

P-Wave Logsheet

3rd Oct
08:40

Mini Gies
Perm dry

Exp 396

Site

Hole

Date

Page

①

| well | Core/ Section | x Dry | | y | | z | | Uploaded? | comments |
|------|---------------|--------|---------|--------|----------------------|--------|---------|-----------|-----------------------|
| | | offset | reading | offset | reading | offset | reading | | |
| 72 | 39R1 | 11 | 4275.9 | | | | | | Not 'dry' in comments |
| 72 | 44R1 | 31 | 4511.0 | | | | | | |
| 72 | 39R1 | 34 | 4258.7 | | | | | | |
| 66 | 7R2 | 55 | 3724.0 | | | | | | |
| 72 | 42R3 | 37 | 4131.1 | | | | | | |
| 72 | 42R3 | 64 | 4369.6 | | | | | | |
| 74 | 24R1 | 69 | 3591.7 | | | | | | |
| 74 | 21R3 | 56 | 2949.2 | | | | | | |
| 66 | 7R3 | 8 | 3749.7 | | | | | | |
| 66 | 7R2 | 13 | 3814.6 | | L 45.63 D 25.19 | | | | |
| 71 | 37R1 | 23 | 3650.42 | | | | | | |
| 74 | 19R2 | 83 | 1802.4 | | L 35.50 D 24.81 | | | | |
| 74 | 28R3 | 9 | 3446.1 | | L 45.15 D 25.15 | | | | |
| 72 | 44R4 | 31 | 4601.1 | | | | | | |
| 72 | 24R4 | 10 | 4798.9 | | L 47.52 D 25.19 | | | | |
| 74 | 28R3 | 9 | 3540.3 | | L: 45.02 D: 25.13 | | | | |
| 74 | 27R4 | 19 | 3411.0 | | D 46.71 25.16 | | | | |
| 71 | 19R1 | 8 | 2974.5 | | | | | | |
| 71 | 25R3 | 139 | 2604.3 | | | | | | |

P-Wave Logsheet

3rd Oct

Mini Cores

Dry

Exp 396

Site _____

Hole _____

Date _____

Page 2

| Core/ Section | X | | Y | | Z | | Uploaded? | comments |
|------------------------|--------|-------------------|--------|----------------------|--------|---------|-----------|----------|
| | offset | reading | offset | reading | offset | reading | | |
| 71 35R2 | 67 | 3864.3 | | | | | | |
| 72A 26R3 | 126 | 3800.1 | | L: 48.08 D: 25.20 | | | | |
| 72A 72 25R4 | 21 | 3952.6 | | L: 46.65 D: 25.20 | | | | |
| 71 35R1 | 80 | 3520.3 | | | | | | |
| 72 26R2 | 24 | 4094.6 | | L: 47.92 D: 25.23 | | | | |
| 71 22R1 | 88 | 4142.3 | | | | | | |
| 71 37R1 | 12 | 3739.0 | | | | | | |
| 72 27R3 | 24 | 3535.6 | | L: 24.80 D: 25.16 | | | | |
| 71 24R1 | 27 | 2707.9 | | | | | | |
| 71 24R1 | 51 | 3660.9 | | | | | | |
| 71 35R2 | 53 | 3890.6 | | | | | | |
| 66 16R3 | 32 | 1517.1 | | | | | | |
| 71 25R3 | 106 | 4113.6 | | | | | | |
| 71 26R2 | 37 | 3777.4 | | | | | | |
| 66 17R3 | 72 | 1735.8 | | | | | | |
| 74 20R1 | 56 | 3511.4 | | | | | | |
| 71 35R1 | 137 | 3896.5 | | | | | | |
| 71 24R1 | 75 | 3343.7 | | | | | | |
| 71 30R2 | 49 | 4424.9 | | | | | | |

3rd Oct

P-Wave Logsheet

Mini Gres Dry

Exp 396

Site _____

Hole _____

Date _____

Page ③

| Core/ Section | | x | | y | | z | | Uploaded? | comments |
|---------------|-----------------|--------|---------|--------|---------|--------|---------|-----------|-----------|
| | | offset | reading | offset | reading | offset | reading | | |
| 66 | 20R2 | 84 | 2582.2 | | | | | | |
| 71 | 34R2 | 48 | 3634.9 | | | | | | |
| 71 | 19R1 | 89 | 4226.8 | | | | | | |
| 71 | 25R3 | 32 | 3081.3 | | | | | | |
| 71 | 24R1 | 122 | 3426.7 | | | | | | |
| 66 | 20R2 | 136 | 3640.0 | | | | | | |
| 66 | 26R3 | 5 | broken | | | | | | Fractured |
| 71 | 27R3 | 105 | 4357.3 | | | | | | |
| 66 | 12R4 | 135 | 4252.2 | | | | | | |
| 66 | 20R1 | 101 | 4235.2 | | | | | | |
| 66 | 15R2 | 49 | 3840.8 | | | | | | |
| 66 | 15R2 | 28 | 3459.2 | | | | | | |
| 66 | 26R3 | 105 | 3080.7 | | | | | | |
| 66 | 19R3 | 104 | 2596.2 | | | | | | |
| 66 | 12R4 | 6 | 3760.7 | | | | | | |
| 71 | 37R1 | 71 | 4207.0 | | | | | | |
| 66 | 12R2 | 74 | 3192.3 | | | | | | |
| 66 | 12R3 | 7 | 3640.1 | | | | | | |
| 66 | 20R2 | 111 | 1488.4 | | | | | | |

Mini Cores

P-Wave Logsheet

3rd Oct

Dry

Exp 396

Site

Hole

Date

Page ④

| Core/ Section | X | | Y | | Z | | Uploaded? | comments |
|---------------|--------|---------|--------|---------|--------|---------|-----------|----------------------|
| | offset | reading | offset | reading | offset | reading | | |
| 66 26R3 | 48 | 2689.8 | | | | | | |
| 66 28R2 | 17 | 1871.8 | | | | | | |
| 66 33R2 | 6 | 1711.7 | | | | | | |
| 66 33R2 | 77 | 1843.9 | | | | | | |
| 66 32R3 | 14 | 1791.1 | | | | | | |
| 66 28R1 | 140 | 1582.1 | | | | | | |
| 66 26R2 | 105 | 1756.3 | | | | | | |
| 66 28R2 | 28 | 1893.7 | | | | | | |
| 66 32R3 | 64 | 3000.8 | | | | | | |
| 66 16R3 | 13 | 1513.5 | | | | | | |
| 66 17R3 | 19 | 1338.9 | | | | | | |
| 66 20R1 | 12 | 3295.7 | | | | | | |
| 71 37R1 | 23 | 3687.5 | | | | | | |
| 66 12R4 | 91 | 4680.2 | | | | | | |
| 66 26R1 | 52 | 1526.0 | | | | | | |
| 66 14R3 | 92 | — | | | | | | Sample disintegrated |
| 66 33R1 | 63 | — | | | | | | 11 |
| | | | | | | | | |
| | | | | | | | | |

Exp.

396

Site/Hole

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | Comments |
|--------------------------------|--------|-------------------------------------|-------------------|--------------------|-----------------|-------------------------------------|---------------------|--|
| ✓ 1572A 44R4 | 31 | CTL 11191091 | 56,978 | 56,978 | 53,718 | 18,79099 | 5 | caliper volume: 22,94 cc |
| ✓ 1572A 39R1 | 11 | CTL 11190851 | | 59,358 | 57,182 | 19,380 | 5 | 22,01 cc |
| ✓ 1566 1572A 7R3 | 8 | CTL 11060171 | | 60,837 | 58,802 | 20,640 | 5 | L: 4,855 } 24,21 cc φ: 2,520 } needs caliper ← |
| ✓ 1566A 7R2 | 13 | 11060151 | | 56,871 | 54,887 | 20,40892 | 5 | L: 4,563 } 22,74 cc φ: 2,519 } needs caliper ← |
| ✓ 1572A 39R1 | 34 | 11190881 | | 58,235 | 56,225 | 19,17283 | 5 | 21,57 cc |
| ✓ 1566A 7R2 | 55 | 11060161 | | 46,536 | 43,855 | 16,614 | 5 | L: 4,015 } 20,03 cc φ: 2,520 } needs caliper ← |
| ✓ 1572A 42R3 | 37 | 11191071 | | 54,732 | 50,590 | 17,59686 | 5 | 23,34 |
| ✓ 1572A 42R3 | 64 | 11191081 | | 63,325 | 61,028 | 21,351 | 5 | 23,61 |
| ✓ 1574A 24R1 | 69 | 11222081 | | 19,771 | 18,355 | 6,42334 | 6 | 7,58 |
| ✓ 1574A 21R3 | 50 | 11221051 | | 26,620 | 24,452 | 8,63978 | 3 | 10,22 |
| ✓ 1574A 19R2 | 83 | 11220241 | | ? | 32,359 | 13,51741 | 4 | L: 3,550 } 17,16 φ: 2,481 } needs caliper ← |
| ✓ 1574A 20R1 | 56 | 11220551 | | 24,949 | 23,831 | 8,293 | 1 | 9,70 |

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

October 3, 2021

Exp. 396

Site/Hole

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | dry mass and pycnometer volume are wet mass and pycnometer volume are cal. vol. wet mass and pycnometer volume are cal. vol. wet mass and pycnometer volume are |
|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|--|
| ✓ 1571A 32R1 | 23 | 11165041 | | 57,346 | 51,169 | 17.58993 | 5 | 24.44 |
| ✓ 1574A 27R4 | 19 | 11223151 | | 59,845 | 56,885 | 20.0284 | 5 | L: 46.71 23.22 H: 25.16 |
| ✓ 1574A 30R2 | 49 | 11163981 | | 55,519 | 54,106 | 18.684 | 5 | 20.10 |
| ✓ 1571A 22R1 | 88 | 11156701 | | 64,109 | 61,897 | 21.45513 | 5 | 23.76 |
| ✓ 1574A 28R3 | 9 | 11223161 | | 58,135 | 55,535 | 19.72154 | 5 | L: 45.15 22.43 H: 25.15 |
| ✓ 1574A 37R3 | 12 | 11165031 | | 44,085 | 39,473 | 13.52083 | 1 | 18.84 |
| ✓ 1571A 35R2 | 67 | 11165531 | | 55,282 | 50,811 | 19.924429 | 5 | 22.81 |
| ✓ 1571A 34R2 | 48 | 11164481 | | 53,915 | 54,035 | 17.06701 | 5 | 21.81 |
| ✓ 1571A 24R1 | 51 | 11159241 | | 55,921 | 51,999 | 18.256 | 5 | 22.94 |
| ✓ 1571A 19R1 | 10 | 111555611 | | 47.959 | 42.495 | 15.139 | 5 | 22.35 |
| ✓ 1571A 35R2 | 53 | 11164521 | | 53.273 | 47.682 | 18.83322 | 5 | 22.11 |
| ✓ 1571A 35R1 | 80 | 11164511 | | 57.136 | 53.549 | 18.721 | 5 | 20.61 |

2

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

October 3, 2021

Exp. 396

Site/Hole

3

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | V _{ca} 3 Comments |
|---------------|-------------------|-------------------------------------|----------------|-----------------------------|-----------------|-------------------------------------|---------------------|--|
| U1571A 35R1 | $\frac{137}{139}$ | cy1 11164501 | | 52.83 | 49.696 | 17.96257 | 5 | 22.16 L: 47.52 } 23.68 D: 25.19 } needs caliper ← |
| U1572A 24R4 | $\frac{10}{12}$ | cy1 11182211 | | 65.846 | 64.094 | 22.705 | 5 | |
| U1571A 24R1 | $\frac{122}{124}$ | cy1 11159261 | | 57.812 | 54.514 | 18.75163 | 5 | 22.36 |
| U1571A 19R1 | $\frac{89}{91}$ | cy1 11155631 | | 57.909 | 54.833 | 19.13596 | 5 | 23.76 |
| U1571A 24R1 | $\frac{27}{29}$ | cy1 11159231 | | 43.382 | 37.605 | 13.557 | 5 | 20.00 |
| U1571A 25R3 | $\frac{139}{141}$ | cy1 11160251 | | 44.324 | 37.207 | 13.152 | 5 | 21.24 |
| U1571A 27R3 | $\frac{105}{107}$ | cy1 11162601 | | 65.971 | 64.368 | 22.80717 | 5 | 23.98 |
| U1571A 25R3 | $\frac{32}{34}$ | cy1 11160231 | | 38.016 | 31.020 | 10.87279 | 5 | 19.80 |
| U1572A 26R3 | $\frac{126}{128}$ | cy1 11182191 | ! | 62.863 58.863 | 58.958 | 19.643 | 5 | L: 48.08 } 23.98 D: 25.20 } needs caliper ← |
| U1572A 25R4 | $\frac{21}{28}$ | cy1 11182201 | ! | 63.999 53.999 | 62.052 | 21.409 | 5 | L: 46.65 } 23.27 D: 25.20 } needs caliper ← |
| U1571A 26R2 | $\frac{37}{39}$ | cy1 11160631 | | 48.071 | 42.875 | 14.908 | 5 | 22.10 |
| U1571A 25R3 | $\frac{106}{108}$ | cy1 11160241 | | 49.188 | 42.903 | 14.68429 | 5 | 22.49 |

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

October 03, 2021

Exp. 396

Site/Hole

4

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | Comments |
|---------------|-------------------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|---|
| U1572A 26R2 | $\frac{24}{26}$ | cy1 11182181 | ! | 53.993 | 61.750 | 21.56g | 5 | L = 47.92 g d = 23.23 needs calc per ← |
| U1571A 37R1 | $\frac{71}{73}$ | cy1 11165051 | | 63.459 | 61.417 | 21.054 | 5 | 23.26 |
| U1571A 26R2 | $\frac{24}{26}$ | cy1 11160621 | | 48.395 | 42.969 | 14.7952 | 5 | 22.04 |
| U1572A 27R3 | $\frac{24}{26}$ | cy1 11183201 | | 32.368 | 30.788 | 10.723 | 1 | L = 47.92 g d = 23.23 needs calc per ← |
| U1566A 17R3 | $\frac{72}{74}$ | cy1 11070131 | | 39.728 | 31.370 | 11.433 | 5 | 19.90 |
| U1566A 16R3 | $\frac{32}{34}$ | cy1 11069181 | | 44.810 | 35.576 | 13.009 | 5 | 22.37 |
| U1566A 20R2 | $\frac{84}{86}$ | CYL 11071741 | | 48.599 | 43.629 | 15.103 | 5 | 20.70 |
| U1566A 26R3 | $\frac{105}{107}$ | cy1 11075431 | | 51.328 | 47.049 | 16.9262 | 5 | 21.81 |
| U1566A 26R3 | $\frac{5}{7}$ | cy1 11075411 | | 48.100 | 42.185 | 15.795 | 5 | 21.91 |
| U1566A 12R2 | $\frac{74}{76}$ | cy1 11064741 | | 58.265 | 54.915 | 19.539 | 5 | 23.24 |
| U1566A 12R4 | $\frac{6}{8}$ | cy1 11064761 | | 58.856 | 55.621 | 19.7254 | 5 | 23.30 |
| U1566A 15R2 | $\frac{28}{30}$ | cy1 11067371 | | 48.149 | 42.997 | 14.90070 | 5 | 22.00 |

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

October 03, 2021

Exp. 396

Site/Hole

Mini Gores dry

5

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | Comments |
|---------------|-------------------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|--|
| ✓ U1566A 20R2 | $\frac{136}{138}$ | cy1 11071761 | | 49.515 | 44.618 | 15.63295 | 5 | 22.32 |
| ✓ U1566A 12R4 | $\frac{135}{137}$ | cy1 11064781 | | 62.893 | 61.074 | 21.93974 | 5 | 23.47 |
| ✓ U1566A 20R1 | $\frac{101}{103}$ | cy1 11071731 | | 67.355 | 65.915 | 22.85967 | 5 | 24.25 |
| ✓ U1566A 15R2 | $\frac{49}{51}$ | cy1 11067381 | | 61.715 | 58.412 | 20.471 | 5 | 22.62 |
| ✓ U1566A 19R3 | $\frac{104}{106}$ | cy1 11071711 | | 51.525 | 46.255 | 16.228 | 5 | 23.00 |
| ✓ U1566A 17R3 | $\frac{19}{21}$ | cy1 11070121 | | 42.826 | 33.362 | 12.51283 | 5 | 21.97 |
| ✓ U1566A 12R3 | $\frac{7}{9}$ | cy1 11064751 | | 49.387 | 46.422 | 16.16205 | 5 | 20.52 |
| ✓ U1566A 19R3 | $\frac{92}{94}$ | cy1 11071701 | | 44.04 | 33.496 | 15.76 | | sample felt loose during the dry mass is measured volume for partially dry mass. |
| ✓ U1566A 32R3 | $\frac{14}{16}$ | cy1 11075961 | | 46.872 | 42.491 | 15.983 | 5 | U 44,08357 phi: 25,1065 } 21,82 needs calipers |
| ✓ 66 26R2 | 105 | cy1 11075401 | | 49.022 | 42.686 | 16.35355 16.2665 | 5 | 23.06 |
| ✓ 66 28R2 | 28 | cy1 11075951 | | | 39.589 | 15.143 | 5 | 21.66 |
| ✓ 71A 24R1 | 75 | 11159251 | | 53.766 | 48.114 | 16.499 | 5 | 23.23 |

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

Exp. 396

Site/Hole

OCC 3rd

Min!
gross dry

8

| Core/Section, | Offset | Text ID example: SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm ³ | Pycnomet. cell # | Comments |
|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|-------------------------------|
| ✓ 66 26R1 | 52 | C ₉ L 11075441 | | 44.737 | 36.865 | 13.650 | | caliper |
| ✓ 66 28R2 | 17 | C ₉ L 11075941 | | 46.216 | 43.444 | 16.554 | | 22.55 |
| ✓ 66 28R1 | 140 | C ₉ L 11075931 | | 49.984 | 44.717 | 17.069 | 5 | 21.29 |
| ✓ 66 20R2 | 111 | C ₉ L 11071751 | | 40.744 | 30.713 | 11.0665 | 5 | 21.72 |
| ✓ 66 32R3 | 64 | C ₉ L 11075971 | | 57.224 | 54.064 | 20.298 | 5 | 24.46 |
| ✓ 66 12R4 | 91 | C ₉ L 11064771 | | 56.667 | 53.996 | 19.914 | 5 | 22.40 |
| ✓ 66 16R3 | 13 | C ₉ L 11069171 | | 41.327 | 33.894 | 13.23233 | 5 | 20.57 |
| ✓ 66 33R2 | 6 | C ₉ L 11075481 | | 46.125 | 41.055 | 15.0679 | | 24.92 |
| ✓ 66 20R1 | 12 | C ₉ L 11071721 | | 57.470 | 54.140 | 19.008 | | 23.45 |
| ✓ 66 26R3 | 48 | C ₉ L 11075421 | | 53.16 | 48.918 | 17.860 | | 22.29 |
| ✓ 66 33R2 | 77 | C ₉ L 11075941 | | 45.085 | 38.737 | 14.839 | 5 | 24.66 |
| 66 33R1 | | 11076001 | | 42.522 | | | | 20.84 → Fragile, not measured |