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# EXPLORATION UPDATE

4 April 2025

## HIGHLIGHTS

- **Significant results returned from Egmont drilling**
- **Confirmed mineralised extension to the current JORC (2012) resource.**

Audalia Resources Limited (ASX: **ACP**) is pleased to present its exploration update at the Egmont prospect within the Medcalf Project.

## MEDCALF PROJECT

The Medcalf Project is a vanadium-titanium-iron project located some 470 kilometres south east of Perth near Lake Johnston, Western Australia. The Medcalf Project comprises of one granted exploration licence E63/1855, two miscellaneous licences L63/75 and L63/94 and two General Purpose licences G63/10 and G63/12 as well as mining lease M63/656. Together these licences cover a total area of 38 km$^2$.

The Medcalf Project lies in the southern end of the Archaean Lake Johnston greenstone belt. This greenstone belt is a narrow, north-northwest trending belt approximately 110 km in length. It is located near the south margin of the Yilgarn Craton, midway between the southern ends of the Norseman-Wiluna and the Forrestania-Southern Cross greenstone belts.

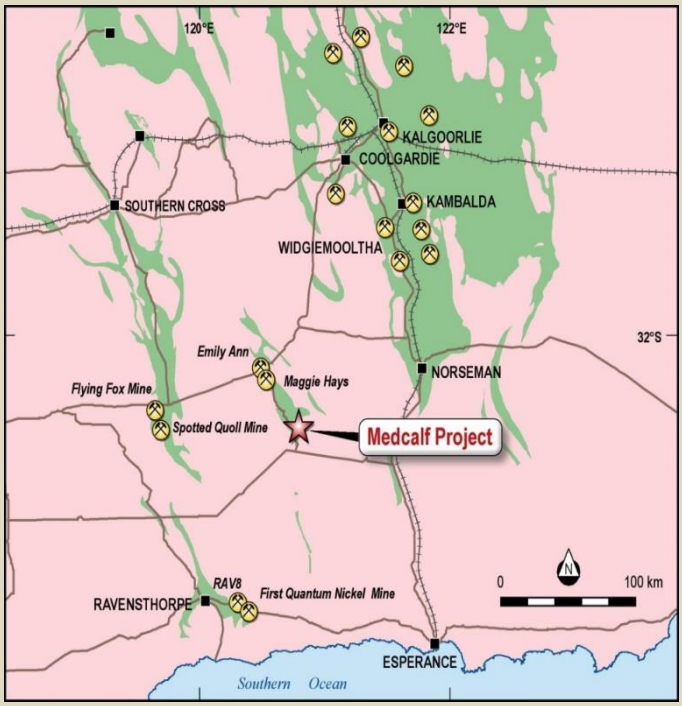


**Figure 1: Medcalf Project - Location Map**

### Exploration Update

During the December quarter, a RC drill programme was completed at the Egmont prospect. A total of 28 holes were drilled for 946m (Appendix 1).

The step-out programme on a 60m by 60m drill pattern from the 2022 JORC resource was successful in delineating the pyroxenite over a 250m strike length that contains the vanadium, titanium and iron mineralisation (Figure 2 and Figure 3).

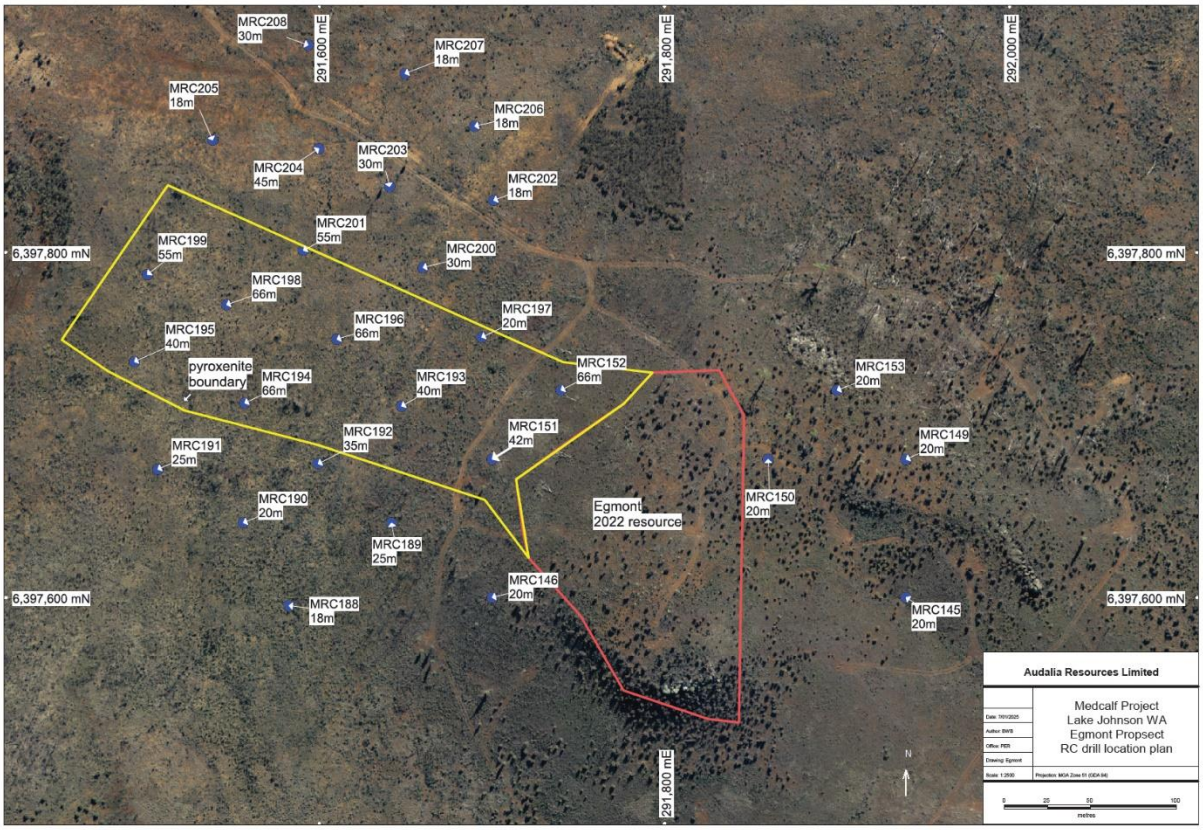


Figure 2 – Egmont drill hole plan

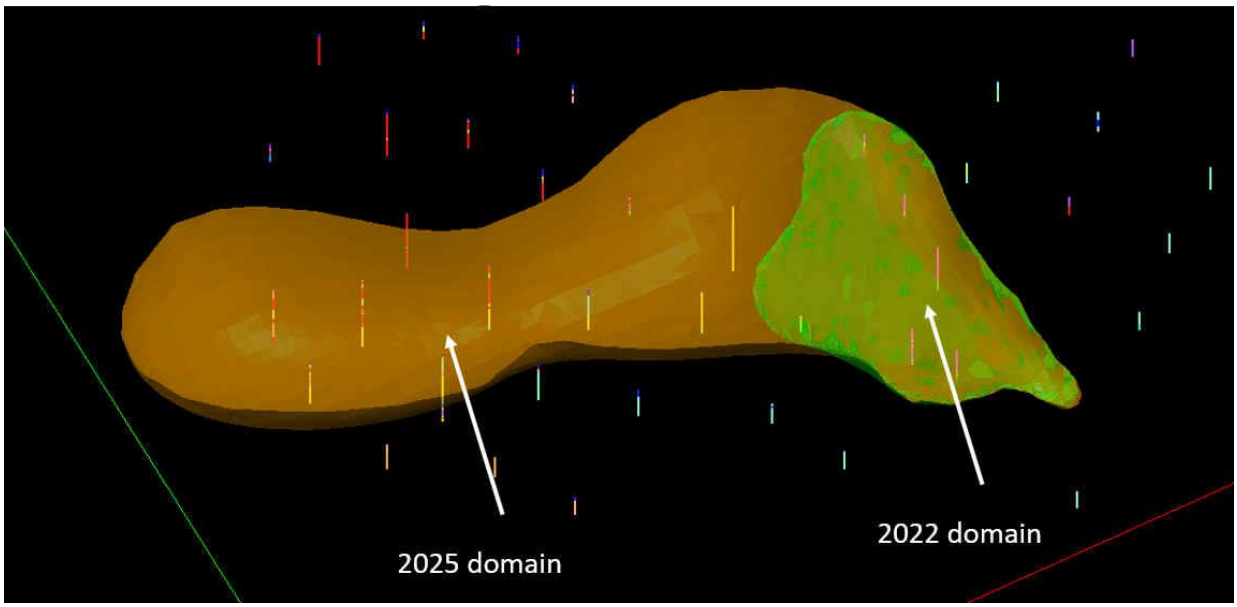


Figure 3 – Egmont plan viewing looking NNW

Samples were taken from every metre and duplicates, blanks and standards were inserted at every 20 metre interval. Samples from the pyroxenite were sent to Intertek for analysis. A total of 500 samples including a total of 39 QAQC samples of 13 duplicates, 13 blanks and 13 standards were analysed via the Intertek vanadium package.

Significant results returned are highlighted in Table 1 below and reflected in block model cross sections in Figure 4. See Appendix 2 for a full set of results. All holes were drilled vertically.

| Hole | From | To | Width (m) | $Tio_2$% | $V_2O_5$% | $Fe_2O_3$% |
|---|---|---|---|---|---|---|
| MRC151 | 0 | 40 | 40 | 7.93 | 0.39 | 40.07 |
| ***incl*** | 2 | 14 | 12 | 8.59 | 0.4 | 40.32 |
| ***ncl*** | 33 | 40 | 7 | 8.16 | 0.45 | 42.39 |
| MRC152 | 0 | 66 | 66 | 7.53 | 0.38 | 38.42 |
| ***incl*** | 49 | 66 | 18 | 11.2 | 0.6 | 56.29 |
| MRC193 | 34 | 40 | 6 | 7.8 | 0.34 | 36.12 |
| MRC194 | 29 | 34 | 5 | 6.09 | 0.23 | 27.11 |
| MRC195 | 0 | 3 | 3 | 5.16 | 0.09 | 14.17 |
| MRC196 | 57 | 61 | 4 | 4.85 | 0.25 | 31.22 |
| MRC197 | 8 | 17 | 9 | 5.12 | 0.18 | 23.49 |
| MRC198 | 61 | 66 | 5 | 7.32 | 0.31 | 34.7 |
| MRC199 | 0 | 55 | 55 | 4.84 | 0.1 | 16.61 |
| ***incl*** | 31 | 36 | 5 | 6.65 | 0.18 | 25.53 |

Table 1 – Significant results from Egmont drilling

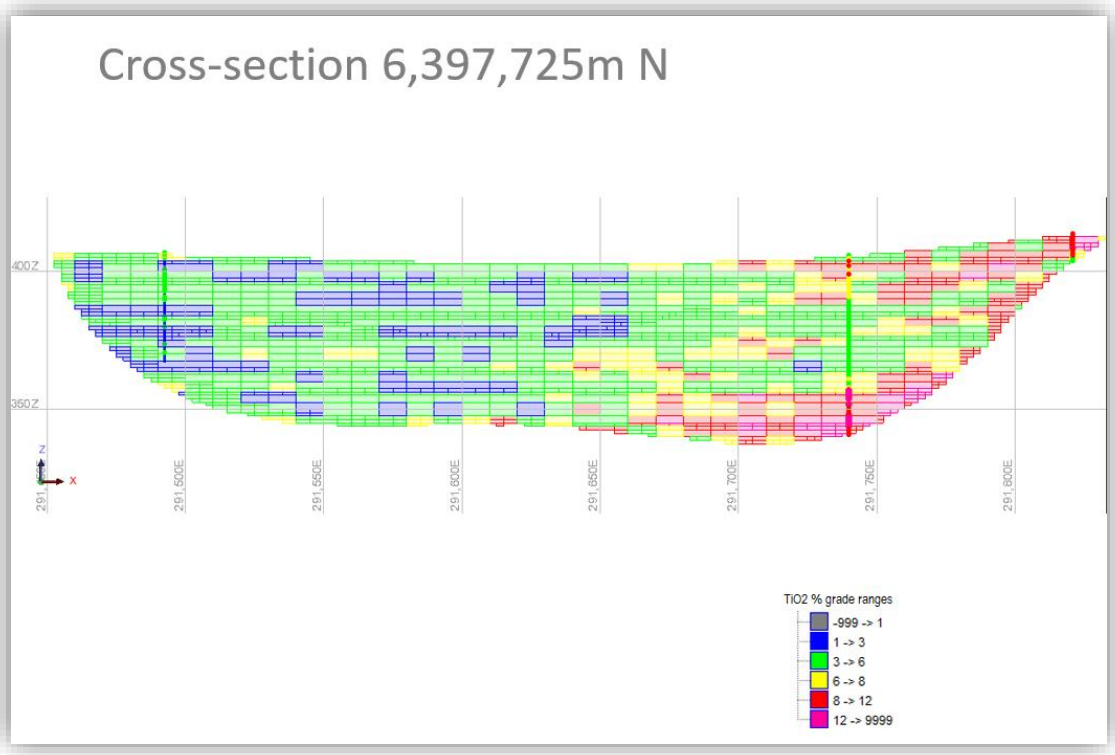


Figure 4- Egmont block model cross section 6,397,725mN

Cube Consulting is currently working on an updated Mineral Resource Estimate for the Egmont prospect. Infill drilling is expected to commence at the end of the month on the Vesuvius, Fuji and Pinatubo prospects. The drill programme will consist of 41 RC holes for 1,255m.

Once the drilling is completed, Cube will be engaged to update the Mineral Resource Estimates for these deposits.

This announcement was authorised to be given to ASX by the Board of Directors of Audalia Resources Limited.

**Authorised by:**

**Brent Butler**
***CEO and Executive Director***

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**Competent Persons Statement**

The information in this report that relates to the Exploration Results is based on information compiled by Mr Brent Butler, who is a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Butler over 40 years' experience as a geologist and is CEO and Executive Director of Audalia. Mr Butler has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr Butler has provided his consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# Appendix 1

# Egmont drill hole collars

| HOLE ID | MGA94 EAST | MGA94 NORTH | AHD RL | Depth (m) | Azimuth | Dip | Drill Co. | Rig Type | Geologist | Date Start | Date End |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MRC145 | 291,940.00 | 6,397,600.00 | 397.00 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC146 | 291,700.00 | 6,397,600.00 | 404.50 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC149 | 291,940.00 | 6,397,680.00 | 406.40 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC150 | 291,860.00 | 6,397,680.00 | 415.50 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC151 | 291,700.00 | 6,397,680.00 | 405.50 | 42.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC152 | 291,740.00 | 6,397,720.00 | 406.30 | 66.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC153 | 291,900.00 | 6,397,720.00 | 410.80 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC188 | 291,580.70 | 6,397,601.00 | 398.35 | 18.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC189 | 291,641.76 | 6,397,643.25 | 401.00 | 25.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 1/12/2024 | 1/12/2024 |
| MRC190 | 291,553.82 | 6,397,641.93 | 401.37 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC191 | 291,506.22 | 6,397,674.17 | 404.50 | 25.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC192 | 291,601.76 | 6,397,681.87 | 401.86 | 35.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC193 | 291,647.30 | 6,397,710.55 | 401.88 | 40.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC194 | 291,558.88 | 6,397,710.26 | 405.25 | 66.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 29/11/2024 | 29/11/2024 |
| MRC195 | 291,492.54 | 6,397,736.94 | 408.06 | 40.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 29/11/2024 | 29/11/2024 |
| MRC196 | 291,607.86 | 6,397,749.78 | 406.70 | 66.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC197 | 291,694.17 | 6,397,752.24 | 406.64 | 20.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC198 | 291,542.21 | 6,397,770.60 | 407.64 | 66.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 29/11/2024 | 29/11/2024 |
| MRC199 | 291,497.60 | 6,397,787.42 | 408.64 | 55.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 29/11/2024 | 29/11/2024 |
| MRC200 | 291,661.26 | 6,397,789.16 | 403.48 | 30.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC201 | 291,583.46 | 6,397,797.64 | 407.42 | 55.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC202 | 291,701.00 | 6,397,830.00 | 401.60 | 18.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC203 | 291,641.56 | 6,397,837.01 | 402.22 | 30.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 30/11/2024 | 30/11/2024 |
| MRC204 | 291,605.07 | 6,397,860.88 | 402.91 | 45.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC205 | 291,538.56 | 6,397,869.25 | 407.39 | 18.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 27/11/2024 | 27/11/2024 |
| MRC206 | 291,690.64 | 6,397,871.76 | 403.95 | 18.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 28/11/2024 | 28/11/2024 |
| MRC207 | 291,649.40 | 6,397,902.62 | 402.35 | 18.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 27/11/2024 | 27/11/2024 |
| MRC208 | 291,595.66 | 6,397,920.25 | 407.66 | 30.00 | 0.00 | -90.00 | Redrock | Hydco 40 | TWT | 27/11/2024 | 27/11/2024 |
| **Total** | **28** | **holes** | **for** | **946** | **metres** | | | | | | |

# Appendix 2

# Egmont assays

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC151 | MD8775 | 0 | 1 | 6.15 | 0.396 | 45.41 | 22.8 | 8.46 | 0.28 | 5.42 | 0.033 | 1.64 | 0.52 | 0.18 | 0.012 | 0.009 | X | X | 2049.9 | 9.06 |
| MRC151 | MD8776 | 1 | 2 | 6.25 | 0.279 | 31.46 | 35.37 | 10.25 | 0.19 | 4.25 | 0.085 | 4.18 | 0.6 | 1.15 | 0.014 | 0.012 | X | 0.01 | 573.8 | 5.77 |
| MRC151 | MD8777 | 2 | 3 | 8.21 | 0.382 | 38.1 | 30.77 | 7.21 | 0.23 | 5.37 | 0.018 | 6.33 | 0.2 | 0.61 | 0.017 | X | X | X | 2303 | 1.79 |
| MRC151 | MD8778 | 3 | 4 | 8.9 | 0.407 | 40.56 | 30.51 | 6.87 | 0.24 | 4.65 | 0.021 | 5.62 | 0.18 | 0.55 | 0.017 | X | X | X | 2366.7 | 2.12 |
| MRC151 | MD8779 | 4 | 5 | 8.65 | 0.405 | 40.01 | 30.62 | 6.64 | 0.24 | 4.91 | 0.022 | 5.85 | 0.16 | 0.55 | 0.019 | X | X | X | 2726.3 | 2.01 |
| MRC151 | MD8780 | 5 | 6 | 8.72 | 0.408 | 40.47 | 29.56 | 7 | 0.24 | 4.77 | 0.026 | 5.67 | 0.14 | 0.47 | 0.016 | X | X | X | 3147.3 | 2.27 |
| MRC151 | MD8781 | 6 | 7 | 8.62 | 0.403 | 40.89 | 29.75 | 6.67 | 0.24 | 4.95 | 0.023 | 5.44 | 0.24 | 0.53 | 0.019 | X | X | X | 2063.4 | 2.41 |
| MRC151 | MD8782 | 7 | 8 | 8.78 | 0.407 | 42.22 | 29.84 | 6.4 | 0.24 | 4.33 | 0.025 | 5.28 | 0.16 | 0.51 | 0.02 | X | X | X | 5088 | 2.39 |
| MRC151 | MD8783 | 8 | 9 | 8.78 | 0.405 | 40.96 | 28.51 | 6.77 | 0.23 | 4.65 | 0.018 | 5.65 | 0.12 | 0.49 | 0.017 | X | X | X | 3594.2 | 2.51 |
| MRC151 | MD8784 | 9 | 10 | 8.48 | 0.393 | 41.04 | 29.15 | 6.44 | 0.23 | 5.17 | 0.015 | 6.2 | 0.16 | 0.53 | 0.02 | X | X | X | 2590.6 | 1.87 |
| MRC151 | MD8785 | 10 | 11 | 8.75 | 0.405 | 40.65 | 28.76 | 6.48 | 0.23 | 5.13 | 0.011 | 6.17 | 0.14 | 0.52 | 0.017 | X | X | X | 2766.1 | 1.94 |
| MRC151 | MD8786 | 11 | 12 | 8.65 | 0.393 | 40.79 | 29.14 | 6.52 | 0.24 | 5.72 | 0.01 | 6.7 | 0.13 | 0.49 | 0.019 | X | X | X | 2284.7 | 1.55 |
| MRC151 | MD8787 | 12 | 13 | 8.29 | 0.385 | 39.51 | 30.23 | 6.47 | 0.24 | 6.41 | 0.013 | 7.03 | 0.16 | 0.48 | 0.02 | X | X | X | 2273.9 | 1.07 |
| MRC151 | MD8788 | 13 | 14 | 8.28 | 0.384 | 38.6 | 30.23 | 6.48 | 0.25 | 6.02 | 0.009 | 6.89 | 0.22 | 0.51 | 0.019 | X | X | X | 2887.6 | 1.37 |
| MRC151 | MD8789 | 14 | 15 | 7.01 | 0.333 | 34.14 | 34.38 | 5.33 | 0.26 | 7.37 | 0.007 | 8.55 | 0.19 | 0.48 | 0.018 | X | X | X | 3055.4 | 1.23 |
| MRC151 | MD8790 | 15 | 16 | 6.85 | 0.319 | 34.91 | 34.26 | 5.04 | 0.26 | 7.65 | 0.006 | 9.06 | 0.17 | 0.44 | 0.019 | X | X | X | 2111.3 | 0.7 |
| MRC151 | MD8791 | 16 | 17 | 7.44 | 0.36 | 37.46 | 32.19 | 4.96 | 0.26 | 7.05 | 0.009 | 8.77 | 0.17 | 0.47 | 0.018 | X | X | X | 3376.7 | 1.01 |
| MRC151 | MD8792 | 17 | 18 | 7.41 | 0.35 | 36.67 | 32.58 | 4.97 | 0.25 | 7.13 | 0.007 | 8.68 | 0.15 | 0.51 | 0.018 | X | X | X | 1941.8 | 0.88 |
| MRC151 | MD8793 | 18 | 19 | 7.8 | 0.37 | 37.63 | 32.28 | 5.04 | 0.25 | 7.06 | 0.006 | 8.29 | 0.14 | 0.47 | 0.017 | X | X | X | 5523.1 | 0.86 |
| MRC151 | MD8794 | 19 | 20 | 7.33 | 0.348 | 35.87 | 33.85 | 5.46 | 0.25 | 7.17 | 0.013 | 8.2 | 0.15 | 0.58 | 0.018 | X | X | X | 3524.5 | 1.19 |
| MRC151 | MD8795 | Blank | silica | 0.03 | X | 0.87 | 98.88 | 0.05 | X | 0.03 | X | 0.03 | X | 0.02 | X | X | X | X | 593.5 | -0.06 |
| MRC151 | MD8796 | **GV01 STD** | **14.1** | 14.09 | 1.238 | 69.71 | 4.4 | 5.69 | 0.14 | 0.09 | 0.065 | 1.33 | 0.01 | 0.02 | 0.039 | 0.726 | X | X | 10.7 | 2.19 |
| MRC151 | MD8797 | Dup | 19-20 | 6.76 | 0.321 | 33.68 | 35.03 | 5.87 | 0.24 | 7.34 | 0.018 | 8.02 | 0.18 | 0.65 | 0.016 | X | X | X | 4201 | 1.2 |
| MRC151 | MD20108 | 20 | 21 | 7.68 | 0.368 | 38.01 | 32.02 | 4.95 | 0.27 | 6.89 | 0.005 | 8.62 | 0.13 | 0.48 | 0.019 | X | X | X | 2957.2 | 0.75 |
| MRC151 | MD20109 | 21 | 22 | 7.82 | 0.371 | 38.61 | 32.09 | 4.88 | 0.26 | 6.63 | 0.007 | 8.2 | 0.21 | 0.48 | 0.019 | X | X | X | 5085.1 | 1.04 |
| MRC151 | MD20110 | 22 | 23 | 7.42 | 0.352 | 36.99 | 32.12 | 4.94 | 0.25 | 6.71 | 0.005 | 8.15 | 0.37 | 0.47 | 0.019 | X | X | X | 1762.1 | 1.4 |
| MRC151 | MD20111 | 23 | 24 | 7.87 | 0.384 | 39.73 | 30.59 | 4.87 | 0.28 | 6.07 | 0.009 | 7.92 | 0.15 | 0.52 | 0.019 | X | X | X | 3126.1 | 0.96 |
| MRC151 | MD20112 | 24 | 25 | 7.67 | 0.359 | 36.67 | 33.43 | 5.27 | 0.29 | 6.4 | 0.009 | 7.83 | 0.17 | 0.6 | 0.018 | X | X | X | 4701.7 | 1.43 |
| MRC151 | MD20113 | 25 | 26 | 5.71 | 0.265 | 29.93 | 39.44 | 5.6 | 0.24 | 7.61 | 0.01 | 9.04 | 0.33 | 0.7 | 0.016 | X | X | X | 2986.3 | 1.63 |
| MRC151 | MD20114 | 26 | 27 | 6.45 | 0.307 | 32.96 | 35.45 | 5.32 | 0.25 | 8.34 | 0.011 | 8.71 | 0.16 | 0.58 | 0.016 | X | X | X | 2940.1 | 0.97 |
| MRC151 | MD20115 | 27 | 28 | 6.45 | 0.309 | 30.86 | 35.98 | 5.25 | 0.25 | 10.22 | 0.009 | 9.33 | 0.13 | 0.51 | 0.012 | X | X | X | 3180.5 | 0.87 |
| MRC151 | MD20116 | 28 | 29 | 6.79 | 0.319 | 34.71 | 33.79 | 4.94 | 0.26 | 8.61 | 0.009 | 8.6 | 0.14 | 0.53 | 0.015 | X | X | X | 2126.5 | 1.25 |
| MRC151 | MD20117 | 29 | 30 | 6.9 | 0.325 | 34.11 | 35.04 | 5.23 | 0.26 | 7.77 | 0.012 | 8.53 | 0.15 | 0.58 | 0.018 | X | X | X | 2279.5 | 0.78 |
| MRC151 | MD20118 | 30 | 31 | 6.49 | 0.306 | 32.54 | 36.37 | 5.17 | 0.25 | 8.07 | 0.016 | 9.38 | 0.15 | 0.57 | 0.017 | X | X | X | 4688.3 | 0.7 |
| MRC151 | MD20119 | 31 | 32 | 6.38 | 0.301 | 31.69 | 37.02 | 5.22 | 0.26 | 7.51 | 0.012 | 9.07 | 0.44 | 0.6 | 0.016 | X | X | X | 3834.7 | 1.35 |
| MRC151 | MD20120 | 32 | 33 | 1.98 | 0.109 | 28.69 | 20.72 | 3.28 | 0.25 | 12.8 | 0.507 | 11.11 | 0.39 | 0.61 | 0.008 | X | X | X | 2122 | 19.91 |
| MRC151 | MD20121 | 33 | 34 | 10.35 | 0.553 | 52.53 | 16.05 | 5.39 | 0.29 | 2.9 | 2.397 | 8.1 | 0.08 | 0.15 | 0.028 | 0.017 | X | X | 6657.1 | 2.82 |
| MRC151 | MD20122 | 34 | 35 | 4.69 | 0.245 | 30.78 | 32.87 | 4.2 | 0.24 | 8.97 | 0.333 | 13.09 | 0.06 | 0.18 | 0.015 | 0.138 | X | X | 4168.1 | 3.79 |
| MRC151 | MD20123 | 35 | 36 | 8.11 | 0.463 | 46.55 | 23.54 | 4.73 | 0.29 | 4.57 | 0.344 | 10.17 | 0.03 | 0.1 | 0.022 | 0.06 | X | X | 1839.2 | 0.63 |
| MRC151 | MD20124 | 36 | 37 | 11.24 | 0.621 | 59.53 | 12.42 | 5.48 | 0.29 | 1.67 | 0.294 | 7.88 | 0.03 | 0.07 | 0.031 | 0.019 | X | X | 3683.6 | 0.79 |
| MRC151 | MD20125 | 37 | 38 | 13.57 | 0.744 | 67.68 | 6.79 | 3.93 | 0.3 | 0.62 | 0.299 | 6.22 | 0.01 | 0.01 | 0.031 | 0.011 | X | X | 6694.3 | 0 |
| MRC151 | MD20126 | Blank | silica | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na |
| MRC151 | MD20127 | **STD** | | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na | na |
| MRC151 | MD20128 | Dup | 37-38 | 13.38 | 0.725 | 66.11 | 6.92 | 4.05 | 0.3 | 0.7 | 0.309 | 6.46 | 0.02 | 0.02 | 0.03 | 0.014 | X | X | 2699.2 | 0.34 |
| MRC151 | MD20129 | 38 | 39 | 12.41 | 0.699 | 64.53 | 8.39 | 3.6 | 0.29 | 0.99 | 0.312 | 7.29 | 0.08 | 0.05 | 0.032 | 0.044 | X | X | 1760.4 | 1.71 |
| MRC151 | MD20130 | 39 | 40 | 11.82 | 0.65 | 58.41 | 8.73 | 3.84 | 0.31 | 3.01 | 0.355 | 8.18 | 0.02 | 0.05 | 0.031 | 0.102 | X | X | 1891.5 | 4.02 |
| MRC151 | MD20131 | 40 | 41 | 1.9 | 0.092 | 23.96 | 37.4 | 3.57 | 0.24 | 8.55 | 0.014 | 15.34 | 0.04 | 0.2 | 0.013 | 0.117 | X | X | 4532.2 | 8.26 |
| MRC151 | MD20132 | 41 | 42 | 1.45 | 0.066 | 19.1 | 42.31 | 6.48 | 0.23 | 7.61 | 0.009 | 18.19 | 0.04 | 0.17 | 0.011 | 0.111 | X | X | 2132.6 | 4.07 |
| MRC152 | MD8752 | 0 | 1 | 4.54 | 0.273 | 43.4 | 31.66 | 8.28 | 0.28 | 1.13 | 0.05 | 3.15 | 0.24 | 0.46 | 0.018 | 0.329 | X | X | 1051.2 | 5.82 |
| MRC152 | MD8753 | 1 | 2 | 7.97 | 0.38 | 40.08 | 31.03 | 6.71 | 0.22 | 4.11 | 0.072 | 5.4 | 0.1 | 0.43 | 0.018 | 0.022 | X | X | 4759.2 | 3.09 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC152 | MD8754 | 2 | 3 | 8.39 | 0.41 | 41.02 | 30.84 | 5.16 | 0.22 | 4.39 | 0.031 | 5.99 | 0.05 | 0.34 | 0.018 | 0.007 | X | X | 3778 | 2.39 |
| MRC152 | MD8755 | 3 | 4 | 7.95 | 0.388 | 40.75 | 31.43 | 5.24 | 0.24 | 4.93 | 0.036 | 6.32 | 0.06 | 0.31 | 0.016 | 0.006 | X | X | 4262.1 | 2.23 |
| MRC152 | MD8756 | 4 | 5 | 8.14 | 0.391 | 40.56 | 31.43 | 5.21 | 0.23 | 5.38 | 0.029 | 6.82 | 0.05 | 0.31 | 0.017 | 0.005 | X | X | 4546.6 | 1.96 |
| MRC152 | MD8757 | 5 | 6 | 7.92 | 0.379 | 39.05 | 32.1 | 5.33 | 0.22 | 4.91 | 0.035 | 6.42 | 0.06 | 0.31 | 0.015 | 0.01 | X | X | 3945.9 | 2.57 |
| MRC152 | MD8758 | 6 | 7 | 7.83 | 0.378 | 40.29 | 30.25 | 5.53 | 0.24 | 5.8 | 0.022 | 7.3 | 0.07 | 0.3 | 0.021 | 0.006 | X | X | 3904.3 | 1.92 |
| MRC152 | MD8759 | 7 | 8 | 8.05 | 0.376 | 38.77 | 31.59 | 5.47 | 0.23 | 5.78 | 0.023 | 7.34 | 0.06 | 0.34 | 0.018 | 0.029 | X | X | 1970.6 | 2.05 |
| MRC152 | MD8760 | 8 | 9 | 7.72 | 0.368 | 39.77 | 30.17 | 5.01 | 0.24 | 6.03 | 0.017 | 7.57 | 0.07 | 0.32 | 0.018 | 0.005 | X | X | 3172.8 | 1.91 |
| MRC152 | MD8761 | 9 | 10 | 7.69 | 0.366 | 38.17 | 31.77 | 5.08 | 0.23 | 6.38 | 0.012 | 7.83 | 0.07 | 0.43 | 0.019 | X | X | X | 3849.8 | 1.58 |
| MRC152 | MD8762 | 10 | 11 | 6.55 | 0.303 | 32.64 | 36.3 | 5.75 | 0.21 | 7.48 | 0.011 | 7.76 | 0.22 | 0.64 | 0.02 | X | X | X | 4335 | 1.63 |
| MRC152 | MD8763 | 11 | 12 | 7.23 | 0.343 | 36.01 | 33.37 | 5.31 | 0.23 | 7.47 | 0.008 | 8.68 | 0.13 | 0.54 | 0.018 | 0.006 | X | X | 4952.8 | 1.08 |
| MRC152 | MD8764 | 12 | 13 | 6.68 | 0.317 | 33.63 | 35.12 | 5.18 | 0.24 | 7.9 | 0.012 | 9.25 | 0.18 | 0.51 | 0.018 | X | X | X | 6444.4 | 0.91 |
| MRC152 | MD8765 | 13 | 14 | 7.17 | 0.336 | 35.66 | 34.61 | 4.77 | 0.24 | 6.55 | 0.011 | 7.95 | 0.17 | 0.49 | 0.017 | 0.005 | X | X | 3897.3 | 1.67 |
| MRC152 | MD8766 | 14 | 15 | 7.35 | 0.346 | 35.31 | 33.55 | 5.09 | 0.26 | 7.09 | 0.006 | 8.47 | 0.27 | 0.54 | 0.021 | X | X | X | 4274.8 | 1.05 |
| MRC152 | MD8767 | 15 | 16 | 6.12 | 0.274 | 28.66 | 38.47 | 6.42 | 0.24 | 8.1 | 0.013 | 9.1 | 0.5 | 0.7 | 0.017 | X | X | X | 5671.4 | 1.57 |
| MRC152 | MD8768 | 16 | 17 | 5.92 | 0.281 | 30.27 | 38.23 | 5.36 | 0.24 | 8.81 | 0.014 | 9.67 | 0.26 | 0.58 | 0.016 | X | X | X | 3702.2 | 0.7 |
| MRC152 | MD8769 | 17 | 18 | 5.53 | 0.262 | 28.8 | 38.66 | 5.46 | 0.24 | 9.9 | 0.012 | 9.76 | 0.22 | 0.59 | 0.015 | X | X | X | 2782.8 | 0.64 |
| MRC152 | MD8770 | 18 | 19 | 5.56 | 0.259 | 28 | 38.27 | 5.34 | 0.24 | 11.37 | 0.011 | 9.92 | 0.19 | 0.52 | 0.015 | X | X | X | 4166 | 0.62 |
| MRC152 | MD8771 | 19 | 20 | 5.8 | 0.273 | 29.71 | 37.89 | 5.32 | 0.24 | 9.39 | 0.018 | 9.72 | 0.22 | 0.54 | 0.016 | 0.013 | X | X | 2397.3 | 0.84 |
| MRC152 | MD8772 | Blank | silica | 0.04 | X | 1.07 | 98.67 | 0.06 | X | 0.05 | X | 0.06 | X | 0.03 | X | X | X | X | 591.3 | -0.12 |
| MRC152 | MD8773 | **GV02 STD** | **9.17** | 9.14 | 0.787 | 49.44 | 19.71 | 11.3 | 0.16 | 2.49 | 0.218 | 2.82 | 0.08 | 0.62 | 0.032 | 0.567 | X | X | 11.7 | 2.76 |
| MRC152 | MD8774 | Dup | 19-20 | 5.61 | 0.262 | 28.78 | 38.52 | 5.39 | 0.24 | 9.31 | 0.01 | 9.91 | 0.23 | 0.55 | 0.016 | 0.006 | X | X | 2640.6 | 0.71 |
| MRC152 | MD20062 | 20 | 21 | 5.68 | 0.272 | 29.15 | 38.54 | 5.36 | 0.25 | 9.15 | 0.01 | 10.1 | 0.2 | 0.54 | 0.015 | X | X | X | 1691 | 0.81 |
| MRC152 | MD20063 | 21 | 22 | 5.27 | 0.259 | 27.77 | 40.48 | 5.08 | 0.22 | 9.26 | 0.005 | 9.45 | 0.17 | 0.53 | 0.014 | X | X | X | 3305 | 1.05 |
| MRC152 | MD20064 | 22 | 23 | 5.13 | 0.238 | 26.94 | 38.5 | 7.8 | 0.23 | 8.53 | 0.086 | 9.3 | 0.22 | 0.67 | 0.014 | X | X | 0.01 | 2978 | 1.56 |
| MRC152 | MD20065 | 23 | 24 | 4.98 | 0.236 | 26.39 | 41.1 | 5.49 | 0.24 | 9.99 | 0.025 | 10.23 | 0.19 | 0.57 | 0.014 | X | X | X | 2229 | 0.85 |
| MRC152 | MD20066 | 24 | 25 | 5.09 | 0.238 | 26.5 | 37.82 | 5.19 | 0.24 | 11.84 | 0.219 | 10.53 | 0.16 | 0.49 | 0.014 | X | X | X | 6829 | 1.97 |
| MRC152 | MD20067 | 25 | 26 | 4.81 | 0.221 | 25.09 | 37.35 | 5.17 | 0.24 | 13.65 | 0.386 | 9.78 | 0.14 | 0.45 | 0.01 | X | X | X | 5022 | 2.21 |
| MRC152 | MD20068 | 26 | 27 | 4.9 | 0.229 | 25.8 | 38 | 5.19 | 0.24 | 13.11 | 0.352 | 10.12 | 0.14 | 0.46 | 0.013 | X | X | X | 4210 | 0.52 |
| MRC152 | MD20069 | 27 | 28 | 5 | 0.235 | 26.4 | 37.92 | 5.22 | 0.24 | 13.11 | 0.371 | 10.05 | 0.14 | 0.46 | 0.014 | X | X | X | 4923.3 | 0.75 |
| MRC152 | MD20070 | 28 | 29 | 4.85 | 0.226 | 25.76 | 37.12 | 5.2 | 0.23 | 13 | 0.355 | 9.91 | 0.15 | 0.48 | 0.013 | 0.008 | X | X | 4695.2 | 2.4 |
| MRC152 | MD20071 | 29 | 30 | 5.19 | 0.248 | 27.2 | 35.87 | 5.64 | 0.23 | 12.94 | 0.402 | 9.6 | 0.13 | 0.48 | 0.015 | 0.01 | X | X | 3746.7 | 2.72 |
| MRC152 | MD20072 | 30 | 31 | 5.65 | 0.266 | 29 | 35.48 | 4.95 | 0.25 | 12.53 | 0.389 | 9.82 | 0.13 | 0.44 | 0.015 | 0.008 | X | X | 3294 | 1.03 |
| MRC152 | MD20073 | 31 | 32 | 5.64 | 0.267 | 29 | 36.02 | 5.07 | 0.25 | 12.71 | 0.395 | 10.01 | 0.12 | 0.4 | 0.016 | 0.007 | X | X | 3362.3 | 0.09 |
| MRC152 | MD20074 | 32 | 33 | 5.68 | 0.267 | 29.07 | 36.26 | 5.03 | 0.25 | 12.71 | 0.398 | 10.03 | 0.12 | 0.42 | 0.015 | 0.007 | X | X | 3602.2 | -0.05 |
| MRC152 | MD20075 | 33 | 34 | 5.56 | 0.262 | 28.74 | 37.07 | 5.1 | 0.25 | 12.97 | 0.378 | 10.2 | 0.12 | 0.42 | 0.015 | 0.005 | X | X | 4398.1 | -0.06 |
| MRC152 | MD20076 | 34 | 35 | 5.64 | 0.263 | 28.61 | 35.62 | 4.98 | 0.25 | 12.21 | 0.393 | 9.77 | 0.11 | 0.39 | 0.015 | 0.005 | X | X | 3556.2 | 1.16 |
| MRC152 | MD20077 | 35 | 36 | 5.5 | 0.255 | 27.95 | 36.87 | 5.17 | 0.22 | 12.23 | 0.16 | 9.67 | 0.07 | 0.29 | 0.022 | 0.006 | X | X | 4265.8 | 1.83 |
| MRC152 | MD20078 | 36 | 37 | 5.49 | 0.238 | 26.93 | 35.93 | 4.98 | 0.24 | 12.79 | 0.398 | 9.79 | 0.1 | 0.37 | 0.013 | X | X | X | 6497.1 | 2.13 |
| MRC152 | MD20079 | 37 | 38 | 5.1 | 0.243 | 26.69 | 38.6 | 5.79 | 0.24 | 11.46 | 0.533 | 9.62 | 0.11 | 0.48 | 0.017 | 0.007 | X | X | 3751.9 | 1.97 |
| MRC152 | MD20080 | 38 | 39 | 4.98 | 0.23 | 25.58 | 38.71 | 5.34 | 0.24 | 11.69 | 0.282 | 10.05 | 0.13 | 0.51 | 0.015 | X | X | X | 3893.9 | 1.79 |
| MRC152 | MD20081 | 39 | 40 | 4.68 | 0.215 | 25.02 | 39.04 | 5.23 | 0.25 | 14.02 | 0.377 | 10.38 | 0.13 | 0.48 | 0.013 | X | X | X | 4447.8 | 0.95 |
| MRC152 | MD20082 | 40 | 41 | 4.58 | 0.21 | 24.27 | 38.42 | 5.09 | 0.23 | 13.63 | 0.364 | 10.14 | 0.13 | 0.45 | 0.013 | X | X | X | 3311.2 | 1.5 |
| MRC152 | MD20083 | 41 | 42 | 4.43 | 0.203 | 23.98 | 39.29 | 5.07 | 0.23 | 12.57 | 0.934 | 10.11 | 0.22 | 0.48 | 0.013 | X | X | X | 2578 | 1.72 |
| MRC152 | MD20084 | 42 | 43 | 5.41 | 0.247 | 27.16 | 35.69 | 5.01 | 0.24 | 11.67 | 0.679 | 9.88 | 0.21 | 0.45 | 0.015 | X | X | X | 6881.9 | 2.57 |
| MRC152 | MD20085 | 43 | 44 | 5.74 | 0.27 | 29.23 | 35.29 | 4.86 | 0.25 | 12.21 | 0.412 | 9.95 | 0.13 | 0.47 | 0.015 | X | X | X | 1822.5 | 1.45 |
| MRC152 | MD20086 | 44 | 45 | 5.71 | 0.267 | 28.86 | 36.4 | 5.04 | 0.25 | 10.81 | 0.5 | 10.28 | 0.16 | 0.48 | 0.015 | X | X | X | 4700.3 | 1.6 |
| MRC152 | MD20087 | 45 | 46 | 6.71 | 0.325 | 32.78 | 33.61 | 5.24 | 0.27 | 8.33 | 1.472 | 10.09 | 0.29 | 0.42 | 0.016 | X | X | X | 2256 | 1.97 |
| MRC152 | MD20088 | 46 | 47 | 5.88 | 0.287 | 30.44 | 36.58 | 5.03 | 0.24 | 9.07 | 0.42 | 10.58 | 0.24 | 0.46 | 0.015 | X | X | X | 2219.3 | 0.71 |
| MRC152 | MD20089 | 47 | 48 | 5.81 | 0.283 | 29.75 | 34.94 | 4.89 | 0.24 | 11.19 | 0.344 | 9.96 | 0.22 | 0.44 | 0.015 | X | X | X | 2639.4 | 1.75 |
| MRC152 | MD20090 | 48 | 49 | 6.29 | 0.312 | 31.88 | 34.36 | 4.64 | 0.25 | 9.35 | 1.058 | 10.28 | 0.15 | 0.4 | 0.015 | X | X | X | 7462.7 | 1.93 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC152 | MD20091 | 49 | 50 | 12.63 | 0.662 | 59.58 | 13.03 | 4.16 | 0.3 | 3.05 | 0.408 | 6.63 | 0.03 | 0.1 | 0.031 | X | X | X | 3765.5 | -0.05 |
| MRC152 | MD20092 | 50 | 51 | 12.43 | 0.644 | 58.19 | 12.51 | 5.47 | 0.29 | 2.94 | 0.272 | 6.45 | 0.07 | 0.12 | 0.03 | 0.014 | X | 0.03 | 2628.8 | -0.02 |
| MRC152 | MD20093 | 51 | 52 | 13.94 | 0.737 | 65.24 | 8.18 | 4.23 | 0.31 | 1.23 | 0.301 | 5.79 | 0.01 | 0.03 | 0.032 | 0.012 | X | X | 4143.5 | -0.66 |
| MRC152 | MD20094 | 52 | 53 | 13.81 | 0.746 | 65.4 | 8.19 | 4.93 | 0.31 | 1.25 | 0.368 | 5.82 | 0.03 | 0.05 | 0.034 | 0.009 | X | X | 3712.7 | -0.44 |
| MRC152 | MD20095 | 53 | 54 | 4.71 | 0.252 | 29.31 | 32.13 | 13.62 | 0.2 | 8.81 | 0.071 | 8.79 | 0.53 | 0.72 | 0.016 | 0.044 | X | X | 3608.2 | 1.15 |
| MRC152 | MD20096 | 54 | 55 | 13.29 | 0.696 | 63.39 | 9.85 | 4.08 | 0.32 | 1.62 | 0.301 | 6.29 | 0.02 | 0.04 | 0.031 | 0.006 | X | X | 6200.1 | -0.43 |
| MRC152 | MD20097 | 55 | 56 | 11.45 | 0.608 | 58.26 | 13.38 | 4.69 | 0.31 | 2.17 | 0.345 | 8.73 | 0.01 | X | 0.031 | 0.007 | X | X | 5203.7 | 0.57 |
| MRC152 | MD20098 | 56 | 57 | 10.72 | 0.554 | 56.12 | 14.86 | 3.71 | 0.33 | 2.78 | 0.419 | 9.18 | X | 0.03 | 0.029 | X | X | X | 3448.4 | 1 |
| MRC152 | MD20099 | 57 | 58 | 11.87 | 0.612 | 59.72 | 10.92 | 3.73 | 0.33 | 2.26 | 0.347 | 8.22 | X | 0.01 | 0.03 | X | X | X | 3429.1 | 1.57 |
| MRC152 | MD20100 | 58 | 59 | 12.19 | 0.642 | 61.04 | 11.02 | 3.71 | 0.32 | 1.91 | 0.359 | 7.86 | X | 0.02 | 0.032 | 0.005 | X | X | 5723.6 | 0.34 |
| MRC152 | MD20101 | 59 | 60 | 12.45 | 0.67 | 62.78 | 9.96 | 4.11 | 0.33 | 1.38 | 0.478 | 7.13 | X | 0.02 | 0.03 | 0.008 | X | X | 4769.5 | 0.18 |
| MRC152 | MD20102 | 60 | 61 | 13.05 | 0.712 | 65.92 | 7.87 | 3.92 | 0.31 | 1.09 | 0.381 | 6.73 | X | 0.02 | 0.033 | 0.014 | X | X | 4132.2 | 0.06 |
| MRC152 | MD20103 | 61 | 62 | 12.53 | 0.674 | 62.94 | 9.21 | 4.28 | 0.29 | 1.37 | 0.314 | 7.88 | 0.01 | 0.02 | 0.03 | 0.014 | X | X | 4500.1 | 0.42 |
| MRC152 | MD20104 | 62 | 63 | 12.51 | 0.673 | 63.44 | 8.71 | 3.8 | 0.29 | 1.45 | 0.328 | 7.83 | X | 0.01 | 0.031 | 0.009 | X | X | 3414.4 | 0.76 |
| MRC152 | MD20105 | 63 | 64 | 11.96 | 0.651 | 62.34 | 9.53 | 3.65 | 0.3 | 1.33 | 0.356 | 8.61 | X | X | 0.031 | 0.012 | X | X | 3629.6 | 0.58 |
| MRC152 | MD20106 | 64 | 65 | 11.52 | 0.628 | 60.88 | 10.29 | 3.48 | 0.3 | 1.86 | 0.36 | 8.89 | X | 0.01 | 0.03 | 0.01 | X | X | 3702.3 | 1.12 |
| MRC152 | MD20107 | 65 | 66 | 10.45 | 0.588 | 58.74 | 13.56 | 3.15 | 0.29 | 2.06 | 0.381 | 9.23 | 0.01 | 0.01 | 0.028 | 0.154 | X | X | 5662.4 | 1.61 |
| MRC193 | MD8545 | 0 | 1 | 4.79 | 0.078 | 14.4 | 48.56 | 9.14 | 0.2 | 6.71 | 0.029 | 2.66 | 1.25 | 0.76 | 0.007 | 0.013 | X | X | 1649 | 11.35 |
| MRC193 | MD8546 | 1 | 2 | 2.79 | 0.078 | 11.65 | 44.99 | 13.01 | 0.15 | 5.58 | 0.085 | 5.79 | 1.54 | 1.88 | 0.006 | 0.014 | X | X | 840 | 12.37 |
| MRC193 | MD8547 | 2 | 3 | 2.14 | 0.087 | 12.36 | 47.63 | 14.86 | 0.15 | 3.45 | 0.078 | 4.67 | 1.61 | 2.16 | 0.008 | 0.016 | X | X | 1291 | 10.35 |
| MRC193 | MD8548 | 3 | 4 | 2.09 | 0.095 | 13.65 | 51.2 | 16.23 | 0.16 | 1.22 | 0.084 | 3.45 | 1.65 | 2.4 | 0.009 | 0.02 | X | 0.01 | 676 | 7.9 |
| MRC193 | MD8549 | 4 | 5 | 1.78 | 0.093 | 13.7 | 52.01 | 16.98 | 0.13 | 0.64 | 0.081 | 3.07 | 1.58 | 2.57 | 0.008 | 0.017 | X | 0.01 | 1172 | 7.08 |
| MRC193 | MD8550 | 5 | 6 | 1.98 | 0.079 | 13.24 | 50.8 | 17.29 | 0.1 | 2.37 | 0.054 | 3.52 | 1.09 | 3.31 | 0.007 | 0.023 | X | X | 879 | 5.67 |
| MRC193 | MD8551 | 6 | 7 | 2.72 | 0.103 | 17.1 | 48.68 | 14.21 | 0.11 | 2.69 | 0.032 | 4.56 | 0.66 | 3.07 | 0.009 | 0.045 | X | X | 1488 | 6 |
| MRC193 | MD8552 | 7 | 8 | 2.96 | 0.099 | 25.89 | 44.91 | 2.88 | 0.2 | 5.64 | 0.027 | 12.62 | 0.05 | 0.59 | 0.012 | 0.329 | X | X | 1891 | 3.68 |
| MRC193 | MD8553 | 8 | 9 | 3.23 | 0.109 | 29.69 | 45.57 | 2.74 | 0.21 | 3.6 | 0.033 | 9.67 | 0.05 | 0.8 | 0.01 | 0.385 | X | X | 1495 | 4.11 |
| MRC193 | MD8554 | 9 | 10 | 3.05 | 0.088 | 27.09 | 46.19 | 2.26 | 0.19 | 3.1 | 0.023 | 12.36 | 0.03 | 0.61 | 0.01 | 0.361 | X | X | 1776 | 3.84 |
| MRC193 | MD8555 | 10 | 11 | 2.88 | 0.083 | 27.51 | 46.64 | 1.89 | 0.19 | 5.37 | 0.019 | 11.45 | 0.03 | 0.63 | 0.008 | 0.376 | X | X | 1914 | 2.98 |
| MRC193 | MD8556 | 11 | 12 | 3.27 | 0.087 | 26.4 | 45.51 | 2.33 | 0.19 | 6.12 | 0.017 | 12.42 | 0.04 | 0.57 | 0.01 | 0.333 | X | X | 1950 | 2.92 |
| MRC193 | MD8557 | 12 | 13 | 7.88 | 0.126 | 28.93 | 37.75 | 5.17 | 0.31 | 5.87 | 0.013 | 10.91 | 0.08 | 0.78 | 0.023 | 0.083 | X | X | 1548 | 2.42 |
| MRC193 | MD8558 | 13 | 14 | 3.52 | 0.09 | 26.54 | 43.59 | 3.37 | 0.19 | 5.71 | 0.015 | 11.9 | 0.03 | 0.61 | 0.011 | 0.286 | X | X | 3851 | 3.15 |
| MRC193 | MD8559 | 14 | 15 | 2.72 | 0.076 | 25.77 | 47.18 | 1.93 | 0.16 | 5.85 | 0.01 | 11.95 | 0.03 | 0.49 | 0.009 | 0.363 | X | X | 4298 | 2.8 |
| MRC193 | MD8560 | 15 | 16 | 2.72 | 0.077 | 25.58 | 46.94 | 1.93 | 0.17 | 6.35 | 0.009 | 12.86 | 0.03 | 0.46 | 0.011 | 0.359 | X | X | 3737 | 2.76 |
| MRC193 | MD8561 | 16 | 17 | 3.71 | 0.093 | 24.94 | 43.09 | 2.39 | 0.21 | 6.06 | 0.005 | 15.36 | 0.02 | 0.52 | 0.015 | 0.289 | X | X | 2305 | 2.67 |
| MRC193 | MD8562 | 17 | 18 | 3.22 | 0.078 | 24.21 | 45.82 | 2.2 | 0.2 | 5.86 | 0.004 | 13.76 | 0.02 | 0.54 | 0.012 | 0.31 | X | X | 2977 | 2.75 |
| MRC193 | MD8563 | 18 | 19 | 3.45 | 0.109 | 24.31 | 42.28 | 3.96 | 0.25 | 7.68 | 0.003 | 14.7 | 0.05 | 0.61 | 0.01 | 0.189 | X | X | 2601 | 2.44 |
| MRC193 | MD8564 | 19 | 20 | 6.28 | 0.133 | 26.87 | 37.08 | 11.18 | 0.33 | 5.12 | 0.008 | 8.02 | 0.23 | 1.57 | 0.016 | 0.072 | X | X | 1113 | 3.34 |
| MRC193 | MD8565 | Blank | slica | 0.05 | X | 1.15 | 98.37 | 0.08 | X | 0.1 | X | 0.19 | X | 0.03 | X | X | X | X | 490 | -0.09 |
| MRC193 | MD8566 | **GV03 STD** | **4.3** | 4.29 | 0.325 | 28.84 | 33.85 | 16.72 | 0.17 | 2.96 | 0.072 | 3.63 | 0.18 | 0.86 | 0.016 | 0.039 | X | X | 12 | 7.64 |
| MRC193 | MD8567 | Dup | 19-20 | 7.2 | 0.152 | 27.81 | 34.78 | 11.92 | 0.35 | 4.74 | 0.007 | 7.17 | 0.23 | 1.57 | 0.016 | 0.03 | X | X | 587 | 3.43 |
| MRC193 | MD8568 | 20 | 21 | 2.62 | 0.079 | 23.25 | 46.64 | 1.97 | 0.13 | 3.23 | 0.004 | 17.92 | 0.01 | 0.48 | 0.009 | 0.292 | X | X | 1550 | 2.65 |
| MRC193 | MD8569 | 21 | 22 | 1.72 | 0.068 | 19.39 | 44.62 | 9 | 0.26 | 6.39 | 0.004 | 13.22 | 0.15 | 1.22 | 0.011 | 0.148 | X | X | 1823 | 3.33 |
| MRC193 | MD8570 | 22 | 23 | 2.47 | 0.077 | 23.63 | 48.37 | 2.22 | 0.33 | 5.65 | 0.007 | 12.74 | 0.06 | 0.71 | 0.009 | 0.319 | X | X | 2204 | 2.98 |
| MRC193 | MD8571 | 23 | 24 | 2.52 | 0.064 | 14.91 | 50.2 | 10.26 | 0.16 | 7.08 | 0.004 | 9.34 | 0.32 | 2.99 | 0.009 | 0.147 | X | 0.02 | 1470 | 2.02 |
| MRC193 | MD8572 | 24 | 25 | 3.25 | 0.099 | 14.64 | 48.57 | 16.44 | 0.16 | 6.79 | 0.003 | 4.03 | 0.45 | 4.07 | 0.01 | X | X | 0.04 | 3790 | 1.78 |
| MRC193 | MD8573 | 25 | 26 | 3.6 | 0.122 | 16.58 | 47.48 | 14.29 | 0.18 | 6.61 | X | 5.6 | 0.77 | 2.92 | 0.013 | X | X | X | 2616 | 1.5 |
| MRC193 | MD8574 | 26 | 27 | 2.72 | 0.114 | 15.89 | 45.27 | 15.75 | 0.17 | 8.77 | X | 6.84 | 0.51 | 2.97 | 0.012 | 0.016 | X | X | 2229 | 1.25 |
| MRC193 | MD8575 | 27 | 28 | 1.37 | 0.078 | 13.5 | 49.2 | 13.86 | 0.16 | 9.86 | X | 7.89 | 0.38 | 2.78 | 0.01 | 0.037 | X | X | 2477 | 1.23 |
| MRC193 | MD8576 | 28 | 29 | 4.63 | 0.193 | 22.11 | 41.9 | 12.78 | 0.23 | 9.05 | 0.003 | 5.83 | 0.32 | 2.19 | 0.012 | X | X | X | 1607 | 1.19 |
| MRC193 | MD8577 | 29 | 30 | 4.27 | 0.191 | 22.56 | 38.89 | 15.45 | 0.21 | 6.76 | 0.005 | 6.39 | 0.4 | 1.72 | 0.014 | 0.009 | X | X | 1874 | 3.5 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC193 | MD8578 | 30 | 31 | 3.84 | 0.172 | 22.41 | 36.14 | 16.36 | 0.2 | 9.01 | 0.037 | 8.04 | 0.3 | 1.65 | 0.015 | X | X | X | 3762 | 2.32 |
| MRC193 | MD8579 | 31 | 32 | 3.1 | 0.146 | 19.62 | 42.32 | 15.08 | 0.17 | 8.44 | 0.175 | 7.07 | 0.3 | 2.55 | 0.011 | 0.008 | X | X | 5620 | 0.76 |
| MRC193 | MD8580 | 32 | 33 | 2.72 | 0.15 | 19.14 | 41.29 | 15.93 | 0.17 | 9.51 | 0.033 | 7.67 | 0.32 | 2.2 | 0.011 | 0.019 | X | X | 3145 | 0.86 |
| MRC193 | MD8581 | 33 | 34 | 3.09 | 0.154 | 22.76 | 38.68 | 13.27 | 0.21 | 8.43 | 0.009 | 9.09 | 0.9 | 1.19 | 0.013 | 0.022 | X | X | 1893 | 2.4 |
| MRC193 | MD8582 | 34 | 35 | 5.92 | 0.259 | 31.47 | 29.29 | 10.26 | 0.22 | 7.24 | 0.13 | 10.1 | 0.9 | 0.77 | 0.017 | X | X | X | 2650 | 3.72 |
| MRC193 | MD8583 | 35 | 36 | 9.22 | 0.406 | 43.9 | 23.16 | 8.1 | 0.27 | 4.93 | 0.359 | 8.96 | 0.15 | 0.4 | 0.025 | X | X | X | 3303 | 1.05 |
| MRC193 | MD8584 | 36 | 37 | 6.22 | 0.266 | 30.15 | 34.43 | 11.66 | 0.21 | 8.24 | 0.674 | 7.07 | 0.53 | 0.86 | 0.017 | 0.009 | X | X | 3806 | 0.49 |
| MRC193 | MD8585 | 37 | 38 | 7.2 | 0.311 | 32.75 | 31.32 | 11.22 | 0.22 | 7.24 | 0.873 | 6.68 | 0.35 | 0.81 | 0.019 | 0.007 | X | X | 4225 | 0.47 |
| MRC193 | MD8586 | 38 | 39 | 8.62 | 0.361 | 36.35 | 29.38 | 10.06 | 0.23 | 6.82 | 1.452 | 6.51 | 0.23 | 0.7 | 0.019 | 0.005 | X | X | 2797 | 0.32 |
| MRC193 | MD8587 | 39 | 40 | 9.64 | 0.421 | 42.07 | 24.98 | 8.64 | 0.25 | 6.37 | 0.816 | 6.43 | 0.25 | 0.61 | 0.021 | X | X | X | 2907 | 0.06 |
| MRC193 | MD8588 | Blank | silica | 0.73 | 0.031 | 3.55 | 93.03 | 0.85 | 0.02 | 0.58 | 0.075 | 0.63 | 0.03 | 0.09 | X | X | X | X | 429 | 0.17 |
| MRC193 | MD8589 | **GV03 STD** | **4.3** | 4.28 | 0.325 | 29 | 33.9 | 16.92 | 0.17 | 2.97 | 0.074 | 3.61 | 0.19 | 0.89 | 0.017 | 0.043 | X | X | 12 | 7.67 |
| MRC193 | MD8590 | Dup | 39-40 | 9.06 | 0.401 | 40.17 | 26.68 | 9.25 | 0.25 | 6.71 | 0.821 | 6.56 | 0.28 | 0.64 | 0.021 | 0.008 | X | 0.02 | 4572 | 0.09 |
| MRC194 | MD8502 | 0 | 1 | 4.65 | 0.057 | 12.26 | 48.36 | 9.96 | 0.18 | 6.97 | 0.024 | 5.09 | 0.94 | 1.22 | 0.007 | 0.026 | X | X | 1157 | 9.95 |
| MRC194 | MD8503 | 1 | 2 | 2.23 | 0.071 | 11.78 | 56.23 | 12.6 | 0.1 | 4.44 | 0.028 | 4.18 | 0.56 | 3.16 | 0.006 | 0.02 | X | X | 646 | 4.22 |
| MRC194 | MD8504 | 2 | 3 | 3.95 | 0.074 | 13.29 | 56.83 | 13.74 | 0.09 | 2.61 | 0.012 | 2.68 | 0.57 | 3.46 | 0.008 | X | X | X | 1633 | 2.96 |
| MRC194 | MD8505 | 3 | 4 | 3.17 | 0.061 | 11.47 | 61.05 | 11.17 | 0.11 | 4 | 0.009 | 3.4 | 0.47 | 2.65 | 0.006 | 0.007 | X | X | 2004 | 1.83 |
| MRC194 | MD8506 | 4 | 5 | 2.48 | 0.067 | 14.57 | 49.16 | 14.35 | 0.14 | 7.36 | 0.008 | 6.29 | 0.43 | 3 | 0.009 | 0.031 | X | X | 1474 | 2.09 |
| MRC194 | MD8507 | 5 | 6 | 2.95 | 0.091 | 23.65 | 47.72 | 3.09 | 0.13 | 5.47 | 0.01 | 12.79 | 0.05 | 0.72 | 0.006 | 0.315 | X | X | 1353 | 3.02 |
| MRC194 | MD8508 | 6 | 7 | 2.64 | 0.087 | 20.57 | 50.35 | 2.75 | 0.13 | 6.83 | 0.012 | 13.13 | 0.05 | 0.69 | 0.007 | 0.292 | X | X | 2096 | 2.87 |
| MRC194 | MD8509 | 7 | 8 | 2.38 | 0.081 | 17.79 | 50.64 | 4.86 | 0.12 | 6.19 | 0.017 | 12.54 | 0.04 | 1.05 | 0.005 | 0.195 | X | X | 1792 | 3.7 |
| MRC194 | MD8510 | 8 | 9 | 1.53 | 0.062 | 13.57 | 54.01 | 13.61 | 0.08 | 2.99 | 0.025 | 5.66 | 0.08 | 4.61 | X | 0.051 | X | X | 2546 | 3.88 |
| MRC194 | MD8511 | 9 | 10 | 1.78 | 0.062 | 13.36 | 53.72 | 14.39 | 0.08 | 2.89 | 0.026 | 5.3 | 0.05 | 3.92 | X | 0.042 | X | X | 1978 | 4.69 |
| MRC194 | MD8512 | 10 | 11 | 5.02 | 0.135 | 17.74 | 45.85 | 17.13 | 0.18 | 1.28 | 0.028 | 3.25 | 0.69 | 3.84 | 0.01 | 0.013 | X | X | 1849 | 4.98 |
| MRC194 | MD8513 | 11 | 12 | 2.31 | 0.062 | 11.24 | 51.09 | 18.27 | 0.13 | 4.44 | 0.012 | 4.5 | 0.96 | 4.28 | 0.007 | 0.019 | X | X | 1552 | 3.1 |
| MRC194 | MD8514 | 12 | 13 | 2.23 | 0.066 | 12.12 | 49.5 | 15.66 | 0.19 | 7.74 | 0.002 | 6.66 | 0.53 | 3.36 | 0.008 | 0.025 | X | X | 3958 | 2.36 |
| MRC194 | MD8515 | 13 | 14 | 1.45 | 0.07 | 14.93 | 46.01 | 14.94 | 0.2 | 9.08 | X | 7.45 | 0.5 | 2.21 | 0.009 | 0.037 | X | X | 3717 | 2.63 |
| MRC194 | MD8516 | 14 | 15 | 2.29 | 0.091 | 21.9 | 41.15 | 5.81 | 0.21 | 8.18 | 0.004 | 15.32 | 0.05 | 0.44 | 0.01 | 0.172 | X | X | 2941 | 3.98 |
| MRC194 | MD8517 | 15 | 16 | 2.84 | 0.083 | 22.93 | 38.76 | 2.72 | 0.2 | 8.82 | 0.007 | 15.94 | 0.02 | 0.34 | 0.008 | 0.245 | X | X | 4266 | 6.47 |
| MRC194 | MD8518 | 16 | 17 | 3.07 | 0.068 | 20.95 | 37.71 | 2.49 | 0.19 | 9.98 | 0.006 | 16.67 | 0.02 | 0.28 | 0.007 | 0.236 | X | X | 3002 | 8.1 |
| MRC194 | MD8519 | 17 | 18 | 2.55 | 0.092 | 21.21 | 42.72 | 3.25 | 0.19 | 8.72 | 0.004 | 16.83 | 0.02 | 0.28 | 0.008 | 0.196 | X | X | 4593 | 3.19 |
| MRC194 | MD8520 | 18 | 19 | 1.41 | 0.069 | 12.56 | 47.58 | 15.05 | 0.18 | 10.29 | 0.002 | 7.79 | 0.48 | 2.38 | 0.009 | 0.045 | X | X | 4196 | 1.66 |
| MRC194 | MD8521 | 19 | 20 | 2.32 | 0.102 | 15.7 | 46.16 | 14.47 | 0.19 | 9.84 | 0.004 | 7.33 | 0.35 | 2.42 | 0.009 | 0.029 | X | X | 2444 | 1.07 |
| MRC194 | MD8522 | 20 | 21 | 3.9 | 0.12 | 23.05 | 44.55 | 7.54 | 0.25 | 5.95 | 0.01 | 10.77 | 0.16 | 0.95 | 0.01 | 0.156 | X | X | 2866 | 2.95 |
| MRC194 | MD8523 | 21 | 22 | 3.63 | 0.136 | 24.09 | 44.21 | 7.73 | 0.27 | 6.38 | 0.009 | 9.98 | 0.22 | 0.92 | 0.015 | 0.086 | X | X | 2151 | 2.7 |
| MRC194 | MD8524 | 22 | 23 | 4.06 | 0.219 | 24.85 | 40.1 | 9.83 | 0.22 | 8.11 | 0.028 | 8.1 | 0.29 | 1.78 | 0.012 | 0.027 | X | X | 3708 | 2.76 |
| MRC194 | MD8525 | 23 | 24 | 8.26 | 0.382 | 40.24 | 27.38 | 5.9 | 0.25 | 6.8 | 0.575 | 7.34 | 0.15 | 0.61 | 0.022 | X | X | X | 3448 | 1.29 |
| MRC194 | MD8526 | 24 | 25 | 4.97 | 0.226 | 28.34 | 34.16 | 7.54 | 0.23 | 9.03 | 0.717 | 10.33 | 0.25 | 0.66 | 0.016 | 0.065 | X | X | 5524 | 2.34 |
| MRC194 | MD8527 | 25 | 26 | 2.85 | 0.085 | 22.07 | 41.5 | 3.27 | 0.2 | 8.11 | 0.904 | 17.57 | 0.02 | 0.11 | 0.008 | 0.21 | X | X | 3407 | 3.31 |
| MRC194 | MD8528 | 26 | 27 | 3.62 | 0.133 | 26.68 | 36.77 | 5.38 | 0.26 | 8.08 | 0.854 | 14.63 | 0.04 | 0.22 | 0.014 | 0.133 | X | X | 3323 | 3.52 |
| MRC194 | MD8529 | 27 | 28 | 5.14 | 0.201 | 28.18 | 33.97 | 7.43 | 0.27 | 6.98 | 2.384 | 12.63 | 0.07 | 0.35 | 0.015 | 0.076 | X | X | 5165 | 4.22 |
| MRC194 | MD8530 | 28 | 29 | 3.94 | 0.144 | 23.78 | 37.81 | 8.92 | 0.26 | 8.34 | 0.777 | 12.41 | 0.08 | 0.46 | 0.015 | 0.076 | X | X | 2964 | 3.82 |
| MRC194 | MD8531 | 29 | 30 | 6.57 | 0.285 | 31.86 | 31.86 | 6.78 | 0.27 | 7.79 | 2 | 8.93 | 0.15 | 0.57 | 0.016 | 0.008 | X | X | 3761 | 2.79 |
| MRC194 | MD8532 | 30 | 31 | 6.11 | 0.241 | 28.44 | 35.32 | 8 | 0.26 | 7.65 | 2.037 | 9.65 | 0.51 | 0.62 | 0.017 | 0.014 | X | X | 4767 | 2.9 |
| MRC194 | MD8533 | 31 | 32 | 5.21 | 0.194 | 22.99 | 39.55 | 6.91 | 0.22 | 6.6 | 2.172 | 13.94 | 0.28 | 0.47 | 0.014 | 0.046 | X | X | 4306 | 3.96 |
| MRC194 | MD8534 | 32 | 33 | 6.56 | 0.209 | 26.6 | 31.08 | 9.69 | 0.27 | 5.61 | 1.837 | 13.42 | 0.15 | 0.44 | 0.013 | 0.012 | X | X | 2638 | 5.4 |
| MRC194 | MD8535 | 33 | 34 | 6.01 | 0.23 | 25.68 | 36.44 | 7.45 | 0.28 | 7.81 | 2.278 | 11.19 | 0.38 | 0.61 | 0.012 | 0.023 | X | X | 5155 | 3.34 |
| MRC194 | MD8536 | 34 | 35 | 5.3 | 0.211 | 26.32 | 37.01 | 9.7 | 0.25 | 9.21 | 1.454 | 7.68 | 0.58 | 0.84 | 0.016 | 0.011 | X | X | 5633 | 2.02 |
| MRC194 | MD8537 | 35 | 36 | 5.11 | 0.181 | 25.77 | 36.62 | 7.6 | 0.25 | 9.22 | 1.688 | 8.03 | 0.38 | 0.8 | 0.014 | 0.008 | X | X | 1488 | 2.55 |
| MRC194 | MD8538 | 36 | 37 | 5.88 | 0.219 | 28.6 | 35.7 | 7.11 | 0.27 | 8.95 | 2.033 | 8.7 | 0.29 | 0.69 | 0.017 | 0.013 | X | X | 5095 | 2.92 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC194 | MD8539 | 37 | 38 | 5.72 | 0.214 | 29.32 | 35.95 | 5.58 | 0.26 | 8.87 | 1.357 | 9.19 | 0.23 | 0.57 | 0.015 | 0.028 | X | X | 3637 | 2.07 |
| MRC194 | MD8540 | 38 | 39 | 5.11 | 0.206 | 26.97 | 37.28 | 6.94 | 0.27 | 8.83 | 1.696 | 9.44 | 0.24 | 0.6 | 0.014 | 0.016 | X | X | 3489 | 2.34 |
| MRC194 | MD8541 | 39 | 40 | 2.78 | 0.103 | 20.82 | 44.41 | 3.05 | 0.2 | 9.36 | 1.499 | 16.11 | 0.04 | 0.18 | 0.009 | 0.186 | X | X | 2463 | 2.52 |
| MRC194 | MD8542 | Blank | silica | 0.14 | 0.01 | 1.5 | 97.77 | 0.21 | X | 0.23 | 0.047 | 0.29 | X | 0.02 | X | X | X | X | 545 | 0.07 |
| MRC194 | MD8543 | GV02 STD | 9.17 | 9.13 | 0.788 | 48.79 | 19.74 | 11.2 | 0.15 | 2.49 | 0.217 | 2.81 | 0.08 | 0.6 | 0.032 | 0.555 | X | X | 12 | 2.93 |
| MRC194 | MD8544 | Dup | 39-40 | 2.86 | 0.107 | 20.77 | 44.65 | 3.17 | 0.21 | 9.45 | 1.466 | 16.07 | 0.05 | 0.22 | 0.01 | 0.187 | X | X | 3783 | 2.55 |
| MRC194 | MD20001 | 40 | 41 | 3.18 | 0.118 | 21.73 | 42.03 | 5.05 | 0.21 | 9.13 | 1.531 | 14.64 | 0.1 | 0.34 | 0.011 | 0.138 | X | X | 3772 | 2.9 |
| MRC194 | MD20002 | 41 | 42 | 4.52 | 0.204 | 25.91 | 37.75 | 9.31 | 0.23 | 8.25 | 0.573 | 10.57 | 0.54 | 0.97 | 0.014 | 0.055 | X | X | 2669 | 1.65 |
| MRC194 | MD20003 | 42 | 43 | 4.07 | 0.195 | 25.35 | 37.09 | 10.32 | 0.22 | 8.89 | 0.311 | 10.1 | 0.66 | 0.99 | 0.015 | 0.055 | X | X | 5496 | 1.94 |
| MRC194 | MD20004 | 43 | 44 | 5.15 | 0.25 | 29.61 | 33.83 | 8.26 | 0.25 | 8.11 | 0.344 | 10.76 | 0.31 | 0.72 | 0.015 | 0.075 | X | X | 2000 | 2 |
| MRC194 | MD20005 | 44 | 45 | 2.19 | 0.123 | 19.58 | 43.03 | 10.51 | 0.2 | 12.04 | 0.382 | 9.56 | 0.69 | 1.01 | 0.01 | 0.047 | X | X | 1953 | 1.37 |
| MRC194 | MD20006 | 45 | 46 | 6.67 | 0.318 | 36.45 | 27.89 | 6.78 | 0.27 | 7.97 | 0.32 | 10.37 | 0.32 | 0.37 | 0.018 | 0.063 | X | X | 3055 | 1.96 |
| MRC194 | MD20007 | 46 | 47 | 4.88 | 0.243 | 28.99 | 32.47 | 7.8 | 0.26 | 10.56 | 0.229 | 9.9 | 0.46 | 0.47 | 0.013 | 0.054 | X | X | 1842 | 3 |
| MRC194 | MD20008 | 47 | 48 | 2.22 | 0.132 | 23.38 | 37.06 | 12.57 | 0.2 | 8.18 | 0.324 | 10.35 | 1.08 | 0.96 | 0.012 | 0.035 | X | X | 1755 | 3.41 |
| MRC194 | MD20009 | 48 | 49 | 4.72 | 0.219 | 26.04 | 32.53 | 6.69 | 0.24 | 9.94 | 0.684 | 12.52 | 0.24 | 0.61 | 0.011 | 0.065 | X | X | 5135 | 4.74 |
| MRC194 | MD20010 | 49 | 50 | 1.16 | 0.048 | 14.2 | 45.74 | 4.76 | 0.2 | 11.37 | 0.315 | 17.07 | 0.2 | 0.38 | 0.008 | 0.161 | X | X | 4350 | 3.51 |
| MRC194 | MD20011 | 50 | 51 | 1.41 | 0.05 | 14.51 | 44.98 | 5.5 | 0.21 | 11.16 | 0.349 | 16.7 | 0.74 | 0.35 | 0.008 | 0.18 | X | X | 4319 | 2.71 |
| MRC194 | MD20012 | 51 | 52 | 2.03 | 0.072 | 17.95 | 40.6 | 8.34 | 0.21 | 8.04 | 0.649 | 15.56 | 1.92 | 0.37 | 0.018 | 0.123 | X | X | 2643 | 2.81 |
| MRC194 | MD20013 | 52 | 53 | 1.9 | 0.062 | 16.64 | 39.49 | 6.67 | 0.24 | 12.74 | 0.404 | 14.9 | 0.91 | 0.3 | 0.01 | 0.14 | X | 0.01 | 1512 | 5.17 |
| MRC194 | MD20014 | 53 | 54 | 2.22 | 0.065 | 18.7 | 37.06 | 6.24 | 0.22 | 10.15 | 0.665 | 17.31 | 0.31 | 0.13 | 0.008 | 0.131 | X | X | 4343 | 5.59 |
| MRC194 | MD20015 | 54 | 55 | 0.88 | 0.033 | 15.44 | 42.68 | 3.15 | 0.2 | 11.08 | 0.603 | 19.94 | 0.04 | 0.07 | 0.007 | 0.204 | X | X | 5655 | 5.58 |
| MRC194 | MD20016 | 55 | 56 | 1.16 | 0.037 | 14.78 | 44.14 | 4.68 | 0.21 | 10.5 | 0.387 | 19.19 | 0.07 | 0.1 | 0.008 | 0.223 | X | X | 5095 | 4.14 |
| MRC194 | MD20017 | 56 | 57 | 2.26 | 0.056 | 18.52 | 36.6 | 8.45 | 0.24 | 8.05 | 0.331 | 18.19 | 0.54 | 0.11 | 0.01 | 0.145 | X | 0.01 | 3629 | 5.49 |
| MRC194 | MD20018 | 57 | 58 | 1.69 | 0.043 | 16.58 | 40.86 | 6.56 | 0.21 | 7.89 | 0.837 | 18.69 | 0.52 | 0.1 | 0.01 | 0.156 | X | 0.01 | 2260 | 4.01 |
| MRC194 | MD20019 | 58 | 59 | 1.45 | 0.05 | 14.94 | 41.83 | 5.13 | 0.22 | 12.4 | 0.621 | 17.43 | 0.86 | 0.15 | 0.009 | 0.24 | X | X | 3190 | 4.75 |
| MRC194 | MD20020 | 59 | 60 | 1.2 | 0.041 | 16.32 | 43.64 | 4.26 | 0.19 | 8.81 | 0.825 | 19.98 | 0.1 | 0.04 | 0.009 | 0.229 | X | X | 1944 | 4.16 |
| MRC194 | MD20021 | 60 | 61 | 1.22 | 0.042 | 18.37 | 40.36 | 3.19 | 0.21 | 8.06 | 0.443 | 21.87 | 0.03 | 0.06 | 0.006 | 0.273 | X | X | 4453 | 5.57 |
| MRC194 | MD20022 | 61 | 62 | 1.01 | 0.039 | 16.01 | 41.16 | 4.02 | 0.19 | 9.92 | 0.519 | 20.01 | 0.03 | 0.04 | 0.009 | 0.3 | X | X | 1994 | 5.87 |
| MRC194 | MD20023 | 62 | 63 | 0.99 | 0.039 | 14.27 | 44.8 | 3.4 | 0.18 | 10.33 | 0.628 | 19.93 | 0.04 | 0.05 | 0.009 | 0.263 | X | X | 3057 | 4.05 |
| MRC194 | MD20024 | 63 | 64 | 1.11 | 0.041 | 16.46 | 44 | 3.33 | 0.18 | 8.95 | 0.642 | 20.2 | 0.04 | 0.05 | 0.009 | 0.135 | X | X | 2562 | 3.52 |
| MRC194 | MD20025 | 64 | 65 | 1.22 | 0.042 | 18.47 | 42.2 | 3.26 | 0.22 | 8.86 | 0.872 | 20.5 | 0.04 | 0.05 | 0.009 | 0.153 | X | X | 3041 | 4.47 |
| MRC194 | MD20026 | 65 | 66 | 1 | 0.035 | 15.18 | 42.54 | 3.26 | 0.19 | 8.89 | 0.55 | 20.12 | 0.07 | 0.09 | 0.01 | 0.185 | X | X | 2096 | 6.8 |
| MRC195 | MD8451 | 0 | 1 | 5.1 | 0.051 | 11.38 | 41.83 | 9.26 | 0.18 | 10.86 | 0.03 | 5.62 | 0.73 | 1.33 | X | 0.013 | X | X | 1909 | 13.5 |
| MRC195 | MD8452 | 1 | 2 | 5.38 | 0.114 | 15.75 | 45.64 | 14.89 | 0.19 | 6.47 | 0.015 | 5.33 | 0.42 | 2.68 | 0.005 | X | X | X | 1775 | 2.82 |
| MRC195 | MD8453 | 2 | 3 | 5 | 0.1 | 15.39 | 46.59 | 15.88 | 0.16 | 5.17 | 0.02 | 4.36 | 0.4 | 2.7 | X | X | X | X | 1920 | 3.58 |
| MRC195 | MD8454 | 3 | 4 | 1.23 | 0.07 | 12.77 | 49.74 | 16.12 | 0.11 | 7.13 | 0.02 | 6.31 | 0.2 | 2.38 | X | 0.042 | X | X | 2051 | 3.51 |
| MRC195 | MD8455 | 4 | 5 | 2.73 | 0.098 | 16.28 | 49.52 | 15.31 | 0.11 | 3.98 | 0.035 | 4.59 | 0.47 | 2.3 | X | 0.029 | X | X | 2066 | 5.04 |
| MRC195 | MD8456 | 5 | 6 | 0.85 | 0.05 | 13.05 | 53.4 | 14.01 | 0.09 | 6.28 | 0.023 | 6.13 | 0.29 | 2.92 | X | 0.041 | X | X | 2191 | 2.81 |
| MRC195 | MD8457 | 6 | 7 | 3.6 | 0.085 | 15.53 | 50.16 | 14.08 | 0.13 | 5.51 | 0.03 | 4.94 | 0.29 | 2.37 | X | 0.02 | X | X | 3527 | 3.86 |
| MRC195 | MD8458 | 7 | 8 | 3.25 | 0.072 | 14.55 | 49.45 | 14.19 | 0.14 | 6.93 | 0.016 | 5.6 | 0.17 | 2.74 | X | 0.026 | X | X | 3473 | 2.32 |
| MRC195 | MD8459 | 8 | 9 | 4.32 | 0.075 | 14.46 | 48.96 | 17.76 | 0.12 | 2.33 | 0.037 | 3.05 | 0.19 | 3.16 | X | 0.013 | X | X | 2387 | 5.9 |
| MRC195 | MD8460 | 9 | 10 | 3.12 | 0.069 | 14.38 | 48.86 | 17.08 | 0.13 | 4.38 | 0.022 | 4.48 | 0.23 | 3.02 | 0.005 | 0.019 | X | X | 2125 | 4.68 |
| MRC195 | MD8461 | 10 | 11 | 3.44 | 0.075 | 14.88 | 47.54 | 15.08 | 0.15 | 7.38 | 0.009 | 5.73 | 0.33 | 2.7 | 0.005 | 0.017 | X | X | 2836 | 2.48 |
| MRC195 | MD8462 | 11 | 12 | 3.91 | 0.072 | 14.54 | 47.83 | 15.14 | 0.16 | 7.99 | 0.006 | 5.54 | 0.44 | 2.83 | 0.005 | 0.012 | X | X | 2653 | 1.84 |
| MRC195 | MD8463 | 12 | 13 | 4.54 | 0.08 | 15.45 | 46.8 | 15.11 | 0.16 | 7.51 | 0.004 | 4.94 | 0.46 | 2.95 | 0.006 | X | X | X | 4651 | 1.74 |
| MRC195 | MD8464 | 13 | 14 | 3.05 | 0.073 | 14.35 | 48.08 | 14.74 | 0.15 | 8.86 | 0.002 | 6.25 | 0.24 | 3.08 | 0.006 | 0.021 | X | X | 3785 | 1.15 |
| MRC195 | MD8465 | 14 | 15 | 4.02 | 0.075 | 14.62 | 47.38 | 15.05 | 0.17 | 8.54 | X | 5.63 | 0.17 | 3.21 | 0.007 | 0.009 | X | X | 3555 | 1.25 |
| MRC195 | MD8466 | 15 | 16 | 2.6 | 0.065 | 12.9 | 53.89 | 14.04 | 0.15 | 6.69 | X | 5.26 | 0.26 | 2.96 | 0.008 | 0.018 | X | X | 2479 | 1.54 |
| MRC195 | MD8467 | 16 | 17 | 3.91 | 0.073 | 13.75 | 49.5 | 14.37 | 0.17 | 7.5 | X | 4.97 | 0.22 | 3.36 | 0.007 | 0.005 | X | X | 2422 | 1.31 |
| MRC195 | MD8468 | 17 | 18 | 4.17 | 0.081 | 15.75 | 48.3 | 15.54 | 0.23 | 5.69 | 0.004 | 4.64 | 0.32 | 2.99 | 0.012 | 0.01 | X | X | 2502 | 2.35 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC195 | MD8469 | 18 | 19 | 1.5 | 0.061 | 12.39 | 58.92 | 12.06 | 0.14 | 4.28 | 0.002 | 4.77 | 0.32 | 2.27 | 0.01 | 0.014 | X | X | 4050 | 2.75 |
| MRC195 | MD8470 | 19 | 20 | 2.58 | 0.069 | 11.58 | 53.78 | 15.36 | 0.17 | 6.27 | X | 4.1 | 0.29 | 3.26 | 0.007 | 0.012 | X | X | 2115 | 2.13 |
| MRC195 | MD8471 | Blank | silica | 0.02 | X | 0.27 | 99.33 | 0.03 | X | 0.01 | X | 0.02 | X | 0.02 | X | X | X | X | 377 | 0.08 |
| MRC195 | MD8472 | **GV01 STD** | **14.1** | 14.12 | 1.267 | 70.13 | 4.25 | 5.6 | 0.15 | 0.08 | 0.064 | 1.33 | 0.01 | 0.01 | 0.038 | 0.726 | X | X | 12 | 2.12 |
| MRC195 | MD8473 | Dup | 19-20 | 2.54 | 0.067 | 11.54 | 53.87 | 15.39 | 0.17 | 6.29 | 0.002 | 4.07 | 0.29 | 3.32 | 0.007 | 0.011 | X | X | 3506 | 1.67 |
| MRC195 | MD8474 | 20 | 21 | 2.51 | 0.068 | 13.32 | 46.7 | 17.72 | 0.21 | 6.44 | 0.003 | 5.39 | 0.55 | 3.24 | 0.012 | 0.025 | X | X | 2245 | 3.76 |
| MRC195 | MD8475 | 21 | 22 | 2.99 | 0.098 | 22.93 | 44.59 | 3.05 | 0.23 | 7.19 | 0.003 | 15.24 | 0.03 | 0.47 | 0.006 | 0.218 | X | X | 4141 | 2.46 |
| MRC195 | MD8476 | 22 | 23 | 2.96 | 0.09 | 21.1 | 43.64 | 6.17 | 0.2 | 6.65 | 0.002 | 14.59 | 0.07 | 0.65 | 0.011 | 0.161 | X | X | 2936 | 3.56 |
| MRC195 | MD8477 | 23 | 24 | 5.08 | 0.1 | 22.15 | 40.47 | 11.68 | 0.3 | 9.36 | 0.002 | 7.35 | 0.34 | 1.38 | 0.013 | 0.034 | X | X | 2478 | 1.44 |
| MRC195 | MD8478 | 24 | 25 | 4.85 | 0.087 | 22.49 | 39.65 | 9.35 | 0.31 | 7.38 | 0.004 | 12.47 | 0.12 | 0.76 | 0.014 | 0.1 | X | X | 3723 | 2.54 |
| MRC195 | MD8479 | 25 | 26 | 2.41 | 0.061 | 20.62 | 38.97 | 1.91 | 0.19 | 9.83 | 0.023 | 15.44 | 0.08 | 0.4 | 0.009 | 0.271 | X | X | 2188 | 8.93 |
| MRC195 | MD8480 | 26 | 27 | 2.49 | 0.061 | 20.85 | 39.07 | 2.17 | 0.22 | 9.45 | 0.13 | 15.46 | 0.1 | 0.34 | 0.009 | 0.275 | X | X | 2887 | 8.71 |
| MRC195 | MD8481 | 27 | 28 | 3.06 | 0.07 | 22.36 | 36.35 | 4.53 | 0.23 | 8.57 | 0.102 | 16.37 | 0.04 | 0.21 | 0.009 | 0.202 | X | X | 4558 | 7.27 |
| MRC195 | MD8482 | 28 | 29 | 2.52 | 0.06 | 20.74 | 38.14 | 3.02 | 0.26 | 10.12 | 0.012 | 16.71 | 0.03 | 0.23 | 0.008 | 0.237 | X | X | 2761 | 8.15 |
| MRC195 | MD8483 | 29 | 30 | 1.96 | 0.068 | 17.18 | 46.83 | 9.17 | 0.23 | 9.07 | 0.004 | 12.28 | 0.27 | 1.37 | 0.013 | 0.111 | X | X | 2947 | 1.97 |
| MRC195 | MD8484 | 30 | 31 | 1.42 | 0.061 | 18.07 | 45.27 | 9.38 | 0.19 | 8.64 | 0.003 | 12.62 | 0.33 | 1.2 | 0.01 | 0.119 | X | X | 3728 | 2.01 |
| MRC195 | MD8485 | 31 | 32 | 2.93 | 0.069 | 22.07 | 37.68 | 5.24 | 0.2 | 6.9 | 0.094 | 18 | 0.01 | 0.1 | 0.008 | 0.209 | X | X | 3194 | 5.96 |
| MRC195 | MD8486 | 32 | 33 | 2.05 | 0.056 | 20.22 | 37.57 | 2.11 | 0.22 | 8.42 | 0.502 | 19.81 | 0.02 | 0.15 | 0.008 | 0.285 | X | X | 2320 | 8.05 |
| MRC195 | MD8487 | 33 | 34 | 3.44 | 0.105 | 23.62 | 35.24 | 3.47 | 0.22 | 8.78 | 0.304 | 18.18 | 0.03 | 0.1 | 0.01 | 0.225 | X | X | 2470 | 6.85 |
| MRC195 | MD8488 | 34 | 35 | 2.06 | 0.056 | 20.02 | 35.93 | 1.76 | 0.18 | 8.84 | 0.314 | 21.49 | 0.01 | 0.07 | 0.007 | 0.283 | X | X | 1399 | 8.94 |
| MRC195 | MD8489 | 35 | 36 | 2.24 | 0.06 | 20.1 | 37.67 | 2.12 | 0.2 | 8.04 | 0.38 | 21.71 | 0.01 | 0.04 | 0.007 | 0.275 | X | X | 1684 | 7.55 |
| MRC195 | MD8490 | 36 | 37 | 3.01 | 0.063 | 18.93 | 41.09 | 3.6 | 0.19 | 8.58 | 1.105 | 17.62 | 0.05 | 0.11 | 0.007 | 0.196 | X | X | 2643 | 3.7 |
| MRC195 | MD8491 | 37 | 38 | 2.76 | 0.127 | 19.11 | 43.46 | 10.87 | 0.19 | 8.84 | 0.926 | 8.04 | 0.83 | 0.9 | 0.011 | 0.025 | X | X | 3789 | 3.25 |
| MRC195 | MD8492 | 38 | 39 | 2.95 | 0.139 | 20.28 | 42.88 | 9.95 | 0.21 | 10.55 | 1.551 | 7.05 | 0.38 | 1.78 | 0.011 | 0.018 | X | X | 2190 | 2.9 |
| MRC195 | MD8493 | 39 | 40 | 1.46 | 0.09 | 14.56 | 49.37 | 11.92 | 0.15 | 8.96 | 0.562 | 7.4 | 0.48 | 2.89 | 0.01 | 0.031 | X | X | 3288 | 1.13 |
| MRC195 | MD8494 | Blank | silica | 0.1 | 0.006 | 1.2 | 97.56 | 0.3 | X | 0.35 | 0.043 | 0.22 | 0.01 | 0.07 | X | X | X | X | 493 | 0.2 |
| MRC195 | MD8495 | **GV01 STD** | **14.1** | 14.16 | 1.237 | 69.86 | 4.24 | 5.56 | 0.14 | 0.08 | 0.063 | 1.31 | 0.01 | 0.01 | 0.038 | 0.728 | X | X | 12 | 2.13 |
| MRC195 | MD8496 | Dup | 39-40 | 2.44 | 0.118 | 16.89 | 47.76 | 11.29 | 0.17 | 9.4 | 0.922 | 7.17 | 0.57 | 2.45 | 0.011 | 0.024 | X | X | 3007 | 1.26 |
| MRC196 | MD8400 | 0 | 1 | 4.47 | 0.039 | 10.59 | 48.45 | 9.5 | 0.18 | 8.17 | 0.018 | 4.08 | 1.05 | 1.12 | 0.006 | 0.012 | X | X | 1065.2 | 11.53 |
| MRC196 | MD8401 | 1 | 2 | 4.63 | 0.093 | 15.27 | 48.31 | 12.9 | 0.16 | 4.63 | 0.021 | 5.08 | 0.85 | 3.68 | 0.007 | X | X | X | 1034.8 | 4.47 |
| MRC196 | MD8402 | 2 | 3 | 1.77 | 0.058 | 10.99 | 75.1 | 5.74 | 0.05 | 0.5 | 0.014 | 1.26 | 0.38 | 1.66 | X | X | X | X | 2242 | 2.38 |
| MRC196 | MD8403 | 3 | 4 | 4.83 | 0.084 | 15.26 | 52.46 | 14.11 | 0.12 | 1.04 | 0.018 | 2.56 | 1.45 | 3.39 | 0.008 | X | X | X | 755.1 | 4.06 |
| MRC196 | MD8404 | 4 | 5 | 4.95 | 0.087 | 14.72 | 49.9 | 15.95 | 0.13 | 2.27 | 0.029 | 2.93 | 0.83 | 3.78 | 0.007 | X | X | X | 611.4 | 4.43 |
| MRC196 | MD8405 | 5 | 6 | 4.93 | 0.09 | 16.08 | 50.06 | 15.97 | 0.13 | 2.18 | 0.03 | 2.48 | 1.01 | 3.51 | 0.012 | X | X | X | 1301.2 | 4.11 |
| MRC196 | MD8406 | 6 | 7 | 4.32 | 0.085 | 14.96 | 49.97 | 14.19 | 0.13 | 3.7 | 0.023 | 4.06 | 0.78 | 3.63 | 0.007 | X | X | X | 1604.8 | 3.94 |
| MRC196 | MD8407 | 7 | 8 | 4.58 | 0.084 | 16.09 | 49.53 | 14.42 | 0.15 | 3.65 | 0.02 | 3.96 | 0.74 | 3.91 | 0.008 | X | X | X | 1721.9 | 3.19 |
| MRC196 | MD8408 | 8 | 9 | 4.51 | 0.083 | 14.63 | 50.72 | 14.58 | 0.17 | 4.12 | 0.015 | 4.23 | 0.73 | 4.11 | 0.009 | X | X | X | 1548.8 | 2.54 |
| MRC196 | MD8409 | 9 | 10 | 4.14 | 0.074 | 13.67 | 49.3 | 16.12 | 0.13 | 5.07 | 0.011 | 4.14 | 0.8 | 3.87 | 0.008 | X | X | X | 2543.3 | 2.47 |
| MRC196 | MD8410 | 10 | 11 | 2.82 | 0.049 | 10.29 | 64.71 | 10.99 | 0.09 | 3.27 | 0.006 | 2.71 | 0.52 | 2.46 | 0.005 | X | X | X | 2483.6 | 1.95 |
| MRC196 | MD8411 | 11 | 12 | 2.52 | 0.037 | 8.74 | 67.67 | 10.97 | 0.08 | 1.81 | 0.008 | 2.38 | 0.18 | 1.59 | X | X | X | X | 2348.5 | 3.67 |
| MRC196 | MD8412 | 12 | 13 | 1.56 | 0.026 | 6.68 | 77.06 | 6.82 | 0.06 | 1.78 | 0.005 | 1.76 | 0.12 | 1.07 | X | X | X | X | 3523.9 | 2.35 |
| MRC196 | MD8413 | 13 | 14 | 2.72 | 0.045 | 9 | 68.86 | 9.93 | 0.1 | 3.17 | 0.003 | 2.39 | 0.53 | 2.26 | 0.006 | X | X | X | 2227.4 | 1.47 |
| MRC196 | MD8414 | 14 | 15 | 4.72 | 0.077 | 13.8 | 48.29 | 15.03 | 0.2 | 7.08 | X | 4.84 | 0.72 | 3.74 | 0.012 | X | X | X | 2752.5 | 1.16 |
| MRC196 | MD8415 | 15 | 16 | 4.78 | 0.078 | 14.08 | 47.53 | 14.85 | 0.19 | 7.59 | X | 4.99 | 0.8 | 3.64 | 0.01 | X | X | X | 2493.5 | 1.26 |
| MRC196 | MD8416 | 16 | 17 | 4.76 | 0.077 | 14.33 | 47.97 | 15.11 | 0.21 | 6.37 | 0.004 | 4.67 | 0.98 | 3.78 | 0.011 | X | X | X | 2046.5 | 1.92 |
| MRC196 | MD8417 | 17 | 18 | 4.84 | 0.081 | 14.91 | 48.13 | 15.07 | 0.2 | 5.68 | 0.003 | 4.32 | 1.04 | 3.7 | 0.009 | X | X | X | 1711.1 | 2.07 |
| MRC196 | MD8418 | 18 | 19 | 4.9 | 0.079 | 15.07 | 47.04 | 14.96 | 0.19 | 7.4 | 0.002 | 5.01 | 0.61 | 3.79 | 0.009 | X | X | X | 5080.4 | 0.96 |
| MRC196 | MD8419 | 19 | 20 | 5.08 | 0.085 | 15.29 | 46.95 | 14.78 | 0.22 | 6.16 | X | 4.8 | 0.86 | 3.8 | 0.01 | X | X | X | 3934.5 | 1.68 |
| MRC196 | MD8420 | Blank | silica | 0.04 | X | 1.31 | 98.55 | 0.14 | X | 0.06 | X | 0.05 | X | 0.04 | X | X | X | X | 370.4 | -0.04 |
| MRC196 | MD8421 | **GV03 STD** | **4.3** | 4.27 | 0.326 | 28.86 | 33.83 | 16.86 | 0.17 | 2.98 | 0.07 | 3.59 | 0.19 | 0.9 | 0.017 | 0.042 | X | X | 11.4 | 7.6 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC196 | MD8422 | Dup | 19-20 | 5.04 | 0.081 | 14.96 | 47.18 | 14.88 | 0.24 | 6.35 | 0.002 | 4.85 | 0.82 | 3.83 | 0.01 | X | X | X | 4208.4 | 1.48 |
| MRC196 | MD8423 | 20 | 21 | 5.24 | 0.087 | 15.77 | 47.42 | 14.7 | 0.28 | 4.91 | 0.005 | 4.35 | 0.99 | 3.87 | 0.014 | X | X | X | 1093.5 | 2.09 |
| MRC196 | MD8424 | 21 | 22 | 4.9 | 0.083 | 14.68 | 49.8 | 14.71 | 0.22 | 3.62 | 0.004 | 4.2 | 0.99 | 4.76 | 0.04 | X | X | X | 1253.4 | 2.39 |
| MRC196 | MD8425 | 22 | 23 | 3.48 | 0.072 | 15.98 | 47.71 | 15.05 | 0.13 | 1.67 | 0.011 | 5.44 | 0.79 | 3.35 | 0.187 | X | X | X | 2210.2 | 5.7 |
| MRC196 | MD8426 | 23 | 24 | 1.26 | 0.055 | 14.43 | 45.95 | 18.36 | 0.21 | 3.11 | 0.006 | 5.87 | 0.41 | 2.6 | 0.07 | 0.011 | X | X | 1748.5 | 6.99 |
| MRC196 | MD8427 | 24 | 25 | 1.09 | 0.054 | 15.28 | 48.13 | 14.8 | 0.12 | 5.95 | 0.006 | 7.08 | 0.2 | 2.17 | 0.107 | 0.026 | X | X | 4207.2 | 5.25 |
| MRC196 | MD8428 | 25 | 26 | 3.34 | 0.057 | 10.72 | 52.33 | 17.95 | 0.15 | 2.84 | 0.003 | 3.02 | 0.84 | 5.88 | 0.015 | X | X | X | 1754.1 | 2.96 |
| MRC196 | MD8429 | 26 | 27 | 4.04 | 0.067 | 12.21 | 47.07 | 18.53 | 0.16 | 5.35 | 0.005 | 3.32 | 1.04 | 4.33 | 0.009 | X | X | X | 1864.5 | 3.52 |
| MRC196 | MD8430 | 27 | 28 | 3.92 | 0.068 | 13.89 | 45.71 | 17.27 | 0.17 | 7.45 | 0.07 | 3.76 | 0.76 | 4.03 | 0.009 | X | X | X | 2546.3 | 3.11 |
| MRC196 | MD8431 | 28 | 29 | 4.3 | 0.067 | 12.44 | 43.56 | 15.54 | 0.16 | 10.89 | 0.03 | 4.1 | 0.37 | 3.88 | 0.006 | X | X | X | 3086.1 | 4.86 |
| MRC196 | MD8432 | 29 | 30 | 4.32 | 0.063 | 12.24 | 45.67 | 17.59 | 0.14 | 7.15 | 0.023 | 3.92 | 0.68 | 4.36 | 0.006 | X | X | X | 1841.8 | 3.25 |
| MRC196 | MD8433 | 30 | 31 | 4.48 | 0.067 | 12.64 | 46.3 | 16.94 | 0.16 | 8.32 | 0.055 | 3.98 | 0.71 | 4.08 | 0.007 | X | X | X | 2903.4 | 2.6 |
| MRC196 | MD8434 | 31 | 32 | 3.76 | 0.054 | 10.81 | 43.17 | 17.02 | 0.13 | 12.48 | 0.042 | 3.94 | 0.57 | 3.18 | 0.006 | X | X | X | 1936.6 | 4.37 |
| MRC196 | MD8435 | 32 | 33 | 3.74 | 0.057 | 11.32 | 44.45 | 17.31 | 0.14 | 10.5 | 0.051 | 4.29 | 0.68 | 3.99 | 0.007 | X | X | X | 2608.2 | 3.76 |
| MRC196 | MD8436 | 33 | 34 | 3.74 | 0.064 | 11.87 | 45.36 | 16.62 | 0.15 | 7.65 | 0.017 | 4.7 | 0.38 | 5.04 | 0.008 | X | X | X | 2651.7 | 4.78 |
| MRC196 | MD8437 | 34 | 35 | 3.93 | 0.067 | 12.35 | 43.96 | 16.23 | 0.16 | 9.49 | 0.117 | 4.78 | 0.34 | 4.57 | 0.009 | X | X | X | 3632.6 | 3.38 |
| MRC196 | MD8438 | 35 | 36 | 4.62 | 0.076 | 13.84 | 41.32 | 15.42 | 0.17 | 11.39 | 0.232 | 5.37 | 0.3 | 3.78 | 0.008 | X | X | X | 1728.6 | 2.99 |
| MRC196 | MD8439 | 36 | 37 | 3.7 | 0.071 | 12.54 | 44.34 | 15.49 | 0.16 | 10.9 | 0.122 | 5.23 | 0.31 | 4.08 | 0.009 | 0.005 | X | X | 5100.2 | 2.94 |
| MRC196 | MD8440 | 37 | 38 | 3.84 | 0.062 | 11.43 | 45.44 | 17.06 | 0.13 | 10.59 | 0.137 | 4.41 | 0.53 | 3.7 | 0.006 | X | X | X | 1585.5 | 2.63 |
| MRC196 | MD8441 | 38 | 39 | 3.47 | 0.056 | 10.8 | 45.64 | 17.55 | 0.12 | 11.71 | 0.111 | 4.11 | 0.38 | 3.38 | 0.008 | X | X | X | 1923.6 | 2.7 |
| MRC196 | MD8442 | 39 | 40 | 4.01 | 0.065 | 11.91 | 45.71 | 17.38 | 0.13 | 10.16 | 0.06 | 4.55 | 0.6 | 3.88 | 0.007 | X | X | X | 2154.9 | 1.89 |
| MRC196 | MD8443 | Blank | silica | 0.03 | X | 0.47 | 99.23 | 0.11 | X | 0.05 | X | 0.03 | X | 0.04 | X | X | X | X | 425.7 | 0.04 |
| MRC196 | MD8444 | **GV02 STD** | **9.17** | 9.1 | 0.786 | 48.93 | 19.87 | 11.31 | 0.16 | 2.49 | 0.214 | 2.81 | 0.08 | 0.58 | 0.03 | 0.56 | X | X | 12.4 | 2.93 |
| MRC196 | MD8445 | Dup | 39-40 | 3.97 | 0.065 | 11.84 | 45.63 | 17.34 | 0.13 | 10.14 | 0.07 | 4.58 | 0.56 | 3.84 | 0.007 | X | X | X | 3375.8 | 1.78 |
| MRC196 | MD8446 | 40 | 41 | 4.13 | 0.058 | 13.02 | 44.18 | 16.55 | 0.14 | 10.92 | 0.273 | 4.24 | 0.64 | 3.81 | 0.007 | X | X | X | 1850.6 | 2.19 |
| MRC196 | MD8447 | 41 | 42 | 2.57 | 0.058 | 13.17 | 45.88 | 15.85 | 0.15 | 10.83 | 0.106 | 6.01 | 0.46 | 3.5 | 0.009 | 0.02 | X | X | 1959.7 | 2.01 |
| MRC196 | MD8448 | 42 | 43 | 2.12 | 0.062 | 18.29 | 40.09 | 2.62 | 0.2 | 8.39 | 0.431 | 19.34 | 0.05 | 0.25 | 0.01 | 0.228 | X | X | 5113.1 | 7.47 |
| MRC196 | MD8449 | 43 | 44 | 2.14 | 0.062 | 20.04 | 40.12 | 1.78 | 0.21 | 7.24 | 0.341 | 23.69 | 0.05 | 0.14 | 0.007 | 0.288 | X | X | 3613.6 | 3.36 |
| MRC196 | MD8450 | 44 | 45 | 2.21 | 0.059 | 20.5 | 38.31 | 1.67 | 0.24 | 8.04 | 0.282 | 23.97 | 0.06 | 0.11 | 0.01 | 0.29 | X | X | 3632.7 | 4.46 |
| MRC196 | MD20039 | 45 | 46 | 2.4 | 0.068 | 21.46 | 37.5 | 1.76 | 0.25 | 7.93 | 0.329 | 23.79 | 0.1 | 0.07 | 0.01 | 0.289 | X | X | 3266 | 3.96 |
| MRC196 | MD20040 | 46 | 47 | 2.22 | 0.063 | 21.11 | 36.67 | 1.47 | 0.22 | 8.69 | 0.401 | 23.41 | 0.04 | 0.05 | 0.009 | 0.293 | X | X | 2061 | 5.52 |
| MRC196 | MD20041 | 47 | 48 | 3.25 | 0.083 | 22.62 | 37.51 | 4.64 | 0.22 | 7.49 | 0.773 | 17.59 | 0.52 | 0.49 | 0.013 | 0.194 | X | X | 3811 | 4.11 |
| MRC196 | MD20042 | 48 | 49 | 3.66 | 0.109 | 18.82 | 42.95 | 6.89 | 0.22 | 10.23 | 0.691 | 13.51 | 0.27 | 0.85 | 0.014 | 0.132 | X | X | 4867 | 2.3 |
| MRC196 | MD20043 | 49 | 50 | 6.32 | 0.246 | 28.9 | 28.81 | 8.19 | 0.26 | 9.75 | 2.042 | 10.04 | 0.27 | 0.51 | 0.017 | 0.072 | X | 0.01 | 2685 | 3.9 |
| MRC196 | MD20044 | 50 | 51 | 3.87 | 0.185 | 24.59 | 37.18 | 10.93 | 0.21 | 9.08 | 0.786 | 9.15 | 0.23 | 1.6 | 0.014 | 0.038 | X | X | 2682 | 2.22 |
| MRC196 | MD20045 | 51 | 52 | 4.44 | 0.228 | 27.89 | 35.79 | 9.52 | 0.22 | 8.43 | 0.512 | 10.03 | 0.18 | 1.17 | 0.017 | 0.058 | X | X | 2416 | 1.52 |
| MRC196 | MD20046 | 52 | 53 | 7.51 | 0.367 | 40.06 | 23.01 | 6.03 | 0.29 | 8.01 | 0.4 | 9.98 | 0.06 | 0.25 | 0.025 | 0.033 | X | X | 2602 | 3.25 |
| MRC196 | MD20047 | 53 | 54 | 2.29 | 0.07 | 22.76 | 36.96 | 5.13 | 0.23 | 9.24 | 0.408 | 17.14 | 0.02 | 0.1 | 0.011 | 0.189 | X | X | 2183 | 4.94 |
| MRC196 | MD20048 | 54 | 55 | 3.22 | 0.064 | 25.13 | 36.91 | 3.64 | 0.27 | 8.42 | 0.353 | 18.06 | 0.02 | 0.05 | 0.015 | 0.205 | X | X | 3941 | 3.83 |
| MRC196 | MD20049 | 55 | 56 | 2.24 | 0.045 | 22.68 | 38.55 | 3.21 | 0.23 | 8.92 | 0.519 | 18.53 | 0.02 | 0.03 | 0.011 | 0.226 | X | X | 1294 | 3.86 |
| MRC196 | MD20050 | 56 | 57 | 2.85 | 0.079 | 23.91 | 36.46 | 4.03 | 0.24 | 6.88 | 2.377 | 18.07 | 0.18 | 0.04 | 0.013 | 0.213 | X | X | 4011 | 4.46 |
| MRC196 | MD20051 | 57 | 58 | 7.24 | 0.377 | 43.35 | 25.34 | 4.02 | 0.27 | 4.88 | 0.901 | 12.52 | 0.03 | 0.05 | 0.022 | 0.105 | X | X | 3814 | 1.86 |
| MRC196 | MD20052 | 58 | 59 | 2.39 | 0.121 | 20.04 | 41.17 | 3.9 | 0.18 | 12.19 | 0.689 | 14.87 | 0.12 | 0.28 | 0.014 | 0.293 | X | X | 3962 | 2.8 |
| MRC196 | MD20053 | 59 | 60 | 3.89 | 0.192 | 26.22 | 37.18 | 4.94 | 0.22 | 10.97 | 0.476 | 12.31 | 0.12 | 0.4 | 0.012 | 0.129 | X | X | 2793 | 2.42 |
| MRC196 | MD20054 | 60 | 61 | 5.89 | 0.316 | 35.28 | 31.23 | 5.82 | 0.23 | 7.94 | 0.345 | 11.19 | 0.17 | 0.4 | 0.017 | 0.04 | X | X | 4381 | 0.86 |
| MRC196 | MD20055 | 61 | 62 | 5.26 | 0.302 | 35.44 | 26.79 | 4.68 | 0.22 | 4.6 | 0.572 | 16.14 | 0.01 | 0.03 | 0.018 | 0.212 | X | X | 2196 | 4.47 |
| MRC196 | MD20056 | 62 | 63 | 0.24 | 0.013 | 9.7 | 38.89 | 2.12 | 0.08 | 1.7 | 0.165 | 35.49 | X | X | X | 0.212 | X | X | 2234 | 11.09 |
| MRC196 | MD20057 | 63 | 64 | 0.25 | 0.014 | 8.37 | 44.91 | 2.05 | 0.11 | 2.49 | 0.158 | 32.74 | X | X | 0.006 | 0.207 | X | X | 2495 | 8.62 |
| MRC196 | MD20058 | 64 | 65 | 0.27 | 0.015 | 8.65 | 45.57 | 3.2 | 0.1 | 1.91 | 0.201 | 32.39 | X | X | X | 0.188 | X | X | 1863 | 7.16 |
| MRC196 | MD20059 | 65 | 66 | 0.32 | 0.014 | 8.88 | 41.71 | 3.43 | 0.13 | 1.84 | 0.188 | 33.56 | X | X | X | 0.205 | X | X | 1543 | 8.96 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC197 | MD8377 | 0 | 1 | 4.54 | 0.216 | 31.29 | 32.11 | 7.95 | 0.32 | 7.49 | 0.036 | 2.73 | 0.99 | 0.4 | 0.01 | 0.016 | X | X | 998.7 | 11.5 |
| MRC197 | MD8378 | 1 | 2 | 4.83 | 0.274 | 34.84 | 29.65 | 9.85 | 0.22 | 4.47 | 0.073 | 3.8 | 0.66 | 0.86 | 0.01 | 0.016 | X | 0.01 | 551 | 9.64 |
| MRC197 | MD8379 | 2 | 3 | 4.13 | 0.175 | 22.89 | 46.46 | 14.69 | 0.09 | 0.58 | 0.128 | 1.58 | 0.75 | 1.42 | 0.009 | 0.015 | X | 0.01 | 875.4 | 6.91 |
| MRC197 | MD8380 | 3 | 4 | 3.95 | 0.171 | 22.67 | 46.43 | 15.76 | 0.08 | 0.47 | 0.117 | 1.41 | 0.75 | 1.78 | 0.008 | 0.013 | X | X | 484.7 | 6.78 |
| MRC197 | MD8381 | 4 | 5 | 3.52 | 0.136 | 18.69 | 51.61 | 13.62 | 0.07 | 0.92 | 0.071 | 1.28 | 0.58 | 3.62 | X | X | X | X | 697.9 | 5.37 |
| MRC197 | MD8382 | 5 | 6 | 3.59 | 0.122 | 17.58 | 49.8 | 15.41 | 0.09 | 3.89 | 0.047 | 2.37 | 0.43 | 2.75 | X | X | X | X | 2183.5 | 4.09 |
| MRC197 | MD8383 | 6 | 7 | 3.51 | 0.118 | 17.57 | 49 | 16.15 | 0.08 | 2.98 | 0.051 | 1.91 | 0.46 | 2.78 | X | X | X | X | 1452.6 | 5.07 |
| MRC197 | MD8384 | 7 | 8 | 3.81 | 0.131 | 19.18 | 48.09 | 14.92 | 0.1 | 4.2 | 0.046 | 2.58 | 0.43 | 2.57 | 0.006 | X | X | X | 1761.9 | 4 |
| MRC197 | MD8385 | 8 | 9 | 8.96 | 0.328 | 35.04 | 38.03 | 9.36 | 0.15 | 0.48 | 0.074 | 1.16 | 0.2 | 1.56 | 0.007 | X | X | X | 2018.2 | 4.67 |
| MRC197 | MD8386 | 9 | 10 | 4.05 | 0.133 | 19.68 | 47.29 | 15.47 | 0.1 | 3.42 | 0.048 | 2.45 | 0.23 | 2.52 | 0.006 | X | X | X | 4394.2 | 4.48 |
| MRC197 | MD8387 | 10 | 11 | 5.46 | 0.193 | 23.83 | 42.94 | 14.63 | 0.11 | 2.94 | 0.048 | 2.34 | 0.17 | 1.83 | 0.007 | X | X | X | 1732.2 | 5.27 |
| MRC197 | MD8388 | 11 | 12 | 3.63 | 0.133 | 17.67 | 45.51 | 15.8 | 0.13 | 6.15 | 0.021 | 4.29 | 0.4 | 2.55 | 0.008 | X | X | X | 3058.1 | 3.03 |
| MRC197 | MD8389 | 12 | 13 | 3.78 | 0.142 | 18.58 | 44.3 | 14.29 | 0.18 | 8.54 | 0.006 | 6 | 0.44 | 2.47 | 0.011 | X | X | X | 4342.9 | 1.46 |
| MRC197 | MD8390 | 13 | 14 | 4.59 | 0.172 | 21.12 | 41.66 | 13.45 | 0.2 | 8.44 | 0.008 | 6.19 | 0.31 | 2.18 | 0.012 | X | X | X | 1668.6 | 1.32 |
| MRC197 | MD8391 | 14 | 15 | 5.08 | 0.192 | 24.49 | 36.57 | 13.92 | 0.2 | 8.12 | 0.01 | 5.87 | 0.35 | 1.98 | 0.017 | X | X | X | 2745.7 | 2.83 |
| MRC197 | MD8392 | 15 | 16 | 5.05 | 0.182 | 26.45 | 34.93 | 13.6 | 0.18 | 8.01 | 0.296 | 5.12 | 0.61 | 1.61 | 0.013 | X | X | X | 2860.4 | 3.15 |
| MRC197 | MD8393 | 16 | 17 | 5.45 | 0.186 | 24.56 | 37.33 | 12.15 | 0.2 | 9.45 | 1.697 | 6.19 | 0.51 | 1.49 | 0.015 | X | X | X | 2355.5 | 2.48 |
| MRC197 | MD8394 | 17 | 18 | 4.13 | 0.16 | 20.12 | 41.85 | 13.05 | 0.2 | 10.37 | 0.125 | 6.53 | 0.54 | 1.81 | 0.013 | X | X | X | 5945.3 | 1.39 |
| MRC197 | MD8395 | 18 | 19 | 2.63 | 0.1 | 21.17 | 41.77 | 12.99 | 0.18 | 10.19 | 0.037 | 6.19 | 0.61 | 1.84 | 0.013 | X | X | X | 6385 | 2.43 |
| MRC197 | MD8396 | 19 | 20 | 2.67 | 0.106 | 17.59 | 43.32 | 13.75 | 0.17 | 10.78 | 0.056 | 7.47 | 0.57 | 1.78 | 0.012 | X | X | X | 3979.4 | 1.71 |
| MRC197 | MD8397 | Blank | silica | 0.17 | X | 3.2 | 94.62 | 0.66 | 0.02 | 0.54 | 0.004 | 0.36 | 0.02 | 0.09 | X | X | X | X | 555.2 | 0.21 |
| MRC197 | MD8398 | **GV03 STD** | **4.3** | 4.26 | 0.329 | 28.87 | 33.92 | 16.88 | 0.17 | 2.97 | 0.072 | 3.6 | 0.19 | 0.9 | 0.015 | 0.04 | X | X | 10.6 | 7.65 |
| MRC197 | MD8399 | Dup | 19-20 | 2.64 | 0.106 | 17.16 | 43.64 | 13.78 | 0.17 | 10.95 | 0.054 | 7.47 | 0.6 | 1.77 | 0.012 | X | X | X | 4905.7 | 1.77 |
| MRC198 | MD8320 | 0 | 1 | 5.2 | 0.057 | 10.93 | 34.79 | 8.51 | 0.16 | 11.54 | 0.023 | 9.21 | 0.5 | 1.53 | X | X | X | X | 1169 | 16.71 |
| MRC198 | MD8321 | 1 | 2 | 5.66 | 0.116 | 16.76 | 43.76 | 13.88 | 0.18 | 7.73 | 0.005 | 6.39 | 0.45 | 3.21 | 0.008 | X | X | X | 1110 | 2.19 |
| MRC198 | MD8322 | 2 | 3 | 6.01 | 0.101 | 17.04 | 43.93 | 13.99 | 0.18 | 8.05 | 0.004 | 5.88 | 0.3 | 3.28 | 0.008 | X | X | X | 967 | 1.45 |
| MRC198 | MD8323 | 3 | 4 | 5.51 | 0.098 | 16.17 | 46.16 | 14.33 | 0.17 | 6.83 | 0.007 | 5.42 | 0.38 | 3.38 | 0.008 | X | X | X | 1977 | 1.95 |
| MRC198 | MD8324 | 4 | 5 | 2.83 | 0.056 | 8.98 | 70.57 | 8.07 | 0.08 | 2.7 | 0.004 | 2.33 | 0.26 | 1.88 | X | X | X | X | 1025 | 1.53 |
| MRC198 | MD8325 | 5 | 6 | 0.2 | 0.008 | 1.97 | 94.71 | 1.61 | 0.01 | 0.35 | 0.006 | 0.32 | 0.03 | 0.53 | X | 0.009 | X | X | 1932 | 0.29 |
| MRC198 | MD8326 | 6 | 7 | 2.42 | 0.056 | 8.01 | 73.13 | 7.99 | 0.07 | 2.77 | 0.005 | 2.19 | 0.17 | 2.06 | X | X | X | X | 3961 | 1.24 |
| MRC198 | MD8327 | 7 | 8 | 2.69 | 0.055 | 8.45 | 73.06 | 7.86 | 0.07 | 2.32 | 0.007 | 1.95 | 0.13 | 1.84 | X | X | X | X | 3131 | 1.51 |
| MRC198 | MD8328 | 8 | 9 | 2.36 | 0.048 | 8.68 | 72.76 | 7.56 | 0.07 | 1.98 | 0.009 | 2.02 | 0.12 | 2.1 | X | 0.006 | X | X | 3078 | 1.9 |
| MRC198 | MD8329 | 9 | 10 | 5.65 | 0.102 | 16.85 | 47.37 | 14.56 | 0.17 | 4.74 | 0.011 | 4.07 | 0.24 | 3.46 | 0.006 | X | X | X | 2246 | 2.72 |
| MRC198 | MD8330 | 10 | 11 | 5.59 | 0.106 | 16.91 | 46.1 | 15.19 | 0.15 | 4.35 | 0.018 | 4.18 | 0.29 | 2.73 | 0.008 | X | X | X | 2656 | 4 |
| MRC198 | MD8331 | 11 | 12 | 5.16 | 0.092 | 15.66 | 46.5 | 14.92 | 0.16 | 7.09 | 0.007 | 5.28 | 0.26 | 3.36 | 0.007 | X | X | X | 3010 | 1.63 |
| MRC198 | MD8332 | 12 | 13 | 5.3 | 0.089 | 15.93 | 46.26 | 14.55 | 0.17 | 6.49 | 0.005 | 4.95 | 0.4 | 3.39 | 0.009 | X | X | X | 3331 | 1.82 |
| MRC198 | MD8333 | 13 | 14 | 4.91 | 0.088 | 15.04 | 46.6 | 14.38 | 0.17 | 8 | X | 5.44 | 0.55 | 3.38 | 0.007 | X | X | X | 3279 | 0.99 |
| MRC198 | MD8334 | 14 | 15 | 4.73 | 0.093 | 16.1 | 45.78 | 14.57 | 0.17 | 7.26 | 0.002 | 5.33 | 0.58 | 3.14 | 0.01 | X | X | X | 2707 | 1.7 |
| MRC198 | MD8335 | 15 | 16 | 2.51 | 0.05 | 10.43 | 72.31 | 7.46 | 0.07 | 1.46 | 0.003 | 1.59 | 0.26 | 1.33 | X | X | X | X | 1273 | 2.15 |
| MRC198 | MD8336 | 16 | 17 | 2.98 | 0.059 | 11.08 | 67.47 | 9.22 | 0.1 | 2.49 | 0.003 | 2.24 | 0.31 | 1.78 | 0.007 | X | X | X | 2090 | 2.01 |
| MRC198 | MD8337 | 17 | 18 | 4.43 | 0.128 | 19.15 | 46.35 | 14.24 | 0.32 | 4.6 | 0.005 | 4.74 | 0.65 | 2.92 | 0.011 | 0.018 | X | X | 4446 | 2.59 |
| MRC198 | MD8338 | 18 | 19 | 9.34 | 0.254 | 35.36 | 32.36 | 9.2 | 0.38 | 3.02 | 0.07 | 3.14 | 0.51 | 1.33 | 0.01 | X | X | X | 5025 | 5.27 |
| MRC198 | MD8339 | 19 | 20 | 9.23 | 0.286 | 27.06 | 35.47 | 10.68 | 0.19 | 5.85 | 0.772 | 4.6 | 0.63 | 1.15 | 0.01 | 0.007 | X | X | 992 | 3.99 |
| MRC198 | MD8340 | 20 | 21 | 5.94 | 0.141 | 20.87 | 41.65 | 12.8 | 0.26 | 7.84 | 0.009 | 5.49 | 0.43 | 2.3 | 0.009 | 0.009 | X | X | 4338 | 1.91 |
| MRC198 | MD8341 | 21 | 22 | 5.82 | 0.139 | 22.53 | 38.17 | 14.65 | 0.24 | 6.23 | 0.016 | 5.83 | 0.62 | 2.1 | 0.009 | 0.005 | X | X | 866 | 3.22 |
| MRC198 | MD8342 | 22 | 23 | 3.83 | 0.09 | 22.07 | 44.79 | 5.33 | 0.25 | 5.92 | 0.007 | 13.53 | 0.15 | 0.78 | 0.009 | 0.218 | X | X | 1480 | 3.2 |
| MRC198 | MD8343 | 23 | 24 | 2.17 | 0.062 | 20.08 | 39.24 | 1.62 | 0.25 | 9.34 | 0.017 | 17.51 | 0.09 | 0.44 | 0.008 | 0.265 | X | X | 3234 | 9.33 |
| MRC198 | MD8344 | 24 | 25 | 2.25 | 0.062 | 20.88 | 37.87 | 1.66 | 0.23 | 8.05 | 0.199 | 21.91 | 0.06 | 0.23 | 0.007 | 0.285 | X | X | 4217 | 5.99 |
| MRC198 | MD8345 | 25 | 26 | 2.51 | 0.064 | 18.96 | 36.97 | 2.57 | 0.22 | 8.9 | 0.308 | 19.25 | 0.03 | 0.2 | 0.007 | 0.231 | X | X | 3562 | 9.38 |
| MRC198 | MD8346 | 26 | 27 | 5.44 | 0.086 | 18.54 | 39.97 | 13.81 | 0.24 | 7.69 | 0.023 | 8.31 | 0.36 | 2.45 | 0.011 | X | X | X | 1759 | 3.66 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC198 | MD8347 | 27 | 28 | 3.22 | 0.054 | 10.78 | 62.85 | 9.25 | 0.14 | 5.71 | 0.039 | 4.2 | 0.28 | 2.18 | 0.005 | X | X | X | 2207 | 0.96 |
| MRC198 | MD8348 | 28 | 29 | 3.36 | 0.053 | 15.59 | 58.17 | 9.35 | 0.13 | 5.04 | 1.116 | 3.78 | 0.37 | 2.14 | 0.005 | X | X | X | 3701 | 1.7 |
| MRC198 | MD8349 | 29 | 30 | 4.51 | 0.069 | 14.86 | 49.91 | 12.94 | 0.18 | 7.57 | 0.025 | 5.18 | 0.35 | 3.07 | 0.008 | X | X | X | 3020 | 0.69 |
| MRC198 | MD8350 | 30 | 31 | 2.56 | 0.041 | 8.85 | 70.75 | 7.92 | 0.11 | 3.97 | 0.068 | 2.84 | 0.38 | 1.77 | X | X | X | X | 3428 | 0.82 |
| MRC198 | MD8351 | 31 | 32 | 3.43 | 0.061 | 12.74 | 60.36 | 10 | 0.13 | 4.99 | 0.838 | 3.86 | 0.32 | 2.25 | 0.006 | X | X | X | 4288 | 1.37 |
| MRC198 | MD8352 | 32 | 33 | 1.53 | 0.025 | 5.97 | 82.07 | 4.21 | 0.06 | 2.64 | 0.314 | 1.79 | 0.1 | 1.03 | X | X | X | X | 2556 | 0.47 |
| MRC198 | MD8353 | 33 | 34 | 4.09 | 0.072 | 13.63 | 55.64 | 11.35 | 0.16 | 6.81 | 0.231 | 4.89 | 0.23 | 2.89 | 0.007 | X | X | X | 4658 | 0.45 |
| MRC198 | MD8354 | 34 | 35 | 4.89 | 0.08 | 15.3 | 47.19 | 13.53 | 0.18 | 7.79 | 0.533 | 5.36 | 0.51 | 2.96 | 0.008 | X | X | X | 3408 | 1.24 |
| MRC198 | MD8355 | 35 | 36 | 4.56 | 0.08 | 14.14 | 43.75 | 13.8 | 0.19 | 11.4 | 0.156 | 5.35 | 0.37 | 2.98 | 0.007 | X | X | X | 2657 | 2.5 |
| MRC198 | MD8356 | 36 | 37 | 4.88 | 0.075 | 15.02 | 44.55 | 14.41 | 0.18 | 10.57 | 0.25 | 5.53 | 0.34 | 3.35 | 0.007 | X | X | X | 4553 | 1.45 |
| MRC198 | MD8357 | 37 | 38 | 3.99 | 0.068 | 12.77 | 47.6 | 12.24 | 0.16 | 11.48 | 0.321 | 4.77 | 0.3 | 2.92 | 0.008 | X | X | X | 2515 | 3.03 |
| MRC198 | MD8358 | 38 | 39 | 4.37 | 0.08 | 14.04 | 42.11 | 14.93 | 0.18 | 11.68 | 0.188 | 5.48 | 0.61 | 3.25 | 0.008 | X | X | X | 1985 | 3.59 |
| MRC198 | MD8359 | Blank | silica | 0.02 | X | 0.25 | 99.42 | 0.01 | X | 0.02 | X | 0.02 | X | 0.03 | X | X | X | X | 369 | 0.14 |
| MRC198 | MD8360 | **GV03 STD** | **4.3** | 9.13 | 0.786 | 48.9 | 19.83 | 11.36 | 0.16 | 2.49 | 0.209 | 2.81 | 0.08 | 0.6 | 0.03 | 0.562 | X | X | 11 | 2.87 |
| MRC198 | MD8361 | Dup | 39-40 | 4.32 | 0.08 | 13.97 | 41.96 | 14.96 | 0.18 | 11.82 | 0.173 | 5.48 | 0.65 | 3.22 | 0.008 | X | X | X | 2884 | 3.57 |
| MRC198 | MD8362 | 39 | 40 | 4.33 | 0.072 | 13.77 | 45.46 | 14.51 | 0.18 | 10.63 | 0.063 | 5.48 | 0.27 | 3.72 | 0.008 | X | X | X | 2720 | 1.83 |
| MRC198 | MD8363 | 40 | 41 | 3.13 | 0.059 | 11.48 | 52.67 | 11.78 | 0.14 | 9.42 | 0.073 | 4.86 | 0.34 | 2.92 | 0.006 | 0.007 | X | X | 2437 | 2.74 |
| MRC198 | MD8364 | 41 | 42 | 3.38 | 0.059 | 10.7 | 46.39 | 16.55 | 0.13 | 10.36 | 0.045 | 4.09 | 0.54 | 4.17 | 0.006 | X | X | X | 1879 | 3.06 |
| MRC198 | MD8365 | 42 | 43 | 3.59 | 0.067 | 10.8 | 45.18 | 16.78 | 0.15 | 10.88 | 0.083 | 3.87 | 0.65 | 4.08 | X | X | X | X | 4502 | 3.22 |
| MRC198 | MD8366 | 43 | 44 | 4.51 | 0.09 | 16.31 | 40.4 | 15.41 | 0.21 | 10.92 | 0.104 | 6.01 | 0.27 | 3.02 | 0.009 | X | X | X | 2609 | 2.95 |
| MRC198 | MD8367 | 44 | 45 | 2.28 | 0.062 | 20.44 | 37.73 | 1.89 | 0.21 | 7.43 | 0.289 | 21.73 | 0.02 | 0.17 | 0.009 | 0.274 | X | X | 4507 | 6.94 |
| MRC198 | MD8368 | 45 | 45 | 1.97 | 0.053 | 19.7 | 36.38 | 1.98 | 0.23 | 8.18 | 0.291 | 22.8 | 0.02 | 0.1 | 0.007 | 0.281 | X | X | 5383 | 7.71 |
| MRC198 | MD8369 | 46 | 47 | 1.85 | 0.052 | 17.52 | 47.12 | 1.95 | 0.18 | 8.05 | 0.923 | 19.3 | 0.08 | 0.2 | 0.009 | 0.24 | X | X | 4260 | 3.12 |
| MRC198 | MD8370 | 47 | 48 | 1.96 | 0.099 | 16.02 | 41.58 | 12.07 | 0.18 | 12.26 | 0.507 | 9.54 | 0.47 | 1.7 | 0.01 | 0.064 | X | X | 2899 | 3.47 |
| MRC198 | MD8371 | 48 | 49 | 4.68 | 0.186 | 25.14 | 37.52 | 13.57 | 0.21 | 7.65 | 0.633 | 8.07 | 0.23 | 1.65 | 0.012 | X | X | X | 4866 | 0.64 |
| MRC198 | MD8372 | 49 | 50 | 4.63 | 0.209 | 26.94 | 36.06 | 12.88 | 0.24 | 8.13 | 0.608 | 8.7 | 0.2 | 1.32 | 0.014 | 0.009 | X | X | 3726 | 1.1 |
| MRC198 | MD8373 | 50 | 51 | 1.49 | 0.103 | 14.98 | 45.61 | 14.53 | 0.18 | 10.59 | 0.064 | 8.61 | 0.21 | 2.19 | 0.006 | 0.049 | X | X | 1880 | 0.87 |
| MRC198 | MD8374 | 51 | 52 | 2.25 | 0.109 | 18.84 | 42.02 | 6.67 | 0.2 | 10.24 | 0.184 | 15.63 | 0.09 | 0.51 | 0.007 | 0.159 | X | X | 2437 | 3.24 |
| MRC198 | MD8375 | 52 | 53 | 2.14 | 0.065 | 21.22 | 38.91 | 1.69 | 0.21 | 7.58 | 0.183 | 23.17 | 0.01 | 0.07 | 0.005 | 0.285 | X | X | 2214 | 4.23 |
| MRC198 | MD8376 | 53 | 54 | 2.29 | 0.061 | 21.86 | 41.09 | 1.86 | 0.22 | 6.92 | 0.27 | 21.99 | X | 0.03 | 0.006 | 0.275 | X | X | 2208 | 2.85 |
| MRC198 | MD20027 | 54 | 55 | 2.07 | 0.1 | 23.74 | 42.53 | 2.01 | 0.19 | 8.05 | 0.449 | 18.89 | X | X | 0.009 | 0.216 | X | X | 4359 | 2.07 |
| MRC198 | MD20028 | 55 | 56 | 2.2 | 0.115 | 24.73 | 40.42 | 2 | 0.2 | 9.07 | 0.556 | 17.51 | X | 0.01 | 0.009 | 0.201 | X | X | 3697 | 2.31 |
| MRC198 | MD20029 | 56 | 57 | 2.47 | 0.125 | 25.13 | 37.4 | 2.32 | 0.23 | 9.43 | 0.724 | 17.41 | X | X | 0.011 | 0.189 | X | X | 2985 | 3.65 |
| MRC198 | MD20030 | 57 | 58 | 2.7 | 0.124 | 25.34 | 36.15 | 2.69 | 0.24 | 9.19 | 0.752 | 17.14 | X | X | 0.013 | 0.184 | X | X | 4552 | 4.13 |
| MRC198 | MD20031 | 58 | 59 | 2.61 | 0.116 | 26.73 | 36.79 | 2.32 | 0.24 | 8.67 | 0.947 | 18.55 | X | X | 0.012 | 0.206 | X | X | 4675 | 2.99 |
| MRC198 | MD20032 | 59 | 60 | 2.54 | 0.119 | 26.07 | 36.64 | 2.24 | 0.25 | 8.67 | 0.676 | 18.62 | X | X | 0.011 | 0.211 | X | X | 2330 | 3.36 |
| MRC198 | MD20033 | 60 | 61 | 2.61 | 0.12 | 26.47 | 38.79 | 2.85 | 0.21 | 8.07 | 0.66 | 18.1 | X | X | 0.011 | 0.201 | X | X | 5451 | 2.59 |
| MRC198 | MD20034 | 61 | 62 | 8.84 | 0.358 | 39.65 | 22.83 | 8.48 | 0.32 | 8.32 | 1.023 | 7.52 | 0.09 | 0.38 | 0.024 | 0.024 | X | X | 2797 | 1.35 |
| MRC198 | MD20035 | 62 | 63 | 9.14 | 0.352 | 39.11 | 27.08 | 8.58 | 0.27 | 7.66 | 0.838 | 6.3 | 0.15 | 0.58 | 0.022 | X | X | X | 3356 | 0.19 |
| MRC198 | MD20036 | 63 | 64 | 5.05 | 0.239 | 27.92 | 36.61 | 9.85 | 0.22 | 9.98 | 0.775 | 7.82 | 0.24 | 0.94 | 0.019 | 0.02 | X | X | 3167 | 0.62 |
| MRC198 | MD20037 | 64 | 65 | 7.32 | 0.329 | 34.97 | 30.63 | 7.07 | 0.24 | 9.33 | 0.824 | 7.56 | 0.16 | 0.56 | 0.018 | X | X | X | 3505 | 0.42 |
| MRC198 | MD20038 | 65 | 66 | 6.24 | 0.294 | 31.84 | 30.66 | 7.71 | 0.23 | 9.66 | 1.715 | 8.18 | 0.14 | 0.49 | 0.016 | 0.011 | X | X | 3047 | 1.47 |
| MRC199 | MD8259 | 0 | 1 | 6.78 | 0.072 | 14.58 | 43.95 | 11.23 | 0.2 | 7.62 | 0.026 | 5.43 | 0.69 | 1.82 | 0.006 | 0.01 | X | X | 1888 | 7.98 |
| MRC199 | MD8260 | 1 | 2 | 5.45 | 0.112 | 16.21 | 44.64 | 14.66 | 0.17 | 7.32 | 0.014 | 5.5 | 0.43 | 3.34 | 0.006 | X | X | X | 2128 | 1.7 |
| MRC199 | MD8261 | 2 | 3 | 5.56 | 0.112 | 16.48 | 46.01 | 15.01 | 0.16 | 5.37 | 0.015 | 4.22 | 0.44 | 3.6 | 0.006 | X | X | X | 2544 | 2.5 |
| MRC199 | MD8262 | 3 | 4 | 4.4 | 0.092 | 13.6 | 56.81 | 11.98 | 0.12 | 4.87 | 0.01 | 3.68 | 0.25 | 2.71 | X | X | X | X | 2412 | 1.69 |
| MRC199 | MD8263 | 4 | 5 | 5.45 | 0.106 | 16.78 | 44.68 | 14.36 | 0.17 | 7.75 | 0.006 | 5.63 | 0.22 | 3.08 | 0.007 | X | X | X | 2369 | 1.25 |
| MRC199 | MD8264 | 5 | 6 | 5.1 | 0.094 | 16.52 | 46.76 | 14.37 | 0.17 | 7.34 | 0.011 | 5.39 | 0.23 | 2.97 | 0.008 | 0.005 | X | X | 4851 | 1.48 |
| MRC199 | MD8265 | 6 | 7 | 5.59 | 0.092 | 16.97 | 45.99 | 13.62 | 0.16 | 7.34 | 0.013 | 5.35 | 0.22 | 2.71 | 0.008 | X | X | X | 3639 | 1.58 |
| MRC199 | MD8266 | 7 | 8 | 5.76 | 0.097 | 16.72 | 45.17 | 14.61 | 0.16 | 6.81 | 0.015 | 4.95 | 0.31 | 2.64 | 0.007 | X | X | X | 3907 | 2.15 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC199 | MD8267 | 8 | 9 | 5.54 | 0.089 | 16.39 | 44.48 | 14.72 | 0.17 | 7.64 | 0.008 | 5.37 | 0.28 | 3.02 | 0.007 | X | X | X | 1995 | 1.48 |
| MRC199 | MD8268 | 9 | 10 | 5.4 | 0.094 | 17 | 44.53 | 14.69 | 0.17 | 7.77 | 0.007 | 5.73 | 0.25 | 2.88 | 0.007 | X | X | X | 4111 | 1.38 |
| MRC199 | MD8269 | 10 | 11 | 4.88 | 0.086 | 15.57 | 45.62 | 14.63 | 0.16 | 8.78 | 0.011 | 5.73 | 0.44 | 2.81 | 0.006 | X | X | X | 3478 | 1.18 |
| MRC199 | MD8270 | 11 | 12 | 4.78 | 0.078 | 14.9 | 46 | 14.86 | 0.16 | 8.75 | 0.004 | 5.45 | 0.52 | 2.91 | 0.007 | X | X | X | 2630 | 1.13 |
| MRC199 | MD8271 | 12 | 13 | 4.82 | 0.085 | 15.56 | 45.81 | 14.56 | 0.16 | 7.98 | 0.005 | 5.57 | 0.44 | 3.32 | 0.007 | X | X | X | 3052 | 1.4 |
| MRC199 | MD8272 | 13 | 14 | 5.28 | 0.086 | 15.88 | 44.9 | 14.51 | 0.17 | 8.13 | 0.003 | 5.68 | 0.29 | 3.39 | 0.006 | X | X | X | 4226 | 0.82 |
| MRC199 | MD8273 | 14 | 15 | 5.37 | 0.089 | 16.2 | 44.63 | 14.56 | 0.18 | 8.56 | 0.002 | 5.87 | 0.21 | 3.48 | 0.007 | X | X | X | 4548 | 0.39 |
| MRC199 | MD8274 | 15 | 16 | 5.25 | 0.088 | 16.14 | 45.45 | 14.73 | 0.17 | 8.54 | 0.002 | 5.61 | 0.24 | 3.49 | 0.007 | X | X | X | 2701 | 0.65 |
| MRC199 | MD8275 | 16 | 17 | 5.58 | 0.095 | 16.55 | 45.89 | 14.65 | 0.19 | 6.12 | 0.003 | 5.09 | 0.58 | 2.92 | 0.007 | X | X | X | 1770 | 1.91 |
| MRC199 | MD8276 | 17 | 18 | 5.08 | 0.084 | 16.01 | 45.91 | 14.64 | 0.18 | 7.86 | 0.004 | 5.63 | 0.32 | 3.51 | 0.007 | X | X | X | 3697 | 0.79 |
| MRC199 | MD8277 | 18 | 19 | 5.06 | 0.085 | 16.12 | 47.56 | 13.69 | 0.17 | 7.5 | 0.005 | 5.5 | 0.29 | 3.38 | 0.007 | X | X | X | 1963 | 1.18 |
| MRC199 | MD8278 | 19 | 20 | 3.95 | 0.07 | 13.02 | 57.77 | 10.98 | 0.14 | 5.46 | 0.005 | 4.11 | 0.3 | 2.67 | 0.005 | X | X | X | 4298 | 1.07 |
| MRC199 | MD8279 | Blank | silica | 0.15 | 0.006 | 2.06 | 96.74 | 0.45 | 0.01 | 0.26 | X | 0.21 | 0.02 | 0.13 | X | X | X | X | 482 | -0.2 |
| MRC199 | MD8280 | **GV01 STD** | **14.1** | 14.07 | 1.248 | 69.8 | 4.28 | 5.68 | 0.15 | 0.08 | 0.065 | 1.32 | X | 0.02 | 0.037 | 0.727 | X | X | 11 | 2.17 |
| MRC199 | MD8281 | Dup | 19-20 | 4.8 | 0.085 | 14.98 | 50.39 | 12.8 | 0.16 | 6.46 | 0.008 | 4.9 | 0.36 | 3.04 | 0.006 | X | X | X | 4670 | 1.23 |
| MRC199 | MD8282 | 20 | 21 | 5.96 | 0.109 | 17.71 | 43.23 | 14.58 | 0.19 | 7.81 | 0.005 | 5.95 | 0.26 | 3.27 | 0.009 | X | X | X | 2244 | 1.17 |
| MRC199 | MD8283 | 21 | 22 | 3.78 | 0.093 | 16.62 | 43.56 | 15.06 | 0.19 | 9.23 | 0.002 | 7.26 | 0.35 | 2.77 | 0.008 | 0.019 | X | X | 4552 | 1.28 |
| MRC199 | MD8284 | 22 | 23 | 2.61 | 0.072 | 23.74 | 46.35 | 2.89 | 0.28 | 5.69 | 0.01 | 13.14 | 0.06 | 0.85 | 0.009 | 0.275 | X | X | 2578 | 3.2 |
| MRC199 | MD8285 | 23 | 24 | 3.9 | 0.071 | 21 | 41.72 | 7.72 | 0.24 | 7.9 | 0.055 | 12.53 | 0.18 | 1.16 | 0.008 | 0.132 | X | X | 2620 | 2.58 |
| MRC199 | MD8286 | 24 | 25 | 4.21 | 0.067 | 13.29 | 56.52 | 10.64 | 0.17 | 6.38 | 0.134 | 4.79 | 0.33 | 1.92 | 0.006 | X | X | X | 1964 | 0.94 |
| MRC199 | MD8287 | 25 | 26 | 5.38 | 0.097 | 16.82 | 43.43 | 13.7 | 0.19 | 9.63 | 0.28 | 6.14 | 0.28 | 2.67 | 0.008 | X | X | X | 3667 | 0.98 |
| MRC199 | MD8288 | 26 | 27 | 5.4 | 0.094 | 16.23 | 44.16 | 13.86 | 0.2 | 9.48 | 0.106 | 5.91 | 0.25 | 3.05 | 0.008 | X | X | X | 3178 | 0.63 |
| MRC199 | MD8289 | 27 | 28 | 4.36 | 0.085 | 14.96 | 39.46 | 12.22 | 0.19 | 14.49 | 0.151 | 5.8 | 0.2 | 2.73 | 0.008 | 0.006 | X | X | 3265 | 4.94 |
| MRC199 | MD8290 | 28 | 29 | 2.78 | 0.053 | 10.32 | 61.94 | 9.31 | 0.13 | 7.49 | 0.097 | 4.08 | 0.19 | 2.01 | 0.006 | 0.007 | X | X | 3765 | 1.73 |
| MRC199 | MD8291 | 29 | 30 | 4.61 | 0.084 | 14.6 | 50.57 | 13 | 0.17 | 7.95 | 0.19 | 5.48 | 0.21 | 2.9 | 0.009 | X | X | X | 3063 | 0.88 |
| MRC199 | MD8292 | 30 | 31 | 4.31 | 0.076 | 14.64 | 44.22 | 14.27 | 0.19 | 10.78 | 0.182 | 5.44 | 0.21 | 3.49 | 0.009 | X | X | X | 4459 | 2.07 |
| MRC199 | MD8293 | 31 | 32 | 5.61 | 0.106 | 18.77 | 41.25 | 13.92 | 0.21 | 9.68 | 0.51 | 6.18 | 0.3 | 2.46 | 0.009 | X | X | X | 2142 | 1.06 |
| MRC199 | MD8294 | 32 | 33 | 8.15 | 0.231 | 30.76 | 31.32 | 11.28 | 0.26 | 7.36 | 2.927 | 6.8 | 0.24 | 1.33 | 0.017 | X | X | X | 2515 | 1.69 |
| MRC199 | MD8295 | 33 | 34 | 8.2 | 0.238 | 31.11 | 33.13 | 10.71 | 0.27 | 7.15 | 2.711 | 6.43 | 0.36 | 1.27 | 0.012 | 0.007 | X | X | 3083 | 1.53 |
| MRC199 | MD8296 | 34 | 35 | 4.29 | 0.133 | 21.22 | 41.61 | 13.14 | 0.2 | 8.68 | 0.885 | 7.08 | 0.38 | 2 | 0.011 | 0.016 | X | X | 2835 | 0.79 |
| MRC199 | MD8297 | 35 | 36 | 7.01 | 0.185 | 25.87 | 35.15 | 11.66 | 0.23 | 7.62 | 1.813 | 6.4 | 0.34 | 1.42 | 0.013 | 0.015 | X | X | 2808 | 1.07 |
| MRC199 | MD8298 | 36 | 37 | 4.46 | 0.138 | 21.01 | 41.32 | 12.56 | 0.22 | 9.18 | 1.051 | 7.88 | 0.18 | 1.91 | 0.01 | 0.031 | X | X | 4040 | 0.94 |
| MRC199 | MD8299 | 37 | 38 | 1.91 | 0.067 | 14.91 | 48.01 | 14.09 | 0.15 | 10.22 | 0.043 | 7.92 | 0.13 | 2.67 | 0.008 | 0.037 | X | X | 3259 | 0.42 |
| MRC199 | MD8300 | 38 | 39 | 6.11 | 0.158 | 20.4 | 40.92 | 12.69 | 0.21 | 9.63 | 0.803 | 6.31 | 0.21 | 2.1 | 0.011 | 0.008 | X | X | 2412 | 0.82 |
| MRC199 | MD8301 | 39 | 40 | 5.47 | 0.122 | 19.28 | 41.86 | 13.45 | 0.2 | 9.82 | 0.459 | 6.16 | 0.21 | 2.1 | 0.008 | X | X | X | 3808 | 0.51 |
| MRC199 | MD8302 | Blank | silica | 0.1 | X | 0.96 | 98.01 | 0.18 | X | 0.14 | 0.012 | 0.1 | X | 0.05 | X | X | X | X | 518 | 0.03 |
| MRC199 | MD8303 | **GV01 STD** | **14.1** | 13.97 | 1.229 | 70.35 | 4.28 | 5.66 | 0.15 | 0.08 | 0.065 | 1.31 | X | 0.03 | 0.033 | 0.719 | X | X | 11 | 2.16 |
| MRC199 | MD8304 | Dup | 39-40 | 5.49 | 0.113 | 18.83 | 42.51 | 13.62 | 0.2 | 9.79 | 0.4 | 6.2 | 0.22 | 2.2 | 0.009 | X | X | X | 3688 | 0.54 |
| MRC199 | MD8305 | 40 | 41 | 5.66 | 0.106 | 19.33 | 42.43 | 13.77 | 0.21 | 9.55 | 0.385 | 6.28 | 0.2 | 2.34 | 0.009 | 0.005 | X | X | 2111 | 0.43 |
| MRC199 | MD8306 | 41 | 42 | 5.78 | 0.091 | 17.95 | 42.58 | 13.68 | 0.22 | 10.03 | 0.138 | 6.38 | 0.25 | 2.51 | 0.009 | X | X | X | 2315 | 0.86 |
| MRC199 | MD8307 | 42 | 43 | 4.71 | 0.088 | 15.98 | 44.23 | 14.59 | 0.19 | 9.84 | 0.136 | 6.11 | 0.29 | 2.8 | 0.009 | X | X | X | 4818 | 0.88 |
| MRC199 | MD8308 | 43 | 44 | 4.86 | 0.084 | 15.87 | 43.47 | 14.16 | 0.19 | 10.51 | 0.121 | 6.02 | 0.27 | 2.65 | 0.008 | X | X | X | 1922 | 1.7 |
| MRC199 | MD8309 | 44 | 45 | 3.33 | 0.083 | 15.24 | 41.44 | 15.02 | 0.17 | 11.99 | 0.099 | 6.99 | 0.46 | 2.35 | 0.011 | 0.021 | X | X | 3053 | 2.55 |
| MRC199 | MD8310 | 45 | 46 | 4.59 | 0.088 | 14.39 | 40.04 | 14.22 | 0.18 | 14.01 | 0.195 | 5.64 | 0.3 | 2.56 | 0.008 | X | X | X | 3316 | 3.61 |
| MRC199 | MD8311 | 46 | 47 | 5.23 | 0.107 | 16.41 | 43.41 | 14.64 | 0.18 | 10.39 | 0.588 | 5.81 | 0.28 | 2.72 | 0.007 | X | X | X | 3880 | 0.72 |
| MRC199 | MD8312 | 47 | 48 | 5 | 0.085 | 15.01 | 46.09 | 14.08 | 0.18 | 9.95 | 0.196 | 5.58 | 0.31 | 3.02 | 0.007 | X | X | X | 2205 | 1.03 |
| MRC199 | MD8313 | 48 | 49 | 4.5 | 0.077 | 14.2 | 46.52 | 13.75 | 0.17 | 10.04 | 0.058 | 5.23 | 0.21 | 3.2 | 0.008 | X | X | X | 4609 | 1.3 |
| MRC199 | MD8314 | 49 | 50 | 4.47 | 0.077 | 14.36 | 45.83 | 14.76 | 0.17 | 9.58 | 0.117 | 5.56 | 0.2 | 3.58 | 0.008 | 0.005 | X | X | 2723 | 0.58 |
| MRC199 | MD8315 | 50 | 51 | 4.46 | 0.077 | 14.21 | 44.81 | 14.75 | 0.18 | 11.12 | 0.31 | 5.36 | 0.28 | 3.62 | 0.007 | X | X | X | 4180 | 1.29 |
| MRC199 | MD8316 | 51 | 52 | 3.67 | 0.067 | 13.03 | 45.94 | 15.13 | 0.16 | 10.52 | 0.178 | 5.52 | 0.21 | 3.91 | 0.007 | X | X | X | 3450 | 1.28 |

| Hole | Sampno | From | To | TiO2 | V2O5 | Fe2O3 | SiO2 | Al2O3 | MnO | CaO | S | MgO | K2O | Na2O | Zn | Cr2O3 | HfO2 | ZrO2 | WTTOT | LOI-1000C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | g | % |
| | | | | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.002 | 0.01 | 0.01 | 0.01 | 0.005 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 |
| | | | | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | FB1/XRF | WT01 | /TGA |
| MRC199 | MD8317 | 52 | 53 | 4.19 | 0.07 | 13.63 | 42.76 | 14.89 | 0.17 | 11.54 | 0.208 | 5.5 | 0.39 | 3.51 | 0.008 | X | X | X | 2557 | 2.5 |
| MRC199 | MD8318 | 53 | 54 | 4.37 | 0.074 | 13.7 | 45.14 | 14.87 | 0.16 | 10.65 | 0.119 | 5.42 | 0.22 | 3.57 | 0.007 | X | X | X | 2421 | 1.3 |
| MRC199 | MD8319 | 54 | 55 | 4.66 | 0.075 | 14.4 | 44.97 | 15.05 | 0.17 | 10.77 | 0.173 | 5.58 | 0.22 | 3.05 | 0.006 | X | X | X | 4364 | 0.83 |

# Appendix 3

# Table 1 & 2
# JORC (2012)

# JORC Code, 2012 Edition – Table 1 report

## Section 1 Sampling Techniques and Data

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sampling techniques* | • *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*<br>• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* | • Audalia Resources Limited (ACP) has completed a step out drill programme to the NW from the 2022 MRE at the Egmont prospect consisting of 28 holes for 946m drilled during November 2024. Results are reported for these holes in the attached ASX announcement, Appendix 2.<br>• Drilling was undertaken using reverse circulation (RC). The RCl cuttings were transported from the face via a volume of air inside an inner steel tube of the drill rod to a static cone splitter to produce a 3kg sample. The bulk of the drill cuttings were placed in a green 600mm x 900mm green bag while the remainder filled a 200mm x 300mm calico bag that was pre-numbered and recorded on a sample sheet for hole number and depth taken. This calico bag was then transported along with the other calico bags to the laboratory for analytical processing. |
| | • *Aspects of the determination of mineralisation that are Material to the Public Report.*<br>*In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.* | • The 2-3kg crushed (-3.35mm) via boyd samples was milled in a LM5 and a 150-200g pulp sample split was taken for assaying while the pulp reject was bagged with a code. The pulp was the subjected to an 18 multi-element Li borate fusion and analysed by XRF. |
| *Drilling techniques* | • *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).* | • A Hydco 40 RC rig using rods of 3m in length with on board compressor of 350 PSI and 1050CFM. The hammer size was 5 inches. |
| *Drill sample recovery* | • *Method of recording and assessing core and chip sample recoveries and results assessed.* | Drill cutting recoveries were noted by weight of the drill cuttings and all intervals had full sample bags indicating a very high recovery rate |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *Measures taken to maximise sample recovery and ensure representative nature of the samples.*<br>• *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.* | • RC used to minimise contamination.<br>• No issues drilling an iron deposit of tens of metres of thickness. |
| *Logging* | • *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*<br>• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*<br>• *The total length and percentage of the relevant intersections logged.* | • The RC drill cuttings have been geologically logged and sieved cuttings have been placed into a chip trap ever metre for a geological log of the hole and photographed.<br>• Quantative<br>• The database contains lithological data for all the core holes. |
| *Sub-sampling techniques and sample preparation* | • *If core, whether cut or sawn and whether quarter, half or all core taken.*<br>• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*<br>• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*<br>• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*<br>• *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.*<br>• *Whether sample sizes are appropriate to the grain size of the material being sampled.* | • Drill cuttings were channelled through a static cone splitter to produce a 3kg sample.<br>• The 3kg sample was placed into a pre-numbered 200mm x 300mm calico bag ever metre. After every 20$^{th}$ metre either a blank, standard or a duplicate sample was inserted into the run. Cube Consulting from Perth visited the site during a 2018 drill programme for an independent review of the QAQC and were fine with the methodology.<br>• Three holes have been twinned previously for sample control and verification. The laboratory performed its own internal controls with repeats and standards inserted.<br>• Drilling sample sizes are considered appropriate for this style of deposit. |
| *Quality of assay data and laboratory tests* | • *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*<br>• *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their* | • Samples were assayed by Intertek (Genalyisis) in Maddington for 15 elements plus LOI with a Li borate fusion an analysed by XRF.<br>• No geophysical tools were used. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *derivation, etc.*<br>• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.* | • The Company has previously twinned three core holes to compare results against one another. Intertek perform their own internal checks. The results are deemed to be acceptable. Approximately 5% of the assays will go to an umpire lab for cross checking. |
| *Verification of sampling and assaying* | • *The verification of significant intersections by either independent or alternative company personnel.*<br>• *The use of twinned holes.*<br>• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*<br>• *Discuss any adjustment to assay data.* | • Drill intersections from previous drilling has been vetted by Cube Consulting who completed a JORC (2012) resource in 2018.<br>• No RC holes twiinned in this progra<br>• An electronic database containing drill collars, assays and geology is maintained within the Company. Independent consultanting company Cube Consulting (Perth) have a digital copy of this database.<br>• There has been no adjustment to the assay data. |
| *Location of data points* | • *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*<br>• *Specification of the grid system used.*<br>• *Quality and adequacy of topographic control.* | • All previous and this drilling has been accurately surveyed by Cardno Surveys, Kalgoorlie. No downhole survey has been undertaken. All holes are vertical.<br>• GDA94, Zone 51<br>• Aerial photography was flown by Fugro, Kalgoorlie and one metre contours were produced from the image. |
| *Data spacing and distribution* | • *Data spacing for reporting of Exploration Results.*<br>• *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.*<br>• *Whether sample compositing has been applied.* | • Drill spacing on an 60m by 60m pattern.<br>• The Medcalf mineralisation is very consistent along strike (1600m) across strike (450m) and downdip (35m). The variography shows how the mineralisation is consistent in all three directions. The deposit is mineralised from surface to depth within the pyroxenite. Block assay estimate can be interpreted with confidence.<br>• No sample compositing has been applied. |
| *Orientation of data in relation to geological structure* | • *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*<br>• *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.* | • All drilling is vertical which is suitable for this near flat deposit.<br>• No bias has been detected as akll holes are drilled vertical. |
| *Sample security* | • *The measures taken to ensure sample security.* | • All drilling was managed by Audalia and the Geologist used has over 50 years' experience. Pulps are stored securely offsite. |
| *Audits or reviews* | • *The results of any audits or reviews of sampling techniques and data.* | • This has been reviewed by a Cube Consulting site visit during the 2018 drilling programme. |

# JORC Code, 2012 Edition – Table 1 report

## Section 2 Reporting of Exploration Results

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Mineral tenement and land tenure status* | • *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings..*<br>• *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.* | • Audalia owns the Medcalf project 100% that comprises of M63/656, E63/1855, L63/75, L63/94, G63/10 and G63/12. All are in good standing. The Medcalf Project lies with PNR84. No security or legal issues have been noted.<br>• The resource lies on M63/656. There are areas to avoid due to flora and fauna restrictions. The Company has envionmental approval for this licence, |
| *Exploration done by other parties* | • *Acknowledgment and appraisal of exploration by other parties.* | • Over the past 40 years, the tenements have been explored for nickel (Ni), copper (Cu) titanium (Ti)/vanadium (V), platinum group metals (PGE) and gold (Au). The Companies are Unmin/Laporte (1972) for Ni & Cu. Amoco (1982) for V & Ti. Cyprus (1986) for PGM and (1989) for Au & PGM. Arimco (1991) for V & Ti and (1996 & 1997) for V, Ti, Au,PGM, Ni & Cu. Lionore (2005) for V, Ti, Au, PGM, Ni & Cu. Lionore (2006) for Ni Cu sulphides, PGE & Au. Norilsk (2010) for Ni sulphides. |
| *Geology* | • *Deposit type, geological setting and style of mineralisation.* | • The Medcalf Project lies in the southern end of the Archaean Lake Johnston greenstone belt. This greenstone belt is a narrow, north-northwest trending belt approximately 110km in length. It is located near the south margin of the Yilgarn Craton, midway between the southern ends of the Norseman-Wiluna and the Forrestania-Southern Cross greenstone belts. The area of interest is the Medcalf sill located in the hinge zone of a gently north-west plunging regional anticline and is emplaced within a predominately tholeiitic basalt sequence low in the greenstone succession. Rocks in this area belong to the almandine amphibolite facies of regional metamorphism. The primary vanadiferous titanomagnetite mineralisation occurs within the pyroxenite zone between the basal peridotite and upper gabbro zones of the sill. Extensive weathering over time has resulted in removal of much of the silica, calcium and magnesium resulting in |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | residual concentration of iron, titanium and vanadium oxides. It is this secondary enriched material which constitutes the mineralisation. |
| *Drill hole Information* | • *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*<br>○ *easting and northing of the drill hole collar*<br>○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*<br>○ *dip and azimuth of the hole*<br>○ *down hole length and interception depth*<br>○ *hole length.*<br>• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.* | • Refer to Table 1 and Appendices 1 & 2 of this ASX announcement<br>• No exclusion |
| *Data aggregation methods* | • *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*<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.*<br>• *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | • Samples taken every metre with no weighted average required. No cutting of high grades have been applied.<br>• No aggregation has been undertaken.<br>• No metal equivalent used. |
| *Relationship between mineralisation widths and intercept lengths* | • *These relationships are particularly important in the reporting of Exploration Results.*<br>• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>• *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').* | • Mineralisation is gently dipping. All holes are drilled vertical.<br>• Mineralisation is perpendicular to the drillhole.<br>• Known as described above. |
| *Diagrams* | • *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | • Drilling is for extension purposes. |
| *Balanced* | • *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades* | • Comprehensive reporting of all drillhole data has been provided in |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *reporting* | *and/or widths should be practiced to avoid misleading reporting of Exploration Results.* | this ASX announcement, Appendix 1 & 2. |
| *Other substantive exploration data* | • *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | **Metallurgy testwork completed:**<br>1. **Mineralogical characterisation**: to quantitively identify the mineralogical composition of Medcalf mineralisation and the distribution of vanadium, titanium and iron in different minerals.<br>*Key finding is mineralisation contains valuable elements of vanadium, titanium and iron.*<br>2. **Beneficiation testwork**: to investigate the concentration of valuable minerals and the removal of gangue materials by gravity separation, magnetic separation or flotation.<br>*Over 85% of all vanadium, titanium and iron is recovered by magnetic separation.*<br>*The combined concentrate produced by magnetic separation contains 50.32% TFe, 0.79% V2O5 and 15.17% TiO2. The mass recovery is 74.24% with 25.76% removed as tailings.*<br>3. **Metallurgical testwork**: to investigate the extraction and separation of vanadium, titanium and iron minerals from beneficiated concentrate by pyrometallurgical process.<br>*It is identified from the testwork that 'magnetising roasting – magnetic separation' process can produce the products (vanadium bearing iron concentrate and titanium concentrate) suitable for downstream processing with excellent recovery of vanadium and iron. The selected process consists of the following steps:*<br>+ *Magnetising roasting*<br>+ *Magnetic separation to separate vanadium bearing iron concentrate and titanium concentrate.*<br>+ *Shaking table to upgrade titanium concentrate.* |
| *Further work* | • *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*<br>• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas,* | • Planned work is to infill the Vesuvius, Fuji and Pinatubo prospects to upgrade the current JORC (2012) Resource. Independent consultancy group Cube Consulting (Perth) have designed this programme. |

| Criteria | JORC Code explanation | Commentary |
| --- | --- | --- |
| | *provided this information is not commercially sensitive.* | • Work in progress. |