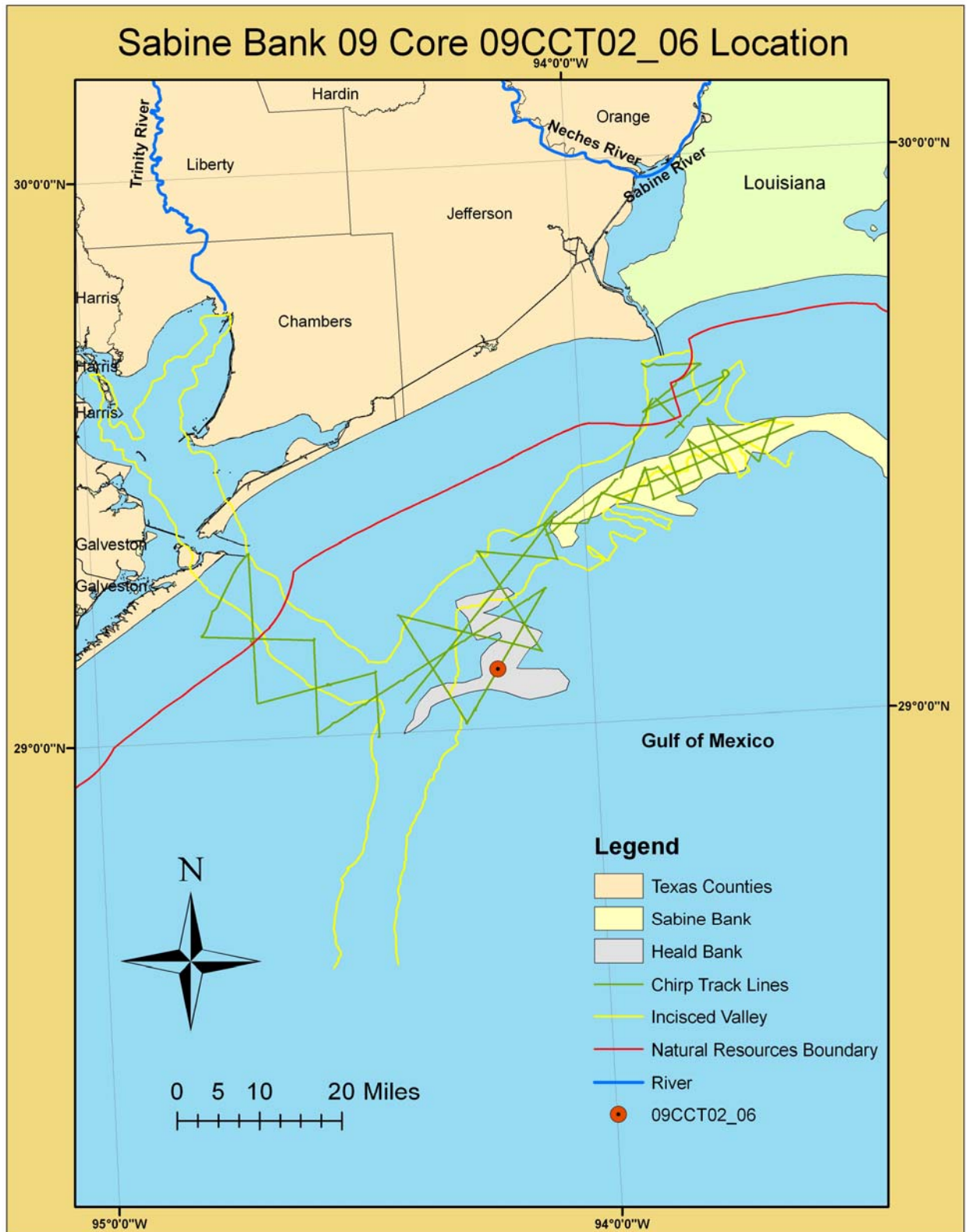




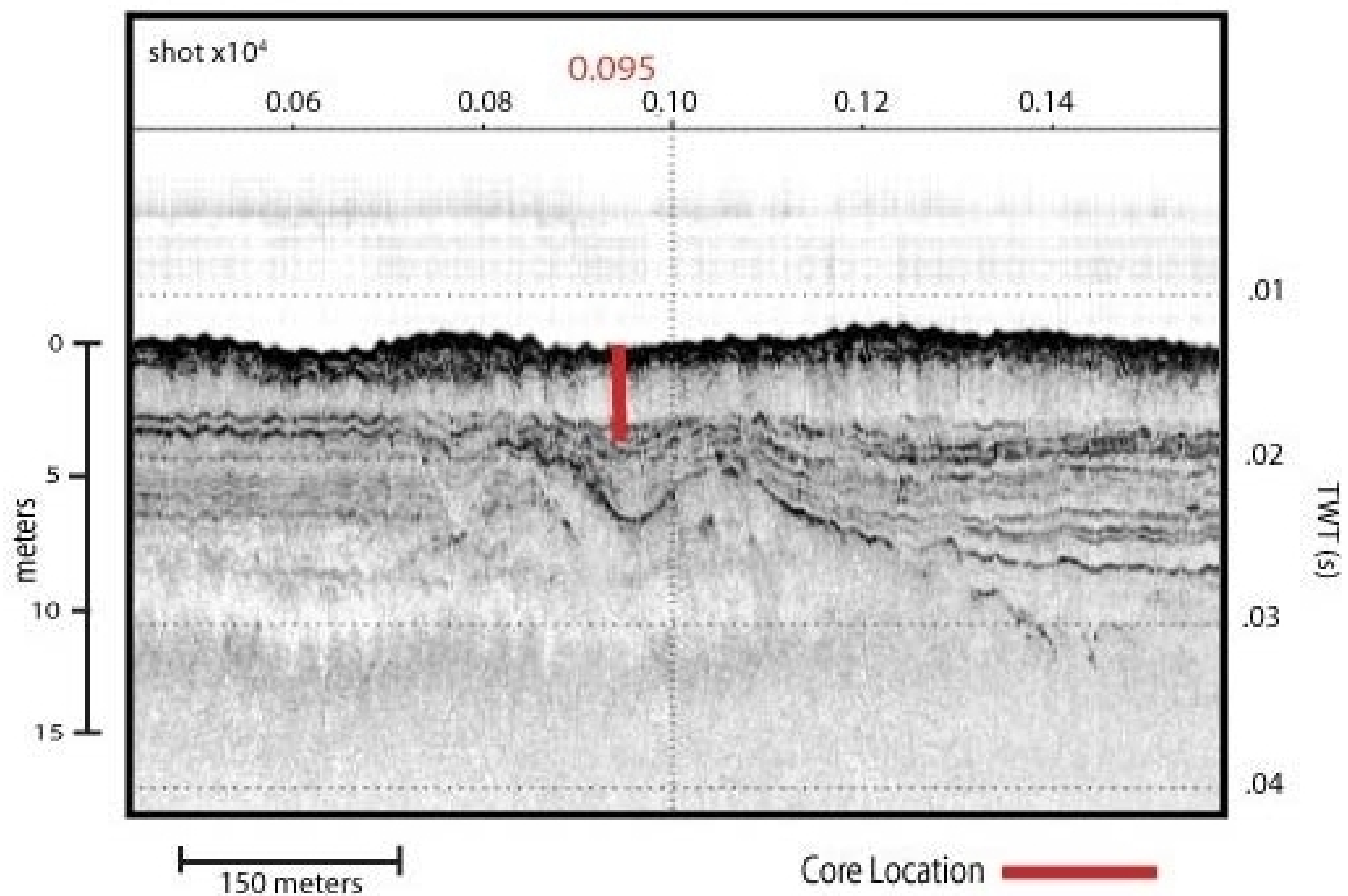
Project: 09CCT02

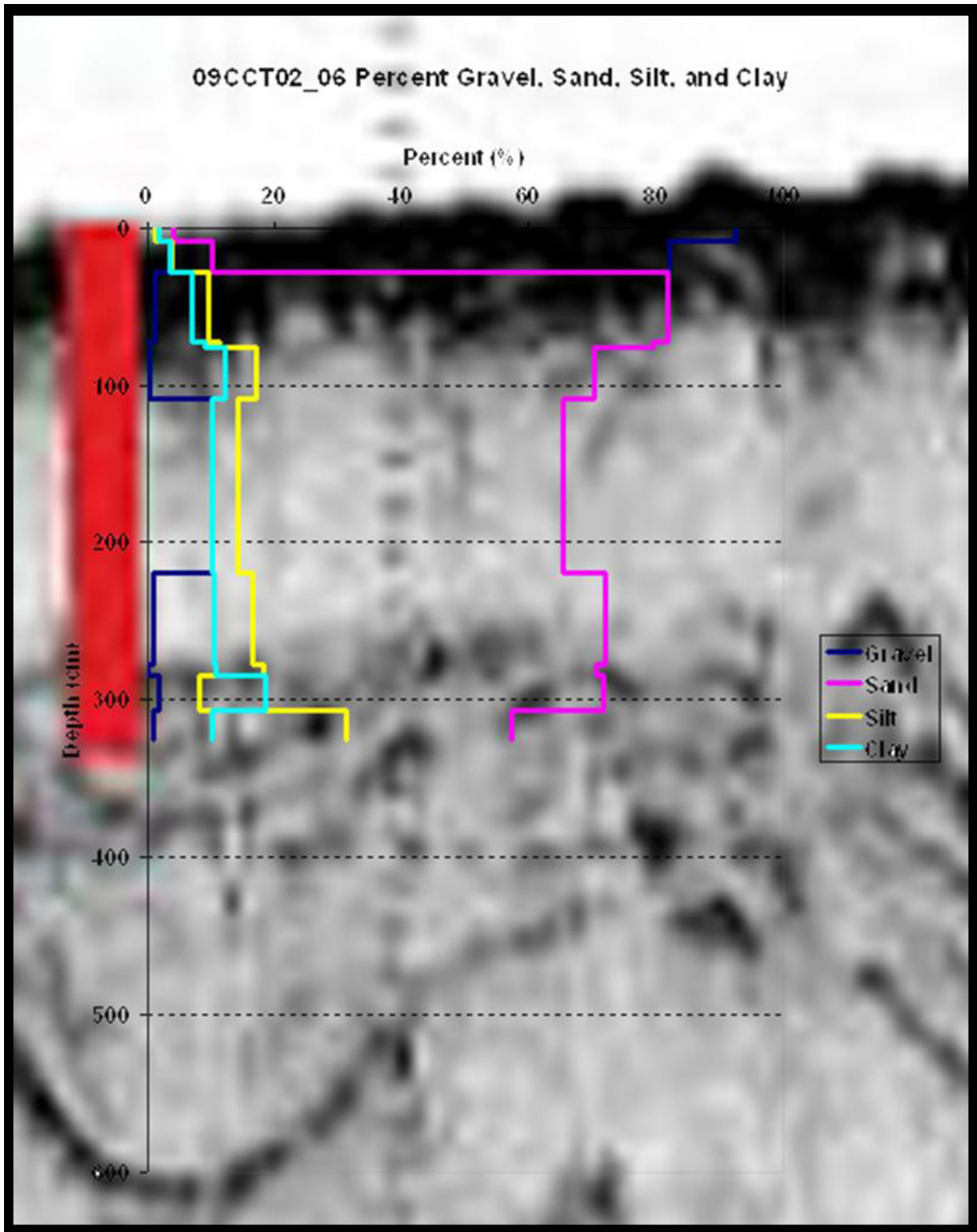
Transect: 09C55

Core: 09CCT02\_06

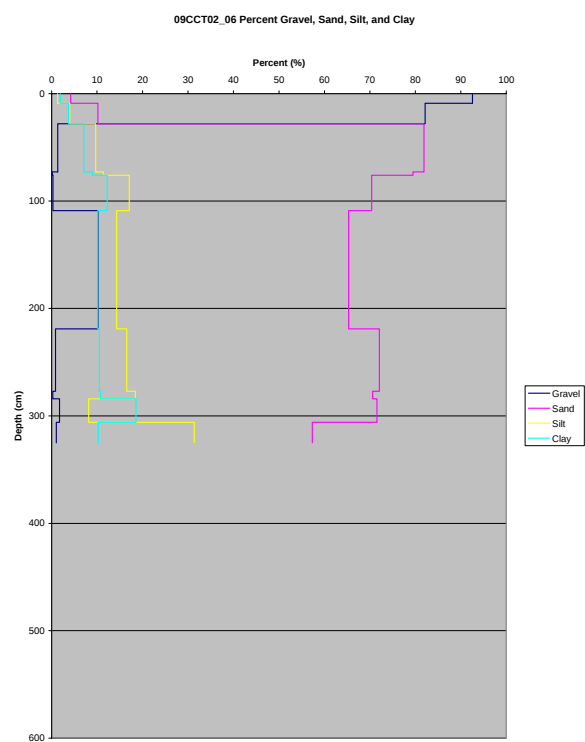
Core Length (m) : 3.25

09CCT02\_06 Seismic

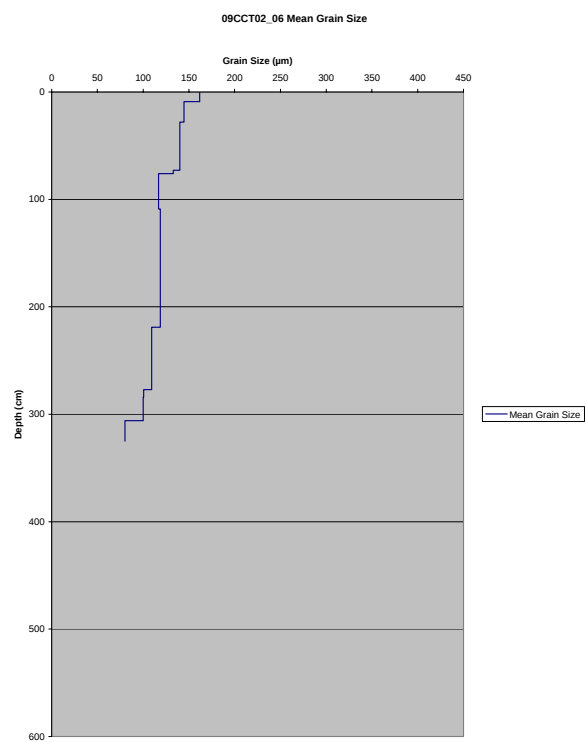




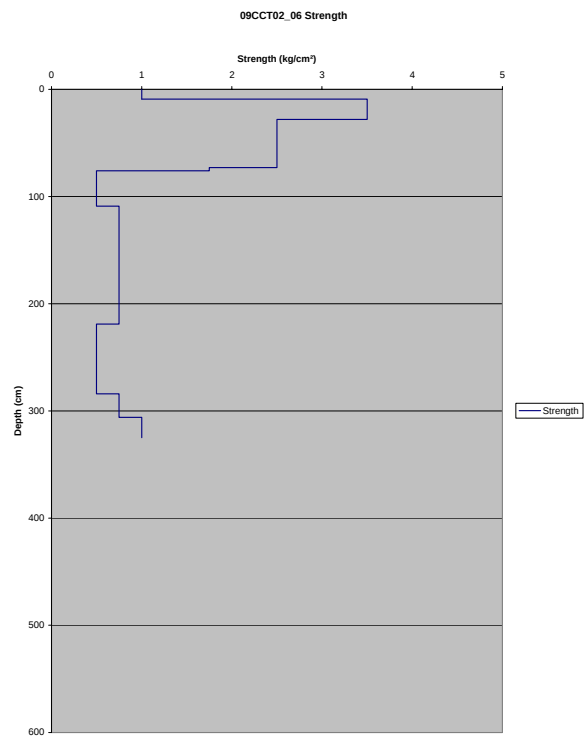
09CCT02\_06 Percent Grain Size Distribution Graph



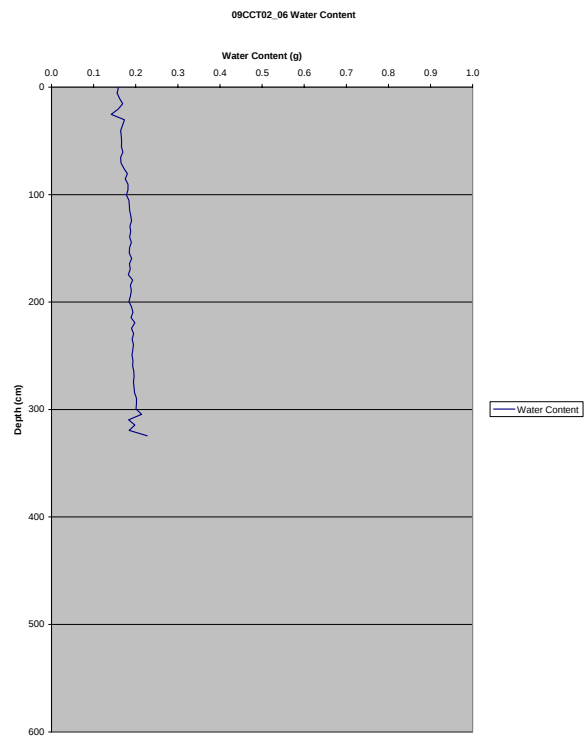
09CCT02\_06 Mean Grain Size Distribution Graph



09CCT02\_06 Strength Graph



09CCT02\_06 Water Content Graph



09CCT02\_06 Grain Size Sand Percent

| 09CCT02_06 Grain Size Sand Percent |                  |                       |                       |                       |                        |                         |                         |                         |                         |                         |           |
|------------------------------------|------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------|
| Depth (cm)                         | 63-257<br>µm (%) | 257-<br>451<br>µm (%) | 451-<br>645<br>µm (%) | 645-<br>839<br>µm (%) | 839-<br>1033<br>µm (%) | 1033-<br>1227<br>µm (%) | 1227-<br>1421<br>µm (%) | 1421-<br>1615<br>µm (%) | 1615-<br>1809<br>µm (%) | 1809-<br>2000<br>µm (%) | Total (%) |
| 0-5                                | 68.09            | 21.23                 | 3.46                  | 1.65                  | 1.55                   | 1.38                    | 1.10                    | 0.79                    | 0.48                    | 0.26                    | 100       |
| 20-25                              | 76.41            | 16.64                 | 1.36                  | 0.74                  | 1.13                   | 1.20                    | 1.02                    | 0.77                    | 0.47                    | 0.26                    | 100       |
| 50-55                              | 90.85            | 9.15                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 73-75                              | 91.46            | 8.54                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 95-100                             | 91.33            | 8.67                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 169-174                            | 91.37            | 8.63                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 244-249                            | 95.11            | 4.89                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 279-284                            | 97.22            | 2.78                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 299-304                            | 98.18            | 1.82                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |
| 314-319                            | 99.08            | 0.92                  | 0.00                  | 0.00                  | 0.00                   | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 0.00                    | 100       |

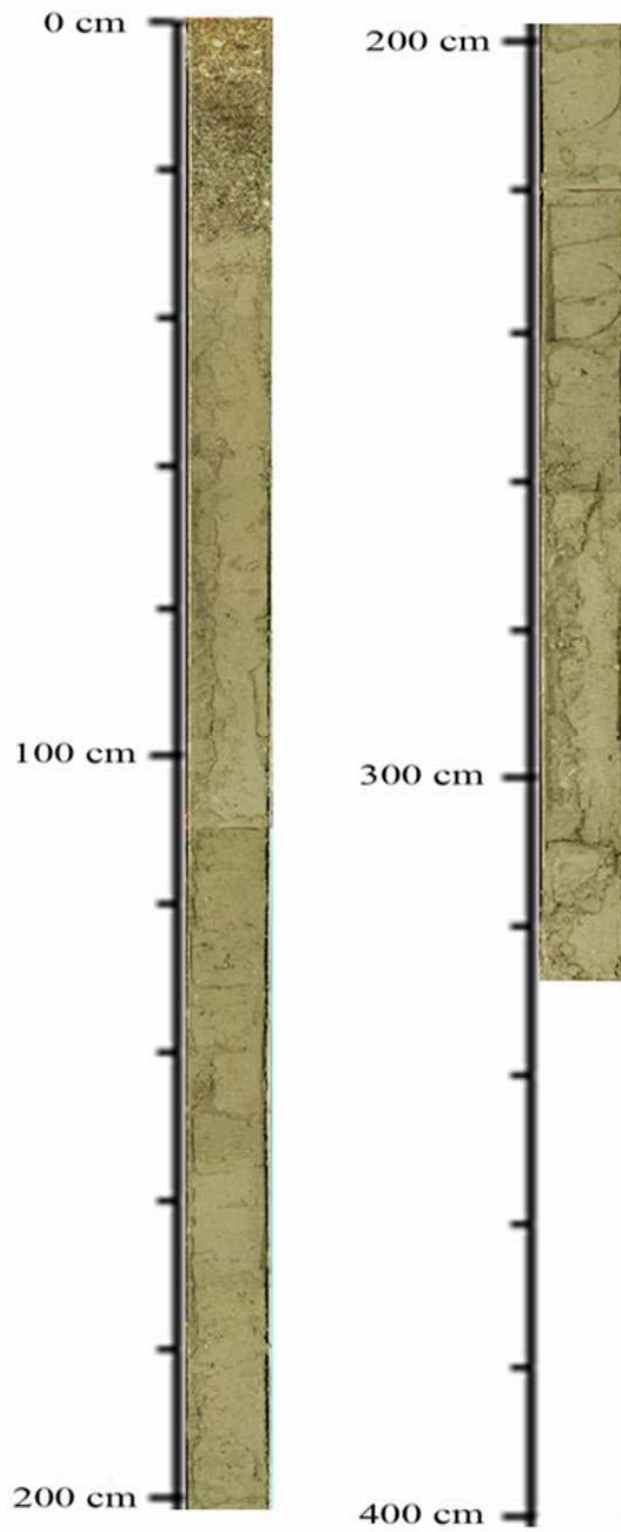
| 09CCT02-06 |                    |                     |                      |                      |                      |                      |                      |                      |                      |                      |           |
|------------|--------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------|
| Depth (cm) | 63-<br>82µm<br>(%) | 82-<br>101µm<br>(%) | 101-<br>120µm<br>(%) | 120-<br>139µm<br>(%) | 139-<br>158µm<br>(%) | 158-<br>177µm<br>(%) | 177-<br>196µm<br>(%) | 196-<br>215µm<br>(%) | 215-<br>234µm<br>(%) | 234-<br>257µm<br>(%) | Total (%) |
| 0-5        | 8.92               | 8.69                | 9.91                 | 11.05                | 11.95                | 12.39                | 12.08                | 10.78                | 5.79                 | 8.45                 | 100       |
| 20-25      | 7.30               | 7.40                | 8.74                 | 10.13                | 11.42                | 12.40                | 12.75                | 12.12                | 7.50                 | 10.25                | 100       |
| 50-55      | 5.71               | 6.46                | 8.32                 | 10.41                | 12.48                | 14.14                | 14.75                | 13.51                | 4.39                 | 9.82                 | 100       |
| 73-75      | 5.42               | 6.20                | 8.06                 | 10.18                | 12.34                | 14.14                | 14.94                | 13.87                | 4.62                 | 10.22                | 100       |
| 95-100     | 5.21               | 5.83                | 7.46                 | 9.35                 | 11.35                | 13.19                | 14.40                | 14.27                | 7.04                 | 11.91                | 100       |
| 169-174    | 4.96               | 5.54                | 7.11                 | 8.94                 | 10.93                | 12.84                | 14.26                | 14.52                | 8.22                 | 12.69                | 100       |
| 244-249    | 3.58               | 4.28                | 5.78                 | 7.66                 | 9.87                 | 12.24                | 14.44                | 15.76                | 11.28                | 15.10                | 100       |
| 279-284    | 2.63               | 3.37                | 4.78                 | 6.62                 | 8.92                 | 11.58                | 14.36                | 16.59                | 14.11                | 17.05                | 100       |
| 299-304    | 2.06               | 2.76                | 4.08                 | 5.87                 | 8.18                 | 11.00                | 14.15                | 17.06                | 16.39                | 18.46                | 100       |
| 314-319    | 1.44               | 2.00                | 3.09                 | 4.69                 | 6.84                 | 9.66                 | 13.15                | 17.03                | 21.67                | 20.43                | 100       |

09CCT02\_06 Table

| Mean Grain Size 09CCT02-05 |                      |
|----------------------------|----------------------|
| Depth (cm)                 | Mean Grain Size (μm) |
| 0-5                        | 161.86               |
| 20-25                      | 144.72               |
| 50-55                      | 140.03               |
| 73-75                      | 132.84               |
| 95-100                     | 116.80               |
| 169-174                    | 118.80               |
| 244-249                    | 109.40               |
| 279-284                    | 100.73               |
| 299-304                    | 100.07               |
| 314-319                    | 80.16                |

| Strength 09CCT02-06 |                                |
|---------------------|--------------------------------|
| Interval (cm)       | Strength (kg/cm <sup>2</sup> ) |
| 0-9                 | 1.0000                         |
| 9-28                | 3.5000                         |
| 28-73               | 2.5000                         |
| 73-76               | 1.7500                         |
| 76-109              | 0.5000                         |
| 0-110               | 0.7500                         |
| 0-58                | 0.5000                         |
| 58-65               | 0.5000                         |
| 65-87               | 0.7500                         |
| 87-106              | 1.0000                         |

09CCT02\_06 Core Pictures



09CCT02\_06 Core Log

Core#: 09CCT02-06-01

Core Date: 06-June-09

|                       |                |
|-----------------------|----------------|
| Date Split/subsampled | Length: 109 cm |
| 16-Jun-09             | E: 384136      |
|                       | N: 3220097     |

| Grain Size Samples: | Munsell Soil Color | Depths Sampled | Description:                  |
|---------------------|--------------------|----------------|-------------------------------|
| 0-5                 | 0-9 cm             |                | 0-9 cm shells w/ sparse clay  |
| 5-9                 | 10yR               |                |                               |
| 9-10                | 6/3                |                | 9-28 cm shells w/ grey clay   |
| 10-15               |                    |                |                               |
| 15-20               | 9-28 cm            |                | 28-73 cm grey compacted       |
| 20-25               | 10yR               |                | sandy clay w/ sparse shells   |
| 25-28               | 4/1                |                | 23-76 cm grey compacted       |
| 28-30               | 28-73 cm           |                | sandy clay w/ layer of shells |
| 30-35               | Grey 2             |                | 76-109 cm grey compacted      |
| 35-40               | 4/5BG              |                | sandy clay w/ sparse shells   |
| 40-45               | 23-76 cm           |                |                               |
| 45-50               | Grey 2             |                |                               |
| 50-55               | 4/5BG              |                |                               |
| 55-60               | 23-76 cm           |                |                               |
| 60-65               | Grey 2             |                |                               |
| 65-70               | 4/5BG              |                |                               |
| 70-73               | 26-109 cm          |                |                               |
| 73-75               | Grey 2             |                |                               |
| 75-76               | 4/5BG              |                |                               |
| 76-80               |                    |                |                               |
| 80-85               |                    |                |                               |
| 85-90               |                    |                |                               |
| 90-95               |                    |                |                               |
| 95-100              |                    |                |                               |
| 100-105             |                    |                |                               |
| 105-109             |                    |                |                               |

09CCT02\_06 Core Log

Core#: 09CCT02-06-02

Core Date: 06-Jan-09

|                       |               |
|-----------------------|---------------|
| Date Split/subsampled | Length: 110cm |
| 05-Jan-09             | E: 384136     |
|                       | N: 3220007    |

| Grain Size Samples: | Munsell Soil Color | Depths Sampled | Description:             |
|---------------------|--------------------|----------------|--------------------------|
| 109-114             | 109-219cm          |                | 109-219cm grey silt/sand |
| 114-119             | Gley 2             |                | w/ sparse shells         |
| 119-124             | 5/10G              |                |                          |
| 124-129             |                    |                |                          |
| 129-134             |                    |                |                          |
| 134-139             |                    |                |                          |
| 139-144             |                    |                |                          |
| 144-149             |                    |                |                          |
| 149-154             |                    |                |                          |
| 154-159             |                    |                |                          |
| 159-164             |                    |                |                          |
| 164-169             |                    |                |                          |
| 169-174             |                    |                |                          |
| 174-179             |                    |                |                          |
| 179-184             |                    |                |                          |
| 184-189             |                    |                |                          |
| 189-194             |                    |                |                          |
| 194-199             |                    |                |                          |
| 199-204             |                    |                |                          |
| 204-209             |                    |                |                          |
| 209-214             |                    |                |                          |
| 214-219             |                    |                |                          |

09CCT02\_06 Core Log

Core#: 09CCT02-06-03

Core Date: 06-Jun-09

|                       |                |
|-----------------------|----------------|
| Date Split/subsampled | Length: 106 cm |
| 11-Jun-09             | E: 384136      |
|                       | N: 3220099     |

| Grain Size Samples: | Munsell Soil Color | Depths Sampled | Description:              |
|---------------------|--------------------|----------------|---------------------------|
| 219-224             | 219-277cm          |                | 219-277cm grey silty sand |
| 224-227             | Gley 2             |                |                           |
| 227-234             | 5/10B6             |                | w/ sparse shell           |
| 234-237             |                    |                |                           |
| 237-244             | 277-284cm          |                | 277-284cm grey silty sand |
| 244-247             | Gley 2             |                |                           |
| 247-254             | 4/5B6              |                | w/ layer of shell         |
| 254-257             |                    |                |                           |
| 257-264             | 284-306cm          |                | 284-306cm grey silty sand |
| 264-267             | Gley 2             |                |                           |
| 267-274             | 4/5B               |                | w/ sparse shell           |
| 274-277             |                    |                |                           |
| 277-284             | 306-325cm          |                | 306-325cm grey silty clay |
| 284-287             | Gley 2             |                |                           |
| 287-294             | 4/10B6             |                | w/ sparse shell           |
| 294-297             |                    |                |                           |
| 297-304             |                    |                |                           |
| 304-306             |                    |                |                           |
| 306-309             |                    |                |                           |
| 309-314             |                    |                |                           |
| 314-317             |                    |                |                           |
| 317-324             |                    |                |                           |
| 324-325             |                    |                |                           |