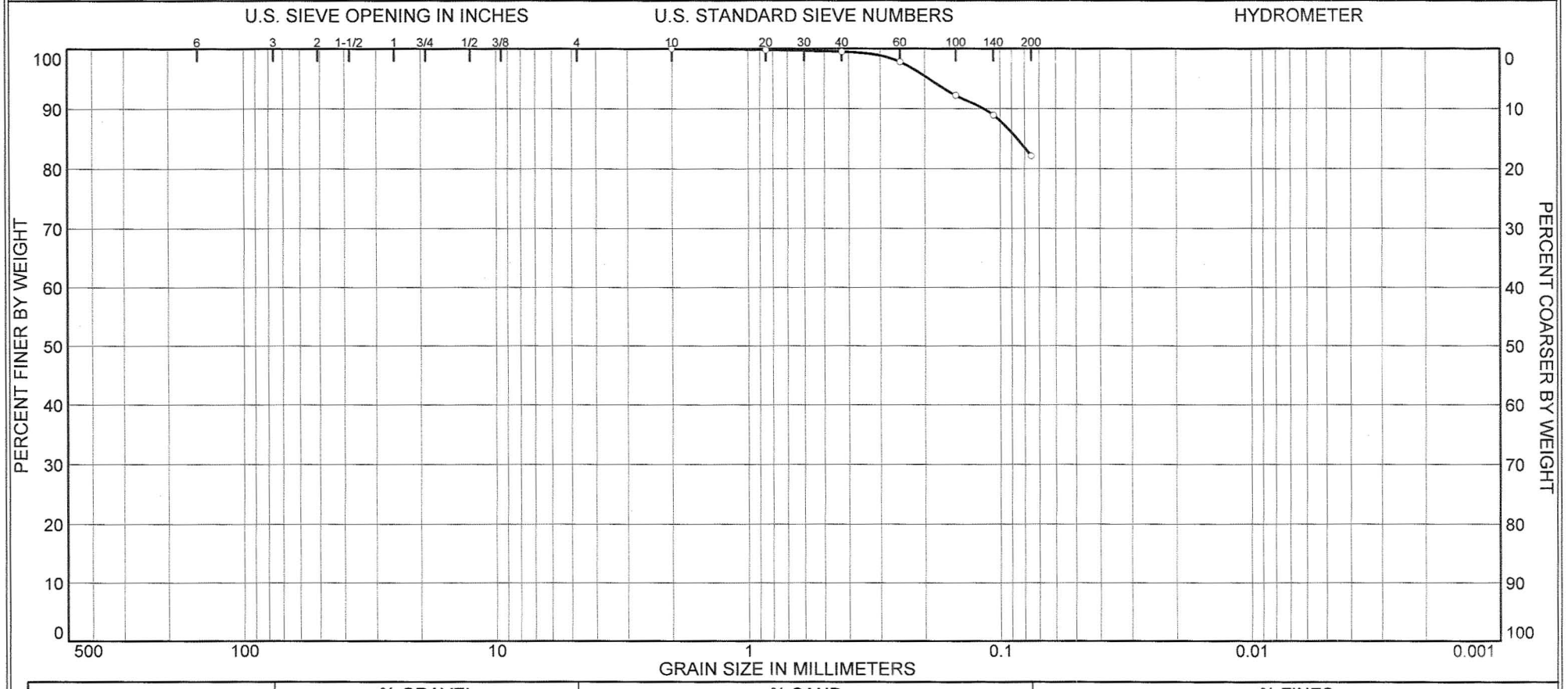
# Particle Size Distribution Report




| | % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|---|
| | | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| ○ | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 17.4 | 82.1 | |

| | SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|---|
| ○ | B-4010 | SS-25 | 108.5/110.59 ft. | 2/20/200 | MH | SILT, with sand (MH) | 38.2 | 67 | 39 |

Client GPC c/o SNOC

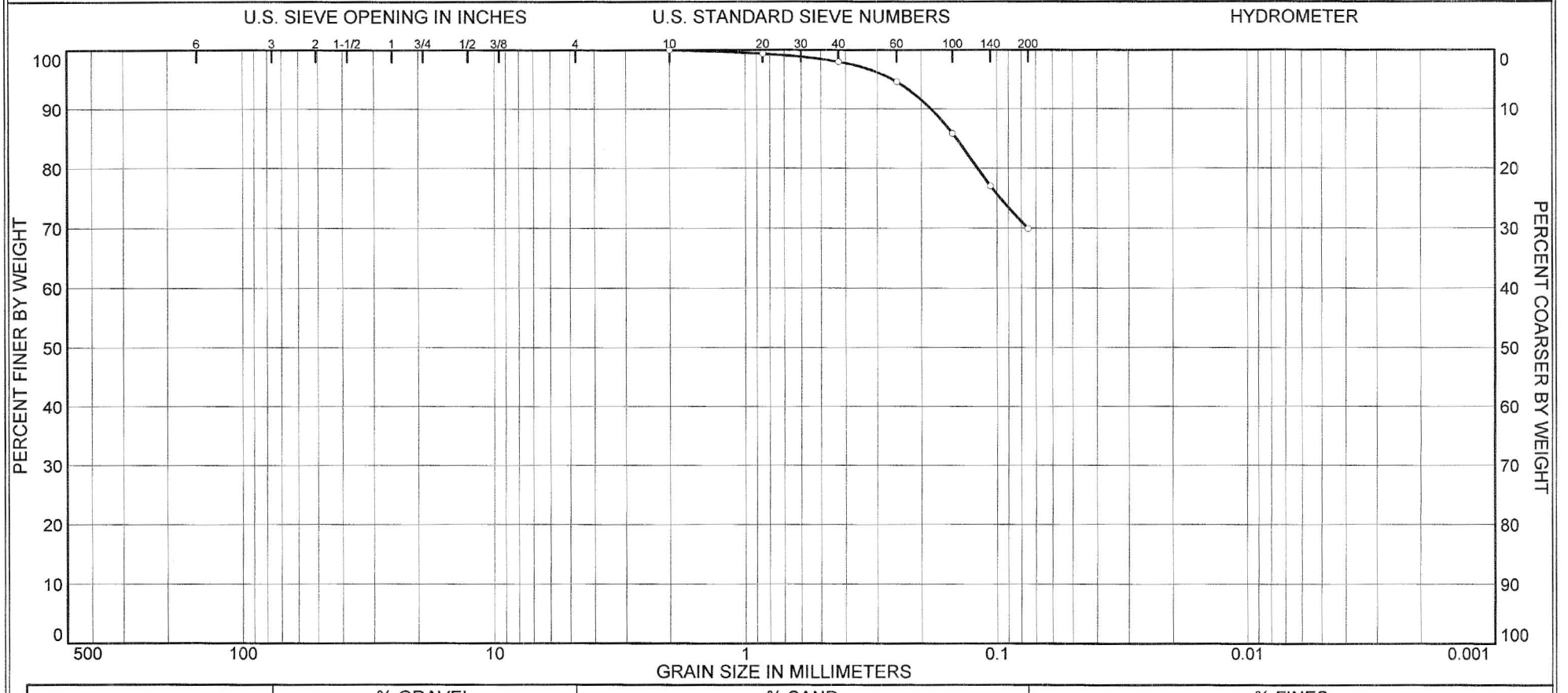
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7795

**MACTEC ENGINEERING AND CONSULTING, INC.**

○ Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 28.1 | 69.9 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4010 | SS-29 | 143.5/75.59 ft. | 2/22/200 | CH | CLAY, cemented fragments (CH) | 31.1 | 56 | 26 |

Client GPC c/o SNOC

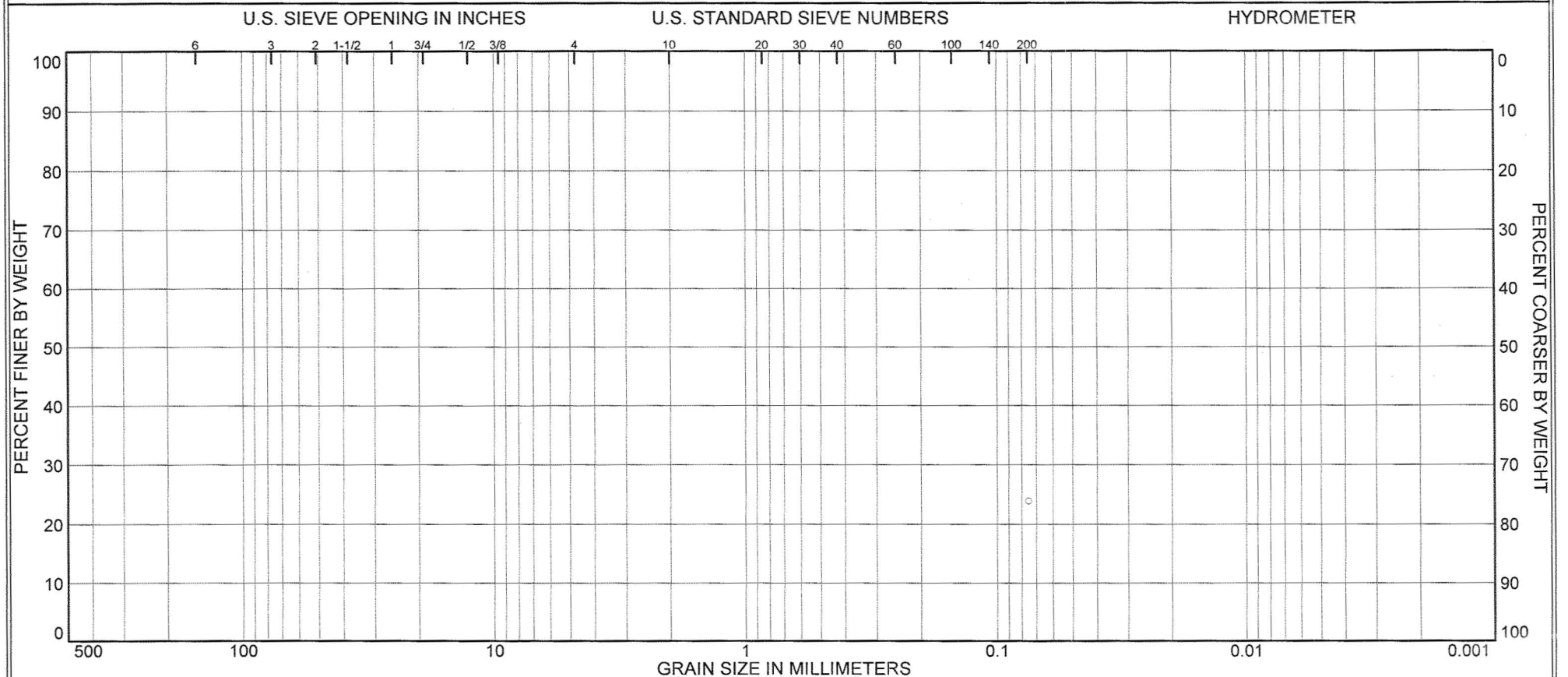
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Lab no. 7796

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 23.9 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4011 | SS-5 | 8.5/210.58 ft. | 1/25/2007 | | SAND, silty (SM) | | | |

Client GPC c/o SNOC

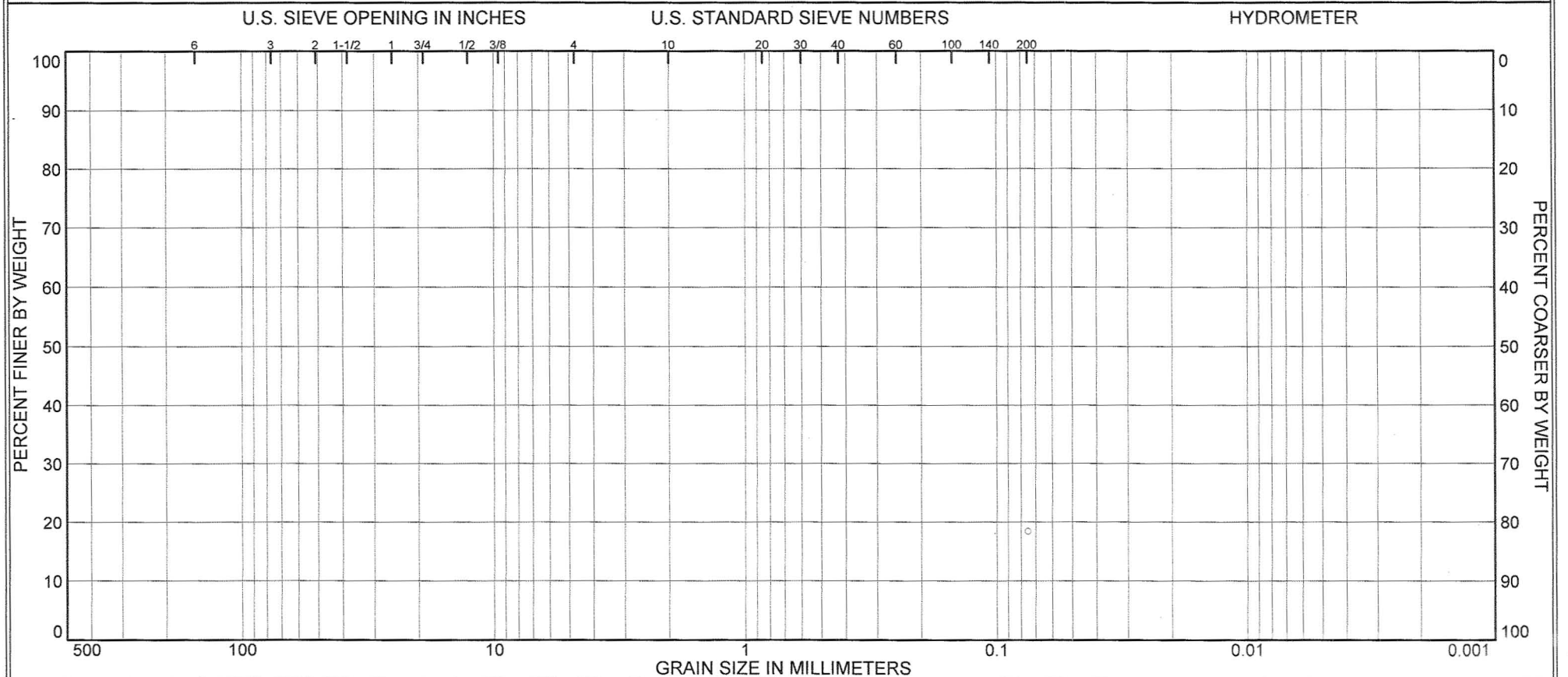
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7797

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 18.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4011 | SS-9 | 23.5/195.58 ft. | 1/25/2007 | | SAND, silty, clayey (SC-SM) | | | |

Client GPC c/o SNOC

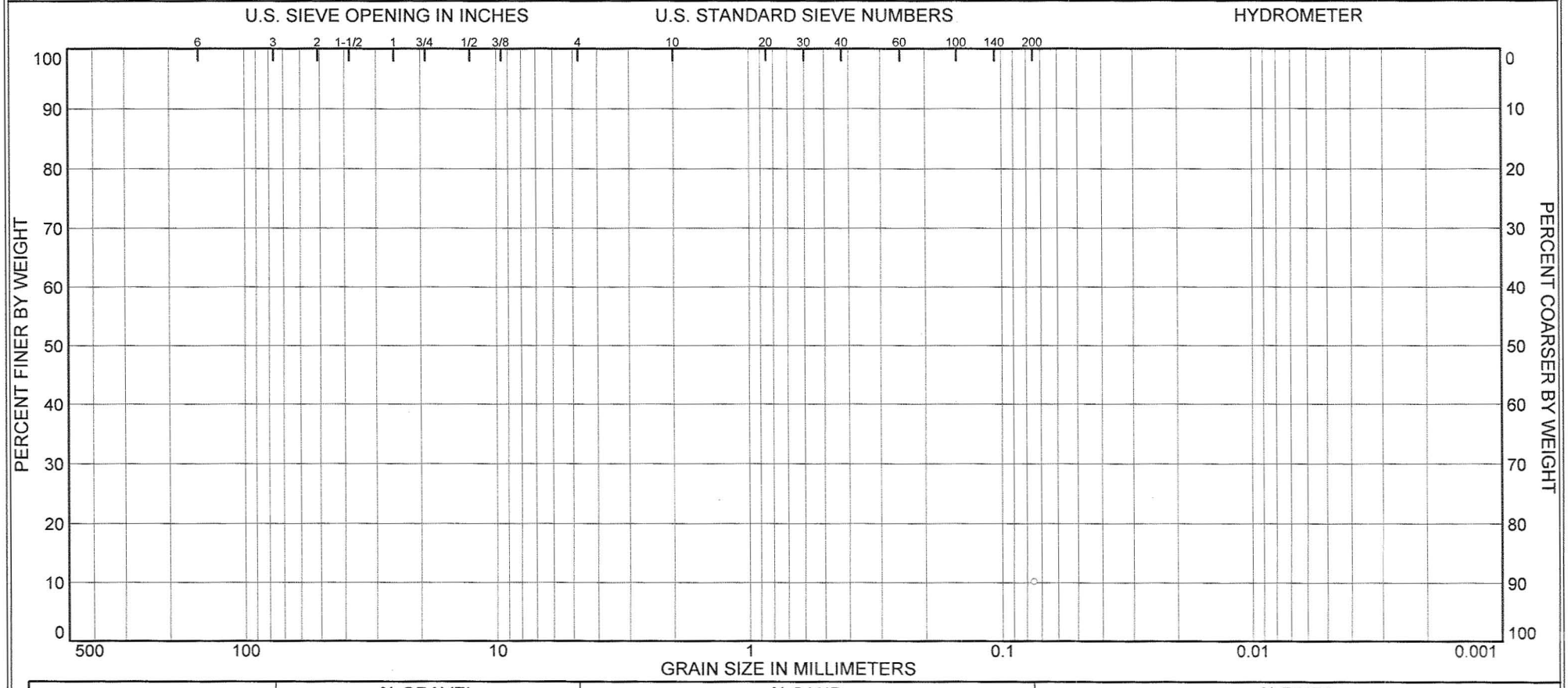
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7798

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 10.2 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4011 | SS-15 | 53.5/165.58 ft. | 1/25/2007 | | SAND, with silt (SP-SM) | | | |

Client GPC c/o SNOC

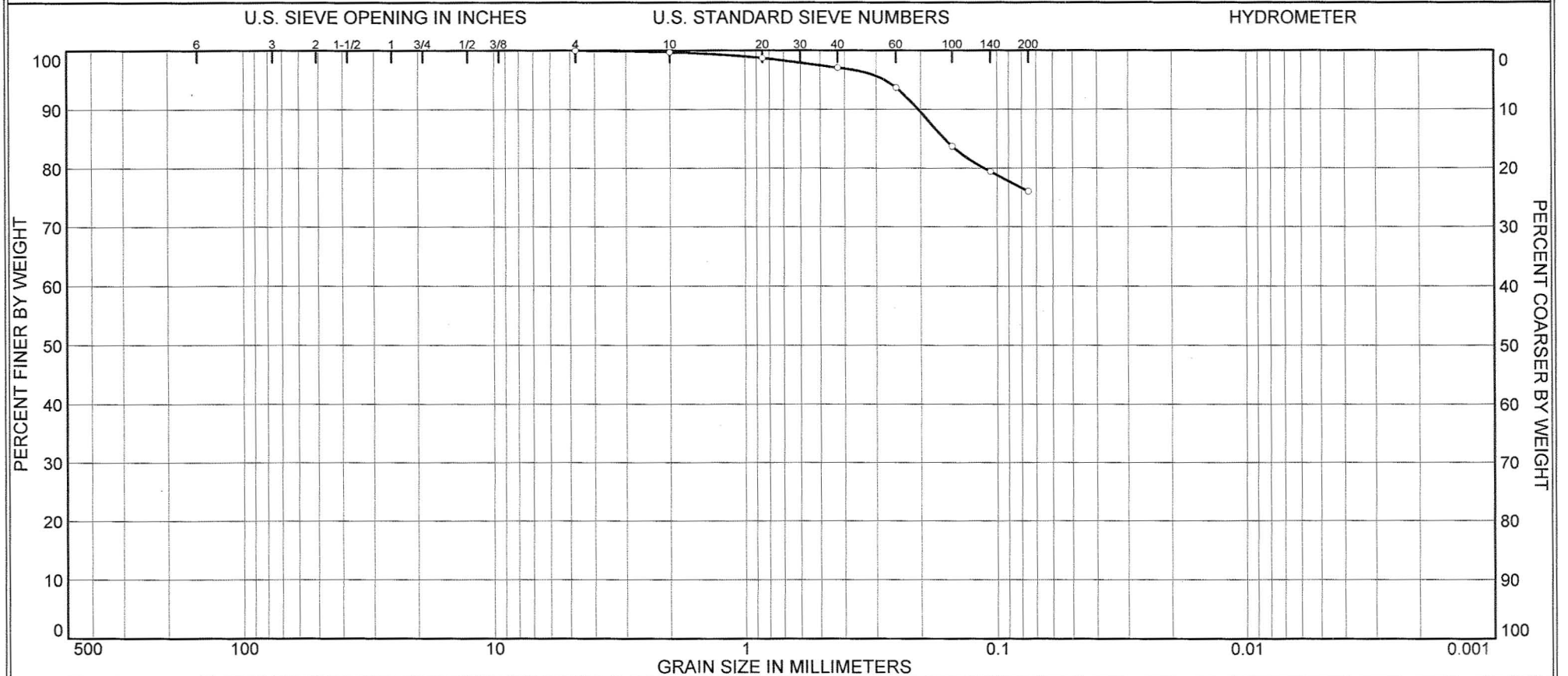
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7799

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| | % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|---|
| | | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| ○ | 0.0 | 0.0 | 0.0 | 0.3 | 2.6 | 21.1 | 76.0 | |

| | SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|---|
| ○ | B-4011 | SS-23 | 93.5/125.58 ft. | 2/5/2007 | MH | SILT, with sand (MH) | 30.8 | 71 | 46 |

Client GPC c/o SNOC

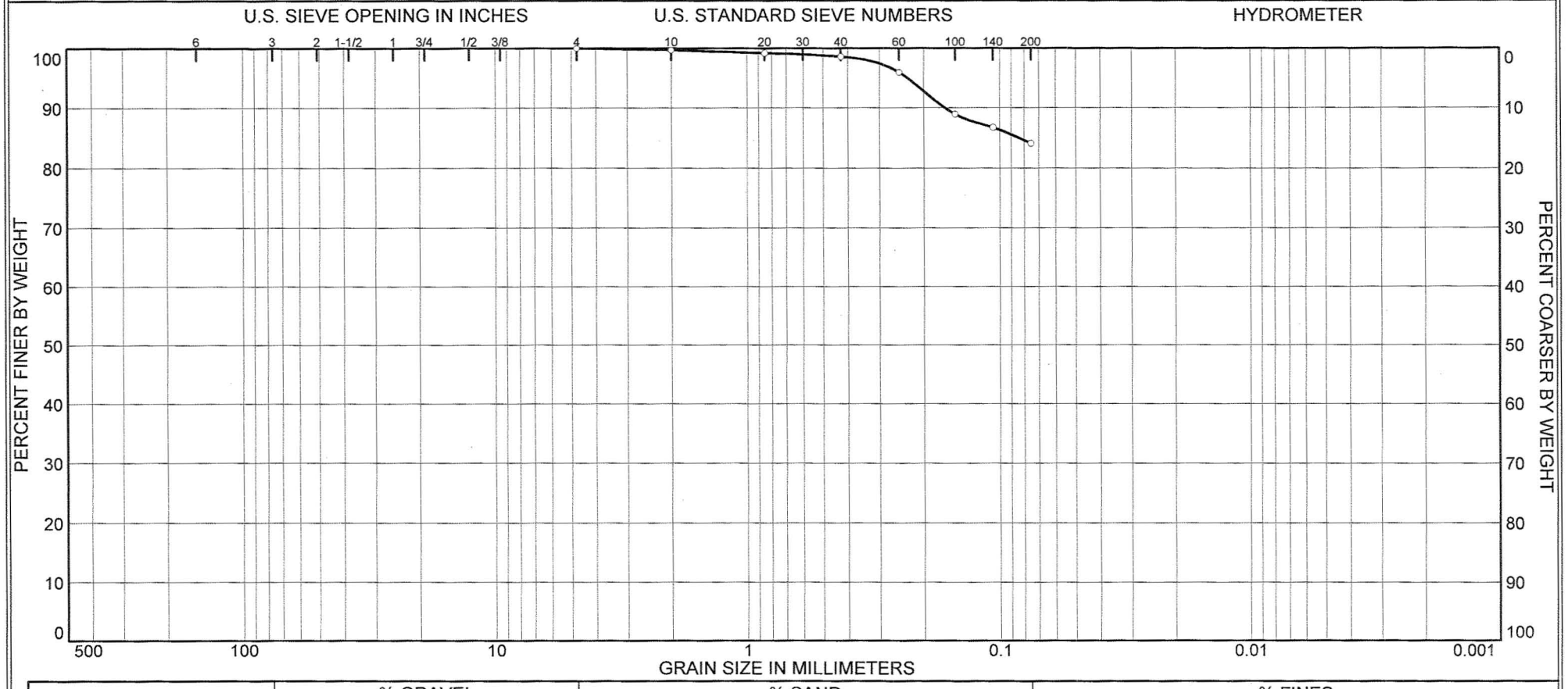
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7800

**MACTEC ENGINEERING AND CONSULTING, INC.**

○ Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 0.3 | 1.1 | 14.5 | 84.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4011 | SS-26 | 108.5/110.58 ft. | 2/5/2007 | MH | SILT, with sand (MH) | 37.2 | 65 | 36 |

Client GPC c/o SNOC

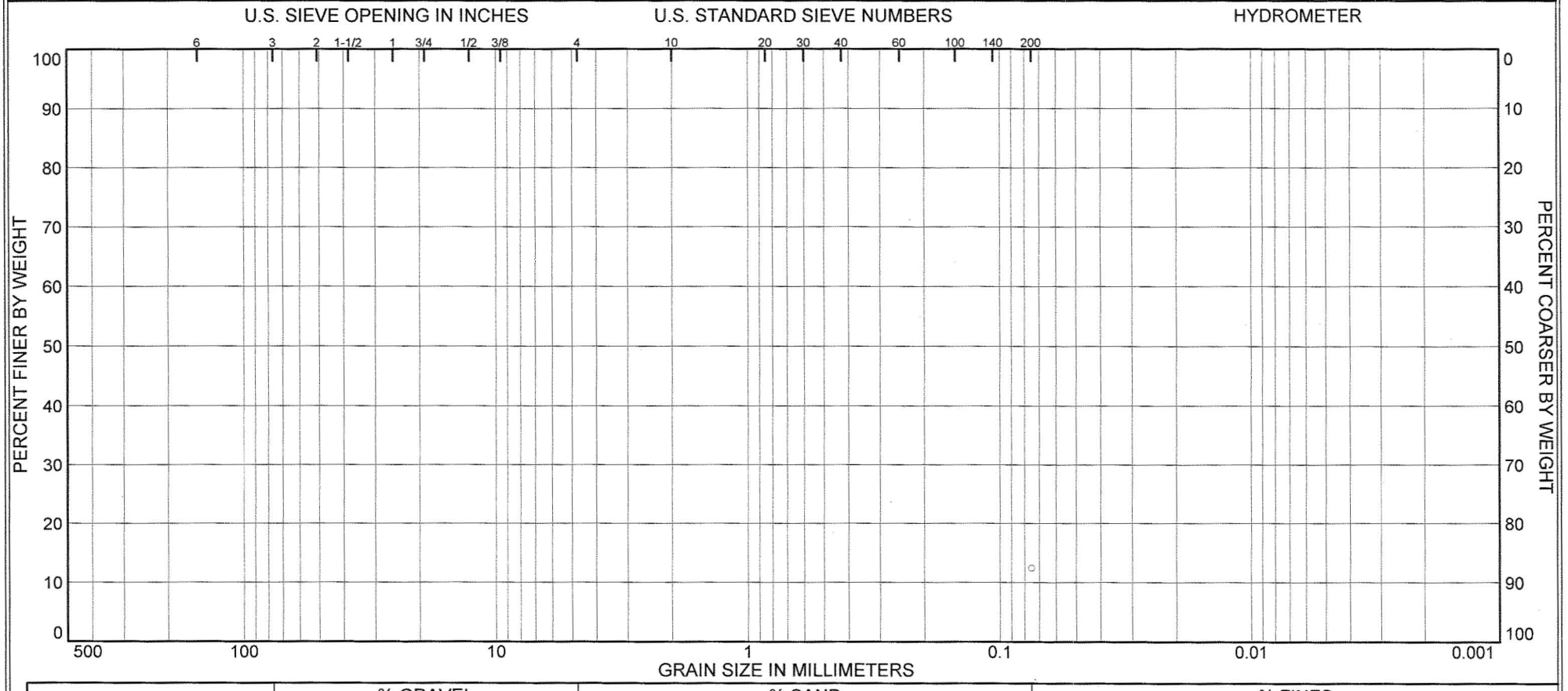
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7801

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 12.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4013 | SS-4 | 6.0/216.24 ft. | 2/15/2007 | | SAND, silty (SM) | | | |

Client GPC c/o SNOC

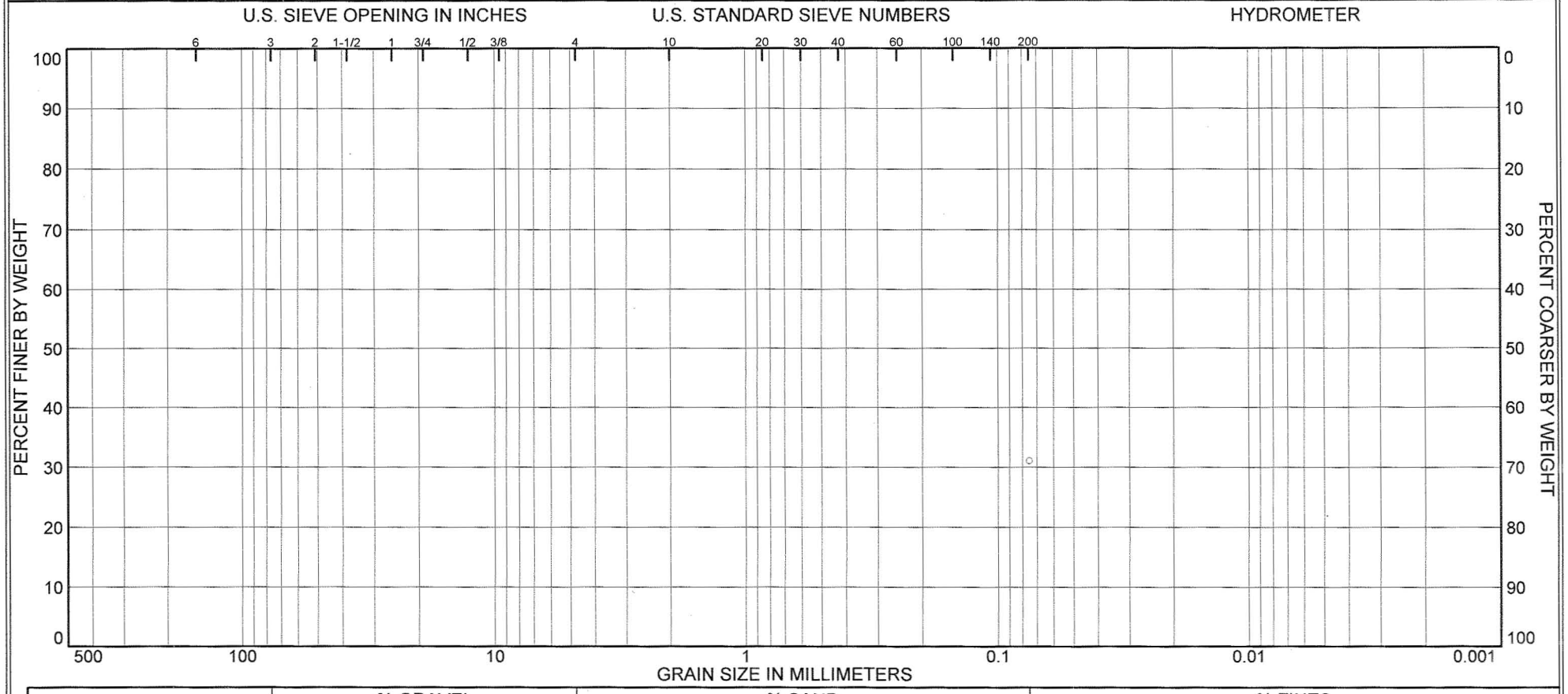
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7802

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 31.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4013 | SS-10 | 21.0/201.24 ft. | 2/15/2007 | | SAND, Clayey (SC) | | | |

Client GPC c/o SNOC

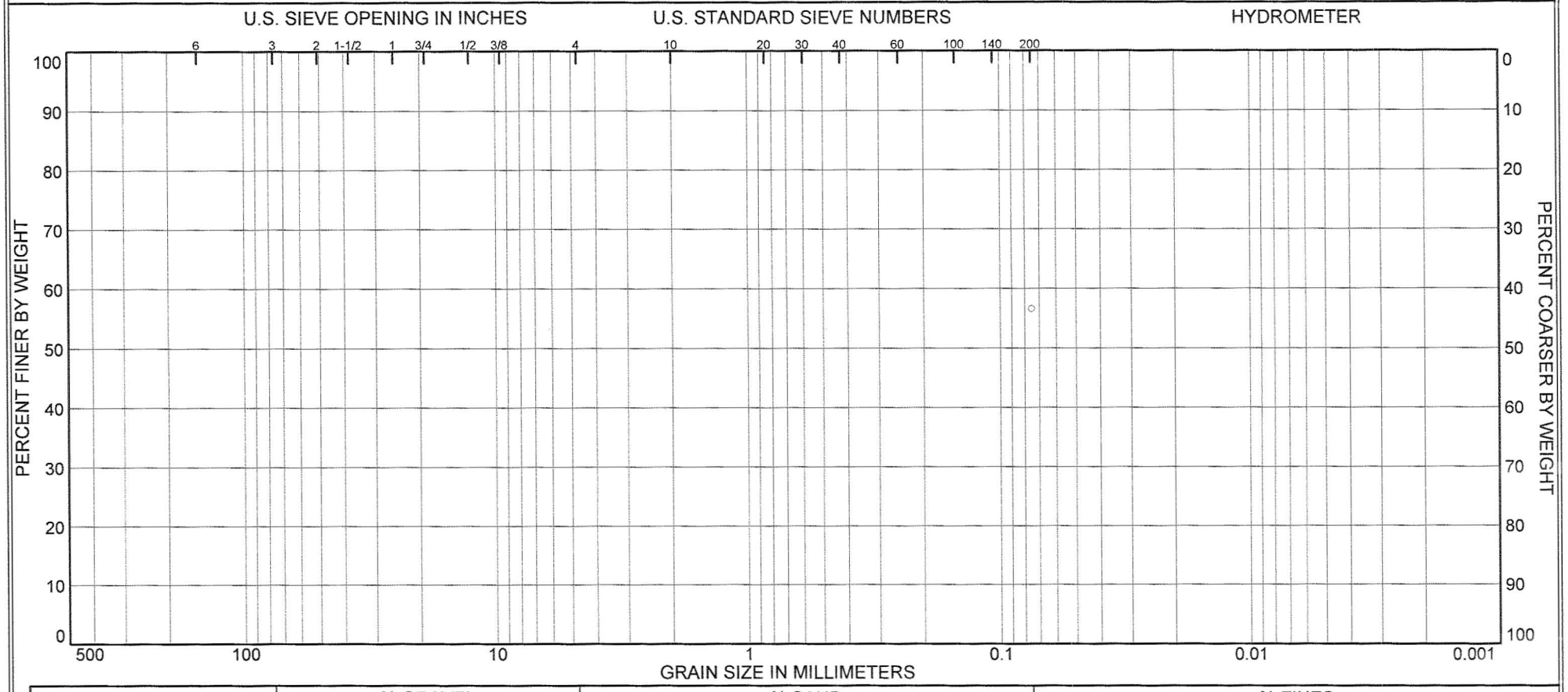
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7803

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 56.6 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4013 | SS-16 | 36.0/186.24 ft. | 2/15/2007 | | CLAY, sandy (CL) | | | |

Client GPC c/o SNOC

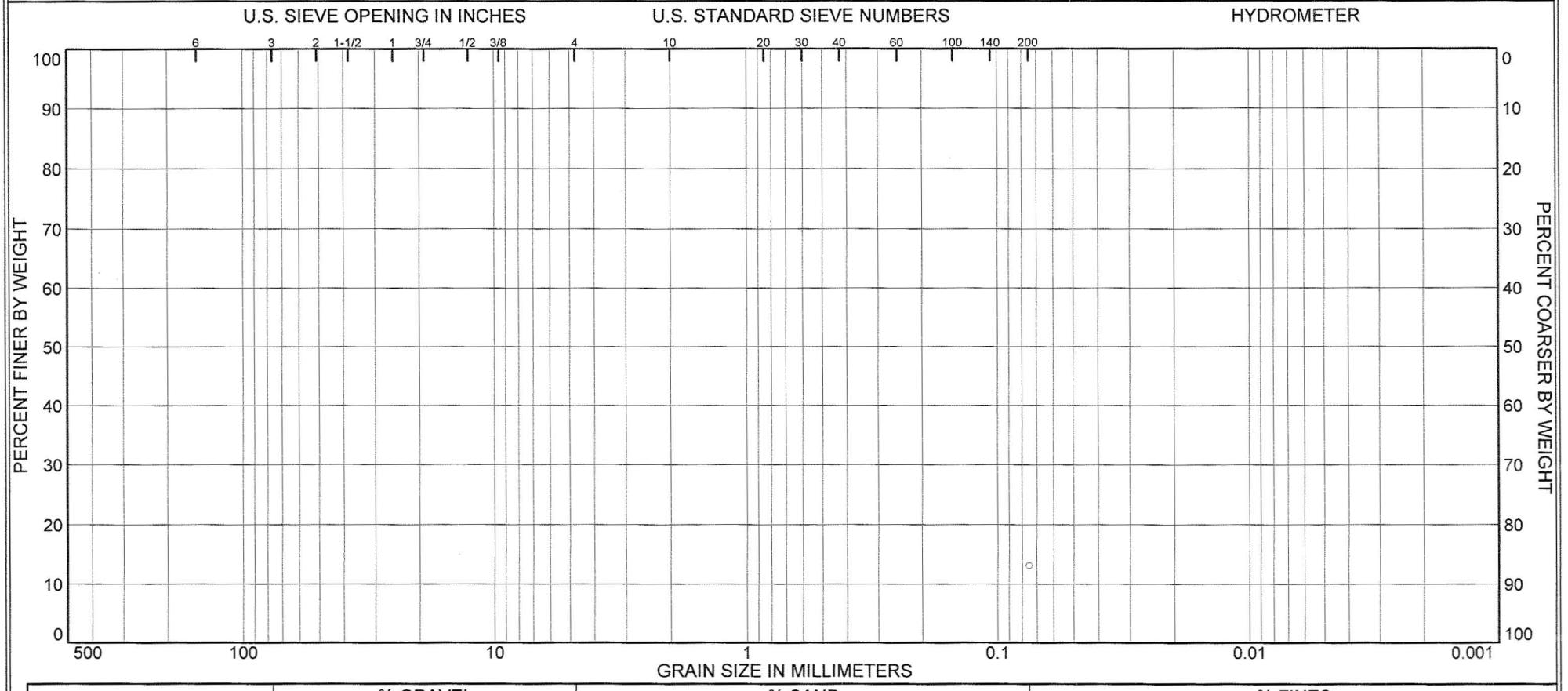
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7804

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 13.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4013 | SS-22 | 51.0/171.24 ft. | 2/15/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

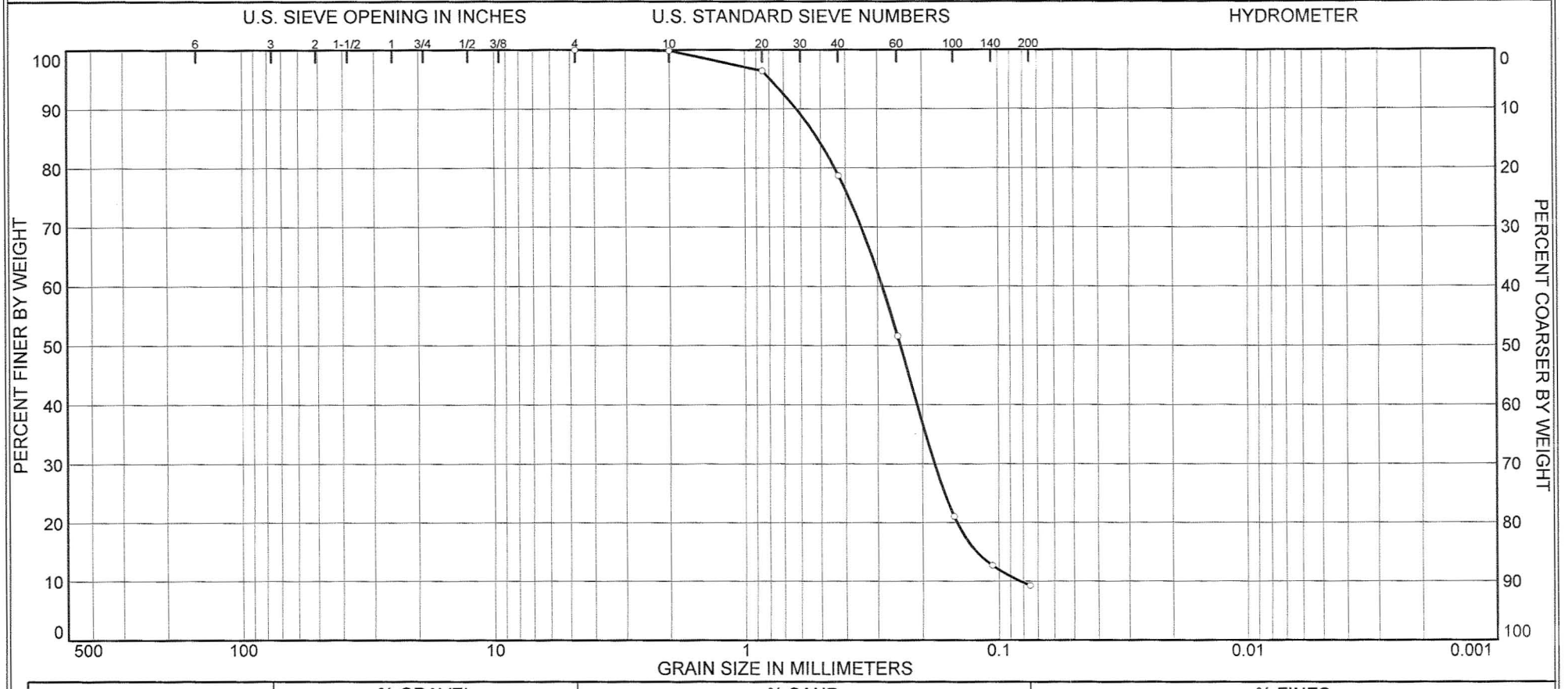
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7805

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 0.1 | 21.2 | 69.5 | 9.2 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4014 | SS-2 | 1.5/219.24 Ft. | 1/17/2007 | | SAND, with silt (SP-SM) | | | |

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7300

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: RW Reviewed by: HJ