

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

Sep 4. 11

①

Exp. 396

Site/Hole

11571B

| Core/Section, | Offset | Text ID example: SHLF 3215071 | Container | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnometer cell # | Comments |
|---------------|-------------------|-------------------------------------|-----------|--------------------|-----------------|-------------------------------------|----------------------|--|
| 8X1 | $\frac{43}{45}$ | cyl 11173781 | 29298 | 9.927 | 6.059 | 3.168 | 3 | 1.414 56% 1.906 |
| 9X1 | $\frac{60}{62}$ | cyl 11173821 | 29300 | 7.322 | 3.819 | 1.356 | 5 | green shale? 1.512 73% 2.843 ash? |
| 10X1 | $\frac{91}{93}$ | cyl 11173831 | 29299 | 7.806 | 2.902 | 1.209 | 6 | 1.281 81% 2.413 |
| 10X5 | $\frac{35}{37}$ | cyl 11173841 | 29301 | 9.104 | 3.623 | 1.432 | 1 | 1.322 81% 2.551 |
| 11X2 | $\frac{98}{100}$ | cyl 11173891 | 29304 | 10.776 | 3.958 | 1.574 | 2 | 1.289 83% 2.537 |
| 11X7 | $\frac{23}{25}$ | cyl 11173971 | 29303 | 13.175 | 5.054 2.2872 | 1.919 | 2 | ash in mud 1.432 80% 3.108 ash |
| 11X7 | $\frac{48}{50}$ | cyl 11173961 | 29302 | 8.818 | 2.672 | 1.130 | 1 | background mud 1.216 86% 2.379 |
| 12X1 | $\frac{56}{58}$ | cyl 11173931 | 29311 | 13.346 | 4.483 | 1.757 | 3 | brown shale above ash 1.261 85% 2.581? |
| 12X1 | $\frac{93}{95}$ | cyl 11173941 | 29312 | 11.24 | 6.763 | 2.175 | 4 | ash larger 1.576 71% 2.905 ash |
| 12X1 | $\frac{108}{110}$ | cyl 11173951 | 29310 | 11.357 | 5.216 | 1.841 | 5 | green shale above ash 1.428 78% 2.869 |
| 12X4 | $\frac{19}{21}$ | cyl 11173981 | 29313 | 11.201 | 4.206 | 1.524 | 3 | 1.319 83% 2.798 |

backing since Sept 11 22:45

MAD (Moisture and Density) Logsheet - Balance and pycnometer measurements

Sept. 12, 2021

396

Site/Hole 1571B

Exp.

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | Comments |
|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|--|
| 14X2 | 77 | 11174911 | 29321 | 4063 | 2.381 | 0.804 | 5 | red bed, sand-rich claystone 1.639 69% 2.988 |
| 13X1 | 74 | 11174871 | 29309 | 7358 | 3.638 | 1.226 | 4 | sand-rich clay, greenish 1.496 76% 3.006 |
| 13X2 | 107 | 11174881 | 29308 | 14897 | 8.784 | 3.011 | 1 | greenish clay-rich sand 1.638 68% 2.941 |
| 13X3 | 78 | 11174891 | 29307 | 10399 | 6.025 | 2.079 | 3 | greenish clay-rich sand 1.616 69% 2.922 |
| 14X1 | 113 | 11174901 | 29306 | 13969 | 8.795 | 3.116 | 2 | brownish clay-rich sand 1.690 63% 2.839 |
| 15X1 | 20 | 11175131 | 29314 | 6734 | 3.940 | 1.348 | 2 | red sand-rich claystone 1.631 68% 2.947 |
| 16X1 | 23 | 11175141 | 29315 | 5685 | 3.402 | 1.142 | 3 | red volcaniclastic claystone 1.665 68% 3.005 |
| 19X1 | 67 | 11176681 | 29316 | 5084 | 2.903 | 1.018 | 4 | red-brown volcaniclastic claystone w sand 1.594 69% 2.875 |
| 17X1 | 21/23 | cube 11175281 | 0 | 19.024 | 17.2 | 5.85034 | 4 | PMH ² 2.57 20% 2.956 CI 2.482 24% 2.944 |
| 20X2 | 80/82 | see | page | 9 | 07 | 11571A | | |