

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

Exp. 382

Site/Hole 01534 A

| Core/Section, | Offset | Text ID<br>example:<br>SHLF 3215071 | container<br>#            | Mass<br>Wet<br>(g)          | Mass dry<br>(g)           | Sample<br>volume<br>cm <sup>3</sup> | Pycnomet.<br>cell # | Comments       |
|---------------|--------|-------------------------------------|---------------------------|-----------------------------|---------------------------|-------------------------------------|---------------------|----------------|
| 1 H 1         | 75     | CYL 9809661                         | 28272                     | 15.373                      | 9.575                     | 3.630                               | 1                   | Done, measured |
| 1 H 3         | 50     | CYL 9809671                         | 28271                     | 15.323                      | 9.258                     | 3.423                               | 2                   | vials put away |
| 2 H 1         | 75     | CYL 9810161                         | 28273                     | 17.387                      | 10.736                    | 3.981                               | 3                   |                |
| 2 H 3         | 75     | CYL 9810181                         | 28274<br><del>28272</del> | 18.950<br><del>16.121</del> | 12.054                    | 4.486                               | 4                   |                |
| 2 H 5         | 50     | CYL 9810211                         | 28275                     | 16.436                      | 10.384                    | 3.819                               | 5                   |                |
| 3 H 1         | 75     | CYL 9810801                         | 28276                     | 16.268                      | 11.784                    | 4.395                               | 1                   |                |
| 3 H 3         | 75     | CYL 9810811                         | 28277                     | 15.263                      | 9.615                     | 3.635                               | 2                   |                |
| 3 H 5         | 75     | CYL 9810831                         | 28278                     | 17.216                      | 11.534                    | 4.245                               | 3                   |                |
| 4 H 1         | 74     | CYL 9812191                         | 28279                     | 13.493                      | 8.916<br><del>9.901</del> | 3.299                               | 1                   |                |
| 4 H 3         | 72     | CYL 9812201                         | 28280                     | 17.361                      | 13.392                    | 4.999                               | 2                   |                |
| 4 H 5         | 71     | CYL 9812211                         | 28281                     | 12.856                      | 9.700                     | 3.622                               | 3                   |                |
| 4 H 6         | 72     | CYL 9812241                         | 28282                     | 17.255                      | 11.890                    | 4.388                               | 4                   |                |

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|-----------------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|-----------------|
| 5H1                   | 63     | CYL981268                           | 28283          | 14.382             | 10.464          | 3.834                               | 1                   | Done, measured, |
| 5H2                   | 17     | CYL981269                           | 28284          | 15.756             | 11.548          | 4.419                               | 2                   | vials put away  |
| 5H3                   | 101    | CYL981270                           | 28285          | 13.685             | 8.947           | 3.317                               | 3                   |                 |
| 5H5                   | 17     | CYL981271                           | 28286          | 17.104             | 12.501          | 4.725                               | 4                   |                 |
| 5H5                   | 80     | CYL981272                           | 28287          | 14.773             | 9.989           | 3.817                               | 5                   |                 |
| 5H7                   | 15     | CYL981273                           | 28288          | 14.393             | 11.123          | 4.183                               | 1                   |                 |
| 6H1                   | 75     | CYL981397                           | 28289          | 16.863             | 11.997          | 4.528                               | 2                   |                 |
| 6H3                   | 99     | CYL981398                           | 28290          | 18.176             | 11.821          | 4.393                               | 3                   |                 |
| <del>6H4</del><br>6H5 | 74     | CYL981399                           | 28291          | 17.634             | 13.146          | 4.988                               | 4                   |                 |
| 6H5                   | 106    | CYL981400                           | 28292          | 18.327             | 13.707          | 6.149                               | 5                   |                 |
| 6H7                   | 28     | CYL981401                           | 28293          | 17.259             | 12.822          | 4.805                               | 1                   |                 |
|                       |        |                                     |                |                    |                 |                                     |                     |                 |

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|---------------|--------|-------------------------------------|------------------|--------------------|-----------------------------|-------------------------------------|---------------------|-----------------|
| 7 H 1         | 115    | CYL<br>9814601                      | <del>28294</del> | 17.978             | 12.734                      | 4.816                               | 2                   | Done, measured. |
| 7 H 3         | 115    | CYL<br>9814641                      | 28298            | 13.708             | 9.700                       | <del>3.691</del><br>3.691           | 1                   | vials put away  |
| 7 H 3         | 40     | CYL<br>9814611                      | 28295            | 12.625             | 9.101                       | <del>3.691</del><br>3.411           | 3                   |                 |
| 7 H 5         | 70     | CYL<br>9814651                      | 28296            | 15.563             | 11.310                      | 4.308                               | 4                   |                 |
| 7 H 6         | 70     | CYL<br>9814631                      | 28297            | 16.223             | 12.518                      | 4.741                               | 5                   |                 |
| 8 H 2         | 70     | CYL<br>9815871                      | 28299            | 15.780             | 11.392                      | 4.309                               | 2                   |                 |
| 8 H 3         | 69     | CYL<br>9815911                      | 28300            | 14.315             | 9.900                       | 3.660                               | 3                   |                 |
| 8 H 5         | 70     | CYL<br>9815891                      | 28301            | 15.256             | 10.547                      | 3.832                               | 4                   |                 |
| 8 H 7         | 50     | CYL<br>9815921                      | 28302            | 16.242             | 11.940                      | 4.499                               | 5                   |                 |
| 9 H 1         | 70     | CYL<br>9816841                      | 28303            | 19.267             | 13.525                      | 4.984                               | 1                   |                 |
| 9 H 2         | 69     | CYL<br>9816851                      | 28304            | 13.554             | <del>9.105</del><br>9.098   | 3.500                               | 2                   |                 |
| 9 H 3         | 69     | CYL<br>9816861                      | 28305            | 15.390             | <del>10.165</del><br>10.159 | 3.725                               | 3                   |                 |

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|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|-----------------------|
| 9 H 6         | 70     | CYL<br>9816871                      | 28306          | 11.070             | 7.732           | 2.931                               | 4                   | Done, measured, vials |
| 10 H 1        | 100    | CYL<br>9817821                      | 28307          | 20.711             | 16.104          | 5.763                               | 5                   | put away              |
| 10 H 3        | 20     | CYL<br>9817831                      | 28308          | 15.772             | 13.159          | 4.552                               | 1                   |                       |
| 10 H 4        | 55     | CYL<br>9817841                      | 28309          | 15.588             | 10.981          | 4.169                               | 2                   |                       |
| 10 H 6        | 45     | CYL<br>9817851                      | 28310          | 14.786             | 9.832           | 3.716                               | 3                   |                       |
| 11 H 3        | 40     | CYL<br>9818351                      | 28311          | 15.190             | 9.739           | 3.690                               | 1                   |                       |
| 11 H 3        | 80     | CYL<br>9818361                      | 28312          | 13.419             | 8.796           | 3.317                               | 2                   |                       |
| 12 H 1        | 75     | CYL<br>9819451                      | 28313          | 13.939             | 9.168           | 3.443                               | 3                   |                       |
| 12 H 3        | 75     | CYL<br>9819511                      | 28314          | 16.016             | 10.115          | 3.792                               | 4                   |                       |
| 12 H 5        | 75     | CYL<br>9819521                      | 28315          | 17.402             | 11.282          | 4.336                               | 5                   |                       |
| 13 H 1        | 75     | CYL<br>9820161                      | 28316          | 14.341             | 9.428           | 3.586                               | 1                   |                       |
| 13 H 4        | 75     | CYL<br>9820171                      | 28317          | 13.191             | 9.155           | 3.424                               | 2                   |                       |

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|-------------------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|-----------------|
| 14H1                    | 38     | CYL982461                           | 28318          | 14.585             | 9.025           | 3.420                               | 3                   | Done, measured, |
| 17F1                    | 78     | CYL9821271                          | 28319          | 16.993             | 11.569          | 4.300                               | 1                   | vials put away  |
| 17F3                    | 77     | CYL9821281                          | 28320          | 16.060             | 10.737          | 3.967                               | 2                   |                 |
| 16F2                    | 82     | CYL9821291                          | 28321          | 14.038             | 9.657           | 3.610                               | 3                   |                 |
| 18F2                    | 80     | CYL9821641                          | 28322          | 18.861             | 14.364          | 5.429                               | 2                   |                 |
| 19F2                    | 82     | CYL9821651                          | 28323          | 14.008             | 10.108          | 3.752                               | 3                   |                 |
| 20F2                    | 73     | CYL9821811                          | 28324          | 18.317             | 13.374          | 4.992                               | 4                   |                 |
| <del>21F2</del><br>21F2 | 74     | CYL9821821                          | 28325          | 15.289             | 10.755          | 3.953                               | 5                   |                 |
| 22F2                    | 74     | CYL9822271                          | 28326          | 17.963             | 13.459          | 4.982                               | 6                   |                 |
| 23F2                    | 82     | CYL9822281                          | 28327          | 18.305             | 11.698          | 4.349                               | 1                   |                 |
| 24F3                    | 84     | CYL9822641                          | 28328          | 14.499             | 10.283          | 3.874                               | 3                   |                 |
| 25F2                    | 96     | CYL9822651                          | 28329          | 12.614             | 9.255           | 3.456                               | 4                   |                 |

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| Core/Section, | Offset | Text ID<br>example:<br>SHLF 3215071 | container # | Mass Wet (g) | Mass dry (g) | Sample volume cm <sup>3</sup> | Pycnomet. cell # | Comments              |
|---------------|--------|-------------------------------------|-------------|--------------|--------------|-------------------------------|------------------|-----------------------|
| 26 F 2        | 85     | CYL 982281                          | 28330       | 14.756       | 10.307       | 3.815                         | 1                | Done, measured, vials |
| 27 F 2        | 81     | CYL 982282                          | 28331       | 15.096       | 10.855       | 4.092                         | 2                | put away              |
| 28 F 1        | 75     | CYL 982299                          | 28332       | 14.507       | 10.105       | 3.760                         | 3                |                       |
| 28 F 3        | 135    | CYL 982300                          | 28333       | 15.000       | 10.789       | 4.072                         | 4                |                       |
| 29 F 1        | 75     | CYL 982301                          | 28334       | 15.867       | 11.815       | 4.438                         | 5                |                       |
| 29 F 3        | 75     | CYL 982302                          | 28335       | 16.160       | 12.145       | 4.573                         | 1                |                       |
| 30 F 1        | 75     | CYL 982324                          | 28336       | 16.228       | 12.038       | 4.529                         | 2                |                       |
| 30 F 3        | 75     | CYL 982325                          | 28337       | 14.144       | 9.933        | 3.768                         | 3                |                       |
| 31 F 1        | 30     | CYL 982343                          | 28338       | 15.676       | 10.555       | 3.952                         | 4                |                       |
| 31 F 2        | 70     | CYL 982344                          | 28339       | 15.849       | 11.693       | 4.405                         | 5                |                       |
| 31 F 4        | 70     | CYL 982345                          | 28340       | 13.717       | 9.891        | 3.755                         | 1                |                       |
| 32 F 1        | 75     | CYL 982444                          | 28341       | 14.804       | 10.742       | 4.072                         | 2                |                       |

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|---------------|--------|-------------------------------------|---------------------------|-----------------------------|-----------------|-------------------------------------|---------------------|-----------------|
| 32 F 3        | 75     | CYL<br>9824451                      | 28342                     | 12.752                      | 9.137           | 3.439                               | 3                   | Done, measured, |
| 33 F 1        | 75     | CYL<br>9824461                      | 28343                     | 15.936                      | 11.284          | 4.170                               | 4                   | vials put away  |
| 33 F 3        | 75     | CYL<br>9824471                      | 28344                     | 16.186                      | 11.952          | 4.443                               | 5                   |                 |
| 34 F 1        | 75     | CYL<br>9824901                      | 28345                     | 15.537                      | 11.251          | 4.133                               | 1                   |                 |
| 34 F 3        | 75     | CYL<br>9824911                      | <del>28346</del><br>28346 | 13.802                      | 10.028          | 3.747                               | 2                   |                 |
| 35 F 1        | 75     | CYL<br>9824981                      | 28347                     | 16.332                      | 11.605          | 4.299                               | 3                   |                 |
| 35 F 3        | 75     | CYL<br>9824991                      | 28348                     | 14.139                      | 10.261          | 3.843                               | 4                   | Tray is open    |
|               |        |                                     |                           |                             |                 |                                     |                     |                 |
| 36 F 1        | 75     | CYL<br>9826091                      | 28349                     | 19.349                      | 13.909          | 5.213                               | 1                   |                 |
| 36 F 3        | 75     | CYL<br>9826101                      | 28350                     | 13.505                      | 10.668          | 3.977                               | 2                   |                 |
| 37 F 1        | 75     | CYL<br>9826111                      | 28351                     | <del>14.287</del><br>14.287 | 10.831          | <del>4.046</del><br>4.046           | 3                   |                 |
| 37 F 3        | 75     | CYL<br>9826121                      | 28352                     | 14.884                      | 11.489          | 4.308                               | 4                   |                 |

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|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|-----------------|
| 38 F 1        | 75     | CYL<br>9826591                      | 28353          | 14.792             | 10.931          | 4.038                               | 1                   | Done, measured, |
| 38 F 3        | 75     | CYL<br>9826601                      | 28354          | 15.280             | 10.913          | 4.052                               | 2                   | vials put away  |
| 39 F 1        | 75     | CYL<br>9826611                      | 28355          | 15.922             | 12.437          | 4.645                               | 3                   |                 |
| 39 F 3        | 75     | CYL<br>9826621                      | 28356          | 13.837             | 10.246          | 3.822                               | 4                   |                 |
| 40 F 1        | 75     | CYL<br><del>98266</del> 9827581     | 28357          | 14.260             | 10.170          | 3.754                               | 1                   |                 |
| 40 F 3        | 75     | CYL<br>9827591                      | 28358          | 15.644             | 11.562          | 4.346                               | 2                   |                 |
| 41 F 1        | 80     | CYL<br>9827601                      | 28359          | 11.928             | 8.675           | 3.279                               | 3                   |                 |
| 41 F 3        | 80     | CYL<br>9827611                      | 28360          | 13.663             | 10.066          | 3.776                               | 4                   |                 |
| 42 F 2        | 72     | CYL<br>9828811                      | 28361          | 15.344             | 11.072          | 4.132                               | 1                   |                 |
| 43 F 2        | 74     | CYL<br>9828821                      | 28362          | 15.576             | 11.150          | 4.119                               | 2                   |                 |
| 44 F 2        | 88     | CYL<br>9829521                      | 28363          | 14.623             | 11.004          | 4.132                               | 3                   |                 |
| 46 F 2        | 43     | CY 9829901                          | 28364          | 13.268             | 8.633           | 3.256                               | 4                   |                 |



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|---------------|--------|-------------------------------------|----------------|--------------------|-----------------|-------------------------------------|---------------------|---------------------|
| 47X2          | 61     | CYL<br>9829911                      | 28365          | 12.054             | 7.541           | 2.900                               | 5                   | Done, vial put away |
|               |        |                                     |                |                    |                 |                                     |                     |                     |
|               |        |                                     |                |                    |                 |                                     |                     |                     |
|               |        |                                     |                |                    |                 |                                     |                     |                     |
|               |        |                                     |                |                    |                 |                                     |                     |                     |
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|               |        |                                     |                |                    |                 |                                     |                     |                     |
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|               |        |                                     |                |                    |                 |                                     |                     |                     |
|               |        |                                     |                |                    |                 |                                     |                     |                     |
|               |        |                                     |                |                    |                 |                                     |                     |                     |