# Distribution of individual mud fractions in a tidal basin of the East Frisian Wadden Sea (southern North Sea): affinities between sortable silts, aggregated particle suites, and calcium carbonate and organic matter contents

Flemming B., Chang T.S., Delafontaine M., Bartholomä A.

## Electronic Supplementary Material (ESM)

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### Tidal basin parameters

Basin area: ~70.65 $km^2$ (area at mean high tide)
Channel area ($A_{ch}$): ~11.81 $km^2$ (16.72%) (water-covered area at mean low tide)
Intertidal flat area ($A_{int}$): ~58.84 $km^2$ (83.28%) (area of tidal flats at mean low tide)
Ratio $A_{int}/A_{ch}$: ~4.98

### Cell number, area and volume (of uppermost 5 cm)

Number of cells: 636 (cf. ESM Figure S1)
Area per cell: 111,111.0889 $m^2$
Volume per cell: 333.3333 × 333.3333 × 0.05 = 5,555.554445 $m^3$ = ~50,000 $m^3$ per $km^2$
which adds up to 3,532,500 $m^3$ for the upper 5 cm of the tidal basin as a whole.

### Equations employed for volume and mass calculations

$M_{conc} = -0.0082204 + 0.0210236M\% - 0.0018144M\%^{1.5}$ (eq. 1)
$M_{conc}$ = Mud mass in g/$cm^3$ or tons/$m^3$
(cf. Flemming & Delafontaine 2000)

$POC_{conc} = 1.553 + 0.303M\% - 0.024M\%^{1.5} - 0.12M\%^{0.5}$ (eq. 2)
$POC_{conc}$ = g/$dm^3$ ÷ 1000 = g/$cm^3$ = tons/$m^3$)
(cf. Delafontaine & Flemming 1997)

| | | |
|---|---|---|
| $POC_{conc}$: | 7.85Mud% + 90.6 | (g/$m^2$ × 0.05 m; cf. Delafontaine et al. 1996) |
| POC%: : | 0.023Mud% + 0.106 | (cf. Delafontaine et al. 2000) |
| POC%: | POM% × 0.4348 | (cf. Delafonatine et al. 2000) |
| $POC_{conc}$: | $POM_{conc}$ ÷ 2.3 | (cf. Delafonatine et al. 2000) |

$M_{conc}$ = Mud concentration (tons/$m^3$); M% = Mud content (weight%); $POC_{conc}$ = Particulate Organic Matter concentration (tons/$m^3$); POC% = Particulate Organic Carbon content (weight%); POM% = Particulate Organic Matter content (weight%); $POM_{conc}$ = Particulate Organic Matter concentration (tons/$m^3$)
NB: 1 ton/$m^3$ corresponds to 1 g/$cm^3$

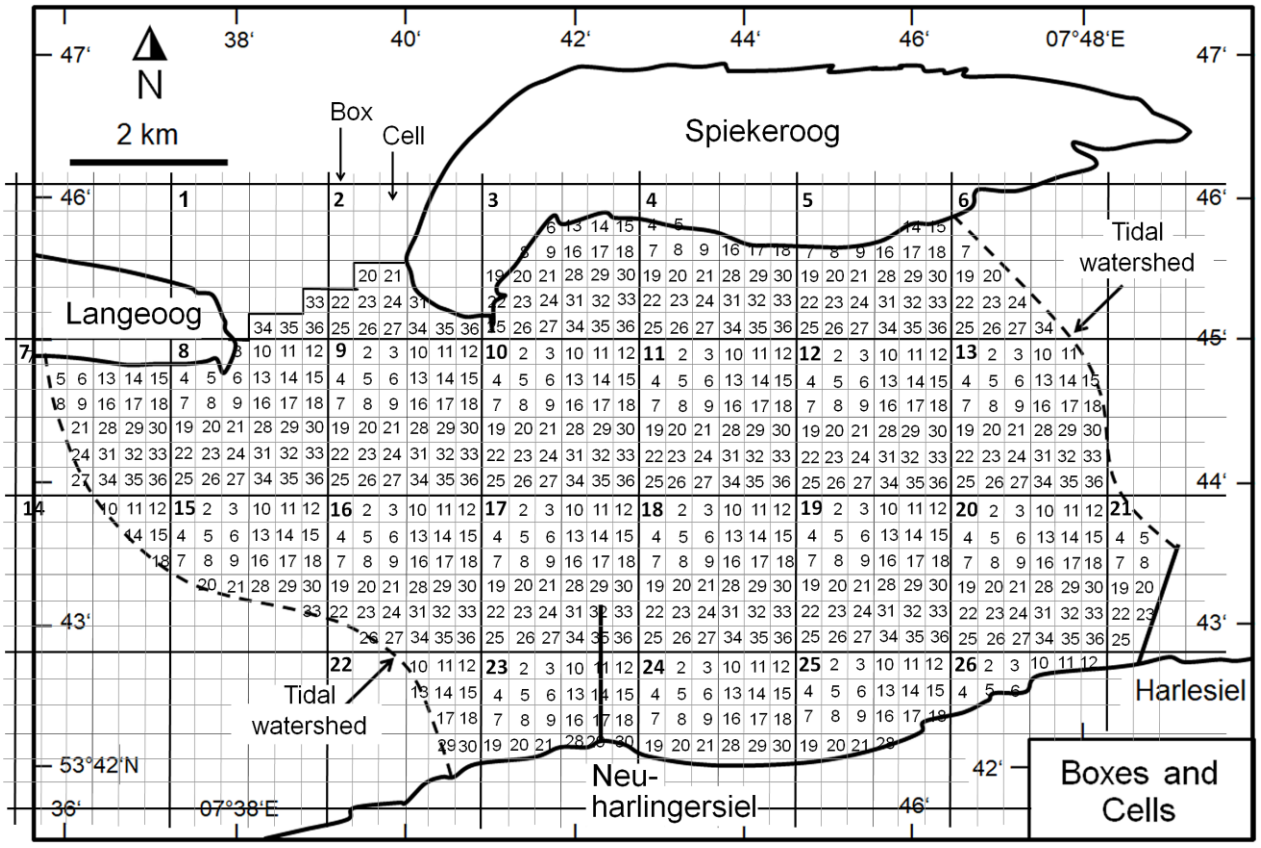
### Total mass of sediment, mud, sand, POM and POC in uppermost 5 cm

| | |
|---|---|
| Sediment mass in tidal basin: | 4,706,899.622 tons or ~4.707 × $10^6$ tons (mean density = ~1.33 tons/$m^3$) |
| Mud mass in tidal basin: | 460,564.091 tons or ~0.461 × $10^6$ tons (9.78% of sediment mass) |
| Sand mass in tidal basin: | 4,246,335.531 tons or ~4.246 × $10^6$ tons (90.22% of sediment mass) |
| Total POM mass: | 31,314.908 tons or ~31.3 × $10^3$ tons (6.8% of mud mass or 0.67% of total sediment mass) |
| Total POC mass: | 13,615.722 tons or ~13.6 × $10^3$ tons (2.96% of mud mass or 0.29% of total sediment mass) |

**Spatial arrangement of boxes and cells in the Spiekeroog tidal basin**

The spatial arrangement of the tidal basin into 4 km$^2$ boxes (overall 26) and their subdivision into 36 cells (or part thereof) is illustrated in ESM Figure 1. The compositional sediment parameters addressed in this study were thus calculated for overall 636 cells, the results of which are listed in the tables below.

**ESM Figure S1:** Boxes numbered 1–26 (bold numbers) and cells numbered 1–36 per box (or part thereof; in toto 636). The parameter values for each cell of each box are listed in the tables below.




NB: Each box measures 2×2 km (4 km$^2$) and is divided into up to 36 equal area cells. The edges of each cell measure 1/3 km (~333.3333 m), the corresponding area thus amounting to ~111,111.1 m$^2$.

**Mass totals for each box**

| Box | Total mass (tons) | Mud mass (tons) | Sand mass (tons) | Mud-% | Sand-% |
|---|---|---|---|---|---|
| 01 | 13,627.302 | 99.359 | 13,527.943 | 0.73 | 99.27 |
| 02 | 68,420.665 | 1,067.949 | 67,352.716 | 1.56 | 98.44 |
| 03 | 205,368.562 | 11,215.759 | 194,152.803 | 5.46 | 94.54 |
| 04 | 200,829.564 | 8,484.370 | 192,345.194 | 4.22 | 95.78 |
| 05 | **208,062.672** | **8,365.553** | **199,697.119** | 4.02 | 95.98 |
| 06 | 81,177.694 | 5,250.948 | 75,926.746 | 6.47 | 93.53 |
| 07 | 153,853.899 | 22,916.920 | 130,936.979 | 14.90 | 85.10 |
| 08 | 251,823.259 | 7,578.251 | 244,245.008 | 3.01 | 96.99 |
| 09 | 189,464.234 | 2,243.954 | 187,220.280 | 1.18 | 98.82 |
| 10 | **262,860.179** | **8,354.878** | **254,505.301** | 3.18 | 96.82 |
| 11 | 297,006.089 | 13,528.752 | 283,477.337 | 4.56 | 95.44 |
| 12 | 300,934.101 | 18,024.957 | 282,909.144 | 5.99 | 94.01 |
| 13 | 234,056.778 | 41,122.402 | 192,934.376 | 17.57 | 82.43 |
| 14 | 32,457.475 | 9,061.188 | 23,396.287 | 27.92 | 72.08 |
| 15 | **185,501.893** | **19,136.969** | **166,364.924** | 10.32 | 89.68 |
| 16 | 250,124.455 | 28,303.435 | 221,821.020 | 11.32 | 88.68 |
| 17 | 259,108.520 | 31,822.153 | 227,286.367 | 12.28 | 87.72 |
| 18 | 280,036.032 | 27,360.633 | 252,675.399 | 9.77 | 90.23 |
| 19 | 289,970.969 | 20,923.486 | 269,047.483 | 7.22 | 92.78 |
| 20 | **351,121.477** | **29,182.260** | **321,939.217** | 8.31 | 91.69 |
| 21 | 47,170.100 | 15,621.810 | 31,548.290 | 33.12 | 66.88 |
| 22 | 50,925.906 | 19,620.197 | 31,305.709 | 38.53 | 61.47 |
| 23 | 128,886.279 | 41,381.267 | 87,505.012 | 32.11 | 67.89 |
| 24 | 170,278.207 | 35,070.380 | 135,207.827 | 20.60 | 79.40 |
| 25 | 140,705.718 | 27,978.503 | 112,727.215 | 19.88 | 80.12 |
| 26 | 53,127.866 | 6,848.031 | 46,279.835 | 12.89 | 87.11 |
| **Totals** | **4,706,899.622** | **460,564.091** | **4,246,335.531** | **9.78%** | **90.22%** |

| **Box 1** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (weight-%) in sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud per cell (tons) | Sand per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 1-33 | 0.5 | 0.00164953 | 9.164 | 1823.645 | 6.7 | 0.614 | 2.913 | 0.267 |
| 1-34 | 0.9 | 0.00915168 | 50.843 | 5598.337 | 7.5 | 3.813 | 3.261 | 1.658 |
| 1-35 | 0.7 | 0.00543376 | 30.188 | 4282.316 | 6.8 | 2.053 | 2.957 | 0.893 |
| 1-36 | 0.5 | 0.00164953 | 9.164 | 1823.645 | 6.6 | 0.605 | 2.87 | 0.263 |
| **Box 1: Mud = 99.359 tons / Sand = 13527.943 tons / POM = 7.085 tons / POC = 3.081 tons** | | | | | | | | |

Total mass: 13627.302 tons = 100% / Mud: 99.359 tons = 0.73% / Sand: 13527.943 tons = 99.27%

| **Box 2** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (weight-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud per cell (tons) | Sand per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 2-20 | 0.7 | 0.00543376 | 30.188 | 4282.316 | 6.5 | 1.962 | 2.826 | 0.853 |
| 2-21 | 0.9 | 0.00915168 | 50.843 | 5598.337 | 6.4 | 3.254 | 2.783 | 1.415 |
| 2-22 | 0.5 | 0.00164953 | 9.164 | 1823.645 | 6.6 | 0.605 | 2.87 | 0.263 |
| 2-23 | 0.7 | 0.00543376 | 30.188 | 4282.316 | 6.4 | 1.932 | 2.783 | 0.84 |
| 2-24 | 0.9 | 0.00915168 | 50.843 | 5598.337 | 6.4 | 3.254 | 2.783 | 1.415 |
| 2-25 | 0.5 | 0.00164953 | 9.164 | 1823.645 | 6.4 | 0.586 | 2.783 | 0.255 |
| 2-26 | 0.7 | 0.00543376 | 30.188 | 4282.316 | 6.3 | 1.902 | 2.739 | 0.827 |
| 2-27 | 0.9 | 0.01275914 | 70.884 | 7805.120 | 6.3 | 4.466 | 2.739 | 1.942 |
| 2-31 | 2 | 0.0286949 | 79.708 | 7811.382 | 6.4 | 5.101 | 2.783 | 2.218 |
| 2-34 | 2 | 0.0286949 | 159.416 | 7811.382 | 6.3 | 10.043 | 2.739 | 4.366 |
| 2-35 | 2.5 | 0.0371666 | 206.481 | 8052.755 | 6.2 | 12.802 | 2.696 | 5.567 |
| 2-36 | 4 | 0.0613588 | 340.882 | 8181.165 | 6.1 | 20.794 | 2.652 | 9.04 |
| **Box 2: Mud = 1067.949 tons / Sand: 67352.716 tons / POM = 66.701 tons / POC = 29.001 tons** | | | | | | | | |

Total mass: 68420.665 tons = 100% / Mud: 1067.949 tons = 1.56% / Sand: 67352.716 tons = 98.44%

| **Box 3** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud per cell (tons) | Sand per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 3-6 | 8 | 0.11891322 | 330.314 | 3798.611 | 4.8 | 15.855 | 2.087 | 6.894 |
| 3-8 | 8 | 0.11891322 | 330.314 | 3798.611 | 4.9 | 16.185 | 2.131 | 7.039 |
| 3-9 | 6 | 0.092304 | 512.799 | 8033.859 | 5 | 25.64 | 2.174 | 11.148 |
| 3-13 | 8 | 0.11891322 | 462.44 | 5318.060 | 5.5 | 25.434 | 2.391 | 11.057 |
| 3-14 | 6 | 0.092304 | 410.24 | 8033.859 | 7.4 | 30.358 | 3.218 | 13.202 |
| 3-15 | 6 | 0.092304 | 358.96 | 5623.707 | 8 | 28.717 | 3.478 | 12.485 |
| 3-16 | 6 | 0.092304 | 512.799 | 8033.859 | 5.6 | 28.717 | 2.435 | 12.487 |
| 3-17 | 6 | 0.092304 | 512.799 | 8033.859 | 7.1 | 36.409 | 3.087 | 15.83 |
| 3-18 | 5 | 0.07661199 | 425.622 | 8086.813 | 8.4 | 35.752 | 3.652 | 15.544 |
| 3-19 | 6 | 0.0912551 | 152.092 | 2382.775 | 5 | 7.605 | 2.174 | 3.306 |
| 3-20 | 6 | 0.092304 | 512.799 | 8033.859 | 5 | 25.64 | 2.174 | 11.148 |
| 3-21 | 6 | 0.092304 | 512.799 | 8033.859 | 5.5 | 28.204 | 2.391 | 12.261 |
| 3-22 | 5 | 0.076612 | 255.373 | 4852.087 | 5.5 | 14.046 | 2.391 | 6.106 |
| 3-23 | 6 | 0.092304 | 512.799 | 8033.859 | 5.3 | 27.178 | 2.304 | 11.815 |
| 3-24 | 6 | 0.092304 | 512.799 | 8033.859 | 6.1 | 31.281 | 2.652 | 13.599 |
| 3-25 | 5 | 0.07661199 | 383.060 | 7278.140 | 5.9 | 22.601 | 2.565 | 9.825 |
| 3-26 | 5 | 0.07661199 | 425.622 | 8086.813 | 5.4 | 22.984 | 2.348 | 9.994 |
| 3-27 | 6 | 0.092304 | 512.799 | 8033.859 | 6.3 | 32.306 | 2.739 | 14.046 |
| 3-28 | 5 | 0.07661199 | 425.622 | 8086.813 | 6 | 25.537 | 2.609 | 11.104 |
| 3-29 | 5 | 0.07661199 | 425.622 | 8086.813 | 6.9 | 29.368 | 3.0 | 12.769 |
| 3-30 | 5 | 0.07661199 | 425.622 | 8086.813 | 7.6 | 32.347 | 3.304 | 14.063 |
| 3-31 | 5 | 0.07661199 | 425.622 | 8086.813 | 6.6 | 28.091 | 2.87 | 12.215 |
| 3-32 | 5 | 0.07661199 | 425.622 | 8086.813 | 6.5 | 27.665 | 2.826 | 12.028 |
| 3-33 | 5 | 0.07661199 | 425.622 | 8086.813 | 6.5 | 27.665 | 2.826 | 12.028 |
| 3-34 | 6 | 0.092304 | 512.799 | 8033.859 | 6.6 | 33.845 | 2.87 | 14.717 |
| 3-35 | 6 | 0.092304 | 512.799 | 8033.859 | 5.6 | 28.717 | 2.435 | 12.487 |
| 3-36 | 6 | 0.092304 | 512.799 | 8033.859 | 5.3 | 27.178 | 2.304 | 11.815 |
| **Total mass in Box 3: Mud = 11,215.759 tons / POM = 699.47 tons / POC = 304.13 tons** | | | | | | | | |

Total mass: 205,368.562 tons = 100% / Mud: 11,215.759 tons = 5.46% / Sand: 194,152.803 tons = 94.54%

| Box 4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 4-4 | 5 | 0.0766120 | 170.249 | 3234.731 | 10 | 17.025 | 4.348 | 7.402 |
| 4-5 | 4 | 0.0613588 | 68.176 | 1636.224 | 10 | 6.818 | 4.348 | 2.964 |
| 4-6 | 3 | 0.0454225 | 25.235 | 815.932 | 9.5 | 2.397 | 4.131 | 1.042 |
| 4-7 | 5 | 0.0766120 | 425.622 | 8086.818 | 9.5 | 40.434 | 4.131 | 17.582 |
| 4-8 | 4 | 0.0613588 | 340.882 | 8181.168 | 9.6 | 32.725 | 4.174 | 14.228 |
| 4-9 | 3 | 0.0454225 | 252.347 | 8159.220 | 9.4 | 23.721 | 4.087 | 10.313 |
| 4-16 | 3 | 0.0454225 | 201.878 | 6527.389 | 9.6 | 19.38 | 4.174 | 8.426 |
| 4-17 | 3 | 0.0454225 | 151.408 | 4895.525 | 9.7 | 14.687 | 4.218 | 6.386 |
| 4-18 | 3 | 0.0454225 | 151.408 | 4895.525 | 10 | 15.141 | 4.348 | 6.583 |
| 4-19 | 5 | 0.0766120 | 425.622 | 8086.818 | 8.4 | 35.752 | 3.652 | 15.544 |
| 4-20 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.6 | 29.316 | 3.739 | 12.746 |
| 4-21 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.8 | 29.998 | 3.826 | 13.042 |
| 4-22 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.2 | 36.502 | 3.121 | 15.823 |
| 4-23 | 5 | 0.0766120 | 425.622 | 8086.818 | 7.5 | 31.922 | 3.261 | 13.88 |
| 4-24 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.1 | 27.611 | 3.522 | 12.006 |
| 4-25 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.6 | 28.39 | 2.435 | 12.345 |
| 4-26 | 5 | 0.076612 | 425.622 | 8086.818 | 6.5 | 27.665 | 2.826 | 12.028 |
| 4-27 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.3 | 24.884 | 3.174 | 10.82 |
| 4-28 | 3 | 0.0454225 | 252.347 | 8159.220 | 9 | 22.711 | 3.913 | 9.874 |
| 4-29 | 3 | 0.0454225 | 252.347 | 8159.220 | 9.4 | 23.721 | 4.087 | 10.313 |
| 4-30 | 3 | 0.0454225 | 252.347 | 8159.220 | 9.7 | 24.478 | 4.218 | 10.644 |
| 4-31 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.5 | 21.449 | 3.696 | 9.327 |
| 4-32 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.8 | 29.998 | 3.826 | 13.042 |
| 4-33 | 4 | 0.0613588 | 340.882 | 8181.168 | 9 | 30.679 | 3.913 | 13.339 |
| 4-34 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.348 | 11.413 |
| 4-35 | 5 | 0.076612 | 425.622 | 8086.818 | 8 | 34.05 | 3.478 | 14.803 |
| 4-36 | 7 | 0.10534164 | 585.231 | 7775.212 | 8.3 | 48.574 | 3.609 | 21.121 |
| **Total mass in Box 4: Mud = 8,484.37 tons / POM = 706.276 tons / POC = 307.036 tons** | | | | | | | | |

Total mass: 200,829.564 tons = 100% / Mud: 8,484.37 tons = 4.22% / Sand: 192,345.194 tons = 95.78%

| **Box 5** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POc (wght-%) in mud | POC per cell (tons) |
| 5-7 | 2 | 0.0286949 | 95.65 | 4686.850 | 9.5 | 9.087 | 4.131 | 3.951 |
| 5-8 | 2 | 0.0286949 | 95.65 | 4686.850 | 9.2 | 8.8 | 4.0 | 3.826 |
| 5-9 | 2 | 0.0286949 | 111.591 | 5467.959 | 9 | 10.043 | 3.913 | 4.367 |
| 5-13 | 2 | 0.0286949 | 159.416 | 7811.384 | 9 | 14.347 | 3.913 | 6.238 |
| 5-14 | 3 | 0.0454225 | 75.704 | 2447.763 | 8.7 | 6.586 | 3.783 | 2.864 |
| 5-15 | 3 | 0.0454225 | 151.408 | 4895.525 | 8.4 | 12.718 | 3.652 | 5.529 |
| 5-16 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.8 | 22.207 | 3.826 | 9.655 |
| 5-17 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.6 | 21.702 | 3.739 | 9.435 |
| 5-18 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.3 | 28.293 | 3.609 | 12.302 |
| 5-19 | 3 | 0.0454225 | 252.347 | 8159.220 | 9.3 | 23.468 | 4.044 | 10.205 |
| 5-20 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.8 | 22.207 | 3.826 | 9.655 |
| 5-21 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.5 | 21.449 | 3.7 | 9.337 |
| 5-22 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.9 | 30.338 | 3.87 | 13.192 |
| 5-23 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.4 | 21.197 | 3.652 | 9.216 |
| 5-24 | 3 | 0.0454225 | 252.347 | 8159.220 | 8 | 20.188 | 3.478 | 8.777 |
| 5-25 | 5 | 0.076612 | 425.622 | 8086.818 | 8 | 34.05 | 3.478 | 14.803 |
| 5-26 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.348 | 11.413 |
| 5-27 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.3 | 24.884 | 3.174 | 10.82 |
| 5-28 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.4 | 21.197 | 3.652 | 9.216 |
| 5-29 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.3 | 28.293 | 3.609 | 12.302 |
| 5-30 | 5 | 0.076612 | 425.622 | 8086.818 | 8 | 34.05 | 3.478 | 14.803 |
| 5-31 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.9 | 26.93 | 3.435 | 11.709 |
| 5-32 | 6 | 0.0912551 | 506.972 | 7942.561 | 8 | 40.558 | 3.478 | 17.632 |
| 5-33 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.8 | 39.544 | 3.391 | 17.191 |
| 5-34 | 5 | 0.076612 | 425.622 | 8086.818 | 7.3 | 31.07 | 3.174 | 13.509 |
| 5-35 | 8 | 0.1189132 | 660.628 | 7597.222 | 7.5 | 49.547 | 3.261 | 21.543 |
| 5-36 | 8 | 0.1189132 | 660.628 | 7597.222 | 7.4 | 48.886 | 3.218 | 21.259 |
| **Total mass in Box 5: Mud = 8,365.553 tons / POM = 677.887 tons / POC = 294.749 tons** | | | | | | | | |

Total mass: 208,062.672 tons = 100% / Mud: 8,365.553 tons = 4.02% / Sand: 199,697.119 tons = 95.98%

| **Box 6** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 6-7 | 5 | 0.076612 | 425.622 | 8086.818 | 7.8 | 33.199 | 3.391 | 14.433 |
| 6-19 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.5 | 38.023 | 3.261 | 16.532 |
| 6-20 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.3 | 24.884 | 3.174 | 10.82 |
| 6-22 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.2 | 36.502 | 3.131 | 15.873 |
| 6-23 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.9 | 23.521 | 3.0 | 10.226 |
| 6-24 | 5 | 0.076612 | 425.622 | 8086.818 | 7.6 | 32.347 | 3.304 | 14.063 |
| 6-25 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.9 | 40.381 | 3.0 | 17.557 |
| 6-26 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.8 | 39.796 | 2.957 | 17.305 |
| 6-27 | 10 | 0.1320032 | 733.350 | 6600.15 | 7.6 | 55.735 | 3.304 | 24.23 |
| 6-34 | 13 | 0.18004154 | 800.184 | 5355.078 | 7.5 | 60.014 | 3.261 | 26.094 |
| **Total mass in Box 6: Mud = 5,250.948 tons / POM = 360.881 tons / POC = 167.133 tons** | | | | | | | | |

Total mass: 81,177.694 tons = 100% / Mud: 5,250.948 tons = 6.47% / Sand: 75,926.746 tons = 93.53%

| **Box 7** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 7-5 | 8 | 0.11891321 | 594.565 | 6837.498 | 9.5 | 56.484 | 4.131 | 24.561 |
| 7-6 | 10 | 0.14463924 | 803.551 | 7231.959 | 10 | 80.355 | 4.348 | 34.938 |
| 7-8 | 10 | 0.14463924 | 401.775 | 3615.975 | 8.9 | 35.758 | 3.87 | 15.549 |
| 7-9 | 12 | 0.1686396 | 936.886 | 6870.497 | 9.2 | 86.194 | 4.0 | 37.475 |
| 7-13 | 8 | 0.11891322 | 660.628 | 7597.222 | 10.4 | 68.705 | 4.522 | 29.874 |
| 7-14 | 7 | 0.10534164 | 585.231 | 7775.212 | 10.4 | 60.864 | 4.522 | 26.464 |
| 7-15 | 6 | 0.0912551 | 506.972 | 7942.613 | 9.8 | 49.683 | 4.261 | 21.602 |
| 7-16 | 10 | 0.14463924 | 803.551 | 7231.959 | 9.8 | 78.748 | 4.261 | 34.239 |
| 7-17 | 10 | 0.14463924 | 803.551 | 7231.959 | 9.7 | 77.944 | 4.218 | 33.894 |
| 7-18 | 8 | 0.11891322 | 660.628 | 7597.222 | 9.6 | 63.42 | 4.174 | 27.575 |
| 7-20 | 8 | 0.11891322 | 132.126 | 1519.449 | 8.8 | 11.627 | 3.826 | 5.055 |
| 7-21 | 10 | 0.14463924 | 803.551 | 7231.959 | 9.1 | 73.123 | 3.957 | 31.797 |
| 7-24 | 20 | 0.24996673 | 1249.832 | 4999.328 | 8.9 | 111.235 | 3.87 | 48.368 |
| 7-27 | 30 | 0.32435086 | 540.584 | 1261.363 | 8.7 | 47.031 | 3.783 | 20.45 |
| 7-28 | 16 | 0.2120356 | 1177.974 | 6184.364 | 9.4 | 110.73 | 4.087 | 48.144 |
| 7-29 | 16 | 0.2120356 | 1177.974 | 6184.364 | 9.1 | 107.196 | 3.957 | 46.612 |
| 7-30 | 11 | 0.1568447 | 871.359 | 7050.086 | 7.4 | 64.481 | 3.218 | 28.04 |
| 7-31 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.7 | 140.442 | 3.783 | 61.068 |
| 7-32 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.3 | 133.985 | 3.609 | 58.259 |
| 7-33 | 16 | 0.2120356 | 1177.974 | 6184.364 | 8.3 | 97.772 | 3.609 | 42.513 |
| 7-34 | 50 | 0.40147233 | 2230.34 | 2230.340 | 8.6 | 191.809 | 3.739 | 83.392 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7-35 | 35 | 0.3519087 | 1955.046 | 3630.780 | 8.4 | 164.224 | 3.652 | 71.398 |
| 7-36 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.3 | 133.985 | 3.609 | 58.259 |
| **Total mass in Box 7: Mud = 22,916.92 tons / POM = 2,045.795 tons / POC = 889.512 tons** | | | | | | | | |

Total mass: 153,853.899 tons = 100% / Mud: 22,916.92 tons = 14.9% / Sand: 130,936.979 tons = 85.1%

| **Box 8** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 8-3 | 1 | 0.01275914 | 49.619 | 4912.281 | 8.0 | 3.97 | 3.478 | 1.726 |
| 8-4 | 4 | 0.0613588 | 340.882 | 8181.168 | 9.1 | 31.02 | 3.957 | 13.489 |
| 8-5 | 3 | 0.0454225 | 252.347 | 8159.220 | 8.4 | 21.197 | 3.652 | 9.216 |
| 8-6 | 2 | 0.0286949 | 159.416 | 7811.384 | 7.7 | 12.275 | 3.348 | 5.337 |
| 8-7 | 5 | 0.076612 | 425.622 | 8086.818 | 8.7 | 37.029 | 3.783 | 16.101 |
| 8-8 | 3 | 0.0454225 | 252.347 | 8159.220 | 7.9 | 19.935 | 3.435 | 8.668 |
| 8-9 | 2 | 0.0286949 | 159.416 | 7811.384 | 7.5 | 11.956 | 3.261 | 5.199 |
| 8-10 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 7.3 | 3.711 | 3.174 | 1.614 |
| 8-11 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.7 | 2.023 | 2.913 | 0.879 |
| 8-12 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.4 | 0.586 | 2.783 | 0.255 |
| 8-13 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.9 | 3.508 | 3.0 | 1.525 |
| 8-14 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.6 | 3.356 | 2.87 | 1.459 |
| 8-15 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.3 | 3.203 | 2.739 | 1.393 |
| 8-16 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.8 | 10.84 | 2.957 | 4.714 |
| 8-17 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.4 | 10.203 | 2.783 | 4.437 |
| 8-18 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.0 | 3.051 | 2.609 | 1.326 |
| 8-19 | 7 | 0.10534164 | 585.231 | 7775.212 | 8.2 | 47.989 | 3.565 | 20.863 |
| 8-20 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.348 | 11.413 |
| 8-21 | 3 | 0.0454225 | 252.347 | 8159.220 | 7.3 | 18.421 | 3.174 | 8.009 |
| 8-22 | 7 | 0.10534164 | 585.231 | 7775.212 | 8.1 | 47.404 | 3.522 | 20.612 |
| 8-23 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.348 | 11.413 |
| 8-24 | 3 | 0.0454225 | 252.347 | 8159.220 | 7.3 | 18.421 | 3.174 | 8.009 |
| 8-25 | 7 | 0.10534164 | 585.231 | 7775.212 | 8.1 | 47.404 | 3.522 | 20.612 |
| 8-26 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.347 | 11.409 |
| 8-27 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.5 | 25.566 | 3.261 | 11.116 |
| 8-28 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.7 | 16.907 | 2.913 | 7.351 |
| 8-29 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.2 | 9.884 | 2.696 | 4.298 |
| 8-30 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 5.7 | 2.898 | 2.478 | 1.26 |
| 8-31 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.7 | 16.907 | 2.913 | 7.351 |
| 8-32 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.0 | 9.565 | 2.609 | 4.159 |
| 8-33 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.4 | 3.828 | 2.348 | 1.664 |
| 8-34 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.8 | 17.16 | 2.957 | 7.462 |
| 8-35 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.7 | 14.384 | 2.478 | 6.253 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8-36 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.0 | 12.617 | 2.174 | 5.486 |
| **Total mass in Box 8: Mud = 7,578.251 tons / POM = 565.962 tons / POC = 246.08 tons** | | | | | | | | |

Total mass: 251,823.259 tons = 100% / Mud: 7,578.251 tons = 3.01% / Sand: 244,245.008 tons = 96.99%

| **Box 9** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 9-1 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.3 | 0.577 | 2.739 | 0.251 |
| 9-2 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.2 | 1.872 | 2.696 | 0.814 |
| 9-3 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.3 | 3.203 | 2.739 | 1.393 |
| 9-4 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 5.9 | 1.781 | 2.565 | 0.774 |
| 9-5 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.0 | 0.55 | 2.609 | 0.239 |
| 9-6 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.2 | 0.568 | 2.696 | 0.247 |
| 9-7 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 5.7 | 1.721 | 2.478 | 0.748 |
| 9-8 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 5.8 | 1.751 | 2.522 | 0.761 |
| 9-9 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.9 | 0.632 | 3.0 | 0.275 |
| 9-10 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.4 | 3.254 | 2.783 | 1.415 |
| 9-11 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.4 | 3.254 | 2.783 | 1.415 |
| 9-12 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.3 | 4.466 | 2.739 | 1.942 |
| 9-13 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.3 | 1.902 | 2.739 | 0.827 |
| 9-14 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.3 | 3.203 | 2.739 | 1.393 |
| 9-15 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.3 | 4.466 | 2.739 | 1.942 |
| 9-16 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.3 | 0.577 | 2.739 | 0.251 |
| 9-17 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.4 | 1.932 | 2.783 | 0.827 |
| 9-18 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.4 | 3.254 | 2.783 | 1.415 |
| 9-19 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 5.6 | 2.847 | 2.435 | 1.238 |
| 9-20 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 5.7 | 2.898 | 2.478 | 1.26 |
| 9-21 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.0 | 3.051 | 2.609 | 1.326 |
| 9-22 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.3 | 3.757 | 2.304 | 1.633 |
| 9-23 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.6 | 3.97 | 2.435 | 1.726 |
| 9-24 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.2 | 3.152 | 2.696 | 1.371 |
| 9-25 | 3 | 0.0454225 | 252.347 | 8159.220 | 4.8 | 12.113 | 2.087 | 5.266 |
| 9-26 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.5 | 8.768 | 2.391 | 3.812 |
| 9-27 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.1 | 4.324 | 2.652 | 1.88 |
| 9-28 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.3 | 1.902 | 2.739 | 0.827 |
| 9-29 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 6.5 | 0.596 | 2.826 | 0.259 |
| 9-30 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.6 | 1.992 | 2.87 | 0.866 |
| 9-31 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.5 | 3.305 | 2.826 | 1.437 |
| 9-32 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.7 | 3.406 | 2.913 | 1.481 |
| 9-33 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 7.0 | 3.559 | 3.044 | 1.548 |
| 9-34 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.6 | 16.655 | 2.87 | 7.242 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9-35 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.9 | 10.995 | 3.0 | 4.78 |
| 9-36 | 2 | 0.0286949 | 159.416 | 7811.384 | 7.3 | 11.637 | 3.174 | 5.06 |
| **Total mass in Box 9: Mud = 2,243.954 tons / POM = 137.89 tons / POC = 54.439 tons** | | | | | | | | |

Total mass: 189,464.234 tons = 100% / Mud: 2,243.954 tons = 1.18% / Sand: 187,220.28 tons = 98.82%

| **Box 10** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 10-1 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.1 | 20.794 | 2.652 | 9.041 |
| 10-2 | 5 | 0.076612 | 425.622 | 8086.818 | 6.0 | 25.537 | 2.609 | 11.104 |
| 10-3 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.2 | 31.432 | 2.696 | 13.667 |
| 10-4 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.2 | 9.884 | 2.696 | 4.297 |
| 10-5 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.3 | 15.898 | 2.739 | 6.912 |
| 10-6 | 5 | 0.076612 | 425.622 | 8086.818 | 6.2 | 26.389 | 2.696 | 11.474 |
| 10-7 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.4 | 4.537 | 2.783 | 1.973 |
| 10-8 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.3 | 10.043 | 2.739 | 4.367 |
| 10-9 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.2 | 15.646 | 2.696 | 6.803 |
| 10-10 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.0 | 35.114 | 2.609 | 15.268 |
| 10-11 | 8 | 0.11891322 | 660.628 | 7597.222 | 5.2 | 34.353 | 2.261 | 14.937 |
| 10-12 | 7 | 0.10534164 | 585.231 | 7775.212 | 4.2 | 24.58 | 1.826 | 10.687 |
| 10-13 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.7 | 28.897 | 2.478 | 12.565 |
| 10-14 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.5 | 22.814 | 1.957 | 9.919 |
| 10-15 | 6 | 0.0912551 | 506.972 | 7942.561 | 3.8 | 19.265 | 1.652 | 8.376 |
| 10-16 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.5 | 18.749 | 2.391 | 8.152 |
| 10-17 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.6 | 15.681 | 2.0 | 6.818 |
| 10-18 | 4 | 0.0613588 | 340.882 | 8181.168 | 3.9 | 13.294 | 1.696 | 5.78 |
| 10-19 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.6 | 3.356 | 2.87 | 1.459 |
| 10-20 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.5 | 3.305 | 2.826 | 1.437 |
| 10-21 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.2 | 4.395 | 2.696 | 1.911 |
| 10-22 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 7.0 | 3.559 | 3.044 | 1.547 |
| 10-23 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 6.8 | 2.053 | 2.957 | 0.893 |
| 10-24 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.4 | 3.254 | 2.783 | 1.415 |
| 10-25 | 2 | 0.0286949 | 159.416 | 7811.384 | 7.3 | 11.637 | 3.174 | 5.06 |
| 10-26 | 1 | 0.01275914 | 70.884 | 7017.516 | 7.2 | 5.104 | 3.131 | 2.219 |
| 10-27 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.7 | 4.749 | 2.913 | 2.065 |
| 10-28 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.6 | 8.927 | 2.435 | 3.882 |
| 10-29 | 2 | 0.0286949 | 159.416 | 7811.384 | 4.9 | 7.811 | 2.131 | 3.396 |
| 10-30 | 2 | 0.0286949 | 159.416 | 7811.384 | 4.5 | 7.174 | 1.957 | 3.119 |
| 10-31 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.8 | 4.111 | 2.522 | 1.788 |
| 10-32 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.2 | 3.686 | 2.261 | 1.603 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10-33 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.0 | 3.544 | 2.174 | 1.541 |
| 10-34 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.1 | 3.101 | 2.652 | 1.348 |
| 10-35 | 0.7 | 0.00543376 | 30.188 | 4282.383 | 5.5 | 1.66 | 2.391 | 0.722 |
| 10-36 | 0.5 | 0.00164953 | 9.164 | 1823.636 | 5.3 | 0.486 | 2.304 | 0.211 |
| **Total mass in Box 10: Mud = 8,354.878 tons / POM = 454.819 tons / POC = 197.755 tons** | | | | | | | | |

Total mass: 262,860.179 tons = 100% / Mud: 8,354.878 tons = 3.18% / Sand: 254,505.301 tons = 96.82%

| **Box 11** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 11-1 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.5 | 22.814 | 1.957 | 9.919 |
| 11-2 | 5 | 0.076612 | 425.622 | 8086.818 | 5.5 | 23.409 | 2.391 | 10.068 |
| 11-3 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.5 | 22.157 | 2.826 | 9.633 |
| 11-4 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.0 | 20.279 | 1.739 | 8.817 |
| 11-5 | 5 | 0.076612 | 425.622 | 8086.818 | 5.1 | 21.707 | 2.217 | 9.438 |
| 11-6 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.8 | 19.771 | 2.522 | 8.596 |
| 11-7 | 5 | 0.076612 | 425.622 | 8086.818 | 4.2 | 17.876 | 1.826 | 7.772 |
| 11-8 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.0 | 13.635 | 1.739 | 5.928 |
| 11-9 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.3 | 13.374 | 2.304 | 5.815 |
| 11-10 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.0 | 23.862 | 3.044 | 10.375 |
| 11-11 | 5 | 0.076612 | 425.622 | 8086.818 | 6.9 | 29.368 | 3.000 | 12.769 |
| 11-12 | 10 | 0.14463924 | 803.551 | 7231.959 | 6.4 | 51.427 | 2.783 | 22.360 |
| 11-13 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.5 | 22.157 | 2.826 | 9.633 |
| 11-14 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.3 | 36.870 | 2.739 | 16.030 |
| 11-15 | 11 | 0.1568447 | 871.359 | 7050.086 | 6.3 | 54.896 | 2.739 | 23.868 |
| 11-16 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.3 | 21.476 | 2.739 | 9.337 |
| 11-17 | 5 | 0.076612 | 425.622 | 8086.818 | 6.5 | 27.665 | 2.826 | 12.028 |
| 11-18 | 9 | 0.1320032 | 733.35 | 7414.983 | 6.6 | 48.401 | 2.870 | 21.044 |
| 11-19 | 2 | 0.0286949 | 159.416 | 7811.384 | 4.7 | 7.493 | 2.044 | 3.258 |
| 11-20 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.2 | 8.29 | 2.261 | 3.604 |
| 11-21 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.7 | 14.384 | 2.478 | 6.254 |
| 11-22 | 1 | 0.01275914 | 70.884 | 7017.516 | 5.0 | 3.544 | 2.174 | 1.541 |
| 11-23 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.5 | 8.768 | 2.391 | 3.812 |
| 11-24 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.8 | 14.636 | 2.522 | 6.363 |
| 11-25 | 0.9 | 0.00915165 | 50.842 | 5089.849 | 5.5 | 2.796 | 2.391 | 1.216 |
| 11-26 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.8 | 9.264 | 2.522 | 4.028 |
| 11-27 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.2 | 15.646 | 2.696 | 6.803 |
| 11-28 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.2 | 15.646 | 2.696 | 6.803 |
| 11-29 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 11-30 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.6 | 38.625 | 2.870 | 16.793 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11-31 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.3 | 15.898 | 2.739 | 6.912 |
| 11-32 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 11-33 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.4 | 32.446 | 2.783 | 14.107 |
| 11-34 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 11-35 | 5 | 0.076612 | 425.622 | 8086.818 | 6.7 | 28.517 | 2.913 | 12.399 |
| 11-36 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.6 | 33.460 | 2.870 | 14.548 |
| **Total mass in Box 11: Mud = 13,528.752 tons / POM = 808.024 tons / POC = 351.329 tons** | | | | | | | | |

Total mass: 297,006.089 tons = 100% / Mud: 13,528.752 tons = 4.56% / Sand: 283,477.337 tons = 95.44%

| **Box 12** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%9 in mud | POC per cell (tons) |
| 12-1 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.7 | 39.210 | 2.913 | 17.048 |
| 12-2 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.0 | 23.862 | 3.044 | 10.375 |
| 12-3 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.7 | 22.839 | 2.913 | 9.930 |
| 12-4 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.5 | 38.040 | 2.826 | 16.539 |
| 12-5 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.4 | 21.816 | 2.783 | 9.485 |
| 12-6 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.1 | 15.393 | 2.652 | 6.693 |
| 12-7 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.4 | 32.446 | 2.783 | 14.107 |
| 12-8 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.1 | 20.794 | 2.652 | 9.041 |
| 12-9 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.7 | 14.384 | 2.478 | 6.254 |
| 12-10 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.3 | 41.623 | 2.739 | 18.097 |
| 12-11 | 12 | 0.1686396 | 936.886 | 6870.497 | 6.0 | 56.213 | 2.609 | 24.440 |
| 12-12 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.3 | 50.624 | 2.739 | 22.010 |
| 12-13 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.6 | 28.390 | 2.435 | 12.343 |
| 12-14 | 10 | 0.14463923 | 803.551 | 7231.959 | 5.4 | 43.392 | 2.348 | 18.866 |
| 12-15 | 12 | 0.1686396 | 936.886 | 6870.497 | 6.0 | 56.213 | 2.609 | 24.440 |
| 12-16 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.3 | 18.067 | 2.304 | 7.855 |
| 12-17 | 5 | 0.076612 | 425.622 | 8086.818 | 5.4 | 22.984 | 2.348 | 9.993 |
| 12-18 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.2 | 49.820 | 2.696 | 21.661 |
| 12-19 | 5 | 0.076612 | 425.622 | 8086.818 | 6.3 | 26.814 | 2.739 | 11.658 |
| 12-20 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.7 | 19.430 | 2.478 | 8.448 |
| 12-21 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.5 | 13.880 | 2.391 | 6.035 |
| 12-22 | 5 | 0.076612 | 425.622 | 8086.818 | 6.2 | 26.389 | 2.696 | 11.473 |
| 12-23 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.7 | 19.430 | 2.478 | 8.448 |
| 12-24 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.3 | 18.067 | 2.304 | 7.855 |
| 12-25 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.2 | 36.284 | 2.696 | 15.776 |
| 12-26 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.6 | 28.390 | 2.435 | 12.343 |
| 12-27 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.0 | 17.044 | 2.174 | 7.410 |
| 12-28 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.1 | 12.870 | 2.217 | 5.596 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12-29 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.2 | 17.726 | 2.261 | 7.707 |
| 12-30 | 7 | 0.10534164 | 585.231 | 7775.212 | 6.0 | 35.114 | 2.609 | 15.267 |
| 12-31 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.8 | 16.362 | 2.087 | 7.114 |
| 12-32 | 5 | 0.076612 | 425.622 | 8086.818 | 4.8 | 20.430 | 2.087 | 8.883 |
| 12-33 | 9 | 0.1320032 | 733.35 | 7414.983 | 5.0 | 36.668 | 2.174 | 15.943 |
| 12-34 | 5 | 0.076612 | 425.622 | 8086.818 | 4.7 | 20.004 | 2.044 | 8.697 |
| 12-35 | 8 | 0.11891322 | 660.628 | 7597.222 | 4.3 | 28.407 | 1.870 | 12.351 |
| 12-36 | 12 | 0.1686396 | 936.886 | 6870.497 | 4.0 | 37.475 | 1.739 | 16.293 |
| **Total mass in Box 12: Mud = 18,024.957 tons / POM = 1,026.804 tons / POC = 446.454 tons** | | | | | | | | |

Total mass: 300,934.101 tons = 100% / Mud: 18,024.957 tons = 5.99% / Sand: 282,909.144 tons = 94.01%

| **Box 13** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 13-1 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.8 | 34.474 | 2.957 | 14.989 |
| 13-2 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.5 | 49.547 | 3.261 | 21.542 |
| 13-3 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.6 | 89.526 | 3.304 | 38.924 |
| 13-4 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.0 | 46.244 | 3.044 | 20.106 |
| 13-5 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.9 | 63.481 | 3.435 | 27.600 |
| 13-6 | 30 | 0.32435086 | 1801.947 | 4204.543 | 8.0 | 144.156 | 3.478 | 62.677 |
| 13-7 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.2 | 57.856 | 3.131 | 25.155 |
| 13-8 | 14 | 0.1910659 | 1061.476 | 6368.856 | 7.6 | 80.672 | 3.304 | 35.075 |
| 13-9 | 30 | 0.32435086 | 1801.947 | 4204.543 | 8.0 | 144.156 | 3.478 | 62.677 |
| 13-10 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.2 | 116.228 | 3.131 | 50.534 |
| 13-11 | 20 | 0.24996673 | 972.092 | 3888.368 | 7.4 | 71.935 | 3.218 | 31.276 |
| 13-13 | 45 | 0.39835057 | 2213.057 | 2704.847 | 7.5 | 165.979 | 3.261 | 72.165 |
| 13-14 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.4 | 132.875 | 2.783 | 57.772 |
| 13-15 | 30 | 0.32435086 | 1801.168 | 4204.543 | 6.3 | 68.114 | 2.739 | 29.615 |
| 13-16 | 55 | 0.40800032 | 2266.666 | 1854.545 | 8.0 | 181.333 | 3.478 | 78.840 |
| 13-17 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.4 | 132.875 | 2.783 | 57.772 |
| 13-18 | 25 | 0.2905696 | 807.134 | 2421.402 | 6.3 | 50.849 | 2.739 | 22.108 |
| 13-19 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 13-20 | 5 | 0.076612 | 425.622 | 8086.818 | 6.7 | 28.517 | 2.913 | 12.399 |
| 13-21 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.0 | 112.999 | 3.044 | 49.130 |
| 13-22 | 9 | 0.1320032 | 733.35 | 7414.983 | 5.5 | 40.334 | 2.391 | 17.537 |
| 13-23 | 9 | 0.1320032 | 733.35 | 7414.983 | 5.5 | 40.334 | 2.391 | 17.537 |
| 13-24 | 16 | 0.2120356 | 1177.974 | 6184.364 | 5.4 | 63.611 | 2.348 | 27.657 |
| 13-25 | 11 | 0.1568447 | 871.359 | 7050.086 | 4.0 | 34.854 | 1.739 | 15.154 |
| 13-26 | 8 | 0.11891322 | 660.628 | 7597.222 | 4.3 | 28.407 | 1.870 | 12.351 |
| 13-27 | 12 | 0.1686396 | 936.886 | 6870.497 | 4.8 | 44.971 | 2.087 | 19.553 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 13-28 | 40 | 0.37371267 | 2076.179 | 3114.269 | 7.0 | 145.333 | 3.044 | 63.188 |
| 13-29 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.4 | 103.314 | 2.783 | 44.919 |
| 13-30 | 18 | 0.23164315 | 643.453 | 2931.286 | 6.4 | 41.181 | 2.783 | 17.905 |
| 13-31 | 20 | 0.24996673 | 1388.703 | 5554.812 | 6.2 | 86.100 | 2.696 | 37.435 |
| 13-32 | 18 | 0.23164315 | 1286.905 | 5862.567 | 6.6 | 84.936 | 2.870 | 36.929 |
| 13-33 | 16 | 0.2120356 | 706.785 | 3710.621 | 6.9 | 48.768 | 3.000 | 21.203 |
| 13-34 | 14 | 0.1910659 | 1061.476 | 6520.495 | 5.7 | 60.504 | 2.478 | 26.306 |
| 13-35 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.0 | 82.458 | 3.044 | 35.851 |
| 13-36 | 18 | 0.23164315 | 1286.905 | 5862.267 | 8.0 | 102.952 | 3.478 | 44.762 |
| **Total mass in Box 13: Mud = 41,122.402 tons / POM = 2,802.371 tons / POC = 1,218.471 tons** | | | | | | | | |

Total mass: 234,056.778 tons = 100% / Mud: 41,122.402 tons = 17.57% / Sand: 192,934.376 tons = 82.43%

| **Box 14** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 14-10 | 50 | 0.40147233 | 1338.24 | 1338.240 | 8.6 | 115.089 | 3.739 | 50.039 |
| 14-11 | 40 | 0.37371267 | 2076.179 | 3114.269 | 8.4 | 174.400 | 3.652 | 75.826 |
| 14-12 | 20 | 0.24996673 | 1388.703 | 5554.812 | 8.4 | 116.651 | 3.652 | 50.718 |
| 14-14 | 35 | 0.3519087 | 1173.028 | 2178.806 | 8.4 | 98.534 | 3.652 | 42.841 |
| 14-15 | 20 | 0.3519087 | 1955.046 | 7820.184 | 8.4 | 164.224 | 3.652 | 71.402 |
| 14-18 | 25 | 0.2905696 | 1129.992 | 3389.976 | 8.4 | 94.919 | 3.652 | 41.269 |
| **Total mass in Box 14: Mud = 9,061.188 tons / POM = 763.817 tons / POC = 332.108 tons** | | | | | | | | |

Total mass: 32,457.475 tons = 100% / Mud: 9,061.188 tons = 27.92% / Sand: 23,396.287 tons = 72.08%

| **Box 15** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 15-1 | 14 | 0.1910659 | 1061.476 | 6520.495 | 8.3 | 88.103 | 3.609 | 38.306 |
| 15-2 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.9 | 63.481 | 3.435 | 27.600 |
| 15-3 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.7 | 26.248 | 3.348 | 11.412 |
| 15-4 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.5 | 137.213 | 3.696 | 59.658 |
| 15-5 | 20 | 0.24996673 | 1388.703 | 5554.812 | 8.4 | 116.651 | 3.652 | 50.718 |
| 15-6 | 5 | 0.076612 | 425.622 | 8086.818 | 8.0 | 34.050 | 3.478 | 14.804 |
| 15-7 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.4 | 135.599 | 3.652 | 58.956 |
| 15-8 | 20 | 0.24996673 | 1388.703 | 5554.812 | 8.5 | 118.040 | 3.696 | 51.322 |
| 15-9 | 10 | 0.14463923 | 803.551 | 7231.959 | 8.5 | 68.392 | 3.696 | 29.736 |
| 15-10 | 3 | 0.0454225 | 252.347 | 8159.220 | 7.0 | 17.664 | 3.044 | 7.680 |
| 15-11 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.6 | 19.089 | 2.435 | 8.230 |
| 15-12 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.7 | 16.021 | 2.044 | 6.966 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 15-13 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.0 | 23.862 | 3.044 | 10.375 |
| 15-14 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.0 | 20.453 | 2.609 | 8.893 |
| 15-15 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.5 | 22.814 | 1.957 | 9.919 |
| 15-16 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.6 | 89.526 | 3.304 | 38.924 |
| 15-17 | 12 | 0.1686396 | 936.886 | 6870.497 | 6.3 | 59.024 | 2.739 | 25.663 |
| 15-18 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.1 | 17.385 | 2.217 | 7.559 |
| 15-20 | 25 | 0.2905696 | 968.564 | 2905.692 | 8.4 | 81.359 | 3.652 | 35.373 |
| 15-21 | 16 | 0.2120356 | 1177.974 | 6184.364 | 8.5 | 100.128 | 3.696 | 43.534 |
| 15-28 | 14 | 0.1910659 | 1061.476 | 6520.495 | 8.0 | 84.918 | 3.478 | 36.921 |
| 15-29 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.0 | 35.488 | 3.044 | 15.430 |
| 15-30 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.8 | 19.771 | 2.522 | 8.596 |
| 15-33 | 14 | 0.1910659 | 1061.476 | 6520.495 | 7.0 | 74.303 | 3.044 | 32.306 |
| **Total mass in Box 15: Mud = 19,136.969 tons / POM = 1,469.582 tons / POC = 638.974 tons** | | | | | | | | |

Total mass: 185,501.893 tons = 100% / Mud: 19,136.969 tons = 10.32% / Sand: 166,364.924 tons = 89.68%

| **Box 16** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 16-1 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.6 | 15.681 | 2.000 | 6.818 |
| 16-2 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.2 | 17.726 | 2.261 | 7.707 |
| 16-3 | 5 | 0.076612 | 425.622 | 8086.818 | 6.3 | 26.814 | 2.739 | 11.658 |
| 16-4 | 5 | 0.076612 | 425.622 | 8086.818 | 4.4 | 18.727 | 1.913 | 8.142 |
| 16-5 | 5 | 0.076612 | 425.622 | 8086.818 | 5.1 | 21.707 | 2.217 | 9.438 |
| 16-6 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.5 | 42.941 | 2.826 | 18.670 |
| 16-7 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.5 | 22.814 | 1.957 | 9.919 |
| 16-8 | 7 | 0.10534164 | 585.231 | 7775.212 | 5.0 | 29.262 | 3.174 | 12.723 |
| 16-9 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.7 | 53.838 | 2.913 | 23.408 |
| 16-10 | 5 | 0.076612 | 425.622 | 8086.818 | 6.7 | 28.517 | 2.913 | 12.399 |
| 16-11 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.1 | 24.203 | 3.087 | 10.523 |
| 16-12 | 5 | 0.076612 | 425.622 | 8086.818 | 7.5 | 31.922 | 3.261 | 13.879 |
| 16-13 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.8 | 54.641 | 2.957 | 23.757 |
| 16-14 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.2 | 57.856 | 3.131 | 25.155 |
| 16-15 | 12 | 0.1686396 | 936.886 | 6870.497 | 8.0 | 74.951 | 3.478 | 32.587 |
| 16-16 | 18 | 0.23164315 | 1286.905 | 5862.567 | 7.3 | 93.944 | 3.174 | 40.845 |
| 16-17 | 30 | 0.32435086 | 1801.947 | 4204.543 | 7.3 | 131.542 | 3.174 | 57.192 |
| 16-18 | 45 | 0.39835057 | 2213.057 | 2704.847 | 8.3 | 183.684 | 3.609 | 79.863 |
| 16-19 | 5 | 0.076612 | 425.622 | 8086.818 | 5.0 | 21.281 | 2.174 | 9.253 |
| 16-20 | 7 | 0.10534164 | 585.231 | 7775.212 | 5.5 | 32.188 | 2.391 | 13.995 |
| 16-21 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.0 | 46.244 | 3.044 | 20.106 |
| 16-22 | 7 | 0.10534164 | 468.185 | 6220.172 | 6.5 | 30.432 | 2.826 | 13.231 |
| 16-23 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.5 | 32.953 | 2.826 | 14.327 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16-24 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.4 | 48.886 | 3.218 | 21.255 |
| 16-26 | 8 | 0.11891322 | 264.251 | 3038.887 | 7.2 | 19.026 | 3.131 | 8.272 |
| 16-27 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.7 | 61.873 | 3.348 | 26.901 |
| 16-28 | 18 | 0.23164315 | 1286.905 | 5862.567 | 7.7 | 99.092 | 3.348 | 43.083 |
| 16-29 | 30 | 0.32435086 | 1801.947 | 4204.543 | 7.8 | 140.552 | 3.391 | 61.110 |
| 16-30 | 50 | 0.40147233 | 2230.340 | 2230.340 | 8.4 | 187.349 | 3.652 | 81.456 |
| 16-31 | 16 | 0.2120356 | 1177.974 | 6184.364 | 8.2 | 96.594 | 3.565 | 41.997 |
| 16-32 | 30 | 0.32435086 | 1801.947 | 4204.543 | 8.7 | 156.769 | 3.783 | 68.160 |
| 16-33 | 40 | 0.37371267 | 2076.179 | 3114.269 | 8.4 | 174.399 | 3.652 | 75.826 |
| 16-34 | 20 | 0.24996673 | 1388.703 | 5554.812 | 8.2 | 113.874 | 3.565 | 49.510 |
| 16-35 | 40 | 0.37371267 | 2076.179 | 3114.269 | 8.4 | 174.399 | 3.652 | 75.826 |
| 16-36 | 50 | 0.40147233 | 2230.34 | 2230.340 | 8.2 | 182.888 | 3.565 | 79.517 |
| **Total mass in Box 16: Mud = 28,303.435 tons / POM = 2,549.569 tons / POC = 1,108.553 tons** | | | | | | | | |

Total mass: 250,124.455 tons = 100% / Mud: 28,303.435 tons = 11.32% / Sand: 221,821.02 tons = 88.68%

| **Box 17** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 17-1 | 5 | 0.076612 | 425.622 | 8086.818 | 7.8 | 33.199 | 3.391 | 14.434 |
| 17-2 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.6 | 25.907 | 3.304 | 11.264 |
| 17-3 | 2 | 0.0286949 | 159.416 | 7811.384 | 7.2 | 11.478 | 3.131 | 4.990 |
| 17-4 | 10 | 0.14463923 | 803.551 | 7231.959 | 8.3 | 66.695 | 3.609 | 28.998 |
| 17-5 | 8 | 0.11891322 | 660.628 | 7597.222 | 8.0 | 52.850 | 3.478 | 22.978 |
| 17-6 | 3 | 0.0454225 | 252.347 | 8159.220 | 7.4 | 18.674 | 3.217 | 8.119 |
| 17-7 | 30 | 0.32435086 | 1801.947 | 4204.543 | 9.0 | 162.175 | 3.913 | 70.511 |
| 17-8 | 10 | 0.14463923 | 803.551 | 7231.959 | 8.5 | 68.302 | 3.696 | 29.697 |
| 17-9 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.5 | 25.566 | 3.261 | 11.116 |
| 17-10 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 6.3 | 3.203 | 2.739 | 1.393 |
| 17-11 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 5.7 | 2.898 | 2.478 | 1.260 |
| 17-12 | 0.9 | 0.00915165 | 50.842 | 5598.269 | 5.6 | 2.847 | 2.435 | 1.238 |
| 17-13 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.4 | 16.150 | 2.783 | 7.022 |
| 17-14 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.0 | 9.565 | 2.609 | 4.159 |
| 17-15 | 2 | 0.0286949 | 159.416 | 7811.384 | 5.8 | 9.246 | 2.522 | 4.020 |
| 17-16 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.5 | 32.953 | 2.826 | 14.327 |
| 17-17 | 5 | 0.076612 | 425.622 | 8086.818 | 6.3 | 26.814 | 2.739 | 11.658 |
| 17-18 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.3 | 21.476 | 2.739 | 9.337 |
| 17-19 | 50 | 0.40147233 | 2230.340 | 2239.340 | 9.0 | 200.731 | 3.913 | 87.274 |
| 17-20 | 20 | 0.24996673 | 1388.703 | 5554.812 | 8.5 | 118.040 | 3.696 | 51.322 |
| 17-21 | 6 | 0.0912551 | 506.972 | 7942.561 | 7.6 | 38.530 | 3.304 | 16.752 |
| 17-22 | 40 | 0.37371267 | 2076.179 | 3114.269 | 8.4 | 174.399 | 3.652 | 75.826 |
| 17-23 | 35 | 0.3519087 | 1955.046 | 3630.800 | 8.3 | 162.269 | 3.609 | 70.552 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17-24 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.6 | 89.526 | 3.304 | 38.924 |
| 17-25 | 45 | 0.39835057 | 2213.057 | 2704.847 | 7.9 | 174.832 | 3.435 | 76.014 |
| 17-26 | 35 | 0.3519087 | 1955.046 | 3630.800 | 7.9 | 154.449 | 3.435 | 67.152 |
| 17-27 | 30 | 0.32435086 | 1801.947 | 4204.543 | 7.5 | 135.146 | 3.261 | 58.759 |
| 17-28 | 7 | 0.10534164 | 585.231 | 6220.172 | 6.7 | 39.210 | 2.913 | 17.048 |
| 17-29 | 7 | 0.10534164 | 585.231 | 6220.172 | 6.3 | 36.870 | 2.739 | 16.030 |
| 17-30 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.4 | 32.446 | 2.783 | 14.107 |
| 17-31 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.9 | 55.445 | 3.000 | 24.107 |
| 17-32 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.4 | 51.427 | 2.783 | 22.360 |
| 17-33 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.5 | 52.231 | 2.826 | 22.709 |
| 17-34 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.9 | 111.385 | 3.000 | 48.428 |
| 17-35 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.7 | 108.156 | 2.913 | 47.024 |
| 17-36 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.7 | 108.156 | 2.913 | 47.024 |
| **Total mass in Box 17: Mud = 31,822.153 tons / POM = 2,433.246 tons / POC = 1,057.975 tons** | | | | | | | | |

Total mass: 259,108.52 tons = 100% / Mud: 31,822.153 tons = 12.28% / Sand: 227,286.367 tons = 87.72%

| **Box 18** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 18-1 | 1 | 0.01275914 | 70.884 | 7017.516 | 6.0 | 4.253 | 2.609 | 1.849 |
| 18-2 | 2 | 0.0286949 | 159.416 | 7811.384 | 6.3 | 10.043 | 2.739 | 4.367 |
| 18-3 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 18-4 | 3 | 0.0454225 | 252.347 | 8159.220 | 6.2 | 15.646 | 2.696 | 6.803 |
| 18-5 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.6 | 22.498 | 2.870 | 9.782 |
| 18-6 | 5 | 0.076612 | 425.622 | 8086.818 | 6.8 | 28.942 | 2.957 | 12.583 |
| 18-7 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.7 | 22.800 | 2.913 | 9.913 |
| 18-8 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.1 | 24.203 | 3.087 | 10.523 |
| 18-9 | 5 | 0.076612 | 425.622 | 8086.818 | 7.2 | 30.645 | 3.131 | 13.324 |
| 18-10 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.7 | 33.967 | 2.913 | 14.768 |
| 18-11 | 7 | 0.10534164 | 585.231 | 6220.172 | 7.0 | 40.966 | 3.044 | 17.811 |
| 18-12 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.9 | 45.583 | 3.000 | 19.819 |
| 18-13 | 7 | 0.10534164 | 585.231 | 6220.172 | 7.1 | 41.551 | 3.087 | 18.066 |
| 18-14 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.3 | 48.226 | 3.174 | 20.968 |
| 18-15 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.2 | 57.856 | 3.131 | 25.155 |
| 18-16 | 12 | 0.1686396 | 936.886 | 6870.497 | 7.3 | 68.393 | 3.174 | 29.736 |
| 18-17 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.6 | 61.070 | 3.304 | 26.552 |
| 18-18 | 10 | 0.14463923 | 803.551 | 7231.959 | 7.7 | 61.873 | 3.348 | 26.901 |
| 18-19 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.0 | 23.862 | 3.044 | 10.375 |
| 18-20 | 5 | 0.076612 | 425.622 | 8086.818 | 7.5 | 31.922 | 3.261 | 13.879 |
| 18-21 | 9 | 0.1320032 | 733.35 | 7414.983 | 7.6 | 55.735 | 3.304 | 24.233 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 18-22 | 7 | 0.10534164 | 585.231 | 6220.172 | 7.1 | 41.551 | 3.087 | 18.066 |
| 18-23 | 8 | 0.11891322 | 660.628 | 7597.222 | 8.0 | 52.850 | 3.478 | 22.978 |
| 18-24 | 14 | 0.1910659 | 1061.476 | 6520.495 | 7.9 | 83.857 | 3.435 | 36.460 |
| 18-25 | 14 | 0.1910659 | 1061.476 | 6520.495 | 6.9 | 73.242 | 3.000 | 31.844 |
| 18-26 | 12 | 0.1686396 | 936.886 | 6870.497 | 7.7 | 72.140 | 3.348 | 31.365 |
| 18-27 | 18 | 0.23164315 | 1286.905 | 5862.567 | 7.5 | 96.518 | 3.261 | 41.964 |
| 18-28 | 20 | 0.24996673 | 1388.703 | 5554.812 | 7.3 | 101.375 | 3.174 | 44.076 |
| 18-29 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.7 | 90.704 | 3.348 | 39.436 |
| 18-30 | 9 | 0.1320032 | 733.35 | 7414.983 | 8.2 | 60.135 | 3.565 | 26.146 |
| 18-31 | 30 | 0.32435086 | 1801.947 | 4204.543 | 7.0 | 126.136 | 3.044 | 54.842 |
| 18-32 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.5 | 121.071 | 3.261 | 52.640 |
| 18-33 | 10 | 0.14463923 | 803.551 | 7231.959 | 8.2 | 65.891 | 3.565 | 28.648 |
| 18-34 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.5 | 104.928 | 2.826 | 45.621 |
| 18-35 | 18 | 0.23164315 | 1286.905 | 5862.567 | 6.5 | 83.649 | 2.826 | 36.369 |
| 18-36 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.9 | 55.445 | 3.000 | 24.107 |
| **Total mass in Box 18: Mud = tons 27,360.633 / POM = 1,982.024 tons / POC = 861.784 tons** | | | | | | | | |

Total mass: 280,036.032 tons = 100% / Mud: 27,360.633 tons = 9.77% / Sand: 252,675.399 tons = 90.23%

| **Box 19** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 19-1 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.3 | 41.620 | 2.739 | 18.096 |
| 19-2 | 7 | 0.10534164 | 585.231 | 6220.172 | 5.5 | 32.188 | 2.391 | 13.995 |
| 19-3 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.8 | 16.362 | 2.087 | 7.114 |
| 19-4 | 10 | 0.14463923 | 803.551 | 7231.959 | 6.3 | 50.624 | 2.739 | 22.010 |
| 19-5 | 8 | 0.11891322 | 660.628 | 7597.222 | 5.4 | 35.674 | 2.348 | 15.510 |
| 19-6 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.4 | 22.307 | 1.913 | 9.670 |
| 19-7 | 12 | 0.1686396 | 936.886 | 6870.497 | 6.5 | 60.898 | 2.826 | 26.477 |
| 19-8 | 10 | 0.14463923 | 803.551 | 7231.959 | 5.3 | 42.588 | 2.304 | 18.516 |
| 19-9 | 7 | 0.10534164 | 585.231 | 6220.172 | 4.4 | 25.750 | 1.913 | 11.196 |
| 19-10 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.6 | 23.321 | 2.000 | 10.140 |
| 19-11 | 7 | 0.10534164 | 585.231 | 6220.172 | 4.1 | 23.994 | 1.783 | 10.432 |
| 19-12 | 9 | 0.1320032 | 733.35 | 7414.983 | 3.7 | 27.134 | 1.609 | 11.797 |
| 19-13 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.4 | 14.999 | 1.913 | 6.521 |
| 19-14 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.5 | 15.340 | 1.957 | 6.670 |
| 19-15 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.3 | 14.658 | 1.870 | 6.373 |
| 19-16 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.4 | 14.999 | 1.913 | 6.521 |
| 19-17 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.0 | 12.617 | 2.174 | 5.486 |
| 19-18 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.2 | 13.122 | 2.261 | 5.705 |
| 19-19 | 14 | 0.1910659 | 1061.476 | 6520.495 | 6.5 | 68.996 | 2.826 | 29.998 |
| 19-20 | 12 | 0.1686396 | 936.886 | 6870.497 | 5.4 | 50.592 | 2.348 | 21.997 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 19-21 | 6 | 0.0912551 | 506.972 | 7942.561 | 4.5 | 22.814 | 1.957 | 9.919 |
| 19-22 | 10 | 0.14463923 | 803.551 | 7231.959 | 4.7 | 37.767 | 2.044 | 16.420 |
| 19-23 | 10 | 0.14463923 | 803.551 | 7231.959 | 5.3 | 42.588 | 2.304 | 18.516 |
| 19-24 | 7 | 0.10534164 | 585.231 | 6220.172 | 5.3 | 31.017 | 2.304 | 13.486 |
| 19-25 | 7 | 0.10534164 | 585.231 | 6220.172 | 5.5 | 32.188 | 2.391 | 13.995 |
| 19-26 | 8 | 0.11891322 | 660.628 | 7597.222 | 5.4 | 35.674 | 2.348 | 15.510 |
| 19-27 | 11 | 0.1568447 | 871.359 | 7050.086 | 5.7 | 49.667 | 2.478 | 21.594 |
| 19-28 | 4 | 0.0613588 | 340.882 | 8181.168 | 4.7 | 16.021 | 2.044 | 6.966 |
| 19-29 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.3 | 13.374 | 2.304 | 5.815 |
| 19-30 | 3 | 0.0454225 | 252.347 | 8159.220 | 5.8 | 14.636 | 2.522 | 6.363 |
| 19-31 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.3 | 26.870 | 2.304 | 11.683 |
| 19-32 | 4 | 0.0613588 | 340.882 | 8181.168 | 5.6 | 19.089 | 2.435 | 8.300 |
| 19-33 | 6 | 0.0912551 | 506.972 | 7942.561 | 6.5 | 32.953 | 2.826 | 14.327 |
| 19-34 | 9 | 0.1320032 | 733.35 | 7414.983 | 6.2 | 45.468 | 2.696 | 19.789 |
| 19-35 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.3 | 41.620 | 2.739 | 18.096 |
| 19-36 | 12 | 0.1686396 | 936.886 | 6870.497 | 7.2 | 67.456 | 3.131 | 29.329 |
| **Total mass in Box 19: Mud = 20,923.486 tons / POM = 1,136.985 tons / POC = 494.361 tons** | | | | | | | | |

Total mass: 289,970.969 tons = 100% / Mud: 20,923.486 tons = 7.22% / Sand: 269,047.483 tons = 92.78%

| **Box 20** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 20-1 | 10 | 0.14463923 | 803.551 | 7231.959 | 3.8 | 30.535 | 1.652 | 13.276 |
| 20-2 | 11 | 0.1568447 | 871.359 | 7050.086 | 4.2 | 36.597 | 1.826 | 15.912 |
| 20-3 | 12 | 0.1686396 | 936.886 | 6870.497 | 4.3 | 40.286 | 1.870 | 17.516 |
| 20-4 | 9 | 0.1320032 | 733.35 | 7414.983 | 4.5 | 33.001 | 1.957 | 14.348 |
| 20-5 | 12 | 0.1686396 | 936.886 | 6870.497 | 5.1 | 47.781 | 2.217 | 20.774 |
| 20-6 | 11 | 0.1568447 | 871.359 | 7050.086 | 4.5 | 39.211 | 1.957 | 17.048 |
| 20-7 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.4 | 27.376 | 2.348 | 11.903 |
| 20-8 | 10 | 0.14463923 | 803.551 | 7231.959 | 5.9 | 47.410 | 2.565 | 20.613 |
| 20-9 | 9 | 0.1320032 | 733.35 | 7414.983 | 6.5 | 47.668 | 2.826 | 20.725 |
| 20-10 | 14 | 0.1910659 | 1061.476 | 6520.495 | 4.5 | 47.766 | 1.957 | 20.768 |
| 20-11 | 18 | 0.23164315 | 1286.905 | 5862.567 | 7.0 | 90.083 | 3.044 | 39.167 |
| 20-12 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.2 | 132.370 | 3.565 | 57.552 |
| 20-13 | 12 | 0.1686396 | 936.886 | 6870.497 | 4.5 | 42.160 | 1.957 | 18.330 |
| 20-14 | 18 | 0.23164315 | 1286.905 | 5862.567 | 7.6 | 97.805 | 3.304 | 42.524 |
| 20-15 | 25 | 0.2905696 | 1614.274 | 4842.822 | 8.2 | 132.370 | 3.565 | 57.552 |
| 20-16 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.0 | 46.244 | 3.044 | 20.106 |
| 20-17 | 12 | 0.1686396 | 936.886 | 6870.497 | 7.6 | 71.203 | 3.304 | 30.958 |
| 20-18 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.9 | 127.528 | 3.435 | 55.447 |
| 20-19 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.1 | 20.794 | 2.652 | 9.041 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 20-20 | 5 | 0.076612 | 425.622 | 8086.818 | 6.6 | 28.091 | 2.870 | 12.213 |
| 20-21 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.4 | 25.225 | 3.218 | 10.967 |
| 20-22 | 7 | 0.10534164 | 585.231 | 6220.172 | 6.6 | 38.625 | 2.870 | 16.793 |
| 20-23 | 5 | 0.076612 | 425.622 | 8086.818 | 6.4 | 27.240 | 2.783 | 11.843 |
| 20-24 | 4 | 0.0613588 | 340.882 | 8181.168 | 6.9 | 23.521 | 3.000 | 10.227 |
| 20-25 | 11 | 0.1568447 | 871.359 | 7050.086 | 7.0 | 60.995 | 3.044 | 26.520 |
| 20-26 | 8 | 0.11891322 | 660.628 | 7597.222 | 6.0 | 39.638 | 2.609 | 17.234 |
| 20-27 | 7 | 0.10534164 | 585.231 | 6220.172 | 5.9 | 34.529 | 2.565 | 15.013 |
| 20-28 | 4 | 0.0613588 | 340.882 | 8181.168 | 8.0 | 27.271 | 3.478 | 11.857 |
| 20-29 | 8 | 0.11891322 | 660.628 | 7597.222 | 7.3 | 48.226 | 3.174 | 20.968 |
| 20-30 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.2 | 84.814 | 3.131 | 36.876 |
| 20-31 | 4 | 0.0613588 | 340.882 | 8181.168 | 7.0 | 23.862 | 3.044 | 10.375 |
| 20-32 | 7 | 0.10534164 | 585.231 | 6220.172 | 6.5 | 38.040 | 2.826 | 16.539 |
| 20-33 | 14 | 0.1910659 | 1061.476 | 6520.495 | 6.2 | 65.812 | 2.696 | 28.614 |
| 20-34 | 6 | 0.0912551 | 506.972 | 7942.561 | 5.5 | 27.883 | 2.391 | 12.123 |
| 20-35 | 8 | 0.11891322 | 660.628 | 7597.222 | 5.5 | 36.335 | 2.391 | 15.798 |
| 20-36 | 14 | 0.1910659 | 1061.476 | 6520.495 | 5.3 | 56.258 | 2.304 | 24.460 |
| **Total mass in Box 20: Mud = 29,182.26 tons / POM = 1,844.553 tons / POC = 802.012 tons** | | | | | | | | |

Total mass: 351,121.477 tons = 100% / Mud: 29,182.26 tons = 8.31% / Sand: 321,939.217 tons = 91.69%

| **Box 21** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 21-1 | 40 | 0.37371267 | 1245.708 | 1868.562 | 8.4 | 104.639 | 3.652 | 45.495 |
| 21-4 | 50 | 0.40147233 | 2230.34 | 2230.340 | 8.1 | 180.658 | 3.522 | 78.547 |
| 21-5 | 45 | 0.39835057 | 1327.834 | 1622.908 | 7.5 | 99.588 | 3.261 | 43.299 |
| 21-7 | 40 | 0.37371267 | 2076.179 | 3114.269 | 7.5 | 155.713 | 3.261 | 67.701 |
| 21-8 | 40 | 0.37371267 | 2076.179 | 3114.269 | 7.0 | 145.332 | 3.044 | 63.188 |
| 21-19 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.8 | 109.771 | 2.957 | 47.727 |
| 21-20 | 35 | 0.3519087 | 1564.037 | 2904.640 | 6.5 | 101.662 | 2.826 | 44.201 |
| 21-22 | 25 | 0.2905696 | 1614.274 | 4842.822 | 5.8 | 93.628 | 2.522 | 40.708 |
| 21-23 | 25 | 0.2905696 | 484.282 | 1452.846 | 5.6 | 27.120 | 2.435 | 11.791 |
| 21-25 | 20 | 0.24996673 | 1388.703 | 5554.812 | 5.0 | 69.435 | 2.174 | 30.189 |
| **Total mass in Box 21: Mud = 15,621.81 tons / POM = 1,087.546 tons / POC = 472.865 tons** | | | | | | | | |

Total mass: 47,170.1 tons = 100% / Mud: 15,621.81 tons = 33.12% / Sand: 31,548.29 tons = 66.88%

| **Box 22** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 22-10 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.5 | 121.071 | 3.261 | 52.640 |
| 22-11 | 50 | 0.40147233 | 2230.340 | 2230.340 | 7.4 | 165.045 | 3.218 | 71.759 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 22-12 | 50 | 0.40147233 | 2230.340 | 2230.340 | 7.5 | 167.276 | 3.261 | 72.729 |
| 22-13 | 25 | 0.2905696 | 645.710 | 1937.130 | 6.8 | 43.908 | 2.957 | 19.090 |
| 22-14 | 30 | 0.32435086 | 1801.947 | 4204.543 | 6.7 | 120.730 | 2.913 | 52.491 |
| 22-15 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.7 | 139.104 | 2.913 | 60.480 |
| 22-17 | 30 | 0.32435086 | 1801.947 | 4204.543 | 6.3 | 113.523 | 2.739 | 49.358 |
| 22-18 | 45 | 0.39835057 | 2213.057 | 2704.847 | 6.3 | 139.422 | 2.739 | 60.618 |
| 22-29 | 40 | 0.37371267 | 1660.943 | 2491.415 | 6.0 | 99.657 | 2.609 | 43.329 |
| 22-30 | 50 | 0.40147233 | 2230.340 | 2230.340 | 5.9 | 131.590 | 2.565 | 57.213 |
| 22-33 | 50 | 0.20073616 | 1115.120 | 1115.120 | 5.8 | 64.677 | 2.522 | 28.120 |
| **Total mass in Box 22: Mud = 19,620.197 tons / POM = 1,306.003 tons / POC = 567.85 tons** | | | | | | | | |

Total mass: 50,925.906 tons = 100% / Mud: 19,620.197 tons = 38.53% / Sand: 31,305.709 tons = 61.47%

| **Box 23** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 23-1 | 40 | 0.37371267 | 2076.179 | 3114.269 | 7.6 | 157.790 | 3.304 | 68.604 |
| 23-2 | 35 | 0.3519087 | 1955.046 | 3630.800 | 7.6 | 148.583 | 3.304 | 64.601 |
| 23-3 | 35 | 0.3519087 | 1955.046 | 3630.800 | 7.4 | 144.673 | 3.218 | 62.901 |
| 23-4 | 35 | 0.3519087 | 1955.046 | 3630.800 | 6.7 | 130.988 | 2.913 | 56.951 |
| 23-5 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.7 | 108.156 | 2.913 | 47.024 |
| 23-6 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.7 | 108.156 | 2.913 | 47.024 |
| 23-7 | 50 | 0.40147233 | 2230.34 | 2230.340 | 6.2 | 138.281 | 2.696 | 60.122 |
| 23-8 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.1 | 98.471 | 2.652 | 42.813 |
| 23-9 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.0 | 96.856 | 2.609 | 42.111 |
| 23-10 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.9 | 143.256 | 3.000 | 62.285 |
| 23-11 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.8 | 141.180 | 2.957 | 61.383 |
| 23-12 | 35 | 0.3519087 | 1955.046 | 3630.800 | 6.6 | 129.033 | 2.870 | 56.101 |
| 23-13 | 30 | 0.32435086 | 1801.947 | 4204.543 | 6.7 | 120.730 | 2.913 | 52.491 |
| 23-14 | 35 | 0.3519087 | 1955.046 | 3630.800 | 6.6 | 129.033 | 2.870 | 56.101 |
| 23-15 | 40 | 0.37371267 | 2076.179 | 3114.269 | 6.0 | 124.571 | 2.609 | 54.161 |
| 23-16 | 25 | 0.2905696 | 1614.274 | 4842.822 | 5.8 | 93.628 | 2.522 | 40.708 |
| 23-17 | 25 | 0.2905696 | 1614.274 | 4842.822 | 5.5 | 88.785 | 2.391 | 38.602 |
| 23-18 | 30 | 0.32435086 | 1801.947 | 4204.543 | 5.2 | 93.701 | 2.261 | 40.740 |
| 23-19 | 55 | 0.40800032 | 2266.666 | 1854.545 | 5.8 | 131.467 | 2.522 | 57.160 |
| 23-20 | 30 | 0.32435086 | 1801.947 | 4204.543 | 5.7 | 102.711 | 2.478 | 44.657 |
| 23-21 | 25 | 0.2905696 | 1291.419 | 3874.257 | 5.5 | 71.028 | 2.391 | 30.882 |
| 23-28 | 25 | 0.2905696 | 968.564 | 2905.692 | 5.3 | 51.334 | 2.304 | 22.319 |
| 23-29 | 25 | 0.2905696 | 322.855 | 968.565 | 4.8 | 15.497 | 2.087 | 6.738 |
| 23-30 | 25 | 0.2905696 | 1129.992 | 3389.976 | 4.5 | 50.850 | 1.957 | 22.109 |
| **Total mass in Box 23: Mud = 41,381.267 tons / POM = 2,618.758 tons / POC = 1,138.636 tons** | | | | | | | | |

Total mass: 128,886.279 tons = 100% / Mud: 41,381.267 tons = 32.11% / Sand: 87,505.012 tons = 67.89%

| Box 24 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 24-1 | 30 | 0.32435086 | 1801.947 | 4204.543 | 6.5 | 117.127 | 2.826 | 50.925 |
| 24-2 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.3 | 117.842 | 3.174 | 51.236 |
| 24-3 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.5 | 121.071 | 3.261 | 51.236 |
| 24-4 | 30 | 0.32435086 | 1801.947 | 4204.543 | 6.1 | 109.919 | 2.652 | 47.791 |
| 24-5 | 25 | 0.2905696 | 1614.274 | 4842.822 | 7.2 | 116.228 | 3.131 | 50.534 |
| 24-6 | 25 | 0.2905696 | 1614.274 | 4842.822 | 6.6 | 106.542 | 2.870 | 46.323 |
| 24-7 | 25 | 0.2905696 | 1614.274 | 4842.822 | 5.5 | 88.785 | 2.391 | 38.602 |
| 24-8 | 20 | 0.24996673 | 1388.703 | 5554.812 | 6.5 | 90.266 | 2.826 | 39.246 |
| 24-9 | 16 | 0.2120356 | 1177.974 | 6184.364 | 7.0 | 82.458 | 3.044 | 35.851 |
| 24-10 | 20 | 0.24996673 | 1388.703 | 5554.812 | 6.5 | 90.266 | 2.826 | 39.246 |
| 24-11 | 14 | 0.1910659 | 1061.476 | 6520.495 | 5.7 | 60.504 | 2.478 | 26.306 |
| 24-12 | 12 | 0.1686396 | 936.886 | 6870.497 | 5.3 | 49.655 | 2.304 | 21.589 |
| 24-13 | 18 | 0.23164315 | 1286.905 | 5862.567 | 6.4 | 82.362 | 2.783 | 35.810 |
| 24-14 | 16 | 0.2120356 | 1177.974 | 6184.364 | 5.5 | 64.789 | 2.391 | 28.169 |
| 24-15 | 16 | 0.2120356 | 1177.974 | 6184.364 | 4.8 | 56.543 | 2.087 | 24.584 |
| 24-16 | 16 | 0.2120356 | 1177.974 | 6184.364 | 5.7 | 67.145 | 2.478 | 29.193 |
| 24-17 | 20 | 0.24996673 | 1388.703 | 5554.812 | 5.0 | 69.435 | 2.174 | 30.189 |
| 24-18 | 25 | 0.2905696 | 1614.274 | 4842.822 | 4.7 | 75.871 | 2.044 | 32.987 |
| 24-19 | 25 | 0.2905696 | 1614.274 | 4842.822 | 4.4 | 71.028 | 1.913 | 30.882 |
| 24-20 | 20 | 0.24996673 | 1527.573 | 6110.292 | 5.0 | 76.379 | 2.174 | 33.208 |
| 24-21 | 16 | 0.2120356 | 1413.569 | 7421.237 | 5.2 | 73.506 | 2.261 | 31.959 |
| 24-28 | 16 | 0.2120356 | 1413.569 | 7421.237 | 4.3 | 60.783 | 1.870 | 26.427 |
| 24-29 | 20 | 0.24996673 | 1666.443 | 6665.772 | 3.9 | 64.991 | 1.696 | 28.257 |
| 24-30 | 30 | 0.32435086 | 1982.142 | 4624.998 | 3.9 | 77.304 | 1.696 | 33.610 |
| **Total mass in Box 24: Mud = 35,070.38 tons / POM = 1,990.799 tons / POC = 865.599 tons** | | | | | | | | |

Total mass: 170,278.207 tons = 100% / Mud: 35,070.38 tons = 20.60% / Sand: 135,207.827 tons = 79.40%

| Box 25 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POC (wght-%) in mud | POC per cell (tons) |
| 25-1 | 10 | 0.14463923 | 803.551 | 7231.959 | 5.2 | 41.785 | 2.261 | 18.167 |
| 25-2 | 14 | 0.1910659 | 1061.476 | 6520.495 | 5.4 | 57.320 | 2.348 | 24.922 |
| 25-3 | 20 | 0.24996673 | 1388.703 | 5554.812 | 5.7 | 79.156 | 2.478 | 34.416 |
| 25-4 | 18 | 0.23164315 | 1286.905 | 5862.567 | 4.8 | 61.771 | 2.087 | 26.857 |
| 25-5 | 20 | 0.24996673 | 1388.703 | 5554.812 | 5.2 | 72.213 | 2.261 | 31.397 |
| 25-6 | 25 | 0.2905696 | 1614.274 | 4842.822 | 5.4 | 87.171 | 2.348 | 37.900 |
| 25-7 | 25 | 0.2905696 | 1614.274 | 4842.822 | 4.6 | 74.257 | 2.000 | 32.286 |
| 25-8 | 25 | 0.2905696 | 1614.274 | 4842.822 | 4.7 | 75.871 | 2.044 | 32.987 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 25-9 | 25 | 0.2905696 | 1614.274 | 4842.822 | 4.8 | 77.485 | 2.087 | 33.689 |
| 25-10 | 16 | 0.2120356 | 1177.974 | 6184.364 | 5.7 | 67.145 | 2.478 | 29.193 |
| 25-11 | 12 | 0.1686396 | 936.886 | 6870.497 | 6.0 | 56.213 | 2.609 | 24.440 |
| 25-12 | 14 | 0.1910659 | 1061.476 | 6520.495 | 8.0 | 84.918 | 3.478 | 36.921 |
| 25-13 | 20 | 0.24996673 | 1388.703 | 5554.812 | 5.3 | 73.601 | 2.304 | 32.000 |
| 25-14 | 18 | 0.23164315 | 1286.905 | 5862.567 | 5.3 | 68.206 | 2.304 | 29.655 |
| 25-15 | 18 | 0.23164315 | 1286.905 | 5862.567 | 5.5 | 70.780 | 2.391 | 30.774 |
| 25-16 | 20 | 0.24996673 | 1388.703 | 5554.812 | 4.9 | 68.046 | 2.131 | 29.585 |
| 25-17 | 18 | 0.23164315 | 1029.524 | 4690.054 | 4.7 | 48.388 | 2.044 | 21.038 |
| 25-18 | 16 | 0.2120356 | 235.595 | 1236.874 | 4.8 | 11.309 | 2.087 | 4.917 |
| 25-19 | 35 | 0.3519087 | 2150.551 | 3993.880 | 4.0 | 86.022 | 1.739 | 37.401 |
| 25-20 | 30 | 0.32435086 | 1801.947 | 4204.543 | 4.3 | 77.484 | 1.870 | 33.689 |
| 25-21 | 25 | 0.2905696 | 1291.419 | 3874.257 | 4.6 | 59.405 | 2.000 | 25.828 |
| 25-28 | 20 | 0.24996673 | 555.481 | 2221.924 | 4.7 | 26.108 | 2.044 | 11.351 |
| **Total mass in Box 25: Mud = 27,978.503 tons / POM = 1,424.654 tons / POC = 619.44 tons** | | | | | | | | |

Total mass: 140,705.718 tons = 100% / Mud: 27,978.503 tons = 19.88% / Sand: 112,727.215 tons = 80.12%

| **Box 26** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Cell nr. | Mud (wght-%) sediment | Mud mass ($g/cm^3$) or ($tons/m^3$) | Mud mass per cell (tons) | Sand mass per cell (tons) | POM (wght-%) in mud | POM per cell (tons) | POM (wght-%) in mud | POC per cell (tons) |
| 26-1 | 14 | 0.1910659 | 1061.476 | 6520.495 | 6.5 | 68.996 | 2.826 | 29.998 |
| 26-2 | 12 | 0.1686396 | 936.886 | 6870.497 | 5.3 | 49.655 | 2.304 | 21.589 |
| 26-3 | 10 | 0.14463923 | 803.551 | 7231.959 | 4.6 | 36.963 | 2.000 | 16.071 |
| 26-4 | 14 | 0.1910659 | 1061.476 | 6520.495 | 5.5 | 58.381 | 2.391 | 25.383 |
| 26-5 | 12 | 0.1686396 | 468.443 | 3435.249 | 4.7 | 22.017 | 2.044 | 9.573 |
| 26-6 | 10 | 0.14463923 | 241.065 | 2169.585 | 4.0 | 9.643 | 1.739 | 4.193 |
| 26-10 | 16 | 0.2120356 | 706.785 | 3710.213 | 4.5 | 31.805 | 1.957 | 13.828 |
| 26-11 | 10 | 0.14463923 | 482.130 | 4339.170 | 4.6 | 22.178 | 2.000 | 9.643 |
| 26-12 | 14 | 0.1910659 | 530.738 | 3260.248 | 4.5 | 23.883 | 1.957 | 10.384 |
| 26-13 | 20 | 0.24996673 | 555.481 | 2221.924 | 4.3 | 23.886 | 1.870 | 10.385 |
| **Total mass in Box 26: Mud = 6,848.031 tons / POM = 347.407 tons / POC = 151.053 tons** | | | | | | | | |

Total mass: 53,127.866 tons = 100% / Mud: 6,848.031 tons = 12.89% / Sand: 46,279.835 tons = 87.11%

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