 4.7       | 4843.8    | 0.8       | 1394.5    | 506.8     | 141       | 8.7       | 1.2       | 118.4    | 6.8       | 1176      | 81        | 18774     | 1.58      | 0.17       | 14.02%    | 3.16       |
| DD008E  | DD008E-023 | 20                | 21              | 4723      | 26.3      | 8.2       | 35.5      | 74.8      | 3.8       | 3210.4    | 0.7       | 1227      | 415.1     | 143.6     | 6.6       | 1         | 97.2     | 5.9       | 1642      | 263       | 13200     | 1.17      | 0.23       | 16.40%    | 2.22       |
| DD008E  | DD008E-024 | 21                | 22              | 10651     | 31.3      | 7.2       | 54.7      | 121.1     | 3.7       | 9357.8    | 0.5       | 1948.9    | 777.9     | 211.1     | 10.1      | 0.8       | 94.6     | 4.3       | 572       | 210       | 51269     | 2.73      | 0.08       | 11.68%    | 8.64       |
| DD008E  | DD008E-025 | 22                | 23              | 9708.4    | 31.9      | 7.5       | 52.2      | 113.6     | 3.8       | 8251.2    | 0.6       | 1944.1    | 737.9     | 208.4     | 9.7       | 0.9       | 93.1     | 5.3       | 2206      | 1658      | 36569     | 2.48      | 0.32       | 12.63%    | 6.16       |
| DD008E  | DD008E-027 | 23                | 24              | 6353.3    | 40.6      | 12.8      | 41.5      | 98.8      | 5.7       | 5274.1    | 1.2       | 1332.3    | 494.6     | 155.1     | 10        | 1.8       | 155.3    | 10.4      | 733       | 196       | 30974     | 1.64      | 0.10       | 13.01%    | 5.22       |
| DD008E  | DD008E-028 | 24                | 25              | 10968     | 23.2      | 5.5       | 54        | 110.1     | 2.6       | 9769.4    | 0.4       | 2052.7    | 798.4     | 207.8     | 8.4       | 0.5       | 62.9     | 3.2       | 643       | 235       | 37980     | 2.82      | 0.09       | 11.81%    | 6.38       |
| DD008E  | DD008E-029 | 25                | 26              | 9341.2    | 30.3      | 8.5       | 57        | 116.9     | 4         | 7717.8    | 0.6       | 1956.3    | 722.2     | 224.1     | 9.2       | 1         | 104.4    | 5.4       | 1181      | 229       | 32505     | 2.38      | 0.17       | 13.15%    | 5.48       |
| DD008E  | DD008E-031 | 26                | 27              | 8014.3    | 31.3      | 9.2       | 51.4      | 107.1     | 4.2       | 6153.1    | 0.7       | 1831.6    | 665.1     | 211.3     | 9.1       | 1.1       | 102.9    | 5.7       | 1723      | 559       | 23035     | 2.01      | 0.25       | 14.47%    | 3.88       |
| DD008E  | DD008E-032 | 27                | 28              | 6680.9    | 61        | 20        | 58.7      | 138.4     | 8.8       | 4879.5    | 1.5       | 1702.2    | 564.8     | 192.4     | 14        | 2.4       | 227      | 13.3      | 1328      | 400       | 26754     | 1.71      | 0.19       | 15.47%    | 4.51       |
| DD008E  | DD008E-033 | 28                | 29              | 4674.5    | 65.2      | 23.8      | 52.4      | 125.0     | 10.3      | 2870.2    | 2         | 1418      | 450.2     | 214.4     | 14.3      | 3.1       | 266.3    | 17.5      | 1381      | 665       | 19337     | 1.19      | 0.20       | 18.26%    | 3.26       |
| DD008E  | DD008E-034 | 29                | 30              | 5549.5    | 25.1      | 7.3       | 45.8      | 92.5      | 3.3       | 3777.2    | 0.5       | 1458.8    | 487.1     | 182.6     | 7.4       | 0.8       | 82.2     | 4.8       | 1589      | 484       | 18003     | 1.37      | 0.23       | 16.54%    | 3.03       |
| DD008E  | DD008E-035 | 30                | 31              | 6420.1    | 28.2      | 9.1       | 48.8      | 106.2     | 3.8       | 4994.1    | 0.8       | 1467.8    | 518.8     | 181.6     | 8.5       | 1.1       | 101.6    | 7         | 288       | 270       | 27682     | 1.63      | 0.04       | 14.25%    | 4.66       |
| DD008E  | DD008E-036 | 31                | 32              | 5317.9    | 69.9      | 28.2      | 58        | 143       | 11.3      | 3901.2    | 2.5       | 1309.2    | 442.7     | 193.6     | 15.7      | 3.7       | 308.5    | 21.9      | 761       | 349       | 20826     | 1.39      | 0.11       | 14.74%    | 3.51       |
| DD008E  | DD008E-037 | 32                | 33              | 1220.9    | 112.5     | 44.1      | 63.3      | 203.1     | 18.6      | 648.5     | 4.7       | 438.3     | 120.4     | 137.5     | 16.5      | 2.9       | 507.3    | 41.1      | 1019      | 358       | 5808      | 0.42      | 0.15       | 15.37%    | 0.98       |
| DD008E  | DD008E-038 | 33                | 34              | 1185.9    | 17.1      | 26.9      | 49.8      | 145.2     | 11.2      | 632.3     | 3         | 422       | 117.3     | 113.5     | 26.5      | 3.9       | 321.7    | 26.6      | 1168      | 636       | 5611      | 0.37      | 0.17       | 16.97%    | 0.95       |
| DD008E  | DD008E-040 | 35                | 35              | 3078      | 64.3      | 25        | 45.3      | 124.8     | 10.4      | 2027.1    | 2.5       | 878       | 273.7     | 138       | 13.9      | 3.4       | 283.5    | 21.5      | 819       | 820       | 15325     | 0.82      | 0.12       | 16.39%    | 2.58       |
| DD008E  | DD008E-041 | 34                | 36              | 6393.7    | 37.1      | 12.2      | 48.7      | 105.7     | 5.4       | 4286.7    | 1         | 1750.2    | 581.1     | 201.5     | 9.5       | 1.5       | 142.6    | 8.5       | 1218      | 306       | 35277     | 1.59      | 0.17       | 17.10%    | 5.94       |
| DD008E  | DD008E-042 | 36                | 37              | 5976.4    | 25.6      | 9.9       | 44.4      | 82.3      | 4         | 3894.6    | 0.8       | 1632.9    | 547.2     | 191.8     | 6.6       | 1.2       | 114.1    | 7.4       | 804       | 347       | 29870     | 1.47      | 0.12       | 17.33%    | 5.03       |
| DD008E  | DD008E-043 | 37                | 38              | 7931.7    | 29.5      | 9.3       | 49.8      | 97.7      | 3.9       | 6632.6    | 0.8       | 1801.4    | 647.0     | 210.3     | 8.4       | 1.2       | 111      | 6.6       | 796       | 232       | 37517     | 2.05      | 0.11       | 13.88%    | 6.32       |
| DD008E  | DD008E-044 | 38                | 39              | 6290      | 21.6      | 6.1       | 36.1      | 74.8      | 2.8       | 4594      | 0.5       | 1420.6    | 518.7     | 151.7     | 6.2       | 0.7       | 70.5     | 4.1       | 740       | 191       | 24619     | 1.55      | 0.11       | 14.65%    | 4.11       |
| DD008E  | DD008E-045 | 39                | 40              | 6733.9    | 26        | 7.8       | 40.5      | 85        | 3.4       | 4800.6    | 0.6       | 1594.6    | 564.9     | 172.3     | 7.5       | 1.2       | 88.9     | 5.4       | 1337      | 196       | 28203     | 1.66      | 0.19       | 15.23%    | 4.75       |
| DD008E  | DD008E-046 | 41                | 41              | 9018.4    | 55.3      | 17.4      | 58.5      | 129.6     | 6.4       | 7121.4    | 1.3       | 2063.1    | 742.6     | 229.9     | 13.2      | 2.2       | 204.2    | 11.4      | 820       | 162       | 36819     | 2.31      | 0.12       | 14.21%    | 6.20       |
| DD008E  | DD008E-047 | 42                | 42              | 9179.7    | 39.4      | 11.3      | 61.1      | 127.2     | 5.4       | 7331.8    | 0.9       | 2137.9    | 747.2     | 247.7     | 10.9      | 1.3       | 136.4    | 7.9       | 914       | 452       | 35412     | 2.35      | 0.13       | 14.34%    | 5.97       |
| DD008E  | DD008E-048 | 42                | 43              | 7907.2    | 19.9      | 5.1       | 50.7      | 100.3     | 2.3       | 6197.3    | 0.4       | 1768      | 627.4     | 203.7     | 7.3       | 0.6       | 60.8     | 3.2       | 192       | 37        | 28974     | 1.99      | 0.03       | 14.08%    | 4.88       |
| DD008E  | DD008E-049 | 43                | 44              | 6230.7    | 16.5      | 4.1       | 48.3      | 94.9      | 1.8       | 4698.9    | 0.3       | 1533      | 524.8     | 193.9     | 6.1       | 0         | 46.2     | 2.6       | 840       | 300       | 26879     | 1.57      | 0.12       | 15.31%    | 4.53       |
| DD008E  | DD008E-050 | 44                | 45              | 6282.1    | 23.3      | 5.8       | 47.5      | 101.7     | 2.9       | 4721.4    | 0.4       | 1503.5    | 520.3     | 191.6     | 7.5       | 0.6       | 70.3     | 3.9       | 938       | 531       | 30203     | 1.58      | 0.13       | 14.96%    | 5.09       |
| DD008E  | DD008E-051 | 45                | 46              | 6685.2    | 63.4      | 21.7      | 48.3      | 118.6     | 10.1      | 2129.5    | 1.8       | 1111.2    | 347.6     | 168       | 14.2      | 2.9       | 267      | 15.7      | 1416      | 499       | 16628     | 0.94      | 0.20       | 18.13%    | 2.80       |
| DD008E  | DD008E-053 | 46                | 47              | 6450.2    | 83.6      | 30.9      | 64.2      | 154.3     | 13.4      | 4066.6    | 2.5       | 1856.9    | 598.3     | 246.7     | 17.1      | 3.9       | 360.2    | 22.2      | 657       | 150       | 34214     | 1.64      | 0.09       | 17.49%    | 5.76       |
| DD008E  | DD008E-054 | 47                | 48              | 6599.5    | 172.9     | 63        | 108.2     | 275.4     | 28.1      | 3711.4    | 4.7       | 2231.1    | 669.5     | 362.7     | 34.8      | 7.7       | 741.9    | 40.9      | 488       | 122       | 36246     | 1.77      | 0.08       | 19.15%    | 6.11       |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008E  | DD008E-055 | 48                | 49              | 6736.9    | 102.1     | 35.6      | 77.9      | 183.8     | 15.6      | 3916.2    | 2.6       | 2112.7    | 654.5     | 293.3     | 21.4      | 4.4       | 410.5    | 22.8      | 1211      | 237       | 33276     | 1.71      | 0.17       | 18.88%    | 5.61       |
| DD008E  | DD008E-056 | 49                | 50              | 5279      | 51.7      | 17.4      | 53.1      | 120.6     | 7.8       | 3719.8    | 1.3       | 1429.9    | 468.8     | 205.3     | 12        | 2.1       | 203.6    | 11.3      | 1428      | 862       | 19899     | 1.36      | 0.20       | 16.33%    | 3.35       |
| DD008E  | DD008E-057 | 50                | 51              | 5543.2    | 30.2      | 9         | 41.8      | 88.1      | 4.5       | 4277.9    | 0.8       | 1320.8    | 459       | 166.2     | 7.9       | 1.2       | 112.1    | 6.6       | 968       | 547       | 22139     | 1.41      | 0.14       | 14.69%    | 3.73       |
| DD008E  | DD008E-058 | 51                | 52              | 8231.6    | 26.9      | 9.1       | 53.3      | 106.2     | 3.7       | 6799.5    | 0.7       | 1796.2    | 646.4     | 221.1     | 8.4       | 1.1       | 97.2     | 5.9       | 1200      | 701       | 34308     | 2.11      | 0.17       | 13.52%    | 5.78       |
| DD008E  | DD008E-059 | 52                | 53              | 7252.2    | 26.6      | 10.4      | 45.8      | 86.7      | 4.4       | 5774.7    | 0.8       | 1712.2    | 601.1     | 191.2     | 6.8       | 1.3       | 117.7    | 7.2       | 1677      | 207       | 28994     | 1.86      | 0.24       | 14.55%    | 4.89       |
| DD008E  | DD008E-060 | 53                | 54              | 5795.5    | 71.1      | 23.7      | 55.9      | 139.5     | 10.8      | 4667.6    | 1.7       | 1403.1    | 480.4     | 195.7     | 16.8      | 2.7       | 279.1    | 14.6      | 2592      | 547       | 26786     | 1.54      | 0.37       | 14.25%    | 4.51       |
| DD008E  | DD008E-061 | 54                | 55              | 7653.6    | 63.3      | 19.2      | 61.6      | 142.8     | 9         | 5868.8    | 1.3       | 1858.3    | 638.6     | 238.5     | 15.1      | 2.3       | 232.6    | 11.2      | 2304      | 546       | 30859     | 1.97      | 0.33       | 14.79%    | 5.20       |
| DD008E  | DD008E-062 | 55                | 56              | 7327      | 103.1     | 30.4      | 97.6      | 251.1     | 13.7      | 4527.5    | 2.2       | 2228.6    | 694.9     | 327.1     | 27.1      | 3.6       | 360.6    | 19.5      | 892       | 74        | 30963     | 1.88      | 0.13       | 18.18%    | 5.22       |
| DD008E  | DD008E-063 | 56                | 57              | 7511.4    | 26.3      | 8.8       | 53.1      | 104.2     | 3.7       | 5356.1    | 0.7       | 1986.1    | 663.9     | 229.1     | 7.9       | 1         | 96.5     | 5.9       | 787       | 65        | 35839     | 1.88      | 0.11       | 16.45%    | 6.04       |
| DD008E  | DD008E-064 | 57                | 58.3            | 7240.6    | 14.2      | 5.2       | 46.1      | 84.5      | 2.1       | 5957.1    | 0.5       | 1617.9    | 572.2     | 195.3     | 5.2       | 0.7       | 58.1     | 4         | 1916      | 372       | 27192     | 1.85      | 0.27       | 13.81%    | 4.58       |
| DD008E  | DD008E-065 | 58.3              | 60              | 4772      | 104.7     | 43.2      | 57.2      | 145.2     | 19.1      | 2771.9    | 3.2       | 1531.5    | 460.8     | 215.8     | 19.8      | 5.6       | 505.1    | 28.2      | 2179      | 26        | 23483     | 1.25      | 0.31       | 18.54%    | 3.96       |
| DD008E  | DD008E-067 | 60                | 61              | 5377      | 96.6      | 40.8      | 66.9      | 160.8     | 17.1      | 3130.9    | 3.5       | 1729.3    | 524.2     | 240.6     | 19.3      | 5.5       | 467.2    | 30.7      | 2040      | 10        | 24546     | 1.40      | 0.29       | 18.82%    | 4.14       |
| DD008E  | DD008E-068 | 61                | 62              | 5129.2    | 58        | 23        | 47.9      | 107.3     | 10        | 3350.1    | 1.9       | 1466.3    | 474.2     | 177.7     | 12.1      | 3.1       | 266.3    | 16.2      | 1961      | 36        | 23691     | 1.31      | 0.28       | 17.34%    | 3.99       |
| DD008E  | DD008E-069 | 62                | 63              | 3895.6    | 78.5      | 26.5      | 61.6      | 153       | 12.2      | 2414.1    | 2.2       | 1220.2    | 369.8     | 208.3     | 17.7      | 3.5       | 325      | 19.3      | 1449      | 219       | 12096     | 1.03      | 0.21       | 17.96%    | 2.04       |
| DD008E  | DD008E-071 | 63                | 64              | 6284.7    | 34.3      | 12.4      | 43.2      | 87        | 5.5       | 3940.8    | 1         | 1791.6    | 577.6     | 194.7     | 8.1       | 1.6       | 144      | 8.8       | 1901      | 79        | 17555     | 1.54      | 0.27       | 17.97%    | 2.96       |
| DD008E  | DD008E-072 | 64                | 65              | 5223.3    | 17.2      | 6.3       | 37.5      | 70.8      | 2.4       | 3415.2    | 0.5       | 1505.1    | 485.8     | 171       | 5.1       | 0.8       | 66.7     | 4.3       | 2144      | 687       | 21191     | 1.29      | 0.31       | 18.02%    | 3.57       |
| DD008E  | DD008E-073 | 65                | 66              | 7027.2    | 20.1      | 3.6       | 39.3      | 84.3      | 1.8       | 5714.4    | 0.3       | 1532.2    | 560.9     | 164.7     | 7.4       | 0         | 38.4     | 2.3       | 1014      | 46        | 36954     | 1.78      | 0.15       | 13.73%    | 6.23       |
| DD008E  | DD008E-074 | 66                | 67              | 9004.8    | 17.3      | 2.8       | 50.2      | 107.9     | 1.3       | 8062.2    | 0.2       | 1624.5    | 653.5     | 181       | 8.2       | 0         | 30.4     | 1.4       | 868       | 11        | 44830     | 2.31      | 0.12       | 11.50%    | 7.55       |
| DD008E  | DD008E-075 | 67                | 68              | 13313     | 16        | 24        | 57.8      | 122.5     | 1.3       | 12709     | 0.1       | 2289.4    | 941.7     | 222.9     | 8.6       | 0         | 25.8     | 1.3       | 531       | 29        | 59729     | 3.48      | 0.08       | 10.84%    | 10.06      |
| DD008E  | DD008E-076 | 68                | 69              | 9442.6    | 15.1      | 2.3       | 46.4      | 103.2     | 1.2       | 8402.7    | 0.1       | 1716.6    | 687.1     | 176.6     | 8.3       | 0         | 25       | 1.3       | 1083      | 251       | 30203     | 2.42      | 0.15       | 11.62%    | 5.09       |
| DD008E  | DD008E-077 | 69                | 70              | 10065     | 16.2      | 2.4       | 51.6      | 110.7     | 1.4       | 8548.5    | 0.1       | 1924.8    | 750.2     | 203.7     | 8.1       | 0         | 27.3     | 1.3       | 808       | 492       | 38006     | 2.54      | 0.12       | 12.28%    | 6.40       |
| DD008E  | DD008E-078 | 70                | 71              | 6464.6    | 20.2      | 4.2       | 42.6      | 91.7      | 2.1       | 4658.3    | 0.3       | 1555.5    | 543.5     | 174.9     | 7.8       | 0         | 49.1     | 2.5       | 1577      | 393       | 23608     | 1.59      | 0.23       | 15.37%    | 3.98       |
| DD008E  | DD008E-080 | 71                | 72              | 7025      | 14.2      | 3.9       | 45        | 88.4      | 1.6       | 5151.6    | 0.2       | 1628.3    | 584.6     | 183.3     | 5.6       | 0         | 43.1     | 2.1       | 920       | 473       | 31474     | 1.73      | 0.13       | 14.93%    | 5.30       |
| DD008E  | DD008E-081 | 72                | 73              | 2955      | 95.2      | 25.9      | 39.5      | 119.2     | 13.7      | 1889      | 1.7       | 840.3     | 272.7     | 123.3     | 19.7      | 2.9       | 324.2    | 14.6      | 871       | 81        | 8143      | 0.79      | 0.12       | 16.42%    | 1.37       |
| DD008E  | DD008E-082 | 73                | 74              | 4845.2    | 51.8      | 10.8      | 48.6      | 123.3     | 6.1       | 3589      | 3.2       | 1198.1    | 411.6     | 164.2     | 13.8      | 1.2       | 141.9    | 6.3       | 1059      | 231       | 23452     | 1.24      | 0.15       | 15.20%    | 3.95       |
| DD008E  | DD008E-083 | 74                | 75              | 9204.5    | 31        | 5         | 68.8      | 146.7     | 2.7       | 7358.4    | 0.3       | 2089.6    | 743.6     | 262.2     | 12.1      | 0         | 61.4     | 2.5       | 690       | 331       | 42601     | 2.34      | 0.10       | 14.13%    | 7.18       |
| DD008E  | DD008E-084 | 75                | 76              | 7570.8    | 21        | 5.4       | 56.1      | 101.2     | 2.5       | 5587.3    | 0.4       | 1908.7    | 654.2     | 232.9     | 7.5       | 0.6       | 61.5     | 3.3       | 1156      | 232       | 30745     | 1.90      | 0.17       | 15.76%    | 5.18       |
| DD008E  | DD008E-085 | 76                | 77              | 7105.6    | 21.3      | 7.6       | 48.2      | 85.4      | 3.2       | 4329.9    | 0.6       | 2116.5    | 684.5     | 235.4     | 5.9       | 1         | 82.4     | 5         | 1254      | 629       | 33381     | 1.73      | 0.18       | 18.95%    | 5.62       |
| DD008E  | DD008E-086 | 77                | 78              | 6130.3    | 88.4      | 20.3      | 75.1      | 187.2     | 11.1      | 3450.4    | 1.4       | 1938      | 600.7     | 267.8     | 21.8      | 2.2       | 267.1    | 12.2      | 1167      | 224       | 24921     | 1.53      | 0.17       | 19.34%    | 4.20       |
| DD008E  | DD008E-087 | 78                | 79              | 6527.6    | 94.2      | 23.5      | 79.4      | 195.9     | 12.3      | 3493.1    | 1.6       | 2128.3    | 655.4     | 286.6     | 23        | 2.7       | 304.3    | 14.2      | 1050      | 251       | 31026     | 1.62      | 0.15       | 20.03%    | 5.23       |
| DD008E  | DD008E-088 | 79                | 80              | 8662.8    | 9.2       | 2.9       | 46        | 75.7      | 1.1       | 7523.8    | 0.3       | 1830.7    | 661.9     | 212.6     | 4.2       | 0         | 28.4     | 2.3       | 1886      | 941       | 38579     | 2.23      | 0.27       | 13.04%    | 6.50       |
| DD008E  | DD008E-089 | 80                | 81              | 3961.6    | 34        | 9.5       | 44.2      | 100.1     | 4.5       | 2454.4    | 0.7       | 1177.7    | 375.9     | 163.5     | 9.6       | 1.1       | 110.4    | 6         | 1362      | 878       | 15784     | 0.99      | 0.19       | 18.31%    | 2.66       |
| DD008E  | DD008E-090 | 81                | 82              | 6253.5    | 19.4      | 4.6       | 49.2      | 95.1      | 2.1       | 4431      | 0.3       | 1657.1    | 551.9     | 198.2     | 7         | 0         | 51.9     | 2.9       | 1181      | 399       | 22618     | 1.56      | 0.17       | 16.53%    | 3.81       |
| DD008E  | DD008E-091 | 82                | 83              | 4494.8    | 26        | 6.9       | 42.4      | 83.1      | 3.4       | 2652.7    | 0.5       | 1420      | 444.5     | 180.5     | 6.9       | 0.8       | 91.5     | 4.2       | 2110      | 1148      | 17045     | 1.11      | 0.30       | 19.65%    | 2.87       |
| DD008E  | DD008E-093 | 83                | 84              | 5192.3    | 24.2      | 7.2       | 48.6      | 91.9      | 3.3       | 2990      | 0.5       | 1641.1    | 507.4     | 210.7     | 7.1       | 0.8       | 85.8     | 4.1       | 1300      | 490       | 23525     | 1.27      | 0.19       | 19.80%    | 3.96       |
| DD008E  | DD008E-094 | 84                | 85              | 8074.7    | 22        | 6.1       | 59        | 117.2     | 2.7       | 5793.2    | 0.3       | 2014.1    | 690.1     | 242.2     | 8         | 0.6       | 65.5     | 2.9       | 899       | 259       | 35568     | 2.00      | 0.13       | 15.77%    | 5.99       |
| DD008E  | DD008E-095 | 85                | 86.3            | 7950.8    | 30.6      | 10.2      | 46.2      | 93.8      | 4.6       | 6328.6    | 0.7       | 1801.4    | 642.6     | 199.1     | 8.4       | 1.1       | 118.2    | 5.9       | 1164      | 456       | 34131     | 2.02      | 0.17       | 14.13%    | 5.75       |
| DD008E  | DD008E-096 | 86.3              | 87              | 6008.2    | 145.5     | 52.4      | 68.7      | 185.1     | 23.7      | 3755      | 3.9       | 1788.4    | 565.4     | 241       | 27.3      | 6.7       | 634      | 34.2      | 2058      | 531       | 28036     | 1.59      | 0.29       | 17.28%    | 4.72       |
| DD008E  | DD008E-097 | 87                | 88              | 3119.5    | 64.6      | 25.4      | 33.4      | 87.3      | 11.1      | 2159.3    | 1.8       | 858       | 275.9     | 121.5     | 12.8      | 3.1       | 300.1    | 16        | 833       | 220       | 15492     | 0.83      | 0.12       | 15.90%    | 2.61       |
| DD008E  | DD008E-098 | 88                | 89              | 1768.6    | 84        | 34.9      | 30.6      | 91.4      | 15        | 939.9     | 2.7       | 567.5     | 168.3     | 98.8      | 14.4      | 4.5       | 402.3    | 23.3      | 713       | 147       | 7624      | 0.50      | 0.10       | 17.17%    | 1.28       |
| DD008E  | DD008E-099 | 89                | 90              | 7617      | 62.3      | 22        | 55.5      | 127.1     | 9.6       | 5478.5    | 1.8       | 1925.6    | 659.2     | 227.1     | 13.6      | 2.7       | 249      | 15.7      | 1613      | 592       | 32839     | 1.93      | 0.23       | 15.63%    | 5.53       |
| DD008E  | DD008E-100 | 90                | 91              | 5870.1    | 120       | 39.3      | 83.3      | 206.6     | 18.3      | 3178.3    | 2.9       | 1926.7    | 582.1     | 288.6     | 25.4      | 4.9       | 471.4    | 24.9      | 1537      | 301       | 22754     | 1.51      | 0.22       | 19.44%    | 3.83       |
| DD008E  | DD008E-102 | 91                | 92              | 5488.1    | 17.4      | 5.2       | 35.1      | 64.8      | 2.4       | 3714.3    | 0.4       | 1439.6    | 490       | 152.2     | 5.4       | 0.6       | 61.3     | 3.4       | 100       | 23        | 24702     | 1.34      | 0.01       | 16.75%    | 4.16       |
| DD008E  | DD008E-103 | 92                | 93              | 8896.2    | 21.7      | 5.6       | 54.2      | 98.9      | 2.7       | 6806      | 0.4       | 2075.5    | 736       | 237.3     | 7.6       | 0.6       | 68.3     | 3.2       | 673       | 86        | 33495     | 2.23      | 0.10       | 14.74%    | 5.64       |
| DD008E  | DD008E-104 | 93                | 94              | 10702     | 20.7      | 5.5       | 63.6      | 113.3     | 2.3       | 9048.1    | 0.4       | 2274.7    | 834.2     | 263.8     | 7.7       | 0.5       | 62.2     | 3.1       | 464       | 69        | 38465     | 2.74      | 0.07       | 13.24%    | 6.48       |
| DD008E  | DD008E-105 | 94                | 95              | 8724.3    | 21.3      | 6.1       | 51.6      | 92.6      | 2.6       | 6914.1    | 0.4       | 2010.6    | 708.8     | 229       | 7         | 0.7       | 71.4     | 3.9       | 637       | 121       | 40330     | 2.21      | 0.09       | 14.38%    | 6.80       |
| DD008E  | DD008E-107 | 95                | 96              | 6288.5    | 154.9     | 51.6      | 100.2     | 255.4     | 24.2      | 3339.9    | 3.8       | 2199.3    | 647.6     | 334       | 32.5      | 6         | 609.9    | 33.4      | 1345      | 175       | 30099     | 1.65      | 0.19       | 20.11%    | 5.07       |
| DD008E  | DD008E-108 | 96                | 97              | 4574.8    | 115.4     | 41.5      | 65.5      | 170.8     | 18.7      | 2542.6    | 3.3       | 1504.9    | 458.3     | 224.6     | 27        | 5.4       | 504.1    | 29        | 1057      | 235       | 20722     | 1.21      | 0.15       | 18.88%    | 3.49       |
| DD008E  | DD008E-109 | 97                | 98              | 2189.6    | 70.5      | 23.7      | 35        | 97.2      | 10.9      | 1196      | 1.8       | 663.9     | 205.8     | 111       | 14        | 3.1       | 299.5    | 15.7      | 661       | 126       | 11012     | 0.58      | 0.09       | 17.49%    | 1.86       |
| DD008E  | DD008E-111 | 98                | 99              | 13230     | 24.8      | 4.2       | 63.7      | 139.3     | 2.2       | 12442     |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008E  | DD008E-156 | 139               | 140             | 6459.3    | 49.3      | 7.5       | 51.3      | 124.4     | 4.8       | 4589.9    | 0.4       | 1669.4    | 561.5     | 199.7     | 14.1      | 0.8       | 110.6    | 3.7       | 1006      | 464       | 29224     | 1.62      | 0.14       | 16.06%    | 4.92       |
| DD008E  | DD008E-157 | 140               | 141             | 8430.8    | 49        | 6.3       | 52.7      | 128.2     | 4.6       | 6955.5    | 0.3       | 1749.6    | 649.4     | 200.1     | 15        | 0.5       | 92.3     | 2.8       | 678       | 214       | 35214     | 2.15      | 0.10       | 13.04%    | 5.93       |
| DD008E  | DD008E-158 | 141               | 142             | 9229.9    | 40.7      | 5.8       | 51.7      | 124.9     | 3.8       | 7517.2    | 0.3       | 1809.3    | 692.3     | 194.5     | 12.9      | 0.6       | 77.2     | 2.7       | 1068      | 120       | 35693     | 2.31      | 0.15       | 12.62%    | 6.01       |
| DD008E  | DD008E-160 | 142               | 143             | 7343.5    | 29.7      | 5         | 38.8      | 87.9      | 3         | 5732.1    | 0.3       | 1530.8    | 569.9     | 163.6     | 9.2       | 0         | 62.2     | 2.3       | 1274      | 92        | 33131     | 1.82      | 0.18       | 13.44%    | 5.58       |
| DD008E  | DD008E-161 | 143               | 144             | 6193.4    | 40.2      | 6.7       | 47.3      | 113.2     | 4.2       | 4284.4    | 0.4       | 1454.9    | 513.6     | 178.1     | 12        | 0.6       | 93.1     | 3.6       | 3719      | 177       | 26098     | 1.52      | 0.53       | 15.16%    | 4.40       |
| DD008E  | DD008E-162 | 144               | 145             | 11837     | 51        | 7.5       | 64.9      | 156.5     | 5         | 9648.5    | 0.3       | 2229.6    | 877       | 238.1     | 16.5      | 0.6       | 101.6    | 2.8       | 152       | 13        | 46247     | 2.96      | 0.02       | 12.27%    | 7.79       |
| DD008E  | DD008E-163 | 145               | 146             | 9268.7    | 44        | 6         | 51.1      | 121.4     | 4.1       | 7407.7    | 0.3       | 1807.3    | 705.4     | 192.5     | 13.1      | 0.6       | 87.4     | 2.7       | 359       | 56        | 48706     | 2.31      | 0.05       | 12.71%    | 8.21       |
| DD008E  | DD008E-164 | 146               | 147             | 7871.3    | 51.3      | 9.4       | 53.6      | 125.4     | 5.7       | 6133.1    | 0.5       | 1637.9    | 623.9     | 197.8     | 13.5      | 0.8       | 126.3    | 4.3       | 2075      | 1197      | 34547     | 1.97      | 0.30       | 13.37%    | 5.82       |
| DD008E  | DD008E-165 | 147               | 148             | 3350.7    | 52.3      | 11.6      | 44.9      | 112.6     | 7         | 2103.1    | 0.6       | 964.7     | 309.5     | 156.7     | 12.1      | 1.1       | 166.3    | 5         | 1164      | 559       | 14919     | 0.86      | 0.17       | 17.39%    | 2.51       |
| DD008E  | DD008E-166 | 148               | 149             | 6895.9    | 56.7      | 12.3      | 61.3      | 145.3     | 7.1       | 5124      | 0.6       | 1658.3    | 574.5     | 220       | 15.2      | 1.2       | 169.6    | 5.5       | 864       | 453       | 31932     | 1.75      | 0.12       | 14.88%    | 5.38       |
| DD008E  | DD008E-167 | 149               | 150             | 1533.9    | 40.6      | 9.8       | 28        | 73.4      | 5.6       | 817.8     | 0.5       | 463.4     | 141.2     | 84.6      | 8.9       | 0.9       | 140.9    | 4.5       | 775       | 17        | 4668      | 0.39      | 0.11       | 17.93%    | 0.79       |
| DD008E  | DD008E-168 | 150               | 151             | 1026      | 51.9      | 13.2      | 25        | 73.4      | 7.6       | 548.2     | 0.7       | 356.9     | 105.2     | 71.2      | 10.3      | 1.3       | 189.5    | 5.8       | 530       | 34        | 3264      | 0.29      | 0.08       | 18.44%    | 0.55       |
| DD008E  | DD008E-169 | 151               | 152             | 6665.8    | 38.4      | 7.5       | 56.6      | 121.4     | 4.5       | 4714.5    | 0.4       | 1724      | 588.2     | 218.6     | 11.1      | 0.7       | 99.3     | 3.7       | 1476      | 377       | 26234     | 1.67      | 0.21       | 16.17%    | 4.42       |
| DD008E  | DD008E-170 | 152               | 153             | 7696.3    | 38        | 7         | 55.6      | 120.3     | 4         | 5903.2    | 0.4       | 1739.3    | 625.5     | 211.8     | 11.2      | 0.6       | 93.7     | 3.5       | 1190      | 335       | 29307     | 1.93      | 0.17       | 14.28%    | 4.94       |
| DD008E  | DD008E-171 | 153               | 154             | 7198.6    | 37.2      | 6.6       | 50.9      | 114.5     | 4.1       | 5643.4    | 0.4       | 1567.8    | 572.2     | 192.9     | 10.6      | 0.8       | 90.2     | 3.2       | 1892      | 339       | 29974     | 1.81      | 0.27       | 13.77%    | 5.05       |
| DD008E  | DD008E-173 | 154               | 155             | 7162.7    | 41.1      | 9         | 53.8      | 123.3     | 4.9       | 5716.7    | 0.5       | 1567.9    | 568       | 197.9     | 11.4      | 0.9       | 121      | 4.7       | 4433      | 172       | 25452     | 1.83      | 0.63       | 13.66%    | 4.29       |
| DD008E  | DD008E-174 | 155               | 156             | 1698.2    | 31.9      | 8.3       | 26.2      | 62.5      | 4.7       | 955.9     | 0.5       | 503.9     | 154.8     | 87.5      | 7         | 0.9       | 119.5    | 4.7       | 7779      | 116       | 9651      | 0.43      | 1.11       | 17.88%    | 1.63       |
| DD008E  | DD008E-175 | 156               | 157             | 3661.1    | 62.5      | 16.4      | 57.9      | 136.6     | 8.7       | 2272.2    | 0.8       | 1102.1    | 345.9     | 183.5     | 14.5      | 1.6       | 221.4    | 6.7       | 1491      | 232       | 18138     | 0.95      | 0.21       | 17.81%    | 3.06       |
| DD008E  | DD008E-176 | 157               | 158             | 6585.6    | 25.4      | 6.2       | 47        | 96.5      | 3         | 5062.2    | 0.4       | 1556.8    | 549.6     | 190.4     | 7.9       | 0.6       | 80.4     | 3.2       | 1725      | 475       | 30172     | 1.66      | 0.25       | 14.77%    | 5.08       |
| DD008E  | DD008E-177 | 158               | 159             | 4522.8    | 70.3      | 19.9      | 50.2      | 128.3     | 10        | 3304.5    | 1.1       | 1184.5    | 398.1     | 171.2     | 16.2      | 2.1       | 245.2    | 10        | 1146      | 122       | 20576     | 1.19      | 0.18       | 15.55%    | 3.47       |
| DD008E  | DD008E-178 | 159               | 160             | 10896     | 26.7      | 3.9       | 66.2      | 139.6     | 2.3       | 9234.4    | 0.2       | 2203.6    | 836       | 259.1     | 10.8      | 0         | 46.6     | 1.6       | 198       | 41        | 39975     | 2.78      | 0.03       | 12.77%    | 6.74       |
| DD008E  | DD008E-179 | 160               | 161             | 8062.3    | 42.7      | 11.7      | 64.6      | 130.5     | 6         | 6442.5    | 0.7       | 1946.2    | 674       | 255.9     | 11.3      | 1.2       | 152.6    | 5.8       | 783       | 248       | 36412     | 2.09      | 0.11       | 14.66%    | 6.14       |
| DD008E  | DD008E-180 | 161               | 162             | 7428.2    | 93.2      | 25.5      | 88.9      | 197.3     | 13.3      | 4150      | 1.4       | 2444      | 747.6     | 336.8     | 21.6      | 2.7       | 326.2    | 12.1      | 1759      | 297       | 33756     | 1.86      | 0.23       | 20.01%    | 5.69       |
| DD008E  | DD008E-182 | 162               | 163             | 7591.6    | 43.8      | 11.7      | 62.6      | 129.2     | 5.9       | 4949.4    | 0.7       | 2063.8    | 691.4     | 254.7     | 12.2      | 1.2       | 141.9    | 6.3       | 1439      | 259       | 33172     | 1.87      | 0.21       | 17.20%    | 5.59       |
| DD008E  | DD008E-183 | 163               | 164             | 10891     | 30.9      | 4.9       | 57.6      | 118.4     | 3.1       | 9487.6    | 0.2       | 2034.5    | 796.3     | 224.1     | 10.2      | 0         | 63.6     | 2         | 1138      | 129       | 44028     | 2.78      | 0.16       | 11.89%    | 7.42       |
| DD008E  | DD008E-184 | 164               | 165             | 7904.2    | 25.1      | 4.1       | 45.6      | 96.2      | 2.4       | 6614.9    | 0.2       | 1606.3    | 606       | 183.7     | 8.4       | 0         | 49.7     | 1.9       | 931       | 224       | 26379     | 2.01      | 0.13       | 12.86%    | 4.44       |
| DD008E  | DD008E-185 | 165               | 166             | 9260.4    | 26.6      | 4.5       | 51.3      | 103.1     | 2.8       | 7766.2    | 0.3       | 1849.9    | 703.5     | 197.6     | 9         | 0         | 61.8     | 2.3       | 657       | 173       | 31526     | 2.35      | 0.09       | 12.70%    | 5.31       |
| DD008E  | DD008E-187 | 166               | 167             | 9262.1    | 29.5      | 4.9       | 46.5      | 98.8      | 2.8       | 7819.7    | 0.2       | 1790.1    | 693.2     | 191.7     | 9.3       | 0         | 63.8     | 2.1       | 761       | 194       | 42976     | 2.34      | 0.11       | 12.37%    | 7.24       |
| DD008E  | DD008E-188 | 167               | 168             | 6536.1    | 33.5      | 6.9       | 44.2      | 97        | 3         | 8430.2    | 0.4       | 1415.4    | 533.1     | 164.1     | 9.9       | 0.6       | 90.5     | 3.2       | 709       | 123       | 26357     | 1.61      | 0.10       | 14.10%    | 4.44       |
| DD008E  | DD008E-189 | 168               | 169             | 8267.3    | 60.8      | 12.1      | 67.9      | 151.6     | 7         | 5800.8    | 0.6       | 2045.1    | 744.6     | 254.2     | 16.3      | 1.1       | 166.4    | 5.5       | 1122      | 196       | 34002     | 2.06      | 0.16       | 15.80%    | 5.73       |
| DD008E  | DD008E-191 | 169               | 170             | 6373.3    | 23.7      | 6         | 52.9      | 105.2     | 2.9       | 4570.2    | 0.4       | 1555.1    | 549.8     | 199.2     | 8.2       | 0.7       | 68.4     | 3.7       | 987       | 165       | 25079     | 1.58      | 0.14       | 15.52%    | 4.23       |
| DD008E  | DD008E-192 | 170               | 171             | 3567      | 46.5      | 13.6      | 42.8      | 98.7      | 6.5       | 2176.7    | 0.8       | 1011.8    | 336.4     | 149.1     | 10.6      | 1.3       | 169.5    | 6.6       | 1403      | 132       | 16805     | 0.90      | 0.20       | 17.53%    | 2.83       |
| DD008E  | DD008E-193 | 171               | 172             | 1838.2    | 38        | 11.6      | 28        | 67.2      | 5.8       | 1200.4    | 0.6       | 521.1     | 170.2     | 94.5      | 8.1       | 1.1       | 150.1    | 5.2       | 1167      | 219       | 9695      | 0.49      | 0.17       | 16.61%    | 1.63       |
| DD008E  | DD008E-194 | 172               | 173             | 1906.7    | 48.1      | 13.9      | 32.9      | 81.6      | 7         | 1160.7    | 0.7       | 579.9     | 181.5     | 103.9     | 10        | 1.3       | 184.8    | 6.1       | 618       | 204       | 8527      | 0.51      | 0.15       | 17.53%    | 1.44       |
| DD008E  | DD008E-195 | 173               | 174             | 4155.9    | 62.2      | 19.5      | 52.8      | 121       | 9.5       | 2250.8    | 1.1       | 1415.6    | 431.7     | 195.2     | 14        | 2         | 238.8    | 9.1       | 1794      | 49        | 22132     | 1.05      | 0.26       | 20.48%    | 3.73       |
| DD008E  | DD008E-196 | 174               | 175             | 4045.4    | 75.6      | 23.2      | 58.9      | 137.3     | 11.2      | 2099.9    | 1.3       | 1483      | 439.1     | 214.8     | 14.4      | 2.3       | 287.5    | 11.1      | 1777      | 48        | 22452     | 1.04      | 0.25       | 21.48%    | 3.78       |
| DD008E  | DD008E-197 | 175               | 176             | 3994.1    | 66.1      | 20.8      | 54.9      | 124.4     | 9.9       | 2150      | 1.2       | 1436.6    | 429.8     | 205.4     | 16.5      | 2.3       | 249.3    | 10        | 2045      | 23        | 22318     | 1.03      | 0.29       | 21.19%    | 3.76       |
| DD008E  | DD008E-198 | 176               | 177             | 5039.9    | 88.5      | 28.9      | 82.5      | 179.5     | 13.6      | 2575.2    | 1.9       | 1909.1    | 553.7     | 294.6     | 20.1      | 3.2       | 334.1    | 16.2      | 2059      | 26        | 23554     | 1.31      | 0.29       | 22.01%    | 3.97       |
| DD008E  | DD008E-200 | 177               | 178             | 4750.5    | 86.7      | 27.8      | 69.6      | 162.1     | 13.5      | 2537.4    | 1.8       | 1650      | 496.5     | 248       | 19.2      | 3         | 325.5    | 15.2      | 2077      | 37        | 26924     | 1.22      | 0.30       | 20.53%    | 4.54       |
| DD008E  | DD008E-201 | 178               | 179             | 4038.9    | 56.6      | 15.8      | 47.1      | 109.5     | 7.9       | 2394.4    | 1         | 1241.6    | 398.5     | 167.4     | 13.2      | 1.7       | 194.7    | 8.5       | 1278      | 355       | 11262     | 1.02      | 0.18       | 18.78%    | 1.90       |
| DD008E  | DD008E-202 | 179               | 180             | 4512.4    | 23        | 5.5       | 40        | 80.2      | 2.6       | 3031.2    | 0.4       | 1200.6    | 411.3     | 151.7     | 7.3       | 0.7       | 66.7     | 3.3       | 1015      | 559       | 19897     | 1.12      | 0.15       | 16.85%    | 3.35       |
| DD008E  | DD008E-203 | 180               | 181             | 5087.3    | 75.1      | 16.5      | 50.3      | 122.2     | 9.8       | 3623.4    | 0.9       | 1231.4    | 435.7     | 171.3     | 16.2      | 1.6       | 241.9    | 7.9       | 957       | 266       | 17990     | 1.30      | 0.14       | 14.97%    | 3.03       |
| DD008E  | DD008E-204 | 181               | 182             | 6212.2    | 43        | 10.2      | 52.1      | 113.1     | 5.5       | 4200.7    | 0.6       | 1526.5    | 549.9     | 191.3     | 11.6      | 1.1       | 135.9    | 5.4       | 928       | 155       | 24204     | 1.53      | 0.13       | 15.80%    | 4.08       |
| DD008E  | DD008E-205 | 182               | 183             | 7168.5    | 89.7      | 23        | 80.9      | 179.7     | 12.5      | 4343.8    | 1.2       | 2110      | 698.8     | 290.3     | 20.7      | 2.2       | 301.8    | 10.3      | 1514      | 236       | 36166     | 1.80      | 0.22       | 18.20%    | 6.09       |
| DD008E  | DD008E-206 | 183               | 184             | 4604.8    | 58.6      | 15.1      | 58        | 128.5     | 8         | 2558.7    | 0.8       | 1477.1    | 467.8     | 211.6     | 13.7      | 1.5       | 198.8    | 6.6       | 1133      | 359       | 23771     | 1.15      | 0.16       | 19.75%    | 4.01       |
| DD008E  | DD008E-207 | 184               | 185             | 6021.4    | 62.7      | 16.2      | 69.6      | 150.6     | 8.3       | 3522.4    | 0.8       | 1817.5    | 586.2     | 257.8     | 15.2      | 1.5       | 209      | 7.1       | 1208      | 196       | 30035     | 1.49      | 0.17       | 18.79%    | 5.06       |
| DD008E  | DD008E-208 | 185               | 186             | 5176      | 63.9      | 17.3      | 64.8      | 141.7     | 9         | 2797.1    | 0.9       | 1712.1    | 533.7     | 240.6     | 15.2      | 1.6       | 214.4    | 7.7       | 972       | 204       | 24595     | 1.29      | 0.14       | 20.35%    | 4.14       |
| DD008E  | DD008E-209 | 186               | 187             | 3512.5    | 54.4      | 14.8      | 49.4      | 113.5     | 7.8       | 1938      | 0.8       | 1129.9    | 358       | 165.2     | 12.7      | 1.5       | 199.9    | 6.8       | 1663      | 487       | 12478     | 0.89      | 0.24       | 19.58%    | 2.10       |
| DD008E  | DD008E-210 | 187               | 188             | 4245.8    | 66.7      | 18.6      | 58        | 133.4     | 9.3       | 2259.3    | 1         | 1444.8    | 445       | 210.5     | 15        | 1.8       | 239.7    | 8.4       | 1284      | 223       | 17485     | 1.07      | 0.18       | 20.55%    | 2.95       |
| DD008E  | DD008E     |                   |                 |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From (m) | Depth_To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD008E  | DD008E-257 | 229            | 230          | 7442.6 | 86.8   | 27.2   | 74.3   | 168.9  | 12.9   | 4703.7 | 1.5    | 2158.7 | 703.4  | 280.9  | 19.3   | 2.9    | 329.2 | 12.9   | 1856   | 71     | 36719  | 1.88   | 0.27    | 17.79% | 6.19    |
| DD008E  | DD008E-258 | 230            | 231          | 8378.7 | 86.9   | 25.5   | 83.2   | 185.5  | 12.5   | 5285.6 | 1.4    | 2387.6 | 843.1  | 307.9  | 20.4   | 2.5    | 300.9 | 11.9   | 1614   | 38     | 34802  | 2.10   | 0.23    | 17.95% | 5.86    |
| DD008E  | DD008E-259 | 231            | 232          | 9278.7 | 63.9   | 17.8   | 71.6   | 154.3  | 8.6    | 6669.2 | 1      | 2309   | 869.2  | 279.5  | 16     | 1.8    | 213.3 | 8.4    | 925    | 132    | 37893  | 2.34   | 0.13    | 15.86% | 6.38    |
| DD008E  | DD008E-260 | 232            | 233          | 5780.2 | 88.9   | 26.2   | 71.5   | 163.7  | 12.9   | 3225.1 | 1.3    | 1894.2 | 585.3  | 261.4  | 19.3   | 2.7    | 312.9 | 11.4   | 1889   | 24     | 30763  | 1.46   | 0.27    | 18.82% | 5.18    |
| DD008E  | DD008E-262 | 233            | 234          | 5365.7 | 88.9   | 25.3   | 78.1   | 174.2  | 12.7   | 2802.4 | 1.3    | 1964.4 | 576.2  | 279.3  | 20.1   | 2.7    | 315.7 | 11     | 1022   | 5      | 28661  | 1.37   | 0.15    | 21.59% | 4.83    |
| DD008E  | DD008E-263 | 234            | 235          | 5090   | 88     | 24.4   | 81.4   | 181.8  | 12.3   | 2826   | 1.4    | 1920.5 | 552.3  | 284.1  | 20.6   | 2.5    | 297.6 | 11.7   | 2026   | 13     | 25323  | 1.31   | 0.29    | 22.00% | 4.27    |
| DD008E  | DD008E-264 | 235            | 236          | 6858.1 | 72.4   | 21.7   | 75.2   | 157.9  | 10.5   | 3598.9 | 1.3    | 2277   | 739.2  | 291.5  | 16.8   | 2.3    | 263.8 | 11     | 1944   | 36     | 32432  | 1.69   | 0.28    | 20.87% | 5.46    |
| DD008E  | DD008E-265 | 236            | 237          | 7806.7 | 79.8   | 22.6   | 73.9   | 165.5  | 11.1   | 5035.6 | 1.4    | 2190.8 | 780.9  | 270.1  | 18.6   | 2.5    | 275   | 11.7   | 1528   | 204    | 32885  | 1.96   | 0.22    | 17.68% | 5.54    |
| DD008E  | DD008E-267 | 237            | 238          | 5864.8 | 64.1   | 19.6   | 58.3   | 129.6  | 9.3    | 3780.3 | 1.4    | 1632.7 | 541.8  | 213.8  | 14.3   | 2.3    | 235.6 | 11.7   | 1751   | 124    | 26291  | 1.47   | 0.25    | 17.22% | 4.43    |
| DD008E  | DD008E-268 | 238            | 239          | 6003   | 61     | 18.1   | 67.1   | 142.4  | 8.9    | 3442.7 | 1      | 1894.6 | 598.2  | 250.4  | 15.1   | 1.8    | 216.6 | 8.5    | 1908   | 213    | 25632  | 1.49   | 0.27    | 19.51% | 4.32    |
| DD008E  | DD008E-269 | 239            | 240          | 6176.3 | 66.8   | 19.1   | 74.1   | 160.2  | 9.7    | 3209.4 | 1.1    | 2066.1 | 636.9  | 276.4  | 16.8   | 2      | 231.3 | 9.1    | 1129   | 289    | 30114  | 1.52   | 0.16    | 20.79% | 5.07    |
| DD008E  | DD008E-271 | 240            | 241          | 5593.7 | 76.9   | 22.1   | 67.5   | 153.1  | 10.8   | 3005   | 1.2    | 1828.9 | 570.2  | 247    | 17.4   | 2.3    | 267   | 10.3   | 1585   | 76     | 28125  | 1.39   | 0.23    | 20.12% | 4.74    |
| DD008E  | DD008E-272 | 241            | 242          | 5901.3 | 82.9   | 25.5   | 73.8   | 164.5  | 12.2   | 3001.5 | 1.5    | 1985.3 | 61     | 272.2  | 19     | 2.7    | 304.4 | 12.7   | 2303   | 20     | 31031  | 1.46   | 0.33    | 20.73% | 5.23    |
| DD008E  | DD008E-273 | 242            | 243          | 5742.1 | 76.9   | 22.7   | 72.9   | 161.5  | 11.1   | 3038.6 | 1.3    | 1939   | 589.5  | 265    | 17.8   | 2.4    | 273.2 | 11.2   | 1521   | 40     | 32422  | 1.43   | 0.22    | 20.60% | 5.46    |
| DD008E  | DD008E-274 | 243            | 244          | 4244.6 | 61.8   | 18.7   | 58.6   | 130.5  | 8.8    | 2205.3 | 1      | 1449.8 | 444.1  | 206.9  | 14.6   | 2      | 220.2 | 8.9    | 2854   | 38     | 27857  | 1.06   | 0.41    | 20.78% | 4.69    |
| DD008E  | DD008E-275 | 244            | 245          | 5212.5 | 79.9   | 23.9   | 73     | 164.8  | 11.8   | 2629.9 | 1.4    | 1853.7 | 550    | 262    | 18.5   | 2.4    | 290.2 | 12.2   | 1912   | 21     | 29866  | 1.31   | 0.27    | 21.40% | 5.03    |
| DD008E  | DD008E-276 | 245            | 246          | 4125.2 | 69.1   | 21.2   | 59.5   | 136.4  | 10.2   | 2128.2 | 1.3    | 1478.8 | 437.8  | 213.2  | 15.6   | 2.3    | 253.3 | 11.2   | 1976   | 49     | 23488  | 1.05   | 0.28    | 21.29% | 3.96    |
| DD008E  | DD008E-277 | 246            | 247          | 4365.2 | 73.6   | 22.9   | 62.3   | 141.9  | 11     | 2022.5 | 1.3    | 1590.1 | 468.4  | 224.2  | 16.8   | 2.6    | 270.3 | 11.2   | 2274   | 32     | 24746  | 1.11   | 0.33    | 21.65% | 4.17    |
| DD008E  | DD008E-278 | 247            | 248          | 4018.9 | 58.7   | 17.8   | 56.2   | 123    | 8.6    | 2022.2 | 1      | 1521.2 | 435.4  | 212.7  | 13.7   | 1.9    | 209.8 | 8.7    | 2660   | 14     | 23725  | 1.02   | 0.38    | 22.37% | 4.70    |
| DD008E  | DD008E-280 | 248            | 249          | 3263.7 | 62.1   | 20.1   | 50.6   | 116.6  | 9.4    | 1654   | 1.2    | 1278.1 | 361    | 186.2  | 13.8   | 2.2    | 230.6 | 10.3   | 3752   | 29     | 16554  | 0.85   | 0.54    | 22.47% | 2.99    |
| DD008E  | DD008E-281 | 249            | 250          | 3530.1 | 63.5   | 20.2   | 54.4   | 122.8  | 9.5    | 1771.6 | 1.3    | 1366.2 | 388.5  | 195.9  | 13.9   | 2.3    | 243.5 | 10.9   | 2821   | 41     | 24395  | 0.91   | 0.40    | 22.41% | 4.11    |
| DD008E  | DD008E-282 | 250            | 251          | 4056.9 | 75.4   | 25.5   | 62.7   | 142.9  | 11.8   | 2006.4 | 1.7    | 1551.3 | 446.2  | 228.3  | 16.1   | 2.9    | 295   | 14.3   | 3179   | 22     | 22231  | 1.05   | 0.45    | 22.25% | 3.75    |
| DD008E  | DD008E-283 | 251            | 252          | 4428.2 | 95.9   | 30.7   | 69.1   | 167.4  | 14.5   | 2439.9 | 2.1    | 1553.7 | 461.5  | 232.6  | 20.4   | 3.6    | 366.4 | 17.8   | 2700   | 52     | 25158  | 1.16   | 0.39    | 20.25% | 4.24    |
| DD008E  | DD008E-284 | 252            | 253          | 1320.6 | 58.1   | 16.4   | 47.5   | 122.9  | 8.1    | 692.6  | 1.1    | 471.6  | 134    | 124.4  | 13.7   | 1.8    | 210.5 | 9.9    | 1660   | 268    | 3467   | 0.38   | 0.24    | 18.61% | 0.58    |
| DD008E  | DD008E-285 | 253            | 254          | 1040.6 | 78.5   | 20.6   | 53.3   | 153.1  | 10.8   | 516.8  | 1.4    | 436.4  | 114.4  | 127.7  | 18.4   | 2.3    | 287.9 | 11.7   | 1760   | 88     | 4284   | 0.34   | 0.25    | 19.00% | 0.72    |
| DD008E  | DD008E-286 | 254            | 255          | 1089.4 | 79.5   | 18.6   | 72     | 197.1  | 10     | 495    | 1.2    | 524.6  | 129.5  | 176.3  | 20.9   | 2      | 266.7 | 10.3   | 2499   | 34     | 5353   | 0.36   | 0.36    | 20.99% | 0.90    |
| DD008E  | DD008E-287 | 255            | 256          | 1315.5 | 61.6   | 14.1   | 69.9   | 177.8  | 7.4    | 722.2  | 0.9    | 475    | 132.1  | 171    | 16.8   | 1.5    | 199.4 | 7.7    | 7195   | 14     | 5466   | 0.40   | 1.03    | 17.90% | 0.92    |
| DD008E  | DD008E-288 | 256            | 257          | 1385.1 | 69.6   | 17.7   | 57.9   | 156.7  | 9.4    | 733.6  | 1.3    | 475.9  | 140.3  | 143.9  | 17.1   | 2.2    | 254.4 | 11.1   | 3969   | 82     | 8711   | 0.41   | 0.57    | 17.60% | 1.47    |
| DD008E  | DD008E-289 | 257            | 258          | 1575.5 | 55.3   | 17.5   | 41.3   | 104.1  | 8.3    | 759.7  | 1.4    | 558.2  | 165.3  | 118.6  | 12.7   | 2.1    | 227.6 | 11.7   | 2479   | 168    | 11866  | 0.43   | 0.35    | 19.64% | 2.00    |
| DD008E  | DD008E-290 | 258            | 259          | 1470.9 | 101.8  | 31.8   | 47.6   | 141.8  | 15.1   | 715.3  | 2.4    | 549.1  | 154    | 126    | 20.1   | 3.9    | 413.6 | 20.9   | 1091   | 149    | 16296  | 0.45   | 0.16    | 18.25% | 2.75    |
| DD008E  | DD008E-291 | 259            | 260          | 3064.5 | 84.8   | 30.7   | 51.4   | 131.6  | 13.3   | 1693.1 | 2.3    | 984.6  | 307.7  | 163.1  | 16.7   | 3.6    | 374.1 | 19.9   | 1483   | 52     | 16812  | 0.82   | 0.21    | 18.50% | 2.83    |
| DD008E  | DD008E-293 | 260            | 261          | 1060   | 46.8   | 12.8   | 41.3   | 105.4  | 6.4    | 506.1  | 1      | 386    | 108    | 105    | 11.7   | 1.5    | 182.8 | 8.6    | 2996   | 61     | 5867   | 0.30   | 0.43    | 19.03% | 0.93    |
| DD008E  | DD008E-294 | 261            | 262          | 967.4  | 96     | 35.1   | 46.5   | 142.8  | 16     | 523.5  | 2.5    | 432.8  | 93.8   | 96     | 18.7   | 4.2    | 448.4 | 21.7   | 2098   | 148    | 4752   | 0.33   | 0.30    | 14.22% | 0.80    |
| DD008E  | DD008E-295 | 262            | 263          | 1348.1 | 170.1  | 81.4   | 60.2   | 200.3  | 31.7   | 751.2  | 6.6    | 613.9  | 153.5  | 124.6  | 28.9   | 10.8   | 911.5 | 56.7   | 1731   | 68     | 12062  | 0.52   | 0.25    | 12.74% | 2.03    |
| DD008E  | DD008E-296 | 263            | 264          | 1319   | 72.6   | 19.6   | 66.1   | 170.3  | 9.7    | 666.2  | 1.4    | 515.6  | 140    | 168.2  | 17.7   | 2.3    | 270.4 | 12     | 4832   | 132    | 6484   | 0.41   | 0.69    | 18.86% | 1.09    |
| DD008E  | DD008E-297 | 264            | 265          | 911.9  | 59.2   | 15.2   | 39.5   | 112.9  | 8      | 454.3  | 1      | 330.4  | 92     | 95.7   | 13.6   | 1.6    | 222.1 | 8.2    | 1885   | 188    | 5144   | 0.28   | 0.27    | 17.70% | 0.87    |
| DD008E  | DD008E-298 | 265            | 266          | 697.1  | 66.2   | 16.9   | 35.3   | 110.1  | 9      | 354.3  | 1      | 294.4  | 74     | 89     | 14.4   | 1.7    | 255.5 | 8.7    | 1273   | 78     | 5195   | 0.24   | 0.18    | 17.97% | 0.88    |
| DD008E  | DD008E-299 | 266            | 267          | 1326.8 | 81.3   | 21.2   | 38.9   | 121.9  | 11.4   | 728.7  | 1.2    | 450.7  | 127.8  | 105    | 17     | 2.2    | 322.9 | 10.6   | 1326   | 297    | 7632   | 0.40   | 0.19    | 17.02% | 1.29    |
| DD008E  | DD008E-300 | 267            | 268          | 1617   | 58.4   | 19     | 27.4   | 79.2   | 9      | 1037.3 | 1.2    | 476.9  | 146.3  | 83.9   | 11.5   | 2.1    | 257.6 | 10.2   | 1426   | 162    | 6883   | 0.45   | 0.20    | 16.12% | 1.16    |
| DD008E  | DD008E-301 | 268            | 269          | 1597.9 | 23.1   | 7.3    | 25.1   | 56.4   | 3      | 829.8  | 0.5    | 564.3  | 163    | 95.7   | 5.6    | 0.8    | 97    | 4.4    | 1039   | 195    | 5234   | 0.41   | 0.15    | 20.84% | 0.88    |
| DD008E  | DD008E-302 | 269            | 270          | 4610.9 | 69.4   | 22.4   | 59.2   | 135.6  | 10.4   | 2475.1 | 1.5    | 1638   | 478.7  | 228    | 11.7   | 2.6    | 276.3 | 12.5   | 2711   | 37     | 23828  | 1.18   | 0.39    | 21.00% | 4.01    |
| DD008E  | DD008E-303 | 270            | 271          | 3310   | 52.8   | 18.3   | 45.9   | 103.6  | 8.2    | 1753.6 | 1.2    | 1223   | 348.1  | 174.6  | 12.1   | 2.1    | 219.4 | 10     | 1342   | 18     | 14885  | 0.85   | 0.19    | 21.47% | 2.51    |
| DD008E  | DD008E-304 | 271            | 272          | 3350.2 | 54.3   | 17.2   | 44.4   | 103.8  | 8.1    | 1780.5 | 1      | 1250.5 | 354.3  | 170.9  | 12.3   | 2      | 205.5 | 9      | 2095   | 20     | 20016  | 0.86   | 0.30    | 21.70% | 3.37    |
| DD008E  | DD008E-305 | 272            | 273          | 3096.7 | 55.8   | 18.1   | 44     | 101.7  | 8.2    | 1654.3 | 1.1    | 1173.1 | 332.2  | 166.4  | 12.1   | 2      | 213.6 | 9.5    | 1532   | 30     | 18151  | 0.81   | 0.22    | 21.77% | 3.06    |
| DD008E  | DD008E-307 | 273            | 274          | 2565.7 | 47.4   | 14     | 36.8   | 88.5   | 7.2    | 1310.2 | 1      | 968.9  | 272.5  | 137.7  | 10.4   | 1.8    | 182.2 | 8.4    | 1339   | 50     | 16008  | 0.66   | 0.19    | 21.86% | 2.70    |
| DD008E  | DD008E-308 | 274            | 275          | 4036.9 | 69.9   | 21.4   | 61.3   | 138.7  | 10.5   | 2021.6 | 1.3    | 1597.6 | 443    | 232.1  | 16.3   | 2.3    | 265.8 | 11.3   | 1985   | 26     | 24313  | 1.05   | 0.28    | 22.75% | 4.10    |
| DD008E  | DD008E-309 | 275            | 276          | 4259.1 | 66.2   | 19.6   | 62.6   | 141.9  | 9.5    | 2155.4 | 1.1    | 1707.5 | 470.5  | 245.3  | 15.7   | 2.1    | 236.6 | 9.5    | 3090   | 4      | 26837  | 1.10   | 0.44    | 23.07% | 4.52    |
| DD008E  | DD008E-311 | 276            | 277          | 4082.9 | 58.5   | 17.3   | 57.6   | 129.3  | 8.4    | 2070.1 | 1      | 1587.6 | 438.5  | 223.9  | 14.2   | 1.8    | 211.5 | 8.2    | 2594   | 6      | 25621  | 1.04   | 0.37    | 22.65% | 4.32    |
| DD008E  | DD008E-312 | 277            | 278          | 4033.2 | 66.9   | 19.8   | 61.7   | 141.1  | 9.8    | 2050.5 | 1.1    | 1604.4 | 441.3  | 227.8  | 15.9   | 2      | 247.9 | 9.3    | 882    | 9      | 26786  | 1.05   | 0.13    | 22.80% | 4.51    |
| DD008E  | DD008E-313 | 278            | 2            |        |        |        |        |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth From (m) | Depth To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCo3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD008E  | DD008E-360 | 319            | 320          | 1992.2 | 21     | 5      | 31.5   | 68     | 2.4    | 864.5  | 0.6    | 795.9  | 219.3  | 130.7  | 6      | 0.7    | 64    | 5.1    | 492    | 1361   | 13071  | 0.49   | 0.07    | 24.05% | 2.20    |
| DD008E  | DD008E-361 | 320            | 321          | 1283.9 | 13.6   | 3.6    | 22.8   | 47.2   | 1.7    | 516.5  | 0.3    | 591.4  | 151    | 96.4   | 3.9    | 0      | 46    | 2.8    | 313    | 940    | 11515  | 0.33   | 0.04    | 26.61% | 1.94    |
| DD008E  | DD008E-362 | 321            | 322          | 2041.2 | 31.5   | 9.5    | 33.6   | 73.8   | 4.5    | 939.1  | 0.8    | 910.8  | 240.2  | 135.3  | 7.5    | 1.2    | 124.6 | 6.4    | 394    | 542    | 11886  | 0.53   | 0.06    | 25.14% | 2.00    |
| DD008E  | DD008E-363 | 322            | 323          | 1938   | 11.7   | 3.4    | 23.3   | 44.5   | 1.4    | 959.3  | 0.4    | 746.8  | 208.8  | 103.7  | 3.5    | 0.6    | 40.5  | 3.6    | 593    | 214    | 13040  | 0.48   | 0.08    | 23.29% | 2.20    |
| DD008E  | DD008E-364 | 323            | 324          | 1608.8 | 15.9   | 4.8    | 22.2   | 47.4   | 2.4    | 690.9  | 0.5    | 637.2  | 176.2  | 92.9   | 4.3    | 0.7    | 61.6  | 4.7    | 430    | 442    | 11402  | 0.39   | 0.06    | 24.05% | 1.92    |
| DD008E  | DD008E-365 | 324            | 325          | 1672.9 | 21.2   | 7.4    | 21.5   | 45.6   | 3.3    | 895.9  | 0.6    | 560.3  | 165.8  | 82     | 4.9    | 0.9    | 92.8  | 5.2    | 582    | 306    | 9119   | 0.42   | 0.08    | 20.19% | 1.54    |
| DD008E  | DD008E-366 | 325            | 326          | 2669.5 | 18.1   | 5.1    | 28.7   | 61     | 2.4    | 1579   | 0.4    | 877.6  | 267.1  | 121.9  | 5.1    | 0.6    | 62.9  | 3.7    | 323    | 472    | 12824  | 0.67   | 0.05    | 20.01% | 2.16    |
| DD008E  | DD008E-367 | 326            | 327          | 1229.7 | 19.8   | 6.4    | 16.1   | 39.5   | 3.1    | 675.5  | 0.5    | 398.1  | 118.2  | 60.4   | 4.4    | 0.8    | 81    | 4.4    | 481    | 123    | 4347   | 0.31   | 0.07    | 19.33% | 0.73    |
| DD008E  | DD008E-368 | 327            | 328          | 1224.3 | 10.8   | 3.6    | 13.6   | 29.2   | 1.6    | 662.1  | 0.3    | 400.5  | 119.3  | 53.6   | 2.8    | 0      | 43.6  | 2.7    | 177    | 63     | 3711   | 0.30   | 0.03    | 20.17% | 0.63    |
| DD008E  | DD008E-369 | 328            | 329          | 1958.1 | 7.9    | 2.1    | 18     | 35.3   | 1      | 1125.3 | 0.2    | 613.1  | 187.3  | 78.1   | 2.7    | 0      | 25.4  | 1.6    | 96     | 45     | 9818   | 0.47   | 0.01    | 19.67% | 1.65    |
| DD008E  | DD008E-370 | 329            | 330          | 1492.5 | 19.1   | 5.5    | 19.6   | 44.8   | 2.8    | 762.2  | 0.4    | 523.9  | 150    | 77.9   | 4.5    | 0.6    | 74.6  | 3.2    | 781    | 621    | 4608   | 0.37   | 0.11    | 21.09% | 0.78    |
| DD008E  | DD008E-371 | 330            | 331          | 982    | 13.1   | 3.9    | 14     | 31.8   | 1.9    | 463.7  | 0.3    | 359.1  | 102.2  | 53.6   | 3.1    | 0      | 50.7  | 2.2    | 1034   | 177    | 5123   | 0.24   | 0.15    | 22.07% | 0.86    |
| DD008E  | DD008E-373 | 331            | 332          | 1788.9 | 20.9   | 6.4    | 22.7   | 49.8   | 3      | 997.5  | 0.4    | 598.7  | 177.1  | 88.3   | 4.7    | 0.7    | 81.7  | 3.4    | 470    | 511    | 6363   | 0.45   | 0.07    | 20.10% | 1.07    |
| DD008E  | DD008E-374 | 332            | 333          | 6234.6 | 34.2   | 8      | 53.7   | 115.9  | 4.2    | 4152.3 | 0.4    | 1701.9 | 569.2  | 219    | 10     | 0.8    | 103.2 | 3.7    | 431    | 1327   | 21582  | 1.55   | 0.06    | 17.13% | 3.64    |
| DD008E  | DD008E-375 | 333            | 334          | 3177.1 | 39.2   | 12.9   | 38     | 85.5   | 6.2    | 2064   | 0.8    | 1032.6 | 326.3  | 151.9  | 9      | 1.5    | 166.9 | 7.1    | 1179   | 777    | 17381  | 0.83   | 0.17    | 19.01% | 2.93    |
| DD008E  | DD008E-376 | 334            | 335          | 3882.2 | 44.4   | 14.7   | 41.4   | 93.2   | 6.9    | 2622   | 1      | 1279.1 | 403.1  | 170.9  | 9.8    | 1.6    | 186.9 | 8.4    | 1268   | 465    | 19699  | 1.03   | 0.18    | 19.11% | 3.32    |
| DD008E  | DD008E-377 | 335            | 336          | 4006.4 | 18.3   | 4.2    | 36.1   | 73.3   | 2.1    | 2624   | 0.4    | 1219.3 | 403.6  | 163.2  | 6.1    | 0.5    | 55.1  | 3.2    | 204    | 547    | 26190  | 1.01   | 0.03    | 18.78% | 4.41    |
| DD008E  | DD008E-378 | 336            | 337          | 3305.7 | 29.5   | 7      | 42.1   | 87.4   | 3.6    | 1523.1 | 0.5    | 1308.5 | 400.2  | 175.8  | 8.3    | 0.7    | 95.4  | 4.1    | 207    | 658    | 25124  | 0.82   | 0.03    | 24.36% | 4.23    |
| DD008E  | DD008E-379 | 337            | 338          | 2245.7 | 26     | 7      | 33.3   | 70.9   | 3.3    | 935.6  | 0.5    | 968    | 279.4  | 144.1  | 6.7    | 0.8    | 89.7  | 4.5    | 239    | 391    | 16894  | 0.56   | 0.03    | 25.82% | 2.85    |
| DD008E  | DD008E-380 | 338            | 339          | 2168.3 | 27.6   | 8.6    | 34.1   | 75.2   | 3.9    | 1025   | 0.7    | 867.4  | 254.5  | 134.9  | 7.3    | 1      | 115.8 | 6      | 254    | 430    | 15051  | 0.55   | 0.04    | 23.62% | 2.54    |
| DD008E  | DD008E-381 | 339            | 340          | 1111.6 | 35.6   | 12.3   | 26.5   | 66.8   | 5.6    | 554.5  | 0.9    | 465.4  | 125.9  | 91.3   | 7.9    | 1.6    | 169.1 | 8.3    | 946    | 154    | 10113  | 0.32   | 0.14    | 21.89% | 1.70    |
| DD008E  | DD008E-382 | 340            | 341          | 846.1  | 64.1   | 24.5   | 25.8   | 75.7   | 11.1   | 413.9  | 1.8    | 366.9  | 97.1   | 77.2   | 11.2   | 3      | 305.6 | 16.2   | 837    | 56     | 12412  | 0.28   | 0.12    | 19.60% | 2.09    |
| DD008E  | DD008E-383 | 341            | 342          | 782    | 23.4   | 8.4    | 19.9   | 46.7   | 3.8    | 340.6  | 0.6    | 361.7  | 96     | 71.7   | 5      | 0.9    | 108.7 | 5.7    | 682    | 310    | 6725   | 0.22   | 0.10    | 24.26% | 1.13    |
| DD008E  | DD008E-384 | 342            | 343          | 1891.4 | 52.5   | 16.2   | 49.2   | 114.6  | 7.8    | 954.1  | 1.1    | 837.1  | 226.4  | 173.8  | 12.5   | 1.9    | 221.8 | 9.4    | 1269   | 651    | 16677  | 0.54   | 0.18    | 23.14% | 2.81    |
| DD008E  | DD008E-385 | 343            | 344          | 10775  | 40.8   | 7.6    | 47.7   | 100.8  | 4.6    | 9324.9 | 0.4    | 2255.1 | 920.6  | 205.6  | 10.8   | 0.7    | 102.2 | 3.7    | 474    | 225    | 47069  | 2.79   | 0.07    | 13.30% | 7.93    |
| DD008E  | DD008E-387 | 344            | 345          | 12164  | 42.5   | 7.9    | 55     | 112.2  | 4.7    | 10283  | 0.5    | 2603.2 | 1081.9 | 242.2  | 11.5   | 0.7    | 102.4 | 4.4    | 555    | 34     | 50817  | 3.13   | 0.08    | 13.75% | 8.56    |
| DD008E  | DD008E-388 | 345            | 346          | 3517.2 | 42.1   | 13     | 38.4   | 88.3   | 6.1    | 2296.1 | 1.1    | 1116   | 355.2  | 151.8  | 9.8    | 1.6    | 162.4 | 9.7    | 735    | 153    | 24679  | 0.92   | 0.11    | 18.76% | 4.16    |
| DD008E  | DD008E-389 | 346            | 347          | 2310.1 | 26     | 9.3    | 24.3   | 52.9   | 4.1    | 1536   | 0.9    | 720.9  | 229.6  | 99.2   | 5.8    | 1.3    | 109.7 | 7.8    | 941    | 250    | 11853  | 0.60   | 0.13    | 18.42% | 2.00    |
| DD008E  | DD008E-391 | 347            | 348          | 1206.3 | 17.7   | 6      | 13.6   | 31     | 2.9    | 602.6  | 0.5    | 407.6  | 129.1  | 54.4   | 3.7    | 0.7    | 76.8  | 4.5    | 1471   | 228    | 6352   | 0.39   | 0.21    | 20.89% | 1.07    |
| DD008E  | DD008E-392 | 348            | 349          | 1236.2 | 19.4   | 8.5    | 13.1   | 29.4   | 3.3    | 639.1  | 0.6    | 432.5  | 133.3  | 54.5   | 3.4    | 1.1    | 97.1  | 5.1    | 651    | 147    | 6215   | 0.31   | 0.09    | 21.03% | 1.05    |
| DD008E  | DD008E-393 | 349            | 350          | 825.8  | 27.4   | 12.5   | 13.7   | 37.1   | 5.1    | 425.2  | 1      | 309.1  | 90.8   | 49.8   | 4.8    | 1.6    | 143.8 | 8.8    | 712    | 199    | 4225   | 0.23   | 0.10    | 20.28% | 0.71    |
| DD008E  | DD008E-394 | 350            | 351          | 215.6  | 8.6    | 4      | 4.3    | 12.1   | 1.5    | 122    | 0.4    | 92.4   | 25.5   | 16.2   | 1.6    | 0.6    | 40.6  | 3.7    | 95     | 5      | 1371   | 0.06   | 0.01    | 21.31% | 0.23    |
| DD008E  | DD008E-395 | 351            | 352          | 1365.8 | 19.2   | 7.6    | 14.7   | 34.2   | 3.2    | 817.3  | 0.6    | 435    | 136.1  | 58.5   | 4      | 0.9    | 83.9  | 5.5    | 192    | 50     | 11201  | 0.35   | 0.03    | 19.03% | 1.89    |
| DD008E  | DD008E-396 | 352            | 353          | 1628.8 | 21.4   | 8.4    | 15.6   | 37.7   | 3.5    | 1165.3 | 0.7    | 469.4  | 153.3  | 62     | 4.5    | 1.1    | 92.3  | 6      | 244    | 45     | 10599  | 0.43   | 0.03    | 16.89% | 1.78    |
| DD008E  | DD008E-397 | 353            | 354          | 507    | 10.3   | 4.6    | 6.3    | 17     | 2      | 342.9  | 0.5    | 172.6  | 53.3   | 24.4   | 2      | 0.7    | 50.3  | 4.2    | 148    | 20     | 1983   | 0.14   | 0.02    | 18.75% | 0.33    |
| DD008E  | DD008E-398 | 354            | 355          | 314.4  | 9.1    | 4.3    | 5.1    | 13.4   | 1.6    | 204.4  | 0.4    | 117.2  | 34.6   | 17.1   | 1.8    | 0.6    | 43.4  | 3.7    | 111    | 9      | 1411   | 0.09   | 0.02    | 19.63% | 0.24    |
| DD008E  | DD008E-400 | 355            | 356          | 226.6  | 9.3    | 4.4    | 4.6    | 13.1   | 1.7    | 127.4  | 0.4    | 93.7   | 26.7   | 16.7   | 1.6    | 0.6    | 45.6  | 3.9    | 128    | 16     | 1105   | 0.07   | 0.02    | 20.73% | 0.19    |
| DD008E  | DD008E-401 | 356            | 357          | 1587.7 | 80     | 35.1   | 25.4   | 73.4   | 15.6   | 1072.9 | 2.4    | 531.7  | 159.5  | 86.9   | 11.8   | 3.9    | 412.9 | 21.5   | 1286   | 108    | 9093   | 0.49   | 0.18    | 26.36% | 1.53    |
| DD008E  | DD008E-402 | 357            | 358          | 1220.2 | 94.4   | 47.8   | 19.4   | 63.4   | 19.5   | 738.6  | 3.1    | 393.3  | 120.3  | 60.6   | 12.2   | 5.3    | 538.2 | 27.7   | 722    | 78     | 6412   | 0.40   | 0.10    | 15.05% | 1.08    |
| DD008E  | DD008E-403 | 358            | 359          | 8027.6 | 44.4   | 17     | 38.4   | 88.5   | 7      | 6182.5 | 1.3    | 1718.8 | 669.3  | 167.3  | 9.6    | 2      | 187.9 | 11.8   | 2348   | 110    | 14461  | 2.01   | 0.34    | 13.85% | 2.44    |
| DD008E  | DD008E-404 | 359            | 359.75       | 8120.1 | 41     | 13.1   | 43.4   | 96.5   | 6.2    | 6527.3 | 0.8    | 1741.9 | 672.4  | 184.4  | 10.1   | 1.4    | 148.5 | 6.8    | 3579   | 87     | 30641  | 2.06   | 0.51    | 13.69% | 5.16    |
| DD008E  | DD008E-405 | 359.75         | 361          | 13069  | 33.5   | 6.3    | 52.2   | 111.8  | 3.7    | 11367  | 0.3    | 2614.1 | 1101.6 | 235.2  | 10.5   | 0.5    | 78.1  | 2.4    | 442    | 5      | 58850  | 3.36   | 0.06    | 12.91% | 9.92    |
| DD008E  | DD008E-406 | 361            | 362          | 14009  | 34.5   | 6.4    | 51.3   | 114    | 3.6    | 12878  | 0.3    | 2654.8 | 1147.2 | 231.6  | 11     | 0      | 77.8  | 2.7    | 641    | 18     | 55962  | 3.66   | 0.09    | 12.14% | 9.43    |
| DD008E  | DD008E-407 | 362            | 363          | 5865   | 25.4   | 7.7    | 27.3   | 63.1   | 3.5    | 5319.8 | 0.6    | 1190.7 | 470.6  | 113.2  | 6.5    | 0.9    | 85.3  | 5.3    | 692    | 32     | 19368  | 1.54   | 0.10    | 12.56% | 3.26    |
| DD008E  | DD008E-408 | 363            | 364          | 1637.3 | 39.6   | 17     | 21.5   | 55.5   | 7.1    | 1129   | 1.2    | 491.7  | 156.2  | 74.3   | 7.2    | 2.1    | 188.6 | 10.6   | 1589   | 162    | 14120  | 0.45   | 0.23    | 16.77% | 2.38    |
| DD008E  | DD008E-409 | 364            | 365          | 4153.6 | 34.3   | 12.4   | 26.3   | 64.6   | 5.7    | 3516.8 | 1      | 836.7  | 347.4  | 105.5  | 7.3    | 1.6    | 140.3 | 8.9    | 1031   | 115    | 20838  | 1.10   | 0.15    | 13.66% | 3.51    |
| DD008E  | DD008E-410 | 365            | 366          | 1209.3 | 28.2   | 13.1   | 15.6   | 39.6   | 4.9    | 737    | 1.4    | 383.8  | 119.5  | 58.1   | 5.1    | 1.9    | 134.6 | 12.1   | 438    | 61     | 9955   | 0.32   | 0.06    | 16.10% | 1.68    |
| DD008E  | DD008E-411 | 366            | 367          | 4656.1 | 29.7   | 11.8   | 24.9   | 57.9   | 4.9    | 4087.8 | 1      | 967.6  | 369.5  | 98.6   | 6.4    | 1.6    | 128.4 | 9.4    | 1033   | 117    | 20113  | 1.23   | 0.15    | 12.74% | 3.39    |
| DD008E  | DD008E-413 | 367            | 368          | 9928.9 | 30.4   | 6.4    | 52.7   | 113.6  | 3.4    | 8480.3 | 0.4    | 2144.5 | 819.5  | 217    | 10.2   | 0.6    | 77    | 3.4    | 2096   | 45     | 44606  | 2.56   | 0.30    | 13.50% | 7.52    |
| DD008E  | DD008E-414 | 368            | 369          | 9761.5 | 61.1   | 18.8   | 62.4   | 141    | 9      | 7795.1 | 1.3    | 2322.8 | 843.9  | 253.2  | 15     | 2.2    | 220   | 11.1   | 1461   | 71     | 34337  | 2.52   | 0.21    | 14.66% | 5.79    |
| DD008E  | DD008E-415 | 369            | 370          | 5115   | 128.3  | 45.6   |        |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD008E  | DD008E-472 | 419               | 420             | 1699.1    | 47.4      | 18.2      | 30.7      | 79.1      | 7.7       | 818.4     | 1.4       | 692.4     | 191.3     | 107.5     | 9.6       | 2.2       | 198.2    | 12.8      | 305       | 3         | 14814     | 0.46      | 0.04       | 22.43%    | 2.50       |
| DD008E  | DD008E-473 | 420               | 421             | 2987.2    | 49.6      | 20        | 39.8      | 90.8      | 8.4       | 1667.4    | 1.8       | 1065.7    | 316.9     | 151.6     | 9.9       | 2.6       | 219.4    | 16        | 2313      | 18        | 19214     | 0.78      | 0.33       | 20.70%    | 3.24       |
| DD008E  | DD008E-474 | 421               | 422             | 2313.4    | 53.6      | 22.7      | 32.2      | 79.9      | 9.6       | 1284.8    | 1.9       | 840.5     | 248.2     | 119.9     | 10.1      | 3         | 243.5    | 17.1      | 2894      | 3         | 14328     | 0.62      | 0.41       | 20.50%    | 2.41       |
| DD008E  | DD008E-475 | 422               | 423             | 1824.9    | 68.4      | 24.1      | 31.9      | 91.1      | 11.6      | 961.7     | 1.6       | 674.7     | 197.8     | 105.4     | 12.6      | 2.9       | 269.1    | 14.5      | 1988      | 1         | 12899     | 0.50      | 0.28       | 20.19%    | 2.17       |
| DD008E  | DD008E-476 | 423               | 424             | 2557.6    | 45.8      | 16.5      | 35.5      | 84.1      | 7.3       | 1301.5    | 1.3       | 971       | 279.7     | 140.4     | 9.2       | 2         | 186.9    | 11.9      | 4507      | 11        | 22651     | 0.66      | 0.64       | 22.03%    | 3.82       |
| DD008E  | DD008E-477 | 424               | 425             | 2211.4    | 61.6      | 26.5      | 35.1      | 88.7      | 10.9      | 1186.8    | 2.6       | 820.3     | 235.3     | 122.2     | 10.9      | 3.7       | 282.4    | 22.8      | 1692      | 83        | 18448     | 0.60      | 0.24       | 20.48%    | 3.11       |
| DD008E  | DD008E-478 | 425               | 426             | 4468.9    | 49.5      | 18.5      | 47.1      | 103       | 8         | 2556      | 1.4       | 1556.3    | 467.1     | 194.5     | 10.5      | 2.3       | 203      | 12.4      | 1993      | 26        | 24918     | 1.14      | 0.29       | 20.78%    | 4.20       |
| DD008E  | DD008E-480 | 426               | 427             | 3772.4    | 24.1      | 7.7       | 38.5      | 77.2      | 3.4       | 2307.5    | 0.7       | 1277.5    | 390.1     | 160.2     | 6.5       | 1         | 83.3     | 6         | 588       | 27        | 25187     | 0.96      | 0.08       | 20.38%    | 4.20       |
| DD008E  | DD008E-481 | 427               | 428             | 2990.6    | 78        | 37.9      | 39.8      | 103.5     | 14.3      | 1633.7    | 3.4       | 1067.4    | 318.4     | 143.1     | 13.9      | 5.2       | 376.1    | 30.2      | 1991      | 79        | 14856     | 0.81      | 0.28       | 20.08%    | 2.54       |
| DD008E  | DD008E-482 | 428               | 429             | 2142.4    | 168.1     | 71        | 59.6      | 190.4     | 29.6      | 1232.9    | 5.4       | 796.5     | 225.3     | 162.7     | 28.2      | 9.3       | 749.7    | 48        | 1596      | 56        | 10169     | 0.70      | 0.23       | 17.07%    | 1.71       |
| DD008E  | DD008E-483 | 429               | 430             | 5998.8    | 29        | 8.8       | 46.5      | 93.9      | 3.8       | 4235.2    | 0.7       | 1648.3    | 547.3     | 193.4     | 8.1       | 1.1       | 95.7     | 6         | 1137      | 33        | 35891     | 1.51      | 0.16       | 16.94%    | 6.05       |
| DD008E  | DD008E-484 | 430               | 431             | 3635.6    | 70.1      | 27.6      | 42.5      | 107.3     | 12.1      | 2345.3    | 1.9       | 1148.1    | 358.5     | 156.5     | 13.1      | 3.4       | 307.9    | 16.8      | 3015      | 68        | 12972     | 0.97      | 0.43       | 18.17%    | 2.19       |
| DD008E  | DD008E-485 | 431               | 432             | 3952      | 57.7      | 19.8      | 40.5      | 96        | 9.2       | 2490.8    | 1.3       | 1252.9    | 386.7     | 155.4     | 11.8      | 2.3       | 235.3    | 11.2      | 3256      | 1         | 16314     | 1.02      | 0.47       | 18.71%    | 2.75       |
| DD008E  | DD008E-486 | 432               | 433             | 2138.4    | 98.6      | 44.6      | 38.6      | 108.1     | 17.9      | 1183      | 3.6       | 823.5     | 234.5     | 123.1     | 16.8      | 6         | 485.2    | 31.8      | 1190      | 9         | 14960     | 0.63      | 0.17       | 19.58%    | 2.52       |
| DD008E  | DD008E-487 | 433               | 434             | 3811.6    | 85.4      | 37.3      | 38.8      | 102.2     | 15.5      | 2828.2    | 2.7       | 1038.9    | 341.7     | 132.7     | 14.8      | 4.7       | 404      | 23.8      | 718       | 28        | 23543     | 1.04      | 0.10       | 15.45%    | 3.97       |
| DD008E  | DD008E-488 | 434               | 435             | 6146.7    | 86.3      | 32.3      | 50.4      | 126.3     | 14.4      | 4685      | 2.1       | 1571.1    | 538.4     | 185.1     | 16.7      | 3.8       | 362.1    | 18.8      | 1523      | 29        | 35464     | 1.62      | 0.22       | 15.17%    | 5.98       |
| DD008E  | DD008E-489 | 435               | 436             | 10103     | 54        | 16.4      | 53.3      | 118.4     | 7.8       | 8365.4    | 1         | 2218.8    | 840       | 216.3     | 12.7      | 1.7       | 191.3    | 8.5       | 1594      | 40        | 46851     | 2.60      | 0.23       | 13.72%    | 7.89       |
| DD008E  | DD008E-490 | 436               | 437             | 6307.6    | 43.4      | 12.5      | 42.1      | 96.4      | 6.3       | 4999.6    | 0.8       | 1503      | 527       | 163.5     | 10.2      | 1.4       | 151.9    | 6.8       | 739       | 202       | 32574     | 1.63      | 0.11       | 14.58%    | 5.49       |
| DD008E  | DD008E-491 | 437               | 438             | 645.5     | 32.6      | 12.6      | 13.5      | 38.5      | 5.9       | 364.3     | 0.8       | 252.9     | 71.4      | 43.6      | 5.5       | 1.5       | 155      | 7.1       | 715       | 98        | 7106      | 0.19      | 0.10       | 19.47%    | 1.70       |
| DD008E  | DD008E-493 | 438               | 439             | 1542.4    | 40.4      | 15.4      | 21.6      | 55.8      | 6.9       | 383.1     | 1.2       | 540.4     | 157.9     | 78.8      | 7.5       | 1.9       | 178.6    | 10.2      | 573       | 74        | 10355     | 0.41      | 0.08       | 19.85%    | 1.24       |
| DD008E  | DD008E-494 | 439               | 440             | 2887      | 47.6      | 16.4      | 28.2      | 71.4      | 7.6       | 2002.4    | 1.2       | 837.2     | 269.1     | 105.4     | 9.2       | 2         | 196.4    | 10.9      | 822       | 256       | 14480     | 0.76      | 0.12       | 16.96%    | 2.44       |
| DD008E  | DD008E-495 | 440               | 441             | 3360.1    | 35.9      | 13.4      | 27        | 62.8      | 5.9       | 2443.8    | 1         | 888.6     | 298.8     | 103.7     | 7.2       | 1.7       | 149      | 9         | 1270      | 241       | 14182     | 0.87      | 0.18       | 15.96%    | 2.39       |
| DD008E  | DD008E-496 | 441               | 442             | 1154.3    | 70.3      | 38        | 27.2      | 77.6      | 14.1      | 528.5     | 3.2       | 497.4     | 129.1     | 86.1      | 11.1      | 5.1       | 366.7    | 28        | 569       | 16        | 17637     | 0.36      | 0.08       | 20.41%    | 2.97       |
| DD008E  | DD008E-497 | 442               | 443             | 1355.7    | 55.3      | 26.4      | 27.6      | 74.1      | 10.4      | 629.7     | 2.1       | 578       | 152.5     | 94.5      | 9.9       | 3.4       | 261.9    | 18.7      | 548       | 5         | 16624     | 0.39      | 0.08       | 21.96%    | 2.80       |
| DD008E  | DD008E-498 | 443               | 444             | 1034      | 48.2      | 27.1      | 20.5      | 56.9      | 10.1      | 540.4     | 2.5       | 380.8     | 106.8     | 63.5      | 8.1       | 3.7       | 260.6    | 22.1      | 586       | 12        | 13329     | 0.30      | 0.08       | 18.68%    | 2.25       |
| DD008E  | DD008E-499 | 444               | 445             | 1055.2    | 33.8      | 17.6      | 17.1      | 45.7      | 6.7       | 534.7     | 1.7       | 388.6     | 110.4     | 58.7      | 5.9       | 2.5       | 177.2    | 15.4      | 771       | 8         | 13691     | 0.29      | 0.11       | 20.04%    | 2.31       |
| DD008E  | DD008E-500 | 445               | 446             | 1728.8    | 55.3      | 26.5      | 30.9      | 79.4      | 10.8      | 826.9     | 2.3       | 710.3     | 191.8     | 103.6     | 10        | 3.5       | 268.6    | 20.2      | 1735      | 7         | 14544     | 0.49      | 0.25       | 22.03%    | 2.45       |
| DD008E  | DD008E-502 | 446               | 447.43          | 1661.2    | 52.1      | 25.8      | 29.4      | 72.6      | 9.8       | 772.7     | 2.6       | 675.8     | 182.3     | 103.2     | 9.4       | 3.6       | 256      | 22.7      | 2424      | 7         | 15323     | 0.46      | 0.35       | 21.97%    | 2.58       |
| DD008E  | DD008E-503 | 447.43            | 448             | 236.6     | 9         | 5.9       | 5.2       | 14        | 1.9       | 131.3     | 0.8       | 104.7     | 27.4      | 18.4      | 1.7       | 0.9       | 54.1     | 6.9       | 649       | 18        | 3521      | 0.07      | 0.09       | 21.17%    | 0.59       |
| DD008E  | DD008E-504 | 448               | 449             | 953.2     | 30.3      | 14.9      | 19.2      | 47.6      | 5.9       | 437.7     | 1.5       | 401.4     | 106.8     | 63        | 5.9       | 2.1       | 149      | 13.1      | 875       | 26        | 8181      | 0.26      | 0.13       | 22.41%    | 1.38       |
| DD008E  | DD008E-505 | 449               | 450             | 2396.8    | 52.3      | 20.8      | 35        | 88.2      | 8.7       | 1620      | 1.7       | 800.3     | 232.6     | 122       | 10.7      | 2.6       | 227.6    | 15.4      | 1333      | 55        | 21091     | 0.66      | 0.19       | 18.23%    | 3.55       |
| DD008E  | DD008E-507 | 450               | 451             | 2742      | 51.3      | 19.7      | 40.8      | 98.2      | 8.6       | 1761.9    | 1.8       | 962.9     | 276.6     | 147.2     | 11.2      | 2.6       | 211.2    | 15.6      | 1704      | 28        | 18063     | 0.75      | 0.24       | 19.42%    | 3.04       |
| DD008E  | DD008E-508 | 451               | 452             | 6876.6    | 31.4      | 8.2       | 55        | 106.2     | 3.8       | 4532.5    | 0.5       | 2098.5    | 665.8     | 234.4     | 9.2       | 0.8       | 93.9     | 4.4       | 740       | 10        | 33086     | 1.72      | 0.11       | 18.72%    | 5.57       |
| DD008E  | DD008E-509 | 452               | 453             | 3430.1    | 56.3      | 16.3      | 44.6      | 104.6     | 8.4       | 1911.6    | 1         | 1285.9    | 367.7     | 167.5     | 12        | 1.9       | 203.9    | 9.1       | 1036      | 5         | 12187     | 0.89      | 0.15       | 21.40%    | 3.57       |
| DD008E  | DD008E-511 | 453               | 454             | 3476.4    | 41        | 11.3      | 35.4      | 81.9      | 5.7       | 2299.7    | 0.7       | 1082.6    | 337.8     | 135.3     | 9.4       | 1.2       | 143.2    | 6.4       | 568       | 66        | 18340     | 0.90      | 0.08       | 18.45%    | 3.09       |
| DD008E  | DD008E-512 | 454               | 455             | 4922.4    | 52.9      | 15        | 51.7      | 114.3     | 7.4       | 3148.9    | 0.9       | 1590.1    | 486.9     | 200.9     | 12.6      | 1.6       | 182.3    | 7.9       | 157       | 28        | 22829     | 1.27      | 0.02       | 19.17%    | 3.85       |
| DD008E  | DD008E-513 | 455               | 456             | 1524.6    | 63.7      | 19.9      | 34.2      | 89.2      | 9.6       | 697.5     | 1.3       | 652.5     | 172.1     | 111.2     | 12.3      | 2.2       | 248.4    | 11.1      | 66        | 79        | 19684     | 0.43      | 0.01       | 22.43%    | 3.32       |
| DD008E  | DD008E-514 | 456               | 457             | 2309.4    | 108       | 37.3      | 51        | 141.2     | 17.5      | 1320.2    | 2.8       | 877.7     | 244.6     | 153.7     | 19.6      | 4.5       | 430.4    | 24.4      | 1116      | 39        | 12284     | 0.68      | 0.16       | 19.39%    | 2.07       |
| DD008E  | DD008E-515 | 457               | 458             | 2794.2    | 119.4     | 38        | 57.8      | 156.2     | 18.7      | 1522.3    | 2.6       | 1102.7    | 302.9     | 178.1     | 22        | 4.4       | 459.2    | 22.7      | 1133      | 30        | 20633     | 0.80      | 0.16       | 20.52%    | 3.48       |
| DD008E  | DD008E-516 | 458               | 459             | 4155.9    | 94.6      | 31.7      | 65.4      | 154.7     | 15.1      | 2141.8    | 1.9       | 1655.1    | 466.2     | 234.6     | 19.1      | 3.5       | 383.8    | 16.4      | 2059      | 4         | 34334     | 1.11      | 0.29       | 22.35%    | 5.78       |
| DD008E  | DD008E-517 | 459               | 460             | 4348.5    | 87.6      | 29.4      | 61.7      | 146.5     | 13.9      | 2587      | 1.7       | 1536.7    | 448.4     | 215.8     | 17.6      | 3.3       | 349.6    | 15        | 1880      | 2         | 23511     | 1.16      | 0.27       | 20.03%    | 3.96       |
| DD008E  | DD008E-518 | 460               | 461             | 7068.3    | 50.3      | 16.1      | 50.5      | 110.8     | 7.5       | 5513.3    | 1         | 1736.4    | 604.1     | 194.9     | 11.2      | 1.8       | 190.1    | 8.6       | 1137      | 391       | 33076     | 1.82      | 0.16       | 14.98%    | 5.57       |
| DD008E  | DD008E-520 | 461               | 462             | 5807.8    | 67.9      | 21.4      | 52.8      | 119.3     | 10.4      | 4194.3    | 1.3       | 1618.3    | 519.7     | 194.3     | 13.9      | 2.4       | 260.8    | 11.3      | 970       | 40        | 29408     | 1.51      | 0.14       | 16.51%    | 4.95       |
| DD008E  | DD008E-521 | 462               | 463             | 4595.8    | 74.6      | 21.7      | 54.6      | 128.8     | 11.3      | 3141.3    | 1.2       | 1443.7    | 444.5     | 190.2     | 15.3      | 2.4       | 269.6    | 10.9      | 2486      | 62        | 25836     | 1.22      | 0.36       | 18.06%    | 4.35       |
| DD008E  | DD008E-522 | 463               | 464             | 5495.3    | 66        | 19.1      | 51.9      | 117.9     | 9.9       | 3828.4    | 1         | 1640.5    | 511.6     | 196.8     | 13.9      | 2         | 232.8    | 8.8       | 1131      | 13        | 31668     | 1.43      | 0.16       | 17.57%    | 5.34       |
| DD008E  | DD008E-523 | 464               | 465             | 3379.2    | 32.4      | 9.4       | 41.1      | 83.8      | 4.8       | 1835.7    | 0.5       | 1332.8    | 367.3     | 167       | 8.2       | 1         | 115.9    | 4.8       | 519       | 2         | 26390     | 0.86      | 0.07       | 22.94%    | 4.45       |
| DD008E  | DD008E-524 | 465               | 466             | 3138      | 31.1      | 9.3       | 39.7      | 81.8      | 4.7       | 1699.9    | 0.6       | 1229.5    | 340.8     | 160.2     | 7.7       | 1         | 115.6    | 5.4       | 429       | 10        | 20782     | 0.80      | 0.06       | 22.79%    | 3.50       |
| DD008E  | DD008E-525 | 466               | 467             | 4057.3    | 52.3      | 14.4      | 47.6      | 104.2     | 7.6       | 2514.7    | 0.8       | 1356.1    | 408.9     | 177.1     | 11.4      | 1.4       | 177.5    | 6.9       | 1052      | 34        | 20334     | 1.05      | 0.15       | 19.65%    | 3.43       |
| DD008E  | DD008E-526 | 467               | 468             | 3127      | 21.9      | 6.1       | 37.2      | 73.4      | 3         | 1736.3    | 0.4       | 1196.9    | 336.8     | 150.2     | 6.5       | 0.7       | 73.8     | 3.7       | 1130      | 3         | 31892     | 0.79      | 0.16       | 22.57%    | 5.37       |
| DD008E  | DD008E-527 | 468               | 469</           |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

Drill Collar DD013A (Dominant Mineralisation highlighted **REE** Nb and bold text used for quoted layers)

| Hole_ID | Sample No  | Depth From (m) | Depth To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb205 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD013A  | DD013A-001 | 0              | 1            | 141.3  | 6.9    | 2.8    | 3.8    | 9.5    | 1.1    | 87.7   | 0.3    | 69.4   | 19     | 12.4   | 1.2    | 0      | 31.4  | 2.4    | 1657   | 9      | 1062   | 0.05   | 0.24    | 22.53% | 0.18    |
| DD013A  | DD013A-002 | 1              | 3            | 222.8  | 8.7    | 3.9    | 5      | 12.5   | 1.7    | 122.9  | 0.4    | 103.2  | 26.6   | 16.9   | 1.6    | 0.5    | 44.1  | 2.8    | 1709   | 15     | 2011   | 0.07   | 0.24    | 22.45% | 0.34    |
| DD013A  | DD013A-003 | 3              | 4            | 453.7  | 18.1   | 8.5    | 10.2   | 24.5   | 3.3    | 229.2  | 0.9    | 198.7  | 51.4   | 33.2   | 3.2    | 1.2    | 87.8  | 7.3    | 1178   | 21     | 3678   | 0.13   | 0.17    | 21.94% | 0.62    |
| DD013A  | DD013A-004 | 4              | 6            | 354.7  | 17.4   | 7.5    | 9.2    | 22.8   | 3.1    | 185.6  | 0.8    | 162.1  | 42     | 30.3   | 3.1    | 1      | 79.6  | 6.5    | 922    | 20     | 2206   | 0.11   | 0.13    | 21.87% | 0.37    |
| DD013A  | DD013A-005 | 6              | 8            | 144.9  | 6.8    | 3      | 3.7    | 8.9    | 1.2    | 73     | 0.5    | 68.9   | 17     | 11.1   | 1.2    | 0      | 33.5  | 3.6    | 340    | 32     | 1209   | 0.04   | 0.05    | 22.57% | 0.20    |
| DD013A  | DD013A-006 | 8              | 9            | 188.3  | 11.1   | 4.6    | 5.6    | 14.7   | 1.8    | 97.1   | 0.7    | 88.5   | 23.1   | 16.4   | 2      | 0.7    | 51.4  | 5.2    | 239    | 16     | 1674   | 0.06   | 0.03    | 21.63% | 0.28    |
| DD013A  | DD013A-007 | 9              | 11           | 500.5  | 22.6   | 10.2   | 12.4   | 31.9   | 3.9    | 247.9  | 1.2    | 222.5  | 57     | 38.7   | 4.3    | 1.3    | 108.7 | 9.2    | 619    | 10     | 3491   | 0.15   | 0.09    | 21.79% | 0.59    |
| DD013A  | DD013A-008 | 11             | 13           | 511.9  | 22.9   | 10.6   | 12.5   | 32.6   | 4      | 240.1  | 1.2    | 239.1  | 60.4   | 40.2   | 4.3    | 1.5    | 108.6 | 9.6    | 233    | 6      | 2976   | 0.15   | 0.03    | 22.86% | 0.50    |
| DD013A  | DD013A-009 | 13             | 15           | 828.7  | 42.9   | 21.7   | 19.8   | 51.8   | 7.9    | 432.2  | 2.6    | 342.2  | 90.9   | 62.4   | 7.5    | 3.5    | 221.6 | 20.2   | 427    | 19     | 2984   | 0.25   | 0.06    | 19.90% | 0.50    |
| DD013A  | DD013A-010 | 15             | 17           | 228.7  | 7.7    | 3.9    | 4.4    | 10.9   | 1.5    | 116.5  | 0.6    | 94.1   | 25.3   | 16     | 1.5    | 0.8    | 41.5  | 5.1    | 654    | 17     | 1021   | 0.07   | 0.09    | 21.22% | 0.17    |
| DD013A  | DD013A-011 | 17             | 18           | 306.7  | 10     | 5.2    | 5.8    | 15     | 1.9    | 163.3  | 0.7    | 118.2  | 33.1   | 20.5   | 2      | 0.8    | 53.3  | 5.3    | 242    | 3      | 3383   | 0.09   | 0.03    | 20.24% | 0.57    |
| DD013A  | DD013A-013 | 18             | 19           | 333.3  | 10.6   | 5.1    | 6.6    | 16.1   | 2.1    | 178.8  | 0.6    | 133    | 36.6   | 20.5   | 2.1    | 0.8    | 57.1  | 4.9    | 193    | 3      | 3945   | 0.09   | 0.03    | 20.73% | 0.66    |
| DD013A  | DD013A-014 | 19             | 22           | 373.9  | 11.4   | 4.9    | 8.2    | 19.6   | 2      | 185.6  | 0.5    | 163.5  | 42.5   | 25.7   | 2.5    | 0.7    | 53.7  | 3.8    | 394    | 14     | 3477   | 0.11   | 0.06    | 22.78% | 0.59    |
| DD013A  | DD013A-015 | 22             | 24           | 212.4  | 16.1   | 9.4    | 6.7    | 17.2   | 3.5    | 110.9  | 0.9    | 97.4   | 25     | 19.2   | 2.6    | 1.4    | 97.8  | 7.1    | 611    | 13     | 2049   | 0.07   | 0.09    | 19.24% | 0.35    |
| DD013A  | DD013A-016 | 24             | 25           | 376.1  | 46.5   | 29     | 14     | 40.5   | 10.3   | 175.7  | 2.5    | 175    | 43.5   | 37.2   | 7      | 3.9    | 284.6 | 19.4   | 1883   | 6      | 3360   | 0.15   | 0.27    | 16.95% | 0.57    |
| DD013A  | DD013A-017 | 25             | 26           | 480.9  | 16.9   | 7.8    | 10.3   | 26     | 2.9    | 243.4  | 0.7    | 204.4  | 53.2   | 35.6   | 3.4    | 0.9    | 82.4  | 5.7    | 1256   | 9      | 4198   | 0.14   | 0.18    | 21.91% | 0.71    |
| DD013A  | DD013A-018 | 26             | 27           | 395.3  | 23.4   | 10.3   | 11.1   | 27.9   | 4.1    | 188.4  | 0.9    | 211.5  | 50.4   | 36.5   | 3.9    | 1.3    | 110.5 | 6.7    | 482    | 9      | 3810   | 0.13   | 0.07    | 23.97% | 0.64    |
| DD013A  | DD013A-019 | 27             | 28           | 138.1  | 4.9    | 2.1    | 3.9    | 8.2    | 0.9    | 73.6   | 0.2    | 69.8   | 16.6   | 12.2   | 1.3    | 0      | 24    | 1.8    | 145    | 26     | 1165   | 0.04   | 0.02    | 23.99% | 0.20    |
| DD013A  | DD013A-020 | 28             | 29           | 400.6  | 19     | 6.7    | 11.4   | 27.9   | 3.2    | 200.8  | 0.6    | 191.7  | 47.3   | 35.8   | 3.7    | 0.8    | 81.2  | 4.9    | 698    | 12     | 3310   | 0.12   | 0.10    | 22.90% | 0.56    |
| DD013A  | DD013A-022 | 29             | 30           | 149    | 8.3    | 4.4    | 3.3    | 8.6    | 1.6    | 80.3   | 0.5    | 66.8   | 17.3   | 11.8   | 1.3    | 0.6    | 44.1  | 4      | 885    | 17     | 2113   | 0.05   | 0.13    | 20.71% | 0.36    |
| DD013A  | DD013A-023 | 30             | 31           | 145.8  | 6      | 2.9    | 2.9    | 7.1    | 1.1    | 81.7   | 0.3    | 59     | 15.7   | 8.5    | 1      | 0      | 32.2  | 2.2    | 569    | 9      | 1473   | 0.04   | 0.08    | 20.21% | 0.25    |
| DD013A  | DD013A-024 | 31             | 32           | 301.7  | 12.9   | 6      | 6.3    | 17.1   | 2.4    | 164    | 0.5    | 135    | 35.9   | 21.9   | 2.4    | 0.7    | 65.4  | 4.3    | 401    | 3      | 3131   | 0.09   | 0.06    | 21.82% | 0.53    |
| DD013A  | DD013A-025 | 32             | 33           | 403    | 15.3   | 6.9    | 8.6    | 22.1   | 2.7    | 189.9  | 0.7    | 187.5  | 47.7   | 29.2   | 2.8    | 1      | 71.6  | 5.8    | 270    | 6      | 4004   | 0.12   | 0.04    | 23.47% | 0.67    |
| DD013A  | DD013A-027 | 33             | 34           | 301    | 12.6   | 5.1    | 7.2    | 18.8   | 2.1    | 135.8  | 0.5    | 145.1  | 36.1   | 26     | 2.2    | 0.6    | 55.5  | 4.1    | 167    | 3      | 3423   | 0.09   | 0.02    | 23.97% | 0.58    |
| DD013A  | DD013A-028 | 34             | 35           | 669.9  | 24     | 9.6    | 14.1   | 35.2   | 4.3    | 358.3  | 1      | 284.8  | 73.5   | 43.1   | 4.5    | 1.3    | 111.2 | 7.7    | 293    | 4      | 7112   | 0.19   | 0.04    | 21.66% | 1.20    |
| DD013A  | DD013A-029 | 35             | 36           | 458.7  | 12.9   | 5.4    | 8.3    | 21     | 2.1    | 241.9  | 0.7    | 188.3  | 49.4   | 29.5   | 2.5    | 0.8    | 60.1  | 5.2    | 158    | 3      | 7073   | 0.13   | 0.02    | 21.73% | 1.19    |
| DD013A  | DD013A-031 | 36             | 37           | 200.6  | 7      | 3.5    | 3.9    | 10     | 1.4    | 97.8   | 0.5    | 87     | 22.5   | 12.9   | 1.2    | 0.6    | 36    | 3.8    | 204    | 4      | 2197   | 0.06   | 0.03    | 22.24% | 0.37    |
| DD013A  | DD013A-032 | 37             | 38           | 476.7  | 18     | 7.7    | 10.9   | 28.3   | 3.2    | 241.7  | 0.7    | 216.5  | 55.8   | 37.2   | 3.5    | 1      | 82.5  | 5.5    | 537    | 9      | 2576   | 0.14   | 0.08    | 22.73% | 0.43    |
| DD013A  | DD013A-033 | 38             | 39           | 472.1  | 21.2   | 9.3    | 11.4   | 28.2   | 3.9    | 231.8  | 0.7    | 211.5  | 54.2   | 38.2   | 3.6    | 1.1    | 101.6 | 5.8    | 757    | 30     | 3122   | 0.14   | 0.11    | 22.06% | 0.63    |
| DD013A  | DD013A-034 | 39             | 40.1         | 498    | 10.7   | 3.9    | 7.6    | 17.4   | 1.6    | 258.3  | 0.6    | 192.8  | 53.1   | 25.9   | 2.3    | 0.5    | 48.4  | 4.6    | 937    | 52     | 3749   | 0.13   | 0.13    | 21.72% | 0.63    |
| DD013A  | DD013A-035 | 40.1           | 41           | 1371.9 | 13     | 4.5    | 16.2   | 33.6   | 1.9    | 713.6  | 0.4    | 506.6  | 144.6  | 62.1   | 3.2    | 0.5    | 51.4  | 3.4    | 659    | 8      | 8371   | 0.34   | 0.09    | 22.17% | 1.41    |
| DD013A  | DD013A-036 | 41             | 42           | 305.5  | 8.4    | 3.9    | 5.6    | 12.1   | 1.6    | 164.2  | 0.4    | 118.5  | 32.7   | 15.7   | 1.5    | 0.6    | 41.3  | 3.4    | 412    | 17     | 2987   | 0.08   | 0.06    | 22.10% | 0.50    |
| DD013A  | DD013A-037 | 42             | 43           | 318.7  | 8.6    | 3.6    | 5      | 11.6   | 1.6    | 172.1  | 0.4    | 116.4  | 33.7   | 16.4   | 1.7    | 0      | 41.4  | 3.3    | 437    | 3      | 3170   | 0.09   | 0.06    | 20.30% | 0.53    |
| DD013A  | DD013A-038 | 43             | 44           | 349.2  | 9.1    | 4      | 5.1    | 12.2   | 1.7    | 196.5  | 0.5    | 121.6  | 35.5   | 16.4   | 1.7    | 0.6    | 44.2  | 4.3    | 460    | 15     | 3426   | 0.09   | 0.07    | 19.45% | 0.58    |
| DD013A  | DD013A-040 | 44             | 45           | 912.8  | 36.7   | 11.8   | 22.3   | 55.2   | 5.7    | 459.1  | 1      | 395.6  | 103.1  | 68.3   | 7.1    | 1.4    | 147.2 | 7.8    | 1256   | 24     | 4895   | 0.26   | 0.18    | 22.16% | 0.82    |
| DD013A  | DD013A-041 | 45             | 46           | 1013.8 | 30.4   | 8.3    | 19.6   | 51.1   | 4.1    | 530.9  | 0.5    | 408    | 110.9  | 62.5   | 6.7    | 0.8    | 106.1 | 4.3    | 1222   | 26     | 2477   | 0.28   | 0.17    | 21.89% | 0.42    |
| DD013A  | DD013A-042 | 46             | 47           | 847.6  | 37.4   | 9.7    | 21.4   | 58     | 5.3    | 437.9  | 0.7    | 365.4  | 95.2   | 66.1   | 7.9    | 1      | 129.3 | 5.7    | 1561   | 21     | 3300   | 0.25   | 0.22    | 21.91% | 0.56    |
| DD013A  | DD013A-043 | 47             | 48           | 782    | 21.5   | 6.3    | 15     | 37.7   | 3.4    | 415.4  | 0.5    | 309.1  | 83.7   | 47.3   | 4.9    | 0.7    | 83.1  | 3.9    | 1283   | 21     | 2055   | 0.21   | 0.18    | 21.53% | 0.35    |
| DD013A  | DD013A-044 | 48             | 49.76        | 454.7  | 16.1   | 4.9    | 10     | 25.5   | 2.5    | 250    | 0.5    | 180    | 48.9   | 29.5   | 3.2    | 0.6    | 61    | 4.2    | 625    | 7      | 1969   | 0.13   | 0.09    | 20.84% | 0.33    |
| DD013A  | DD013A-045 | 49.76          | 51           | 2255.6 | 38.2   | 10.8   | 34.9   | 76.7   | 5.6    | 1100.6 | 0.9    | 912.3  | 239.2  | 128.4  | 8.4    | 1.2    | 137.9 | 7.2    | 1237   | 30     | 6130   | 0.58   | 0.18    | 23.13% | 1.03    |
| DD013A  | DD013A-046 | 51             | 52           | 1746.8 | 24.7   | 7.2    | 26.7   | 56     | 3.3    | 810.3  | 0.5    | 734.9  | 190.1  | 101    | 5.8    | 0.8    | 85.6  | 4.2    | 1406   | 14     | 4085   | 0.45   | 0.20    | 24.26% | 0.69    |
| DD013A  | DD013A-047 | 52             | 53           | 3002.8 | 25.5   | 6.3    | 35.4   | 76.1   | 3      | 1779.2 | 0.5    | 1024.2 | 291.5  | 133.1  | 7      | 0.7    | 74.5  | 4.1    | 1635   | 4      | 21381  | 0.76   | 0.23    | 20.29% | 3.60    |
| DD013A  | DD013A-048 | 53             | 54           | 3434.4 | 35.9   | 7.3    | 39.4   | 90.5   | 4.3    | 1891.4 | 0.4    | 1180.4 | 338.3  | 153.1  | 9.1    | 0.7    | 99.7  | 3.4    | 530    | 252    | 11493  | 0.85   | 0.08    | 20.77% | 1.94    |
| DD013A  | DD013A-049 | 54             | 55           | 274.3  | 67.3   | 25.1   | 14.4   | 47.8   | 12.1   | 137.6  | 1.4    | 125.4  | 31     | 34.4   | 10.4   | 2.5    | 309.5 | 10.7   | 494    | 13     | 2345   | 0.13   | 0.07    | 13.85% | 0.40    |
| DD013A  | DD013A-050 | 55             | 56           | 2422.7 | 39.2   | 13.5   | 22.3   | 50.4   | 6.6    | 1331.6 | 0.7    | 754.1  | 227.1  | 86.3   | 6.9    | 1.3    | 164.8 | 5.5    | 593    | 116    | 12933  | 0.60   | 0.08    | 19.02% | 2.18    |
| DD013A  | DD013A-051 | 56             | 57           | 444.5  | 5.9    | 4.2    | 5.1    | 10.3   | 1.3    | 238.1  | 0.6    | 174.1  | 48     | 21.4   | 1.2    | 0.7    | 37.3  | 4.5    | 546    | 235    | 4613   | 0.12   | 0.08    | 22.16% | 0.78    |
| DD013A  | DD013A-053 | 57             | 58           | 332.2  | 13.7   | 8      | 5.8    | 14.6   | 3      | 170.2  | 0.8    | 137.8  | 36.7   | 22.9   | 2.1    | 1.2    | 84.5  | 6.4    | 241    | 27     | 7049   | 0.10   | 0.03    | 20.57% | 1.19    |
| DD013A  | DD013A-054 | 58             | 59           | 489.7  | 10.9   | 5.1    | 8.3    | 18.6   | 1.8    | 255.5  | 0.5    | 197.8  | 52.7   | 29.5   | 2.1    | 0.7    | 51.7  | 4.1    | 463    | 40     | 5775   | 0.13   | 0.07    | 22.06% | 0.97    |
| DD013A  | DD013A-055 | 59             | 60           | 846.3  | 10.6   | 4      | 10.2   | 22.9   | 1.7    | 497.7  | 0.5    | 288.4  | 85.3   | 38.3   | 2.5    | 0.6    | 45.6  | 3.8    | 435    | 36     | 6229   | 0.22   | 0.06    | 20.02% | 1.05    |
| DD013A  | DD013A-056 | 60             | 61           | 616.3  | 11.8   | 6.5    | 10.2   | 21.8   | 2.2    | 329.4  | 0.7    | 250.7  | 67     | 36.7   | 2.3    | 0.9    | 59.2  | 5.9    | 726    | 19     | 3191   | 0.17   | 0.10    | 22.23% | 0.54    |
| DD013A  | DD013A-057 | 61             | 62           | 430.4  | 9.3    | 4.8    | 6.3    | 14.7   | 1.7    | 231.9  | 0.5    | 172.6  | 46.9   | 25.6   | 1.7    | 0.7    | 48.8  | 3.6    | 467    | 16     | 1920   | 0.12   | 0.07    | 21.83% | 0.32    |
| DD013A  | DD013A-058 | 62             | 63           | 333.8  | 12.8   | 6.1    | 5.9    | 13.4   | 2.6    | 174.9  | 0.4    | 140    | 37.2   | 21.    |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD013A  | DD013A-088 | 89                | 90              | 320.5     | 10.4      | 5.4       | 6         | 15.5      | 2         | 173.4     | 0.6       | 122.1     | 33.8      | 20.6      | 1.9       | 0.8       | 56.5     | 4.8       | 838       | 57        | 4632      | 0.09      | 0.12       | 19.98%    | 0.78       |
| DD013A  | DD013A-089 | 90                | 91              | 453.3     | 16.7      | 7.8       | 9.6       | 24        | 3         | 215.2     | 0.9       | 208       | 51.4      | 33.9      | 3         | 1.1       | 87.5     | 7         | 732       | 46        | 7458      | 0.13      | 0.10       | 22.93%    | 1.26       |
| DD013A  | DD013A-090 | 91                | 92              | 421.4     | 13.9      | 7.3       | 7.8       | 20.2      | 2.6       | 223.2     | 0.9       | 172       | 44.5      | 26.8      | 2.5       | 1         | 71.5     | 7.1       | 612       | 21        | 6129      | 0.12      | 0.09       | 21.01%    | 1.03       |
| DD013A  | DD013A-091 | 92                | 93              | 468.8     | 14.2      | 7.2       | 7.9       | 20.9      | 2.6       | 238       | 0.8       | 184       | 50.2      | 27.8      | 2.5       | 1.1       | 71.5     | 6.6       | 555       | 20        | 10202     | 0.13      | 0.08       | 21.06%    | 1.72       |
| DD013A  | DD013A-093 | 93                | 94              | 572.9     | 12.9      | 6.3       | 8.3       | 20.7      | 2.3       | 338.2     | 0.7       | 195       | 56        | 26.3      | 2.6       | 0.9       | 66.8     | 5.8       | 253       | 23        | 5715      | 0.15      | 0.04       | 18.96%    | 0.96       |
| DD013A  | DD013A-094 | 94                | 95              | 540.7     | 18.9      | 8.8       | 10.5      | 27.2      | 3.4       | 267.1     | 0.9       | 225.4     | 59.8      | 37.6      | 3.6       | 1.3       | 93.2     | 7.4       | 969       | 23        | 8730      | 0.15      | 0.14       | 21.68%    | 1.47       |
| DD013A  | DD013A-095 | 95                | 96              | 456.5     | 22.3      | 10.4      | 11.9      | 30.2      | 4.2       | 222       | 1.1       | 206.8     | 52.7      | 37        | 3.9       | 1.5       | 111.4    | 8.4       | 1127      | 251       | 5887      | 0.14      | 0.16       | 21.79%    | 0.99       |
| DD013A  | DD013A-096 | 96                | 97              | 316.8     | 13.5      | 6.3       | 7.5       | 18.1      | 2.4       | 154.7     | 0.7       | 142.5     | 36.3      | 23.8      | 2.4       | 0.9       | 68.2     | 5.7       | 817       | 16        | 6637      | 0.09      | 0.12       | 22.17%    | 1.12       |
| DD013A  | DD013A-097 | 97                | 98              | 369.8     | 15.3      | 6.8       | 7.7       | 19.7      | 2.7       | 183.6     | 0.7       | 154.4     | 40.9      | 26.1      | 2.5       | 1         | 74.5     | 5.8       | 376       | 347       | 7279      | 0.11      | 0.05       | 21.25%    | 1.23       |
| DD013A  | DD013A-098 | 98                | 99              | 185.4     | 11.3      | 6.5       | 4.9       | 11.5      | 2.4       | 92.1      | 0.5       | 83        | 21.2      | 14.7      | 1.8       | 0.8       | 63.4     | 4.2       | 455       | 40        | 4295      | 0.06      | 0.07       | 20.45%    | 0.72       |
| DD013A  | DD013A-099 | 99                | 100             | 211       | 15.9      | 7.6       | 5.3       | 13.3      | 3.5       | 108.2     | 0.5       | 89.4      | 23.5      | 15.7      | 2.4       | 0.9       | 89.1     | 4         | 367       | 48        | 2585      | 0.07      | 0.05       | 18.87%    | 0.44       |
| DD013A  | DD013A-100 | 100               | 101             | 304.8     | 31.6      | 12        | 7.6       | 24.9      | 5.7       | 156       | 0.7       | 131.3     | 33.3      | 22.6      | 4.6       | 1.2       | 154.3    | 5.8       | 529       | 188       | 3227      | 0.11      | 0.08       | 18.09%    | 0.54       |
| DD013A  | DD013A-102 | 101               | 102             | 287.1     | 9.2       | 3.6       | 4.7       | 11.5      | 1.7       | 148.4     | 0.3       | 116.5     | 30.2      | 15.5      | 1.5       | 0         | 44.2     | 2.1       | 512       | 196       | 5213      | 0.08      | 0.07       | 21.53%    | 0.88       |
| DD013A  | DD013A-103 | 102               | 103             | 1057      | 25.1      | 8.4       | 13.6      | 35.4      | 3.9       | 512.7     | 0.5       | 363.6     | 110.1     | 46.5      | 4.8       | 0.8       | 102.8    | 4         | 431       | 184       | 10709     | 0.27      | 0.06       | 20.58%    | 1.80       |
| DD013A  | DD013A-104 | 103               | 104             | 1219.6    | 22        | 7.5       | 15.4      | 36.6      | 3.5       | 647.6     | 0.5       | 447.1     | 124.8     | 58.6      | 4.2       | 0.8       | 95.9     | 3.6       | 514       | 143       | 11800     | 0.32      | 0.07       | 21.17%    | 1.99       |
| DD013A  | DD013A-105 | 104               | 105             | 509.4     | 4.4       | 1.7       | 5.3       | 10.2      | 0.6       | 251.9     | 0         | 191.4     | 55.1      | 23.3      | 1         | 0         | 20.1     | 0.7       | 588       | 172       | 4899      | 0.13      | 0.08       | 22.84%    | 0.83       |
| DD013A  | DD013A-107 | 105               | 106             | 2878.4    | 11.2      | 3.6       | 20.8      | 42.6      | 1.5       | 1385.8    | 0.2       | 949.8     | 286.3     | 99.3      | 3.4       | 0         | 42.9     | 1.8       | 355       | 192       | 14542     | 0.67      | 0.05       | 21.52%    | 2.45       |
| DD013A  | DD013A-108 | 106               | 107             | 4380.8    | 16.2      | 4.5       | 24        | 51.7      | 2.2       | 1973.7    | 0.3       | 1311.3    | 421.7     | 120.9     | 4.5       | 0         | 56.5     | 2.4       | 389       | 12        | 21646     | 0.98      | 0.06       | 20.64%    | 3.65       |
| DD013A  | DD013A-109 | 107               | 108             | 4873.2    | 13.1      | 4.2       | 25.5      | 53.6      | 1.7       | 2157.3    | 0.2       | 1417.5    | 469.6     | 123.5     | 4.1       | 0         | 43.5     | 1.8       | 268       | 11        | 27543     | 1.08      | 0.04       | 20.48%    | 4.64       |
| DD013A  | DD013A-111 | 108               | 109             | 4528.7    | 9.3       | 3.1       | 24.3      | 51.2      | 1.1       | 2288.3    | 0.2       | 1350.2    | 446.6     | 121.7     | 3.4       | 0         | 30       | 1.7       | 422       | 45        | 20608     | 1.04      | 0.06       | 20.22%    | 3.47       |
| DD013A  | DD013A-112 | 109               | 110             | 2111.9    | 12.6      | 4.8       | 13.4      | 28.8      | 2.1       | 1172.6    | 0.3       | 635.8     | 201       | 65.2      | 2.9       | 0.5       | 58.4     | 2.5       | 723       | 108       | 10879     | 0.51      | 0.10       | 19.33%    | 1.83       |
| DD013A  | DD013A-113 | 110               | 111             | 3832      | 16.7      | 5.4       | 25.1      | 51.2      | 2.2       | 1921.8    | 0.3       | 1191.7    | 382.8     | 116       | 4.3       | 0.5       | 58.6     | 2.3       | 338       | 45        | 15166     | 0.89      | 0.05       | 20.62%    | 2.56       |
| DD013A  | DD013A-114 | 111               | 112             | 3140.5    | 18.3      | 5.7       | 28.3      | 56.6      | 2.7       | 999.1     | 0.3       | 1426.1    | 401       | 142       | 4.9       | 0.5       | 68.3     | 2.5       | 342       | 23        | 19401     | 0.74      | 0.05       | 28.93%    | 3.27       |
| DD013A  | DD013A-115 | 112               | 113             | 6811      | 38.7      | 21.6      | 13.5      | 37.2      | 7.7       | 403.8     | 2.3       | 246.3     | 70        | 41.1      | 6.1       | 3.1       | 217.6    | 17.9      | 724       | 29        | 10229     | 0.21      | 0.10       | 17.30%    | 1.72       |
| DD013A  | DD013A-116 | 113               | 114             | 402.4     | 39.6      | 17.6      | 11.9      | 34.5      | 7.5       | 201.7     | 1.5       | 186.2     | 46.4      | 34.1      | 6.1       | 2         | 196.1    | 11.7      | 521       | 25        | 5772      | 0.24      | 0.07       | 19.12%    | 0.97       |
| DD013A  | DD013A-117 | 114               | 115             | 2658.7    | 17.1      | 4.6       | 21.8      | 46.7      | 2.3       | 1061.8    | 0.3       | 981.4     | 295.8     | 97.2      | 4.5       | 0         | 60.7     | 2.6       | 494       | 71        | 16638     | 0.62      | 0.07       | 24.22%    | 2.80       |
| DD013A  | DD013A-118 | 115               | 116             | 3197.9    | 12.1      | 3.4       | 23.1      | 47.1      | 1.5       | 1565.2    | 0.2       | 1089.8    | 334.6     | 104.1     | 3.9       | 0         | 36.7     | 2         | 274       | 124       | 18713     | 0.75      | 0.04       | 22.12%    | 3.15       |
| DD013A  | DD013A-120 | 116               | 117             | 4205.5    | 12.1      | 3.9       | 32.6      | 63.6      | 1.5       | 2384.1    | 0.3       | 1391.9    | 426.7     | 142       | 4.4       | 0         | 38.2     | 2.7       | 677       | 97        | 20788     | 1.02      | 0.10       | 20.82%    | 3.50       |
| DD013A  | DD013A-121 | 117               | 118             | 4160.8    | 7.1       | 1.9       | 26.4      | 56.5      | 0.6       | 2824.5    | 0.2       | 1122.8    | 369.3     | 114.4     | 3.5       | 0         | 15.3     | 1.2       | 614       | 45        | 18544     | 1.02      | 0.09       | 17.09%    | 3.12       |
| DD013A  | DD013A-122 | 118               | 119             | 2854.5    | 9.8       | 3.7       | 26.5      | 51.8      | 1.3       | 1326.5    | 0.3       | 1094.5    | 309.8     | 122.3     | 3.5       | 0         | 36.8     | 2.8       | 511       | 46        | 19497     | 0.69      | 0.07       | 23.92%    | 3.29       |
| DD013A  | DD013A-123 | 119               | 120             | 3309.9    | 41.1      | 14.4      | 40        | 91.2      | 6.1       | 1580.2    | 1.5       | 1488.6    | 359.7     | 154.5     | 9.8       | 1.7       | 157.8    | 12.1      | 995       | 148       | 22673     | 0.82      | 0.14       | 22.79%    | 3.82       |
| DD013A  | DD013A-124 | 120               | 121             | 2399.7    | 27.7      | 8.6       | 33.1      | 66.8      | 4         | 1092.8    | 0.8       | 1038.2    | 274.7     | 134.7     | 6.6       | 1.1       | 107.7    | 6.4       | 402       | 39        | 13197     | 0.61      | 0.06       | 25.14%    | 2.22       |
| DD013A  | DD013A-125 | 121               | 122             | 2960.4    | 25.8      | 8.5       | 34.8      | 72        | 3.6       | 1303      | 0.9       | 1249.5    | 339.1     | 151.6     | 6.7       | 1.1       | 95.9     | 6.9       | 1954      | 15        | 22313     | 0.73      | 0.28       | 25.29%    | 3.76       |
| DD013A  | DD013A-126 | 122               | 123             | 3430.5    | 56.8      | 18.9      | 52        | 115.5     | 8.3       | 1807.5    | 1.7       | 1359.1    | 372.5     | 193.8     | 13.1      | 2.3       | 212.8    | 13.5      | 1696      | 4         | 17422     | 0.87      | 0.24       | 23.12%    | 2.94       |
| DD013A  | DD013A-127 | 123               | 124             | 2826.2    | 41.9      | 13.9      | 37.5      | 84.5      | 6.3       | 1367.7    | 1.2       | 1104.6    | 300.9     | 146.3     | 9.6       | 1.6       | 161.7    | 9.7       | 1839      | 13        | 19317     | 0.72      | 0.26       | 22.89%    | 3.25       |
| DD013A  | DD013A-128 | 124               | 125             | 3025.3    | 30.2      | 11.3      | 33.3      | 68        | 4.7       | 1475.9    | 0.9       | 1152.1    | 323.8     | 139.8     | 6.9       | 1.5       | 125.4    | 7.4       | 3803      | 5         | 21466     | 0.75      | 0.44       | 22.95%    | 3.62       |
| DD013A  | DD013A-129 | 125               | 126             | 2945.5    | 41.2      | 15        | 37.8      | 83.9      | 6.4       | 1407.1    | 1.3       | 1150.9    | 319.4     | 150.6     | 9.1       | 1.9       | 171.8    | 10.3      | 3068      | 4         | 15505     | 0.74      | 0.54       | 23.05%    | 2.61       |
| DD013A  | DD013A-130 | 126               | 127             | 3351.1    | 52.9      | 19.7      | 46.1      | 97.4      | 8.6       | 1571.7    | 1.8       | 1320.8    | 364.7     | 173       | 11.3      | 2.6       | 222.6    | 14        | 2047      | 7         | 20714     | 0.85      | 0.29       | 23.12%    | 3.49       |
| DD013A  | DD013A-131 | 127               | 128             | 4115.7    | 71.9      | 27.2      | 57.6      | 132.6     | 11.6      | 2106.1    | 2.2       | 1536      | 435.6     | 216.3     | 15.4      | 3.2       | 302.8    | 17.6      | 684       | 2         | 23763     | 1.06      | 0.10       | 21.68%    | 4.00       |
| DD013A  | DD013A-133 | 128               | 129             | 2541.7    | 31        | 12.7      | 27.4      | 58.7      | 5.3       | 1220.6    | 1.1       | 967.4     | 269.8     | 115.6     | 6.5       | 1.5       | 136.3    | 9         | 1513      | 2         | 20524     | 0.63      | 0.22       | 22.79%    | 3.46       |
| DD013A  | DD013A-134 | 129               | 130             | 2706      | 46.8      | 18.9      | 35.5      | 77.6      | 7.8       | 1288.9    | 1.6       | 1034.7    | 287.3     | 135.1     | 9.8       | 2.3       | 210.4    | 12.3      | 1480      | 3         | 24895     | 0.69      | 0.21       | 22.39%    | 4.16       |
| DD013A  | DD013A-135 | 130               | 131             | 2584.4    | 59.9      | 22.9      | 39.1      | 92.5      | 9.8       | 1299.7    | 1.9       | 974.3     | 275.2     | 142.8     | 11.4      | 2.8       | 260.9    | 15.4      | 886       | 15        | 18809     | 0.68      | 0.13       | 21.45%    | 3.17       |
| DD013A  | DD013A-136 | 131               | 132             | 2201.6    | 46.1      | 17.5      | 29.8      | 71.3      | 7.7       | 1069.9    | 1.7       | 825.2     | 321       | 109.7     | 9         | 2.1       | 202.9    | 13.2      | 1106      | 23        | 14732     | 0.57      | 0.16       | 21.71%    | 2.48       |
| DD013A  | DD013A-137 | 132               | 133             | 1516.8    | 68.4      | 29.6      | 30.4      | 78.2      | 12        | 749.9     | 3.1       | 650.8     | 171.4     | 101       | 12.1      | 4         | 338.5    | 24.8      | 882       | 29        | 10932     | 0.45      | 0.13       | 21.50%    | 1.84       |
| DD013A  | DD013A-138 | 133               | 134             | 3776.7    | 78.6      | 29        | 53.3      | 126.5     | 12.4      | 1803.8    | 2.4       | 1456.5    | 406.2     | 203.9     | 15.9      | 3.6       | 342.4    | 18.8      | 366       | 13        | 16056     | 0.98      | 0.05       | 22.24%    | 2.71       |
| DD013A  | DD013A-139 | 134               | 135             | 2434.4    | 39.3      | 26.4      | 39.2      | 91.9      | 11.3      | 1352.6    | 2.3       | 938.2     | 257.6     | 132.6     | 12.5      | 3.3       | 311.2    | 18.1      | 524       | 13        | 10016     | 0.64      | 0.07       | 21.67%    | 1.69       |
| DD013A  | DD013A-140 | 135               | 136             | 3349.6    | 88.6      | 34        | 51.5      | 125.1     | 14.7      | 1609.9    | 2.9       | 1277.9    | 360       | 178.9     | 17.4      | 4         | 384      | 22.7      | 336       | 13        | 18703     | 0.88      | 0.05       | 21.65%    | 3.15       |
| DD013A  | DD013A-141 | 136               | 137             | 2456.7    | 45.3      | 15.2      | 33        | 74.2      | 6.5       | 1165.3    | 1.5       | 945.9     | 261.5     | 126.9     | 9         | 2.2       | 171.6    | 12.2      | 1119      | 1         | 19984     | 0.62      | 0.18       | 22.57%    | 3.37       |
| DD013A  | DD013A-142 | 137               | 138             | 1606.2    | 34.1      | 12.2      | 26.4      | 60.1      | 5.4       | 821.8     | 1.4       | 614.1     | 172.8     | 87.1      | 7.5       | 1.6       | 137.5    | 10.8      | 2007      | 12        | 9785      | 0.42      | 0.29       | 21.75%    | 1.65       |
| DD013A  | DD013A-143 | 138               | 139             | 1365.7    | 18        | 6.9       | 19.5      | 39.3      | 2.7       | 660.5     | 0.7       | 565.4     | 153.2     | 77        | 3.8       | 1         | 75.3     | 5.8       | 1644      | 2         | 15410     | 0.35      | 0.24       | 23.90%    | 2.60       |
| DD013A  | DD013A-144 | 139               | 14              |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD013A  | DD013A-191 | 179               | 180             | 2963.3    | 66.1      | 25.8      | 48.6      | 116.1     | 10.5      | 1407.6    | 2.4       | 1170.3    | 325.1     | 171.5     | 13.8      | 3.2       | 285.7    | 19.1      | 257       | 4         | 25817     | 0.78      | 0.04       | 22.44%    | 4.35       |
| DD013A  | DD013A-192 | 180               | 181             | 3183.5    | 41.3      | 15.2      | 35.3      | 77.9      | 6.5       | 1624      | 1.6       | 1193      | 326.2     | 138.5     | 9         | 2.1       | 175.9    | 13        | 641       | 12        | 23700     | 0.80      | 0.09       | 22.10%    | 3.99       |
| DD013A  | DD013A-193 | 181               | 182.6           | 3780      | 28.7      | 11.5      | 33.7      | 72        | 4.5       | 2202.3    | 1.2       | 1203.4    | 361.9     | 141       | 6.8       | 1.5       | 123.9    | 9.6       | 1318      | 2         | 18809     | 0.94      | 0.19       | 19.54%    | 3.17       |
| DD013A  | DD013A-194 | 182.6             | 183             | 1002.6    | 48        | 14.8      | 28.7      | 76.5      | 6.9       | 512.1     | 1.4       | 430.1     | 110.9     | 88.6      | 10.6      | 1.8       | 183.2    | 11        | 717       | 8         | 4408      | 0.30      | 0.10       | 21.25%    | 0.74       |
| DD013A  | DD013A-195 | 183               | 184             | 462.4     | 53.3      | 15.7      | 24.4      | 73        | 7.5       | 234.4     | 1.5       | 229.4     | 54.5      | 64        | 10.7      | 1.9       | 204.5    | 12.2      | 585       | 22        | 3083      | 0.17      | 0.08       | 19.36%    | 0.52       |
| DD013A  | DD013A-196 | 184               | 185             | 1290.7    | 48.6      | 16.6      | 29        | 75.4      | 7.7       | 663.9     | 1.5       | 519.9     | 142.4     | 89.8      | 10.2      | 1.9       | 200      | 12        | 891       | 29        | 4985      | 0.37      | 0.13       | 21.15%    | 0.84       |
| DD013A  | DD013A-197 | 185               | 186             | 2464.4    | 33.7      | 13.6      | 27.2      | 59.5      | 5.5       | 1203      | 1.3       | 920.5     | 258.4     | 110.6     | 7.3       | 1.8       | 147.7    | 10        | 1173      | 2         | 5569      | 0.62      | 0.17       | 22.29%    | 0.94       |
| DD013A  | DD013A-198 | 186               | 187             | 2838.4    | 61.9      | 23.3      | 38.8      | 94.4      | 9.8       | 1389.8    | 1.9       | 1070.5    | 298       | 146.1     | 12.4      | 2.8       | 257      | 15.1      | 441       | 2         | 16850     | 0.73      | 0.06       | 21.74%    | 2.84       |
| DD013A  | DD013A-200 | 187               | 188             | 2588.4    | 49.1      | 18.4      | 35.8      | 79.4      | 8.1       | 1265      | 1.5       | 975.5     | 273.8     | 133.5     | 9.9       | 2.2       | 206.5    | 12        | 543       | 2         | 17326     | 0.66      | 0.08       | 21.97%    | 2.92       |
| DD013A  | DD013A-201 | 188               | 189             | 2583.3    | 50.9      | 18.9      | 36.7      | 82.7      | 7.9       | 1263.4    | 1.7       | 977.7     | 271.3     | 135.2     | 10.3      | 2.3       | 215.6    | 13.5      | 1379      | 3         | 11567     | 0.67      | 0.20       | 21.91%    | 1.95       |
| DD013A  | DD013A-202 | 189               | 190             | 1802.9    | 25.7      | 10.2      | 21.1      | 45.9      | 4.2       | 875.2     | 0.8       | 663.4     | 185.1     | 85.2      | 5.1       | 1.3       | 113.4    | 6.7       | 1995      | 8         | 10582     | 0.45      | 0.29       | 21.96%    | 1.78       |
| DD013A  | DD013A-203 | 190               | 191             | 1811.8    | 43.1      | 17.7      | 27.6      | 64.2      | 7.3       | 907.3     | 1.5       | 669.4     | 186.3     | 95        | 8.4       | 2.2       | 197.5    | 11.9      | 981       | 28        | 12138     | 0.48      | 0.14       | 21.00%    | 2.05       |
| DD013A  | DD013A-204 | 191               | 192             | 1559.7    | 40.7      | 16        | 25.6      | 60.7      | 6.9       | 781.8     | 1.3       | 604.3     | 164.6     | 90.1      | 8         | 2         | 180.7    | 10.2      | 1174      | 74        | 16056     | 0.42      | 0.17       | 21.51%    | 2.71       |
| DD013A  | DD013A-205 | 192               | 193             | 2423.1    | 55.9      | 23.6      | 34.8      | 80.2      | 10        | 1222      | 1.9       | 887.6     | 246.4     | 123.8     | 10.6      | 2.7       | 263.8    | 14.6      | 1646      | 324       | 27946     | 0.63      | 0.24       | 20.87%    | 4.71       |
| DD013A  | DD013A-206 | 193               | 194             | 2301.8    | 44.3      | 18.6      | 29.9      | 67.5      | 7.9       | 1160.5    | 1.6       | 811.3     | 333       | 109.9     | 8.9       | 2.3       | 205.9    | 12.7      | 1226      | 328       | 15431     | 0.59      | 0.18       | 20.71%    | 3.80       |
| DD013A  | DD013A-207 | 194               | 195             | 3028.4    | 66.2      | 28        | 43.8      | 103.4     | 11.7      | 1534.1    | 2.2       | 1103.1    | 308.5     | 157.2     | 13.2      | 3.2       | 313.7    | 17.5      | 807       | 1215      | 23022     | 0.79      | 0.12       | 20.84%    | 2.66       |
| DD013A  | DD013A-208 | 195               | 196             | 642.8     | 13.3      | 5.8       | 9.4       | 21.4      | 2.8       | 356.4     | 0.5       | 233.9     | 65.9      | 32.5      | 2.9       | 1.3       | 58.8     | 3.8       | 229       | 64        | 3422      | 0.17      | 0.03       | 20.54%    | 0.58       |
| DD013A  | DD013A-209 | 196               | 197             | 3060      | 51.4      | 19.7      | 38.5      | 87.6      | 8.7       | 1725.5    | 1.5       | 1097.1    | 312.8     | 143.7     | 10.7      | 2.8       | 216.3    | 12.6      | 97        | 113       | 23989     | 0.80      | 0.01       | 20.67%    | 4.04       |
| DD013A  | DD013A-210 | 197               | 198             | 3431.1    | 43        | 16.5      | 39.1      | 83.1      | 7.2       | 1908.1    | 1.4       | 1157.3    | 342.9     | 149.6     | 9.3       | 2.3       | 183.2    | 11.6      | 213       | 59        | 26080     | 0.87      | 0.03       | 20.08%    | 4.39       |
| DD013A  | DD013A-211 | 198               | 199             | 2342.1    | 29.3      | 10.5      | 25.7      | 54        | 4.7       | 1360.1    | 0.9       | 793.3     | 233.7     | 97.4      | 6.2       | 1.4       | 123.7    | 7.8       | 279       | 38        | 18921     | 0.59      | 0.10       | 20.29%    | 3.19       |
| DD013A  | DD013A-213 | 199               | 200             | 2310.5    | 29.4      | 11.5      | 25.5      | 57        | 4.8       | 1386.5    | 1.1       | 757.4     | 226       | 93.1      | 6.6       | 1.5       | 128      | 9         | 2412      | 111       | 14183     | 0.59      | 0.35       | 19.40%    | 2.39       |
| DD013A  | DD013A-214 | 200               | 201             | 2345.6    | 42.4      | 17        | 31.1      | 73.5      | 7.4       | 1379.2    | 1.3       | 793.4     | 232.1     | 110.1     | 8.8       | 2.2       | 194.2    | 10.9      | 982       | 158       | 20250     | 0.62      | 0.14       | 19.43%    | 3.41       |
| DD013A  | DD013A-215 | 201               | 202             | 1973.8    | 42.3      | 17.5      | 28.8      | 68.4      | 7.4       | 1227      | 1.4       | 650.4     | 188.8     | 96        | 8.2       | 2.4       | 200.9    | 11.8      | 1024      | 145       | 5165      | 0.53      | 0.15       | 18.44%    | 0.87       |
| DD013A  | DD013A-216 | 202               | 203             | 1265.2    | 5.4       | 2.3       | 8.6       | 14.9      | 0.9       | 784.2     | 0.3       | 379.2     | 116.5     | 43.4      | 1.1       | 0         | 26.4     | 2.3       | 1816      | 69        | 7780      | 0.31      | 0.26       | 18.64%    | 1.31       |
| DD013A  | DD013A-217 | 203               | 204             | 1899.8    | 15.7      | 5.6       | 19.2      | 36.2      | 2.6       | 1170.3    | 0.5       | 598.7     | 180.2     | 74.8      | 3.5       | 0.8       | 65.9     | 4.4       | 1494      | 82        | 11629     | 0.48      | 0.21       | 19.03%    | 1.96       |
| DD013A  | DD013A-218 | 204               | 205             | 3036      | 53.9      | 20.8      | 39.7      | 94.3      | 9.1       | 1806.4    | 1.7       | 1025.5    | 303.4     | 143.3     | 11.2      | 2.8       | 243.4    | 14.4      | 1051      | 74        | 23948     | 0.80      | 0.15       | 19.43%    | 4.03       |
| DD013A  | DD013A-219 | 205               | 206             | 2398.5    | 44.7      | 17.4      | 32.4      | 77.8      | 7.5       | 1464.2    | 1.6       | 801.5     | 235.2     | 116.2     | 9.4       | 2.3       | 201.5    | 13.8      | 1258      | 88        | 15471     | 0.64      | 0.18       | 19.01%    | 4.61       |
| DD013A  | DD013A-220 | 206               | 207             | 2811.9    | 57.7      | 21.1      | 40.3      | 96.9      | 9.3       | 1748.4    | 1.7       | 936       | 274.5     | 137.2     | 11.9      | 2.8       | 251.3    | 14.7      | 1125      | 101       | 19941     | 0.75      | 0.16       | 18.77%    | 3.36       |
| DD013A  | DD013A-221 | 207               | 208             | 2868.7    | 20.7      | 7.4       | 24.9      | 48.1      | 3.3       | 1670.4    | 0.6       | 958.9     | 287.6     | 110       | 4.6       | 0.9       | 89.9     | 5.3       | 943       | 50        | 16501     | 0.71      | 0.13       | 20.35%    | 2.78       |
| DD013A  | DD013A-222 | 208               | 209             | 2977.6    | 12.7      | 4.3       | 19.3      | 34.1      | 1.8       | 1885.8    | 0.4       | 927.4     | 280.9     | 90.4      | 3         | 0.7       | 47.9     | 3.4       | 2628      | 119       | 8553      | 0.74      | 0.18       | 19.15%    | 1.44       |
| DD013A  | DD013A-223 | 209               | 210             | 3298      | 27.2      | 10        | 30.5      | 62.7      | 4.3       | 2027      | 0.9       | 1051.8    | 316.7     | 122.2     | 6.3       | 1.3       | 116.5    | 8         | 1321      | 37        | 15996     | 0.83      | 0.19       | 19.25%    | 2.70       |
| DD013A  | DD013A-224 | 210               | 211             | 5796.7    | 55.3      | 19.3      | 36.5      | 119       | 8.5       | 3808.3    | 1.5       | 1827.4    | 556.2     | 223.4     | 12.5      | 2.4       | 227.1    | 13        | 1522      | 22        | 28789     | 1.49      | 0.22       | 18.65%    | 4.85       |
| DD013A  | DD013A-225 | 211               | 212             | 3931      | 63.1      | 23.9      | 53.9      | 119.9     | 10.3      | 2162      | 1.9       | 1497.9    | 416.5     | 199.1     | 13.2      | 3         | 281.9    | 16.2      | 2477      | 3         | 18931     | 1.03      | 0.35       | 21.67%    | 3.19       |
| DD013A  | DD013A-226 | 212               | 213             | 3394.6    | 63.2      | 25.2      | 50.3      | 113.7     | 10.6      | 1785.8    | 2         | 1329.5    | 396.9     | 187.7     | 12.9      | 3.2       | 283.8    | 16.8      | 686       | 2         | 19034     | 0.90      | 0.10       | 20.26%    | 3.21       |
| DD013A  | DD013A-228 | 213               | 214             | 3329.6    | 69.1      | 26.1      | 51.8      | 119       | 11.3      | 1759      | 2         | 1337.4    | 363.6     | 189.5     | 13.9      | 3.3       | 307.7    | 16.9      | 1861      | 1         | 16089     | 0.89      | 0.27       | 22.26%    | 2.71       |
| DD013A  | DD013A-229 | 214               | 215             | 2979.3    | 56.5      | 22        | 43.7      | 100.6     | 9.7       | 1806.4    | 1.7       | 1160      | 319.6     | 161       | 11.6      | 2.7       | 260      | 14        | 1381      | <1        | 14914     | 0.79      | 0.20       | 21.81%    | 2.51       |
| DD013A  | DD013A-231 | 215               | 216             | 8080.4    | 50.1      | 17        | 56.8      | 117.8     | 7.7       | 6134.9    | 1.2       | 2087.2    | 685.9     | 228.1     | 11.9      | 2.1       | 204.9    | 10.3      | 752       | <1        | 41519     | 2.07      | 0.11       | 15.61%    | 7.00       |
| DD013A  | DD013A-232 | 216               | 217             | 11654     | 36.1      | 12.1      | 64.5      | 120.5     | 5.3       | 9819.1    | 0.9       | 2743.5    | 952.9     | 275       | 10        | 1.4       | 142.2    | 7.6       | 1127      | <1        | 54786     | 3.03      | 0.16       | 14.25%    | 9.23       |
| DD013A  | DD013A-233 | 217               | 218             | 6926.7    | 51.7      | 19.3      | 48.8      | 107.1     | 8.2       | 5163.7    | 1.5       | 1730.6    | 574.7     | 187.6     | 11.5      | 2.5       | 219.4    | 12.8      | 3916      | 3         | 32291     | 1.77      | 0.56       | 15.24%    | 5.44       |
| DD013A  | DD013A-234 | 218               | 219             | 3285.7    | 69.7      | 26.8      | 49.8      | 118       | 11.5      | 1728.1    | 2         | 1288.3    | 353.5     | 184.3     | 14.2      | 3.4       | 318.8    | 17.2      | 2855      | 4         | 16418     | 0.88      | 0.41       | 21.85%    | 2.77       |
| DD013A  | DD013A-235 | 219               | 220             | 3776.2    | 54.3      | 20.4      | 45.2      | 99        | 8.7       | 1990.9    | 1.6       | 1424.9    | 402.4     | 172.7     | 11        | 2.7       | 237.4    | 13.9      | 2775      | <1        | 19220     | 0.87      | 0.40       | 20.02%    | 3.24       |
| DD013A  | DD013A-236 | 220               | 221             | 4165.4    | 68.8      | 26        | 56.2      | 124.8     | 11.7      | 2139.2    | 2.2       | 1673.8    | 461.6     | 219.1     | 13.9      | 3.4       | 299.7    | 18.5      | 1987      | <1        | 22155     | 1.09      | 0.28       | 22.89%    | 3.73       |
| DD013A  | DD013A-237 | 221               | 222             | 3868.3    | 57.9      | 22.8      | 48.4      | 107.7     | 10.1      | 1973.5    | 1.9       | 1499.1    | 420.4     | 187.4     | 11.9      | 3.1       | 266.5    | 16        | 2836      | <1        | 21167     | 1.00      | 0.42       | 22.49%    | 3.57       |
| DD013A  | DD013A-238 | 222               | 223             | 4081.2    | 59.7      | 24.4      | 50.7      | 110.6     | 10.2      | 2086.9    | 1.9       | 1604      | 463.3     | 203.2     | 12.2      | 3.1       | 275.7    | 16.4      | 2205      | <1        | 23051     | 1.05      | 0.32       | 22.71%    | 3.88       |
| DD013A  | DD013A-240 | 223               | 224             | 3371.8    | 50        | 20.1      | 40.9      | 87.4      | 8.4       | 1769.7    | 1.7       | 1275.3    | 359.5     | 159.6     | 10.2      | 2.6       | 231.1    | 14.6      | 3624      | <1        | 18870     | 0.87      | 0.52       | 21.98%    | 3.18       |
| DD013A  | DD013A-241 | 224               | 225             | 3803.9    | 45.7      | 17.4      | 41.7      | 91.8      | 7.7       | 2120.3    | 1.4       | 1349.8    | 391.4     | 163.6     | 9.7       | 2.3       | 201.2    | 12.3      | 3876      | <1        | 19755     | 0.97      | 0.55       | 20.99%    | 3.33       |
| DD013A  | DD013A-242 | 225               | 226             | 4681.6    | 47.9      | 17.2      | 48.4      | 100       | 7.7       | 2827.1    | 1.5       | 1521.8    | 456       | 182.3     | 10.4      | 2.3       | 198.5    | 12.6      | 2526      | <1        | 26337     | 1.19      | 0.36       | 19.47%    | 4.44       |
| DD013A  | DD013A-243 | 226               | 227             | 4033.2    | 14.7      | 4.2       | 21.6      | 42.9      | 1.9       | 3243.5    | 0.4       | 967.7     | 332.1     | 93.4      | 3.6       | 0.5       | 47.1     | 3.2       | 2610      | <1        | 23443     | 1.03      | 0.37       | 14.70%    | 3.95       |
| DD013A  | DD013A-244 | 227               | 228             | 7264.7    | 60.3      | 19.9      | 60.5      | 129.9     | 9.2       | 5308.8    | 1.7       | 2028.8    | 646.3     | 233.8     | 13.7      | 2.5       | 233.5    | 14        | 1118      | <1        | 37461     | 1.88      | 0.16       | 16.63%    | 6.31       |
| DD013A  | DD013A-245 | 228               | 229             | 4307.6    |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From (m) | Depth_To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD013A  | DD013A-291 | 270            | 271          | 2144.8 | 23.2   | 8.1    | 29.3   | 59.1   | 3.5    | 1004   | 0.9    | 915    | 241.3  | 119.7  | 5.7    | 1.1    | 94.6  | 7.4    | 468    | 3      | 14585  | 0.55   | 0.07    | 24.73% | 2.46    |
| DD013A  | DD013A-293 | 271            | 272          | 1969.1 | 42.4   | 17.9   | 31.2   | 70.5   | 7.1    | 923.9  | 1.6    | 831.4  | 220.1  | 116.8  | 8.3    | 2.5    | 198   | 13.7   | 554    | 4      | 14472  | 0.52   | 0.08    | 23.48% | 2.44    |
| DD013A  | DD013A-294 | 272            | 273          | 2005.5 | 49     | 21.3   | 31.1   | 73.2   | 8.9    | 937.7  | 1.8    | 834.2  | 225.1  | 115.3  | 9      | 2.9    | 243.5 | 15.6   | 763    | 11     | 12865  | 0.54   | 0.11    | 23.02% | 2.17    |
| DD013A  | DD013A-295 | 273            | 274.05       | 2020.5 | 61.2   | 29.3   | 34.6   | 83.5   | 11.8   | 953.5  | 2.2    | 855.8  | 228.2  | 122.4  | 11.1   | 3.6    | 324.9 | 18.5   | 3889   | 9      | 14070  | 0.56   | 0.56    | 22.60% | 2.37    |
| DD013A  | DD013A-296 | 274.05         | 275.05       | 107.1  | 6.5    | 3.2    | 3.2    | 8.3    | 1.3    | 47.2   | 0.3    | 52.9   | 12.8   | 9.7    | 1.3    | 0      | 33.6  | 2.9    | 79     | 2      | 861    | 0.03   | 0.01    | 22.40% | 0.15    |
| DD013A  | DD013A-297 | 275.05         | 276          | 2173.3 | 44.7   | 19.2   | 34.5   | 78     | 8.1    | 1014.5 | 1.4    | 906.8  | 242.5  | 130.8  | 8.8    | 2.4    | 205.2 | 12.2   | 175    | 1      | 16913  | 0.57   | 0.03    | 23.41% | 2.85    |
| DD013A  | DD013A-298 | 276            | 277          | 2210.3 | 61.2   | 30.5   | 35.7   | 87.9   | 11.7   | 1064.8 | 2.7    | 920.7  | 250.1  | 129.7  | 10.9   | 4.2    | 316.5 | 23     | 885    | <1     | 18159  | 0.61   | 0.13    | 22.54% | 3.06    |
| DD013A  | DD013A-299 | 277            | 278          | 1701.7 | 105.4  | 50.9   | 38.1   | 109.2  | 20.5   | 795.7  | 4.9    | 741.7  | 193.5  | 121.1  | 17.3   | 7      | 541.6 | 41.3   | 293    | 1      | 16315  | 0.53   | 0.04    | 20.60% | 2.75    |
| DD013A  | DD013A-300 | 278            | 279          | 1807.7 | 81.6   | 31.6   | 34.2   | 96.1   | 14.1   | 855.5  | 2.5    | 756.9  | 203.2  | 110.9  | 14.5   | 4.1    | 360.9 | 21.2   | 996    | <1     | 14739  | 0.52   | 0.14    | 21.67% | 2.48    |
| DD013A  | DD013A-301 | 279            | 280          | 1996   | 38     | 14.3   | 37.2   | 81.6   | 6.3    | 948.5  | 1      | 924.2  | 233.3  | 137.9  | 8.6    | 1.7    | 166   | 8.2    | 309    | 1      | 17376  | 0.54   | 0.04    | 25.03% | 2.93    |
| DD013A  | DD013A-302 | 280            | 281          | 3535.9 | 78.8   | 34.6   | 53.3   | 123.7  | 14.4   | 1702.2 | 2.7    | 1460.6 | 400.9  | 196.8  | 14.8   | 4.6    | 390.7 | 23.3   | 2228   | <1     | 22197  | 0.94   | 0.32    | 23.03% | 3.74    |
| DD013A  | DD013A-303 | 281            | 282          | 4606   | 68.2   | 28.2   | 46.3   | 110.2  | 12     | 3008.9 | 2.1    | 1408.4 | 440.4  | 175.3  | 13.2   | 3.5    | 309.8 | 17.5   | 1221   | <1     | 22670  | 1.20   | 0.17    | 17.95% | 3.82    |
| DD013A  | DD013A-304 | 282            | 283          | 4127.2 | 72.5   | 30     | 53.7   | 121.5  | 12.8   | 2233.4 | 2.3    | 1539.8 | 439    | 206.3  | 14.2   | 3.8    | 333.1 | 19.4   | 1454   | <1     | 20796  | 1.08   | 0.21    | 21.38% | 3.50    |
| DD013A  | DD013A-305 | 283            | 284          | 3992.9 | 49.9   | 20.1   | 43.5   | 95.8   | 8.7    | 2345.9 | 1.6    | 1353.6 | 403.1  | 172.3  | 10.6   | 2.6    | 225.9 | 13.9   | 2160   | <1     | 21208  | 1.02   | 0.31    | 20.01% | 3.57    |
| DD013A  | DD013A-307 | 284            | 285          | 4493.3 | 74.9   | 29.5   | 55.5   | 125.7  | 12.6   | 2416.1 | 2.2    | 1659.8 | 477.5  | 212.3  | 15.2   | 3.6    | 327.2 | 19     | 1395   | <1     | 21517  | 1.16   | 0.20    | 21.43% | 3.63    |
| DD013A  | DD013A-308 | 285            | 286          | 9066.2 | 34.9   | 7.9    | 50.7   | 102.8  | 4.3    | 6903   | 0.6    | 2115.5 | 748.9  | 201    | 9.8    | 0.9    | 98.6  | 4.9    | 1617   | <1     | 36472  | 2.27   | 0.23    | 14.75% | 6.15    |
| DD013A  | DD013A-309 | 286            | 287          | 9526.9 | 68.2   | 20.1   | 69.7   | 156.6  | 9.9    | 6519.4 | 1.3    | 2485.2 | 834.4  | 279.7  | 16.7   | 2.4    | 241.3 | 11.4   | 675    | 1      | 37925  | 2.37   | 0.10    | 16.34% | 6.39    |
| DD013A  | DD013A-311 | 287            | 288          | 3966.6 | 62.7   | 24.3   | 58.5   | 126.3  | 10.3   | 1950.9 | 1.6    | 1649   | 486.8  | 222.7  | 13.7   | 2.7    | 266.7 | 13.4   | 612    | 4      | 23515  | 1.03   | 0.09    | 23.67% | 3.96    |
| DD013A  | DD013A-312 | 288            | 289          | 4611.4 | 55.1   | 19     | 55.8   | 121.7  | 8.7    | 2589.7 | 1.3    | 1668.7 | 481.9  | 215.9  | 12.7   | 2.3    | 221.1 | 11.1   | 660    | 5      | 29746  | 1.18   | 0.09    | 21.26% | 5.01    |
| DD013A  | DD013A-313 | 289            | 290          | 5846.9 | 56.4   | 20.3   | 54.9   | 121.1  | 9.1    | 3786.1 | 1.5    | 1785.7 | 559.1  | 215.9  | 12.9   | 2.4    | 232.1 | 12.6   | 1129   | 77     | 25822  | 1.49   | 0.18    | 18.36% | 4.35    |
| DD013A  | DD013A-314 | 290            | 291          | 4210.8 | 81.1   | 35.3   | 63.2   | 143.3  | 14.5   | 2038.3 | 2.6    | 1714.3 | 474    | 233.3  | 16.4   | 4.3    | 380.2 | 22.3   | 857    | 5      | 25204  | 1.11   | 0.12    | 23.07% | 4.25    |
| DD013A  | DD013A-315 | 291            | 292          | 4687.5 | 86.7   | 37.3   | 66.9   | 150.6  | 15.5   | 2408.7 | 2.9    | 1851.1 | 513.9  | 254    | 17.1   | 4.7    | 409.7 | 24.3   | 820    | <1     | 25317  | 1.29   | 0.12    | 22.34% | 4.27    |
| DD013A  | DD013A-316 | 292            | 293          | 4894.1 | 82.7   | 37.4   | 64.5   | 145.3  | 15.4   | 2728.5 | 2.7    | 1822.3 | 523.8  | 245.8  | 16.9   | 4.7    | 406.9 | 22.8   | 1528   | <1     | 25699  | 1.24   | 0.22    | 21.19% | 4.33    |
| DD013A  | DD013A-317 | 293            | 294          | 4227.2 | 86.3   | 38.3   | 65.4   | 150.2  | 15.8   | 2145.5 | 2.6    | 1711.4 | 472    | 237.1  | 17.6   | 4.6    | 421.1 | 21.9   | 694    | 1      | 24854  | 1.13   | 0.10    | 22.58% | 4.19    |
| DD013A  | DD013A-318 | 294            | 295          | 4217.9 | 80.1   | 43.4   | 68.3   | 160.9  | 17.6   | 2111   | 3.1    | 1721.8 | 473.3  | 239    | 19.6   | 5.3    | 465.2 | 26     | 692    | <1     | 18901  | 1.14   | 0.09    | 22.60% | 4.18    |
| DD013A  | DD013A-320 | 295            | 296          | 5383.1 | 62.3   | 26.3   | 57.1   | 126.8  | 10.9   | 3211.7 | 2.2    | 1781.7 | 536.6  | 224.1  | 13.2   | 3.5    | 281.3 | 18.8   | 2063   | 33     | 13761  | 1.38   | 0.30    | 19.68% | 2.32    |
| DD013A  | DD013A-321 | 296            | 297          | 5448.3 | 56.3   | 24.9   | 53.1   | 114    | 10.1   | 3074.7 | 2      | 1780.4 | 551.6  | 216.2  | 11.9   | 3.2    | 254.2 | 17.1   | 2438   | 14     | 20693  | 1.36   | 0.35    | 19.99% | 3.46    |
| DD013A  | DD013A-322 | 297            | 298          | 5072.7 | 53.1   | 23.7   | 50.1   | 103    | 9.5    | 2817.3 | 1.9    | 1654.6 | 518.5  | 200.4  | 10.7   | 3.2    | 250.8 | 15.8   | 1135   | 8      | 22681  | 1.26   | 0.16    | 20.06% | 3.82    |
| DD013A  | DD013A-323 | 298            | 299          | 4606.8 | 75.7   | 35.4   | 54.1   | 125.6  | 14.2   | 2555   | 2.6    | 1602.5 | 476.7  | 205.3  | 14.6   | 4.5    | 371.8 | 22.3   | 1164   | 27     | 19313  | 1.19   | 0.17    | 20.34% | 3.25    |
| DD013A  | DD013A-324 | 299            | 300          | 5409.5 | 80.5   | 35     | 56.9   | 133.4  | 14.5   | 3281.3 | 2.5    | 1744.5 | 536.3  | 215.9  | 16.1   | 4.3    | 378   | 21     | 2022   | 27     | 25665  | 1.40   | 0.29    | 19.01% | 4.31    |
| DD013A  | DD013A-325 | 300            | 301          | 2935.8 | 81.2   | 29.7   | 45.8   | 113.9  | 14.1   | 1450   | 2      | 1162.1 | 323.8  | 165.3  | 14.9   | 3.6    | 355.6 | 17.2   | 3143   | 36     | 13740  | 0.79   | 0.45    | 21.99% | 2.32    |
| DD013A  | DD013A-326 | 301            | 302          | 975.2  | 20.5   | 7.6    | 15.4   | 34.7   | 3.4    | 533.8  | 0.5    | 371.5  | 108.8  | 52.9   | 4.1    | 1      | 90.2  | 4.5    | 995    | 53     | 5595   | 0.26   | 0.14    | 21.48% | 0.94    |
| DD013A  | DD013A-327 | 302            | 303          | 956.4  | 22.8   | 8.8    | 14.4   | 36.2   | 3.8    | 552.2  | 0.6    | 338.2  | 97.9   | 51.1   | 4.3    | 1      | 103   | 5.2    | 816    | 57     | 6102   | 0.26   | 0.12    | 19.74% | 1.03    |
| DD013A  | DD013A-328 | 303            | 304          | 2382.4 | 66.5   | 35.8   | 35     | 88.3   | 13.4   | 1280.5 | 3.1    | 856.1  | 247.7  | 123.4  | 11.3   | 4.9    | 363.4 | 26.2   | 2009   | 91     | 10733  | 0.65   | 0.29    | 19.79% | 1.81    |
| DD013A  | DD013A-329 | 304            | 305          | 3720.8 | 49.4   | 21     | 42.3   | 95.6   | 8.8    | 2080.8 | 1.7    | 1273.6 | 379    | 159.4  | 10.3   | 2.8    | 231.3 | 14     | 1484   | 430    | 37379  | 0.95   | 0.21    | 20.33% | 6.30    |
| DD013A  | DD013A-330 | 305            | 306          | 5102.5 | 25.7   | 8.2    | 42.4   | 82.2   | 3.7    | 2884.6 | 0.6    | 1759.8 | 506    | 175.3  | 7.5    | 1      | 92    | 5.4    | 1153   | 259    | 33949  | 1.25   | 0.16    | 21.11% | 5.72    |
| DD013A  | DD013A-331 | 306            | 307          | 4944.6 | 52.5   | 24.5   | 49.9   | 110.9  | 9.3    | 2709.2 | 2      | 1613.3 | 499.7  | 196.6  | 11     | 3.2    | 249.6 | 17     | 1736   | 26     | 29046  | 1.23   | 0.25    | 20.05% | 4.89    |
| DD013A  | DD013A-333 | 307            | 308          | 5231.3 | 77     | 33.5   | 58.9   | 134.5  | 13.3   | 2902.4 | 2.6    | 1713.9 | 528.8  | 220.6  | 14.5   | 4.4    | 351.7 | 21.8   | 1581   | 34     | 34299  | 1.33   | 0.23    | 19.74% | 5.72    |
| DD013A  | DD013A-334 | 308            | 309          | 4438.5 | 27.6   | 10.8   | 35.4   | 72.6   | 4.6    | 2511   | 0.8    | 1383   | 439    | 150.3  | 6.7    | 1.3    | 117.4 | 7      | 1161   | 149    | 31003  | 1.08   | 0.17    | 19.72% | 5.28    |
| DD013A  | DD013A-335 | 309            | 310          | 5285   | 26.7   | 8.1    | 39.9   | 76.8   | 3.7    | 3312.3 | 0.6    | 1561.7 | 505.7  | 167.1  | 7      | 0.9    | 92.6  | 5.1    | 1053   | 51     | 33207  | 1.30   | 0.15    | 18.58% | 5.60    |
| DD013A  | DD013A-336 | 310            | 311          | 4661.3 | 23.3   | 8.1    | 32.4   | 64.7   | 3.6    | 3351.8 | 0.7    | 1213   | 410.1  | 136.7  | 6      | 1      | 90    | 5.9    | 1121   | 54     | 19632  | 1.17   | 0.16    | 16.16% | 3.31    |
| DD013A  | DD013A-337 | 311            | 312          | 3019.4 | 43.1   | 14.3   | 47     | 102.8  | 6.6    | 1957.4 | 1.1    | 968.4  | 291.2  | 184.3  | 10     | 1.8    | 177.1 | 9.2    | 1365   | 219    | 11258  | 0.80   | 0.20    | 18.35% | 1.90    |
| DD013A  | DD013A-338 | 312            | 313          | 1182.6 | 16.9   | 5.1    | 22.1   | 42.2   | 2.7    | 636.6  | 0.4    | 421.7  | 119.4  | 90     | 3.9    | 0.6    | 77.7  | 3.2    | 959    | 350    | 3619   | 0.31   | 0.14    | 20.52% | 0.61    |
| DD013A  | DD013A-339 | 313            | 314          | 2315.3 | 32.1   | 11.2   | 34.8   | 70.8   | 5.1    | 1417.9 | 0.8    | 777.6  | 230.5  | 140.4  | 6.9    | 1.4    | 144.7 | 6.9    | 1285   | 405    | 9371   | 0.61   | 0.18    | 19.31% | 1.58    |
| DD013A  | DD013A-340 | 314            | 315          | 1881.5 | 62     | 20.8   | 36.8   | 95     | 9.9    | 1055.1 | 1.4    | 695.3  | 197.6  | 118.8  | 12     | 2.4    | 257.6 | 11.9   | 812    | 374    | 11186  | 0.52   | 0.12    | 19.90% | 1.88    |
| DD013A  | DD013A-342 | 315            | 316          | 1179.4 | 43.3   | 13.2   | 16.2   | 44.9   | 7.1    | 648.8  | 0.6    | 386.2  | 118.4  | 55.3   | 6.9    | 1.3    | 182.7 | 5.4    | 738    | 62     | 5599   | 0.32   | 0.11    | 18.48% | 0.94    |
| DD013A  | DD013A-343 | 316            | 317          | 1031.3 | 34.4   | 11.3   | 12.4   | 34.4   | 6      | 583.5  | 0.5    | 336    | 102.3  | 44.1   | 5.6    | 1      | 158.5 | 4.5    | 636    | 21     | 2518   | 0.28   | 0.09    | 18.39% | 0.42    |
| DD013A  | DD013A-344 | 317            | 318          | 812.3  | 50.9   | 15.2   | 12.6   | 38.3   | 8.5    | 465.1  | 0.4    | 276.7  | 83.7   | 42.5   | 3.3    | 1.2    | 225.5 | 3.7    | 434    | 71     | 2206   | 0.24   | 0.06    | 17.44% | 0.37    |
| DD013A  | DD013A-345 | 318            | 319          | 935.2  | 48.5   | 13.6   | 15.4   | 47.4   | 8.1    | 530.5  | 0.5    | 315    | 94.8   | 50.7   | 8.2    | 1.1    | 201.1 | 4      | 532    | 68     | 2225   | 0.27   | 0.08    | 17.86% | 0.37    |
| DD013A  | DD013A-347 | 319            | 320          | 1407.2 | 36.7   | 11.5   | 19.3   | 48.7   | 5.9    | 817.   |        |        |        |        |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr<br>% | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| DD013A  | DD013A-393 | 361               | 362             | 2561.4    | 23.5      | 5.8       | 38.8      | 78.3      | 3.1       | 1535      | 0.4       | 1068.6    | 283.3     | 178.8     | 6.2       | 0.7       | 79.4     | 3.4       | 918       | 9         | 17737     | 0.69      | 0.13       | 22.97%    | 2.99       |
| DD013A  | DD013A-394 | 362               | 363             | 9771      | 40.1      | 7.8       | 73.6      | 161.5     | 4.1       | 6468.2    | 0.4       | 2319.9    | 843.6     | 287.4     | 12.9      | 0.7       | 93.8     | 3.7       | 401       | 61        | 40582     | 2.35      | 0.06       | 15.70%    | 6.84       |
| DD013A  | DD013A-395 | 363               | 364             | 2382      | 61.6      | 18.3      | 40.7      | 107.4     | 9.1       | 1486.1    | 1.4       | 844.4     | 239.8     | 142.1     | 12.6      | 2.1       | 237.8    | 12.2      | 870       | 21        | 13740     | 0.66      | 0.12       | 19.26%    | 2.32       |
| DD013A  | DD013A-396 | 364               | 365             | 8748.6    | 41.6      | 8.5       | 70        | 152.7     | 4.9       | 6014.8    | 0.5       | 2091.1    | 749.2     | 266.8     | 13        | 0.9       | 114.9    | 4.4       | 762       | 125       | 37286     | 2.14      | 0.11       | 15.49%    | 6.28       |
| DD013A  | DD013A-397 | 365               | 366             | 3843.1    | 31.7      | 9.2       | 38.4      | 84        | 4.6       | 2385.5    | 0.6       | 1109.3    | 362.7     | 145.8     | 8         | 1.1       | 120.9    | 5.5       | 1049      | 114       | 18365     | 0.95      | 0.15       | 17.99%    | 3.09       |
| DD013A  | DD013A-398 | 366               | 367             | 6246.3    | 35.4      | 8.2       | 44.6      | 102.7     | 4.4       | 4422.3    | 0.6       | 1473.2    | 533.8     | 172.8     | 9.5       | 0.9       | 112      | 4.8       | 1078      | 120       | 29122     | 1.54      | 0.15       | 15.19%    | 4.91       |
| DD013A  | DD013A-400 | 367               | 368             | 2487.4    | 25.3      | 6.2       | 33.4      | 70.9      | 3.3       | 1552.4    | 0.4       | 822.1     | 245.7     | 134.2     | 6.3       | 0.7       | 89.2     | 3.5       | 777       | 123       | 15425     | 0.64      | 0.11       | 19.41%    | 2.60       |
| DD013A  | DD013A-401 | 368               | 369             | 1149.5    | 21.2      | 5.2       | 33.5      | 66.4      | 2.9       | 380.9     | 0.3       | 716       | 165.1     | 147       | 5.5       | 0.6       | 76       | 2.8       | 368       | 67        | 13887     | 0.32      | 0.05       | 31.67%    | 2.34       |
| DD013A  | DD013A-402 | 369               | 370             | 604       | 27.1      | 7.5       | 18.3      | 44.9      | 4.2       | 283.1     | 0.5       | 272.1     | 72.4      | 60.7      | 5.1       | 0.8       | 114.9    | 4.1       | 850       | 165       | 3600      | 0.18      | 0.12       | 22.50%    | 0.61       |
| DD013A  | DD013A-403 | 370               | 371             | 1111.6    | 33.8      | 10.1      | 32.4      | 74.2      | 5.3       | 570.3     | 0.7       | 459.6     | 121.2     | 114.4     | 7.1       | 1.1       | 150      | 5.7       | 1303      | 215       | 6364      | 0.32      | 0.19       | 21.40%    | 1.07       |
| DD013A  | DD013A-404 | 371               | 372             | 1093.9    | 21.4      | 6.1       | 30.1      | 62.2      | 3.1       | 542.2     | 0.4       | 483.2     | 124.8     | 116.2     | 5.2       | 0.7       | 91.6     | 3.7       | 1081      | 204       | 8070      | 0.30      | 0.15       | 23.42%    | 1.36       |
| DD013A  | DD013A-405 | 372               | 373             | 619.1     | 16.4      | 4.7       | 20.2      | 42.7      | 2.3       | 196.1     | 0.4       | 441       | 98.9      | 85.8      | 3.9       | 0.5       | 63.3     | 3         | 354       | 67        | 7700      | 0.19      | 0.05       | 33.64%    | 1.30       |
| DD013A  | DD013A-406 | 373               | 374             | 1018.6    | 18        | 4         | 35        | 66.2      | 2.2       | 229.6     | 0.3       | 783.5     | 172.2     | 153.6     | 5         | 0         | 56.8     | 2.2       | 278       | 24        | 16147     | 0.30      | 0.04       | 37.42%    | 2.72       |
| DD013A  | DD013A-407 | 374               | 375             | 862.2     | 23.9      | 6.8       | 29.2      | 61.8      | 3.5       | 383.8     | 0.5       | 457.9     | 111.5     | 107.1     | 5.7       | 0.7       | 100.5    | 4.5       | 930       | 287       | 7976      | 0.25      | 0.13       | 26.23%    | 1.34       |
| DD013A  | DD013A-408 | 375               | 376             | 1781.3    | 22.9      | 6.1       | 38.1      | 82        | 3.2       | 1017.3    | 0.4       | 682.9     | 189.1     | 145       | 6.4       | 0.6       | 83.9     | 3.1       | 1289      | 237       | 11824     | 0.48      | 0.18       | 21.39%    | 0.99       |
| DD013A  | DD013A-409 | 376               | 377             | 415.1     | 28.4      | 8.8       | 17.9      | 47.6      | 4.7       | 195.9     | 0.6       | 234       | 53.2      | 57.3      | 5.7       | 1         | 118.4    | 4.8       | 690       | 73        | 2508      | 0.14      | 0.10       | 23.85%    | 0.42       |
| DD013A  | DD013A-410 | 377               | 378             | 551.4     | 28.7      | 8.2       | 17.4      | 45.3      | 4.2       | 295.5     | 0.5       | 251.2     | 62.5      | 60        | 5.3       | 0.9       | 118.7    | 4.3       | 925       | 78        | 3740      | 0.17      | 0.13       | 21.34%    | 0.63       |
| DD013A  | DD013A-411 | 378               | 379             | 1145.6    | 23.3      | 6.9       | 23.2      | 54.1      | 3.6       | 664.8     | 0.5       | 411.4     | 115.7     | 86        | 5.1       | 0.8       | 97.3     | 4.1       | 942       | 85        | 7727      | 0.31      | 0.13       | 19.85%    | 1.30       |
| DD013A  | DD013A-413 | 379               | 380             | 1011.6    | 26.1      | 7.6       | 29.2      | 64        | 3.9       | 532.8     | 0.5       | 427       | 109.6     | 107.9     | 5.6       | 0.8       | 112.8    | 4.4       | 1312      | 155       | 8966      | 0.29      | 0.19       | 21.84%    | 1.51       |
| DD013A  | DD013A-414 | 380               | 381             | 963.3     | 26.9      | 7.4       | 28.1      | 62.1      | 4.3       | 510.5     | 0.4       | 414.4     | 106.5     | 102.7     | 5.7       | 0.8       | 115.6    | 3.8       | 1213      | 132       | 7609      | 0.28      | 0.17       | 22.02%    | 1.28       |
| DD013A  | DD013A-415 | 381               | 382             | 1091.9    | 26        | 7.7       | 30.4      | 64.5      | 3.7       | 589.3     | 0         | 467.9     | 121.5     | 112.3     | 6         | 0.7       | 109.2    | 4.5       | 817       | 105       | 8349      | 0.31      | 0.12       | 22.25%    | 1.41       |
| DD013A  | DD013A-416 | 382               | 383             | 594.7     | 26.6      | 9.2       | 16.9      | 42.6      | 4.3       | 308.9     | 0         | 234.3     | 64.5      | 55.4      | 5.3       | 0.9       | 126.5    | 4.8       | 1021      | 306       | 3395      | 0.18      | 0.15       | 19.82%    | 0.57       |
| DD013A  | DD013A-417 | 383               | 384             | 883.2     | 24.3      | 7.6       | 17.3      | 39.9      | 3.8       | 540.2     | 0         | 286.5     | 86.8      | 60.3      | 4.7       | 0.7       | 109.8    | 3.9       | 1069      | 1096      | 4713      | 0.24      | 0.17       | 17.93%    | 0.79       |
| DD013A  | DD013A-418 | 384               | 385             | 817       | 16.9      | 5.1       | 21.4      | 41.8      | 2.5       | 392.9     | 0         | 384.3     | 97.3      | 84.9      | 4.3       | 0         | 68.4     | 2.8       | 717       | 263       | 7956      | 0.23      | 0.10       | 24.72%    | 1.34       |
| DD013A  | DD013A-419 | 385               | 386             | 1024.2    | 18        | 4.7       | 23.4      | 48.6      | 2.2       | 531.4     | 0         | 408       | 113.1     | 93.1      | 4.8       | 0         | 64.2     | 2.4       | 1284      | 109       | 7861      | 0.27      | 0.18       | 22.20%    | 1.32       |
| DD013A  | DD013A-420 | 386               | 387             | 1261.9    | 23.7      | 5.9       | 24.8      | 58.1      | 2.9       | 683       | 0         | 455.6     | 134.4     | 88.1      | 6         | 0.5       | 81.9     | 3.1       | 1129      | 266       | 8143      | 0.33      | 0.16       | 20.76%    | 1.37       |
| DD013A  | DD013A-422 | 387               | 388             | 980.2     | 19.4      | 6         | 19.6      | 44.2      | 2.7       | 522.5     | 0         | 352.6     | 106       | 68.9      | 4.6       | 0.5       | 75.2     | 3.9       | 916       | 125       | 6475      | 0.26      | 0.13       | 20.69%    | 1.09       |
| DD013A  | DD013A-423 | 388               | 389             | 1830.1    | 29.2      | 7.7       | 30.9      | 69        | 4         | 988.4     | 0         | 584.5     | 177.1     | 104.4     | 7.2       | 0.8       | 103.5    | 4         | 916       | 150       | 8839      | 0.46      | 0.13       | 19.20%    | 1.49       |
| DD013A  | DD013A-424 | 389               | 390             | 6374.3    | 30.2      | 7         | 45.7      | 94.8      | 3.7       | 4680      | 0         | 1494.3    | 527.5     | 184.4     | 9.1       | 0.6       | 85.4     | 3.7       | 955       | 477       | 29090     | 1.59      | 0.14       | 14.88%    | 4.90       |
| DD013A  | DD013A-425 | 390               | 391             | 7694.2    | 35.2      | 7.9       | 48.3      | 103.6     | 4.2       | 6330.2    | 0         | 1538.8    | 583.9     | 188.2     | 10.3      | 0.6       | 93.1     | 3.3       | 893       | 779       | 33640     | 1.95      | 0.13       | 12.71%    | 5.67       |
| DD013A  | DD013A-427 | 391               | 392             | 4061      | 16.5      | 4.9       | 27.2      | 54.5      | 2         | 3448.6    | 0         | 779.5     | 298.3     | 106.1     | 4.8       | 0         | 50.7     | 2.5       | 1293      | 656       | 9559      | 1.04      | 0.19       | 12.13%    | 1.61       |
| DD013A  | DD013A-428 | 392               | 393             | 1677.7    | 14.1      | 4.2       | 26.9      | 51.5      | 1.9       | 839.5     | 0         | 577.4     | 169.9     | 102.6     | 4.4       | 0         | 47       | 2.7       | 1650      | 529       | 9349      | 0.41      | 0.24       | 21.16%    | 1.58       |
| DD013A  | DD013A-429 | 393               | 394             | 1615.5    | 18.9      | 5.4       | 27        | 53.7      | 2.4       | 774.8     | 0         | 604.1     | 169.5     | 111.6     | 4.9       | 0         | 67.5     | 2.7       | 1119      | 271       | 8947      | 0.41      | 0.16       | 22.29%    | 1.51       |
| DD013A  | DD013A-431 | 394               | 395             | 1685.2    | 24.7      | 6.4       | 34.5      | 69.2      | 3         | 690.3     | 0         | 714.4     | 177.3     | 134.8     | 6.6       | 0         | 86.1     | 3.1       | 788       | 258       | 13630     | 0.43      | 0.13       | 24.85%    | 2.30       |
| DD013A  | DD013A-432 | 395               | 396             | 1896.5    | 30.4      | 8.5       | 35.5      | 77.5      | 4.1       | 906       | 0         | 684.9     | 196.2     | 126.6     | 7.9       | 0.7       | 115.9    | 4.2       | 1179      | 284       | 12750     | 0.48      | 0.17       | 21.43%    | 2.15       |
| DD013A  | DD013A-433 | 396               | 397             | 1196.7    | 64        | 20.6      | 29.5      | 87.2      | 10.1      | 667.6     | 0         | 421.9     | 123.2     | 86.8      | 12.4      | 1.7       | 264.7    | 9.2       | 1225      | 145       | 6270      | 0.35      | 0.18       | 18.04%    | 1.06       |
| DD013A  | DD013A-434 | 397               | 398             | 1462.4    | 61.1      | 18.3      | 37.1      | 102.2     | 8.7       | 759.1     | 0         | 506       | 145.5     | 111.2     | 13        | 1.7       | 240.6    | 9.4       | 1397      | 180       | 10370     | 0.41      | 0.20       | 18.61%    | 1.75       |
| DD013A  | DD013A-435 | 398               | 399             | 1445.1    | 40        | 12.5      | 29.5      | 75.7      | 5.9       | 733.1     | 0         | 500.3     | 146.6     | 101.9     | 8.8       | 1.2       | 160.9    | 7.7       | 1415      | 263       | 8393      | 0.38      | 0.20       | 19.67%    | 1.41       |
| DD013A  | DD013A-436 | 399               | 400             | 1703      | 27.9      | 7.4       | 33.4      | 69.6      | 3.6       | 838.4     | 0         | 588.9     | 176.2     | 115.1     | 7.1       | 0.6       | 98.9     | 4         | 1445      | 298       | 11680     | 0.43      | 0.21       | 20.95%    | 1.97       |
| DD013A  | DD013A-437 | 400               | 401             | 1272.3    | 20.7      | 6.4       | 26.5      | 54.8      | 3         | 669.9     | 0         | 481.7     | 138.8     | 93.9      | 5.5       | 0.7       | 82.3     | 4.2       | 1579      | 230       | 8476      | 0.34      | 0.23       | 21.60%    | 1.43       |
| DD013A  | DD013A-438 | 401               | 402             | 1691.6    | 25.7      | 7.5       | 29.6      | 66.9      | 3.6       | 903.2     | 0         | 578.4     | 170.4     | 111.5     | 6.5       | 0.7       | 99.9     | 4.9       | 1573      | 378       | 9287      | 0.43      | 0.23       | 20.15%    | 1.56       |
| DD013A  | DD013A-440 | 402               | 403             | 1557.3    | 23.9      | 6.8       | 29.5      | 64.8      | 3.2       | 800.4     | 0         | 537.5     | 157.3     | 103       | 6.5       | 0.7       | 89.1     | 3.9       | 1331      | 226       | 9888      | 0.40      | 0.19       | 20.45%    | 1.67       |
| DD013A  | DD013A-441 | 403               | 404             | 1267.9    | 25.9      | 7.2       | 27.8      | 62.3      | 3.6       | 678.6     | 0         | 472       | 135.7     | 94.9      | 6.5       | 0.6       | 96.1     | 4.5       | 1374      | 231       | 8578      | 0.34      | 0.20       | 20.98%    | 1.45       |
| DD013A  | DD013A-442 | 404               | 405             | 2077.5    | 28.7      | 7.9       | 36.7      | 77.9      | 3.6       | 1190.2    | 0         | 672.7     | 199.2     | 130.4     | 7.6       | 0.8       | 106      | 4.3       | 1341      | 447       | 10780     | 0.53      | 0.19       | 19.11%    | 1.82       |
| DD013A  | DD013A-443 | 405               | 406             | 2768.5    | 22.4      | 6.7       | 33.4      | 67.2      | 2.9       | 1291.1    | 0         | 729.6     | 238.9     | 119.1     | 6.2       | 0.6       | 80.9     | 3.5       | 1525      | 595       | 12550     | 0.70      | 0.22       | 16.08%    | 2.11       |
| DD013A  | DD013A-444 | 406               | 407             | 5130.8    | 26.1      | 6.1       | 36.8      | 76.3      | 3         | 3826.9    | 0         | 1197.5    | 421.7     | 148.2     | 7.8       | 0.5       | 72.5     | 2.8       | 1029      | 138       | 21150     | 1.28      | 0.15       | 14.73%    | 3.56       |
| DD013A  | DD013A-445 | 407               | 408             | 1768.6    | 22.9      | 7         | 26.3      | 57.5      | 3.1       | 930.9     | 0         | 559.8     | 170.8     | 95.8      | 5.9       | 0.6       | 86.9     | 4.4       | 1020      | 151       | 9425      | 0.44      | 0.15       | 19.45%    | 1.59       |
| DD013A  | DD013A-446 | 408               | 409             | 2331.1    | 32        | 8.5       | 39        | 84.3      | 4.3       | 1261.6    | 0         | 744.1     | 225.1     | 140.6     | 8.3       | 0.8       | 118.5    | 4.9       | 1142      | 209       | 12810     | 0.59      | 0.16       | 19.29%    | 2.16       |
| DD013A  | DD013A-447 | 409               | 410             | 2535.4    | 31.7      | 9.1       | 35.9      | 80.5      | 4.2       | 1386.5    | 0         | 753.6     | 236.5     | 123.9     | 8.5       | 0.9       | 118.6    | 4.9       | 1109      | 218       | 12310     | 0.62      | 0.16       | 18.50%    | 2.07       |
| DD013A  | DD013A-448 | 410               | 411             | 1826.4    | 21.5      | 7.2       | 23.3      | 50.4      | 3.3       | 1086.3    | 0         | 517.5     | 164.6     | 84.2      | 5.5       | 0.7       | 87.7     | 4.1       | 1450      | 310       | 8367      | 0.46      | 0.21       | 17.49%    | 1.41       |
| DD013A  | DD013A-449 | 411               |                 |           |           |           |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |           |            |           |            |

| Hole_ID | Sample No  | Depth_From (m) | Depth_To (m) | Ce ppm | Dy ppm | Er ppm | Eu ppm | Gd ppm | Ho ppm | La ppm | Lu ppm | Nd ppm | Pr ppm | Sm ppm | Tb ppm | Tm ppm | Y ppm | Yb ppm | Nb ppm | Mo ppm | Sr ppm | TREO % | Nb2O5 % | NdPr % | SrCO3 % |
|---------|------------|----------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|---------|--------|---------|
| DD013A  | DD013A-494 | 451            | 452          | 1398.4 | 45.1   | 10.3   | 32.6   | 77.9   | 5.8    | 727.9  | 0      | 511    | 148.9  | 104    | 9.4    | 0.7    | 149.8 | 3.6    | 1311   | 236    | 9774   | 0.38   | 0.19    | 20.35% | 1.65    |
| DD013A  | DD013A-495 | 452            | 453          | 1860.5 | 53.9   | 12.9   | 45.8   | 93.6   | 7.1    | 881.7  | 0      | 781.8  | 205.2  | 178.3  | 11.3   | 1      | 185.4 | 4.7    | 877    | 100    | 14400  | 0.51   | 0.13    | 22.71% | 2.43    |
| DD013A  | DD013A-496 | 453            | 454          | 890.4  | 41.9   | 8.5    | 39.2   | 79.6   | 5.2    | 347.7  | 0      | 615.1  | 133.8  | 153.2  | 9.5    | 0.6    | 133.4 | 2.6    | 603    | 10     | 14680  | 0.29   | 0.09    | 30.27% | 2.47    |
| DD013A  | DD013A-497 | 454            | 455          | 1062.1 | 37.8   | 8.2    | 37.9   | 74.1   | 4.6    | 492.2  | 0      | 625.2  | 142.2  | 156.3  | 9.1    | 0      | 125.2 | 2.7    | 596    | 21     | 12250  | 0.33   | 0.09    | 27.49% | 2.06    |
| DD013A  | DD013A-498 | 455            | 456          | 2211.4 | 41.4   | 8.9    | 36.5   | 79.5   | 5.4    | 1346.7 | 0      | 696.2  | 202.4  | 141.5  | 9.6    | 0.6    | 130.8 | 2.5    | 339    | 7      | 14450  | 0.58   | 0.05    | 18.21% | 2.43    |
| DD013A  | DD013A-499 | 456            | 457          | 1131.2 | 35.3   | 9.1    | 39.9   | 80.5   | 4.7    | 472.8  | 0      | 662.1  | 157.1  | 151.8  | 8.5    | 0.7    | 117.3 | 3.9    | 587    | 124    | 12980  | 0.34   | 0.08    | 28.37% | 2.19    |
| DD013A  | DD013A-500 | 457            | 458          | 957.4  | 23.9   | 6.1    | 25.4   | 59.8   | 2.9    | 524.9  | 0      | 380.7  | 104.8  | 88.2   | 6.2    | 0      | 81    | 2.3    | 1888   | 311    | 7341   | 0.27   | 0.27    | 21.35% | 1.24    |
| DD013A  | DD013A-502 | 458            | 459          | 2396.5 | 46     | 12.2   | 37.1   | 89.4   | 6.3    | 1253.3 | 0      | 771.4  | 234.4  | 136.5  | 10.9   | 0.9    | 168.4 | 4.8    | 1348   | 207    | 11880  | 0.61   | 0.19    | 19.37% | 2.00    |
| DD013A  | DD013A-503 | 459            | 460          | 1242.1 | 58.7   | 16.2   | 31.1   | 82.6   | 8.4    | 689.4  | 0      | 447.4  | 130    | 96.8   | 12     | 1.5    | 223.7 | 7.7    | 1842   | 369    | 9405   | 0.36   | 0.26    | 18.80% | 1.58    |
| DD013A  | DD013A-504 | 460            | 461          | 1320.2 | 55.7   | 15     | 32.8   | 83.1   | 8      | 745.4  | 0      | 469.6  | 136.9  | 99.2   | 11.6   | 1.2    | 200.8 | 5.3    | 1756   | 189    | 10050  | 0.37   | 0.25    | 18.91% | 1.69    |
| DD013A  | DD013A-505 | 461            | 462          | 3630.9 | 51.9   | 14.3   | 33.4   | 84.7   | 7.5    | 2769.8 | 0      | 817.7  | 290.1  | 119.2  | 10.9   | 1.1    | 190.1 | 5.6    | 1960   | 342    | 15320  | 0.94   | 0.28    | 13.74% | 2.58    |
| DD013A  | DD013A-507 | 462            | 463          | 7714.8 | 36.9   | 10.8   | 39.8   | 86     | 5      | 6157.5 | 0      | 1526.9 | 583.3  | 161.2  | 9.4    | 0.7    | 118.8 | 3.6    | 854    | 74     | 30490  | 1.93   | 0.12    | 12.78% | 5.14    |
| DD013A  | DD013A-508 | 463            | 464          | 4146.9 | 30     | 8.3    | 32     | 68.7   | 4.1    | 3343.7 | 0      | 880.3  | 315.3  | 120.5  | 7.1    | 0.7    | 102.4 | 3.2    | 1045   | 267    | 14090  | 1.06   | 0.15    | 13.14% | 2.37    |
| DD013A  | DD013A-509 | 464            | 465          | 3772.3 | 24.8   | 7.6    | 32.1   | 67.6   | 3.3    | 2907.2 | 0      | 831.9  | 293.1  | 123.5  | 6.4    | 0.6    | 85.4  | 3.3    | 1030   | 484    | 8767   | 0.96   | 0.15    | 13.74% | 1.48    |
| DD013A  | DD013A-511 | 465            | 466          | 927    | 22.7   | 6.7    | 21     | 46.7   | 3.3    | 494.6  | 0      | 334.9  | 98.1   | 70.7   | 5.4    | 0.6    | 86.4  | 4      | 1670   | 271    | 6207   | 0.25   | 0.24    | 20.30% | 1.05    |
| DD013A  | DD013A-512 | 466            | 467          | 1290.8 | 24.7   | 6.7    | 20.3   | 46.5   | 3.5    | 736.1  | 0      | 401    | 129    | 71.5   | 5.3    | 0      | 86.9  | 2.4    | 830    | 106    | 8353   | 0.33   | 0.12    | 18.68% | 1.41    |
| DD013A  | DD013A-513 | 467            | 468          | 1189.4 | 16.7   | 4.9    | 15.4   | 36.1   | 2.3    | 738.2  | 0      | 337.9  | 111.5  | 55.7   | 3.8    | 0      | 58.8  | 2.2    | 628    | 84     | 5996   | 0.30   | 0.09    | 17.39% | 1.01    |
| DD013A  | DD013A-514 | 468            | 469          | 1351   | 22.1   | 6.5    | 24.2   | 49.9   | 3      | 740.7  | 0      | 476.5  | 141    | 90.7   | 5.2    | 0.5    | 80.3  | 2.6    | 2446   | 125    | 8422   | 0.35   | 0.35    | 20.54% | 1.42    |
| DD013A  | DD013A-515 | 469            | 470          | 1732.1 | 22.3   | 7.3    | 25.2   | 54.2   | 3.2    | 917.7  | 0      | 530.2  | 162.1  | 92.7   | 5.7    | 0.8    | 86.9  | 4.6    | 1578   | 259    | 7375   | 0.43   | 0.23    | 18.91% | 1.24    |
| DD013A  | DD013A-516 | 470            | 471          | 2310.5 | 18.4   | 6.5    | 25.5   | 51     | 2.7    | 1224   | 0      | 646.9  | 210.1  | 99.4   | 4.7    | 0.6    | 78.8  | 3.3    | 1030   | 237    | 7626   | 0.55   | 0.15    | 18.23% | 1.28    |
| DD013A  | DD013A-517 | 471            | 472          | 6481   | 25.4   | 7.6    | 38.1   | 78.1   | 3.4    | 5096.7 | 0      | 1351.4 | 498.6  | 151.7  | 7.2    | 0.6    | 79    | 3      | 1014   | 138    | 27540  | 1.62   | 0.15    | 13.34% | 4.64    |
| DD013A  | DD013A-518 | 472            | 473          | 809.4  | 12.2   | 4.1    | 15.1   | 31.1   | 1.9    | 447.5  | 0      | 276.8  | 83.5   | 56.3   | 3      | 0      | 52.9  | 2      | 1381   | 161    | 5768   | 0.21   | 0.20    | 19.97% | 0.97    |
| DD013A  | DD013A-520 | 473            | 474          | 1007.8 | 14.9   | 4.7    | 20.1   | 43.4   | 2.1    | 562.5  | 0      | 349    | 104.1  | 72     | 3.9    | 0      | 59.6  | 2.3    | 1434   | 205    | 5787   | 0.26   | 0.21    | 20.09% | 0.98    |
| DD013A  | DD013A-521 | 474            | 475          | 1547.8 | 18.1   | 4.9    | 27.9   | 54.6   | 2.2    | 803.4  | 0      | 509.4  | 150.4  | 101    | 4.6    | 0      | 61.4  | 1.9    | 1901   | 284    | 9143   | 0.39   | 0.27    | 20.00% | 1.54    |
| DD013A  | DD013A-522 | 475            | 476          | 1181   | 15.9   | 4.7    | 23.7   | 46.2   | 2.2    | 646    | 0      | 423.9  | 124.8  | 85.2   | 4.3    | 0      | 58.9  | 2      | 3241   | 280    | 7589   | 0.31   | 0.46    | 20.87% | 1.28    |
| DD013A  | DD013A-523 | 476            | 477          | 1319.7 | 20.6   | 7.6    | 27     | 55.2   | 3.3    | 732.1  | 0      | 489.7  | 138.1  | 97.2   | 5.2    | 0.7    | 94    | 3.2    | 1585   | 259    | 9064   | 0.35   | 0.23    | 20.88% | 1.53    |
| DD013A  | DD013A-524 | 477            | 478          | 880.6  | 34.9   | 15.3   | 23.1   | 54.8   | 6.1    | 468.2  | 0      | 322.1  | 93.6   | 74.1   | 6.6    | 1.5    | 168.1 | 8.1    | 1275   | 50     | 7196   | 0.25   | 0.18    | 19.12% | 1.21    |
| DD013A  | DD013A-525 | 478            | 479          | 1273.9 | 75.9   | 27.8   | 37.1   | 96.4   | 12.8   | 653.2  | 0      | 517.4  | 143.4  | 114.4  | 13.6   | 2.6    | 325   | 12.2   | 1325   | 161    | 8853   | 0.39   | 0.19    | 19.80% | 1.49    |
| DD013A  | DD013A-526 | 479            | 480          | 2915.5 | 64.8   | 20.6   | 38.5   | 94.3   | 10     | 1815.1 | 0      | 837.6  | 267.9  | 144.3  | 13     | 1.9    | 250.7 | 9.1    | 1424   | 75     | 18490  | 0.76   | 0.20    | 16.96% | 3.12    |
| DD013A  | DD013A-527 | 480            | 481          | 4093.6 | 28     | 8.9    | 31     | 63.3   | 4.1    | 2820.1 | 0      | 971.4  | 346.2  | 125.6  | 6.7    | 0.7    | 108.4 | 3.3    | 640    | 155    | 17050  | 1.01   | 0.09    | 15.24% | 2.87    |
| DD013A  | DD013A-528 | 481            | 482          | 6653.8 | 25.5   | 8.2    | 29.2   | 63.3   | 3.8    | 5138.7 | 0      | 1303.1 | 515.1  | 129.4  | 6.9    | 0.7    | 96.2  | 3.7    | 161    | 20     | 26620  | 1.64   | 0.02    | 12.96% | 4.46    |
| DD013A  | DD013A-529 | 482            | 483          | 3523.6 | 19.4   | 6.3    | 22.8   | 48.2   | 2.7    | 1969.7 | 0      | 887.1  | 323.2  | 95.8   | 5.1    | 0      | 75.9  | 3.1    | 353    | 52     | 20530  | 0.82   | 0.05    | 17.27% | 3.49    |
| DD013A  | DD013A-530 | 483            | 483.7        | 4840.2 | 29.2   | 9.4    | 41     | 80.1   | 4.2    | 2980.4 | 0      | 1256.5 | 438.8  | 173.1  | 8      | 0.9    | 107.2 | 4.3    | 371    | 59     | 23470  | 1.17   | 0.05    | 16.92% | 3.95    |
| DD013A  | DD013A-531 | 483.7          | 485          | 621    | 6.2    | 2.4    | 5      | 10.3   | 1.1    | 427.7  | 0      | 157.9  | 59     | 18.6   | 1      | 0      | 25.6  | 1.5    | 52     | 22     | 4760   | 0.16   | 0.01    | 16.15% | 0.80    |
| DD013A  | DD013A-533 | 485            | 486          | 38.7   | 3.4    | 1.6    | 1.6    | 3.8    | 0.6    | 20.3   | 0      | 17.5   | 4.6    | 3.9    | 0.5    | 0      | 15.7  | 1.3    | 19     | 18     | 1300   | 0.01   | 0.00    | 19.24% | 0.22    |
| DD013A  | DD013A-534 | 486            | 487          | 94.8   | 4.5    | 2.1    | 2      | 5.5    | 0.9    | 53.5   | 0      | 32.7   | 10     | 5.8    | 0.9    | 0      | 21.7  | 1.5    | 61     | 10     | 1173   | 0.03   | 0.01    | 17.94% | 0.02    |
| DD013A  | DD013A-535 | 487            | 488          | 76.7   | 3.7    | 1.8    | 1.8    | 4.3    | 0.7    | 42.3   | 0      | 28.8   | 8.2    | 4.6    | 0.7    | 0      | 17    | 1.4    | 20     | 13     | 814    | 0.02   | 0.00    | 19.10% | 0.14    |
| DD013A  | DD013A-536 | 488            | 489          | 63.3   | 3.1    | 1.4    | 1.8    | 4      | 0.6    | 35.5   | 0      | 22.9   | 7.1    | 4.7    | 0.6    | 0      | 14.6  | 1.3    | 17     | 13     | 746    | 0.02   | 0.00    | 18.48% | 0.13    |
| DD013A  | DD013A-537 | 489            | 490          | 49.5   | 4      | 1.8    | 1.6    | 4.6    | 0.7    | 25.2   | 0      | 22.9   | 5.6    | 5.2    | 0.6    | 0      | 19.2  | 1.7    | 18     | 78     | 872    | 0.02   | 0.00    | 19.75% | 0.15    |
| DD013A  | DD013A-538 | 490            | 491          | 127.9  | 6.3    | 3.6    | 2.4    | 6      | 1.3    | 78     | 0      | 41     | 12.5   | 7.7    | 1      | 0      | 35.8  | 2.8    | 35     | 132    | 1945   | 0.04   | 0.01    | 16.22% | 0.33    |
| DD013A  | DD013A-539 | 491            | 491.9        | 45.3   | 4      | 1.9    | 1.6    | 4.3    | 0.8    | 23.1   | 0      | 20.7   | 5.2    | 4.2    | 0.6    | 0      | 18.9  | 1.7    | 25     | 230    | 801    | 0.02   | 0.00    | 19.33% | 0.13    |
| DD013A  | DD013A-540 | 491.9          | 493          | 4560.8 | 73.9   | 21.6   | 44.1   | 114.7  | 10.9   | 2719.3 | 0      | 1145.9 | 400.8  | 156.9  | 15.6   | 1.7    | 258.9 | 7.5    | 509    | 61     | 24250  | 1.12   | 0.07    | 16.15% | 4.09    |
| DD013A  | DD013A-541 | 493            | 494          | 7974.1 | 40.5   | 11.8   | 36.6   | 83.8   | 5.4    | 6175.1 | 0      | 1476.5 | 597.4  | 153    | 9.9    | 1      | 138.6 | 5.2    | 799    | 21     | 32190  | 1.97   | 0.11    | 12.37% | 5.42    |
| DD013A  | DD013A-542 | 494            | 495          | 5399.2 | 20.4   | 6.7    | 27.7   | 53.9   | 2.8    | 3499.9 | 0      | 1156.9 | 448.8  | 121.4  | 5.7    | 0.6    | 72.3  | 3      | 322    | 7      | 25940  | 1.26   | 0.05    | 14.78% | 4.37    |
| DD013A  | DD013A-543 | 495            | 496          | 6978.2 | 26     | 7.9    | 32.8   | 65.8   | 3.6    | 4818.5 | 0      | 1397.7 | 552.8  | 143    | 7      | 0.7    | 88.5  | 3.9    | 348    | 444    | 33150  | 1.65   | 0.05    | 13.76% | 5.59    |
| DD013A  | DD013A-544 | 496            | 497          | 9376.3 | 35.5   | 8.9    | 46.4   | 98     | 4.7    | 6975   | 0      | 1843.9 | 624.3  | 195.8  | 9.9    | 0.8    | 114.1 | 4.2    | 534    | 483    | 32000  | 2.28   | 0.08    | 13.17% | 5.39    |
| DD013A  | DD013A-545 | 497            | 498          | 4998.6 | 53.2   | 12.5   | 47.3   | 106.4  | 6.5    | 2782.9 | 0      | 1517.8 | 486.7  | 189.9  | 12.8   | 0.9    | 158   | 4.4    | 284    | 111    | 31840  | 1.22   | 0.04    | 18.24% | 5.36    |
| DD013A  | DD013A-547 | 498            | 499          | 3441.5 | 30.9   | 9.3    | 30.3   | 65.9   | 4.5    | 2145.2 | 0      | 927.2  | 310.1  | 119.6  | 7      | 0.8    | 107.3 | 3.6    | 1632   | 330    | 9952   | 0.84   | 0.23    | 17.11% | 1.68    |
| DD013A  | DD013A-548 | 499            | 500          | 5119.4 | 31     | 8.3    | 35.5   | 77.4   | 4.1    | 3367.1 | 0      | 1272.6 | 446.2  | 147.2  | 8.1    | 0.7    | 97.3  | 4.4    | 555    | 130    | 22590  | 1.24   | 0.08    | 16.13% | 3.81    |
| DD013A  | DD013A-549 | 500            | 501          | 6603.8 | 33.3   | 9.1    | 44.7   | 92.8   | 4.2    | 4446.7 | 0      | 1626.1 | 568.4  | 191.2  | 9.5    | 0.7    | 100   | 4.6    | 323    | 34     | 32240  | 1.61   | 0.05    | 15.92% | 5.43    |
| DD013A  | DD013A-551 | 501            | 502          | 5240.7 | 28.8   | 7.8    | 38.9   | 80.3   | 3.4    | 2765.6 | 0      | 1649.2 | 526.9  | 182.7  | 8.3    | 0.7    | 85.8  | 3.9    | 535    | 10     | 27650  | 1.24   | 0.08    | 20.42% | 4.66    |
| DD013A  | DD013A-5   |                |              |        |        |        |        |        |        |        |        |        |        |        |        |        |       |        |        |        |        |        |         |        |         |

| Hole_ID | Sample No  | Depth_From<br>(m) | Depth_To<br>(m) | Ce<br>ppm | Dy<br>ppm | Er<br>ppm | Eu<br>ppm | Gd<br>ppm | Ho<br>ppm | La<br>ppm | Lu<br>ppm | Nd<br>ppm | Pr<br>ppm | Sm<br>ppm | Tb<br>ppm | Tm<br>ppm | Y<br>ppm | Yb<br>ppm | Nb<br>ppm | Mo<br>ppm | Sr<br>ppm | TREO<br>% | Nb2O5<br>% | NdPr % | SrCO3<br>% |
|---------|------------|-------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|------------|--------|------------|
| DD013A  | DD013A-596 | 541               | 542             | 4659.5    | 22.2      | 5         | 38.2      | 77.2      | 2.4       | 2930.4    | 0         | 1217.2    | 413.8     | 153.4     | 7         | 0         | 58.9     | 2.8       | 1021      | 545       | 25560     | 1.12      | 0.15       | 16.96% | 4.31       |
| DD013A  | DD013A-597 | 542               | 543             | 5924.3    | 20.9      | 5.3       | 44.2      | 88.3      | 2.4       | 4052.3    | 0         | 1483.8    | 514.2     | 180.1     | 7.4       | 0.5       | 60.3     | 3         | 1254      | 3784      | 8027      | 1.45      | 0.18       | 16.08% | 1.35       |
| DD013A  | DD013A-598 | 543               | 544             | 3559.7    | 19        | 5.7       | 31.6      | 66.1      | 2.4       | 1894.9    | 0         | 992.8     | 327.3     | 126       | 5.9       | 0.6       | 63.6     | 3.3       | 478       | 459       | 15070     | 0.83      | 0.07       | 18.54% | 2.54       |
| DD013A  | DD013A-600 | 544               | 545             | 5140      | 19.6      | 5.7       | 36.1      | 74        | 2.4       | 3555.4    | 0         | 1193.7    | 425.1     | 142.9     | 6.5       | 0.5       | 60.8     | 3.4       | 695       | 944       | 26460     | 1.25      | 0.10       | 15.13% | 4.46       |
| DD013A  | DD013A-601 | 545               | 546             | 10411     | 28.5      | 8.4       | 43.2      | 91.5      | 3.7       | 8281.6    | 0         | 1810.2    | 756.2     | 172.7     | 9.1       | 0.8       | 91       | 4.5       | 1483      | 1033      | 46590     | 2.54      | 0.21       | 11.78% | 7.85       |
| DD013A  | DD013A-602 | 546               | 547             | 13890     | 32.6      | 8.7       | 48.3      | 104.7     | 3.9       | 11553     | 0         | 2148.8    | 956.8     | 188.4     | 10.7      | 0.7       | 91.9     | 4.8       | 934       | 882       | 58160     | 3.40      | 0.13       | 10.66% | 9.80       |
| DD013A  | DD013A-603 | 547               | 548             | 3203.6    | 16.8      | 5.3       | 30.1      | 59.4      | 2.4       | 1641.4    | 0         | 960.3     | 310.9     | 121.4     | 5.3       | 0.5       | 58.9     | 3.6       | 2078      | 394       | 19190     | 0.75      | 0.30       | 19.74% | 3.23       |
| DD013A  | DD013A-604 | 548               | 549             | 3388.8    | 24.5      | 5.9       | 39.3      | 87.5      | 2.8       | 1725.8    | 0         | 1020.7    | 324.3     | 147.1     | 7.8       | 0.6       | 67.2     | 3.8       | 1305      | 98        | 13230     | 0.80      | 0.19       | 19.58% | 2.23       |
| DD013A  | DD013A-605 | 549               | 550             | 5425.6    | 25.6      | 7.4       | 44.4      | 91.4      | 3         | 3491.4    | 0         | 1413.8    | 477.4     | 181.7     | 8.3       | 0.7       | 77.6     | 4.8       | 4543      | 458       | 25190     | 1.32      | 0.65       | 16.75% | 4.24       |
| DD013A  | DD013A-606 | 550               | 551             | 10579     | 29.7      | 8.8       | 43.4      | 90.9      | 3.7       | 8594.6    | 0         | 1771      | 751.1     | 172.7     | 9.1       | 0.8       | 97.3     | 5.3       | 982       | 633       | 39820     | 2.60      | 0.14       | 11.34% | 6.71       |
| DD013A  | DD013A-607 | 551               | 552             | 8129.6    | 24.4      | 6.8       | 38.5      | 80        | 3.1       | 6087.7    | 0         | 1593.1    | 619.9     | 156.6     | 7.8       | 0.6       | 76.7     | 4.3       | 794       | 577       | 35010     | 1.97      | 0.11       | 13.11% | 5.90       |
| DD013A  | DD013A-608 | 552               | 553             | 5187.9    | 20.2      | 5.9       | 39.8      | 78.6      | 2.5       | 3521.4    | 0         | 1268.6    | 442.9     | 159.8     | 6.7       | 0.5       | 64       | 3.9       | 1448      | 1562      | 23160     | 1.27      | 0.21       | 15.79% | 3.90       |
| DD013A  | DD013A-609 | 553               | 554             | 4064.5    | 22.7      | 6.2       | 40.7      | 82.7      | 2.9       | 2157.9    | 0         | 1197.5    | 382.2     | 158.1     | 7.4       | 0.6       | 68.9     | 4.2       | 1808      | 1081      | 16540     | 0.96      | 0.26       | 19.21% | 2.79       |
| DD013A  | DD013A-610 | 554               | 555             | 3183.2    | 25.3      | 7         | 38.3      | 76.6      | 3.3       | 1601.3    | 0         | 1050.5    | 318.9     | 156.1     | 7.3       | 0.8       | 81.6     | 4.6       | 1531      | 223       | 16200     | 0.77      | 0.22       | 20.82% | 2.73       |
| DD013A  | DD013A-611 | 555               | 556             | 7559.1    | 25.2      | 8.5       | 32.4      | 68.8      | 3.6       | 5980.9    | 0         | 1410.5    | 560       | 145.8     | 6.6       | 0.7       | 92.4     | 4.6       | 688       | 376       | 30290     | 1.86      | 0.10       | 12.35% | 5.10       |
| DD013A  | DD013A-613 | 556               | 557             | 4093.9    | 23.3      | 8         | 31.2      | 63.4      | 3.2       | 2581.6    | 0         | 1024.5    | 354.1     | 127       | 6.2       | 0.8       | 85.4     | 4.9       | 3609      | 1220      | 17950     | 0.98      | 0.52       | 16.34% | 3.02       |
| DD013A  | DD013A-614 | 557               | 558             | 3356.2    | 25.9      | 8.9       | 34.7      | 72.4      | 3.8       | 1582.7    | 0         | 1087.3    | 336.5     | 147.1     | 6.9       | 0.9       | 98       | 4.7       | 2303      | 391       | 18030     | 0.79      | 0.33       | 20.97% | 3.04       |
| DD013A  | DD013A-615 | 558               | 559             | 8878.8    | 21.2      | 6.6       | 39.5      | 74.2      | 2.8       | 6994      | 0         | 1685.6    | 661.9     | 178.5     | 6.5       | 0.5       | 68.5     | 3         | 668       | 1183      | 26910     | 2.18      | 0.10       | 12.57% | 4.53       |
| DD013A  | DD013A-616 | 559               | 560             | 7334.9    | 21.4      | 7.5       | 29.2      | 55.8      | 3.1       | 5751.9    | 0         | 1346.3    | 545.6     | 123.2     | 5.5       | 0.7       | 81.3     | 4         | 829       | 625       | 34670     | 1.79      | 0.12       | 12.31% | 5.84       |
| DD013A  | DD013A-617 | 560               | 561             | 9859.1    | 26.2      | 7.5       | 34.9      | 72        | 3.3       | 7635.1    | 0         | 1728.1    | 718.3     | 152.3     | 7.4       | 0.6       | 81.6     | 4.2       | 716       | 1072      | 43230     | 2.38      | 0.10       | 11.99% | 7.28       |
| DD013A  | DD013A-618 | 561               | 562             | 11744     | 28.4      | 9.3       | 39.8      | 81.5      | 4.1       | 9285.5    | 0         | 2018.7    | 846.3     | 183.4     | 8.2       | 0.6       | 93.3     | 4.3       | 1247      | 1354      | 41290     | 2.85      | 0.18       | 11.73% | 6.96       |
| DD013A  | DD013A-619 | 562               | 563             | 9620.3    | 26.5      | 9.5       | 35.9      | 72.6      | 3.7       | 7457.6    | 0         | 1798.2    | 725.9     | 166.3     | 7.4       | 0.8       | 87.3     | 5.2       | 1568      | 1245      | 44400     | 2.34      | 0.22       | 12.57% | 7.48       |
| DD013A  | DD013A-620 | 563               | 564             | 9390      | 22.8      | 7         | 37.4      | 75.1      | 3         | 7436      | 0         | 1688.2    | 691.1     | 162.2     | 7.2       | 0.6       | 73.8     | 4.3       | 1500      | 840       | 34130     | 2.30      | 0.21       | 12.10% | 5.75       |
| DD013A  | DD013A-621 | 564               | 565.5           | 4809.8    | 23.6      | 7.8       | 34        | 70.8      | 3.3       | 3182.3    | 0         | 1148.1    | 404.5     | 135.7     | 6.9       | 0.8       | 84.9     | 4.9       | 2077      | 146       | 22710     | 1.16      | 0.30       | 15.60% | 3.83       |

## Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

| Criteria                     | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sampling techniques</b>   | <p><i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g.submarine nodules) may warrant disclosure of detailed information.</i></p> | <p>Diamond core was logged both for geological and mineralised structures as noted above with all 2025-2026 drilling geotechnically logged. The core was then cut in half using a diamond brick cutting saw on 1m intervals. Typically, the core was sampled to geological intervals as defined by the geologist within the even two metre sample intervals utilised. The right-hand side of the core was always submitted for analysis with the left side being stored in trays on site.</p> <p>Diamond core was logged both for geological and mineralised structures. The core was then cut in half using a diamond brick cutting saw on 1m intervals. Typically, the core was sampled to geological intervals as defined by the geologist within the even two metre sample intervals utilised. The right-hand side of the core was always submitted for analysis with the left side being stored in trays on site.</p> <p>All data is sourced from 2025 drilling which implemented industry and best practice QAQC program, to provide verification of the sample procedure, the sample preparation and the analytical precision and accuracy of the primary laboratory.</p> <p>Sampling and QAQC procedures were carried out to industry standards.</p> <p>Sample preparation was completed by independent international accredited laboratories. Following cutting or splitting, the samples were bagged by the independent lab in Namibia and then sent to the Jinning Lab in Western Australia (a NATA accredited Australian lab) for preparation and assaying.</p> |
| <b>Drilling techniques</b>   | <p><i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>All drilling was completed by industry standard triple tube diamond drilling.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Drill sample recovery</b> | <p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>All 2025-26 holes have recoveries above 95% in the majority of the mineralised areas.</p> <p>No relationship exists between sample recovery and grade</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Criteria                                             | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Logging</b>                                       | <p><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>                                                                                                                                                                                                                                                                                                           | <p>All drillholes are logged and stored at a Aldoro local facility. All core (100%) is logged in detail. Geology logging is qualitative.</p> <p>The digitised logs of the drill programme are appropriate to inform geological interpretation of the results.</p> <p>Photography and recovery measurements were carried out by assistants under a geologist's supervision.</p> <p>All drill holes were logged in full.</p> <p>Logging was qualitative and quantitative in nature.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Subsampling techniques and sample preparation</b> | <p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</i></p> <p><i>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.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p> | <p>NTW core was cut in half using a core saw. Typically, the core was sampled to major geological intervals as defined by the geologist initially within the even 1m. All samples were collected from the same side of the core.</p> <p>Sampling of diamond core used industry standard techniques. After drying the sample is subject to a primary crush to 2mm. Sample is split through a riffle splitter until 250gm is left (this involves 4-5 splits through the riffle splitter).</p> <p>The 250-gm sample is milled through an LM5 using a single puck to 90% &lt;75 micron.</p> <p>Milled sample is homogenised through a matt roll with a 150gm routine sample collected using a spoon around the quadrants and sent to MSA and Intertek for analysis.</p> <p>Field QC procedures involved the use of two types of certified reference materials (1 in 20) which is certified by Geostats Ltd,</p> <p>Primary DD duplicate: Generated by cutting the remaining half core into a ¼ and sampled.</p> <p>Coarse blank samples: Inserted 1 in every 20 samples</p> <p>Sample sizes are considered appropriate to cover the variation in textures from aphanitic to porphyritic to minimise any grainsize bias with larger NTW core used and the prep sample being sufficiently large to overcome textural bias.</p> |
| <b>Quality of assay data and laboratory tests</b>    | <p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>The NB Namibian Lab completed the sample preparation including crushing and pulverisation after drying at 80deg C. Subsequently these samples are sent to the Australian Lab (Jinning Testing and Inspection) for analysis.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| Criteria                                     | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                 | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | <p><i>the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <p><i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i></p> | <p>Due to the refraction nature of REE's a Fusion technique was used for all analyses.</p> <p>The samples were fused in a furnace (~650°C.) with Sodium Peroxide in a nickel crucible. The melt is dissolved in dilute Hydrochloric acid and the solution analysed. This technique provides almost complete dissolution of most minerals including silicates with the elements finished by ICP_OES for majors and ICP-MS for trace elements.</p> <p>A definitive QAQC program was implemented to provide verification of the sample procedure, the sample preparation and the analytical precision and accuracy of the primary laboratory, which includes the following:</p> <p>Certified Reference Material (CRM) samples: 2 (two) types of standards sourced from OREAS Ltd. were inserted 1 in every 20 samples</p> <p>Coarse blank samples: Inserted 1 in every 20 samples to monitor cross contamination</p> <p>A blank sample and crusher and pulp duplicate sample were inserted for every hole. The laboratory also inserted QAQC samples, including laboratory standards and CRMs.</p> <p>Overall, 12.5% of the samples submitted to the primary assay lab were QAQC samples. The QAQC procedures undertaken show that returned results are within acceptable limits.</p> <p>Results are considered as acceptable by the Competent Person and the drill samples are considered to be suitable for reporting of exploration results.</p> |
| <b>Verification of sampling and assaying</b> | <p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>              | <p>Geological logs are digitally entered into data entry templates in MS Excel.</p> <p>Assay certificates were received from the NATA approved analytical laboratories and imported into the drill database.</p> <p>No adjustments have been made to the data other than conversion to oxides using standard stoichiometry conversion factors.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Location of data points</b>               | <p><i>Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p> <p><i>Specification of the grid system used.</i></p>                                                                                                                          | <p>Diamond drilling collar data have been located with high precision survey tool. The resultant locations are appropriate for resource estimation.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Criteria                                                       | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                             | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                | <i>Quality and adequacy of topographic control.</i>                                                                                                                                                                                                                                                                                                                                               | Down-hole surveying of dip and azimuth (true) for diamond holes was conducted using an 'Axis' a reflex camera.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Data spacing and distribution</b>                           | <p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <p><i>Whether sample compositing has been applied.</i></p>                            | <p>Drill holes are done on a radial arc from multiple access points due to the steep high relief and not standard pattern drilling. This approach is considered sufficient for resources estimation especially with the increasing number of holes. Sampling down hole is consistent with conventional methodology with assay continuous down hole at regular 1m or less intervals.</p> <p>Sample compositing was not carried out.</p>                                                                                                                    |
| <b>Orientation of data in relation to geological structure</b> | <p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p> | <p>At this stage with a second phase of drilling increasing knowledge and understanding of the lithologies, their mineralisation style and distribution becoming is increasing understood in detail. The mineralisation is lithologically controlled over structural control governed by increasing high iron levels.</p> <p>The drilling crosscuts the mineralised beforite dykes and sovitic cores and is therefore not biased towards specific phases if the intrusion as evidenced in the assays which reveal the REE and Nb rich zones downhole.</p> |
| <b>Sample security</b>                                         | <i>The measures taken to ensure sample security.</i>                                                                                                                                                                                                                                                                                                                                              | <p>Half core was secured, covered and transported to the NB Namibia lab for core cutting facility securely bagged, A pulp fraction was sent to the Australian Lab for assay.</p> <p>All transport was overseen by either company staff, to the initial sample prep lab, and subsequently by independent personnel.</p>                                                                                                                                                                                                                                    |
| <b>Audits or reviews</b>                                       | <i>The results of any audits or reviews of sampling techniques and data.</i>                                                                                                                                                                                                                                                                                                                      | No audits or reviews of sampling techniques and data have been carried out.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Section 2: Reporting of Exploration Results

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

| Criteria                                       | JORC Code explanation                                                                                                                                                                                                                                                               | Commentary                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mineral tenement and land tenure status</b> | <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> | The Competent Person is aware the Namibian Ministry of Mines and Energy approved the transfer of the Kameelburg Project's Exclusive Prospecting Licenses (EPL 7372, 7373 and 7895) from Logan Exploration & Investments CC to the Aldoro JV operating company Kameelburg Exploration Mining |

| Criteria                                 | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Commentary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (Pty) Ltd.<br>The Competent Person is unaware of any impediments for ongoing exploration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Exploration done by other parties</b> | <i>Acknowledgment and appraisal of exploration by other parties.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Limited exploration work has been completed by previous owners, with all rock chips and soil sampling previously reporting publicly.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Geology</b>                           | <i>Deposit type, geological setting and style of mineralisation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | The mineralisation style being sought at carbonate hosted REE and Nb, associated with magnetite. The style of mineralisation is interpreted to be similar to the Niobec Saint Honore deposit in Canada.<br>The Kameelburg Project is located in the northern Central Damara Orogenic Belt in Namibia and covers the Cretaceous Kameelburg Carbonatite plug and associated radial dykes intruding precursor syenites in the older host Neoproterozoic marbles and schists. The plug is approximately 1.4km in diameter and rises up to 275m above the surrounding peneplain. The intrusion consists of an initial pre-cursor phase of nepheline syenite/syenite followed by two sovit and three beforite phases with remanent rafts of volcanic breccia and syenite, the vestiges of earlier intrusive phases. The country rock consists of marbles, quartzite's, mica schists of the Damara Supergroup. Rare earth metals are known to occur in all five phases with higher concentrations in the more magnesium and iron rich beforites. |
| <b>Drillhole information</b>             | <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:<br/>easting and northing of the drillhole collar<br/>elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar<br/>dip and azimuth of the hole<br/>downhole 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.</i> | Provided in the main body of the release.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Data aggregation methods</b>          | <i>In reporting Exploration Results, weighting averaging 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 incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i>                                                                                                                                                                                                         | The exploration results are reported above using a 1% TREO cutoff grade and a 0.2% Nb <sub>2</sub> O <sub>5</sub> cutoff as noted in the main body of the release.<br><br>No sample weighting was applied, nor high grade cuts. Only interval length weighting applied, down hole mineralisation is a weighted average using the cut- offs above to the data in Appendix 1, see bold highlights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Criteria                                                                | JORC Code explanation                                                                                                                                                                                                                                                                                                                                                                                                | Commentary                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                         | <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                          |
| <b>Relationship between mineralisation widths and intercept lengths</b> | <p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'downhole length, true width not known').</i></p> | <p>No relationship has been established at present due to the early stage of exploration.</p> <p>With additional exploration this will be reviewed.</p> <p>All widths are downhole with the true widths not reported.</p>                                                                                |
| <b>Diagrams</b>                                                         | <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.</i>                                                                                                                                             | Maps and sections in body of text                                                                                                                                                                                                                                                                        |
| <b>Balanced reporting</b>                                               | <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>                                                                                                                                                                                     | Only pertinent results are included given the scope of this announcement                                                                                                                                                                                                                                 |
| <b>Other substantive exploration data</b>                               | <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>                         | No material information has been withheld for the project.                                                                                                                                                                                                                                               |
| <b>Further work</b>                                                     | <p><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>                                                 | <p>The continuation of drilling programme is planned as per the drill collar table presented in this report. The drilling programme is designed to contribute towards an updated MRE with increased confidence from the maiden report.</p> <p>Diagrams are provided in the main body of the release.</p> |