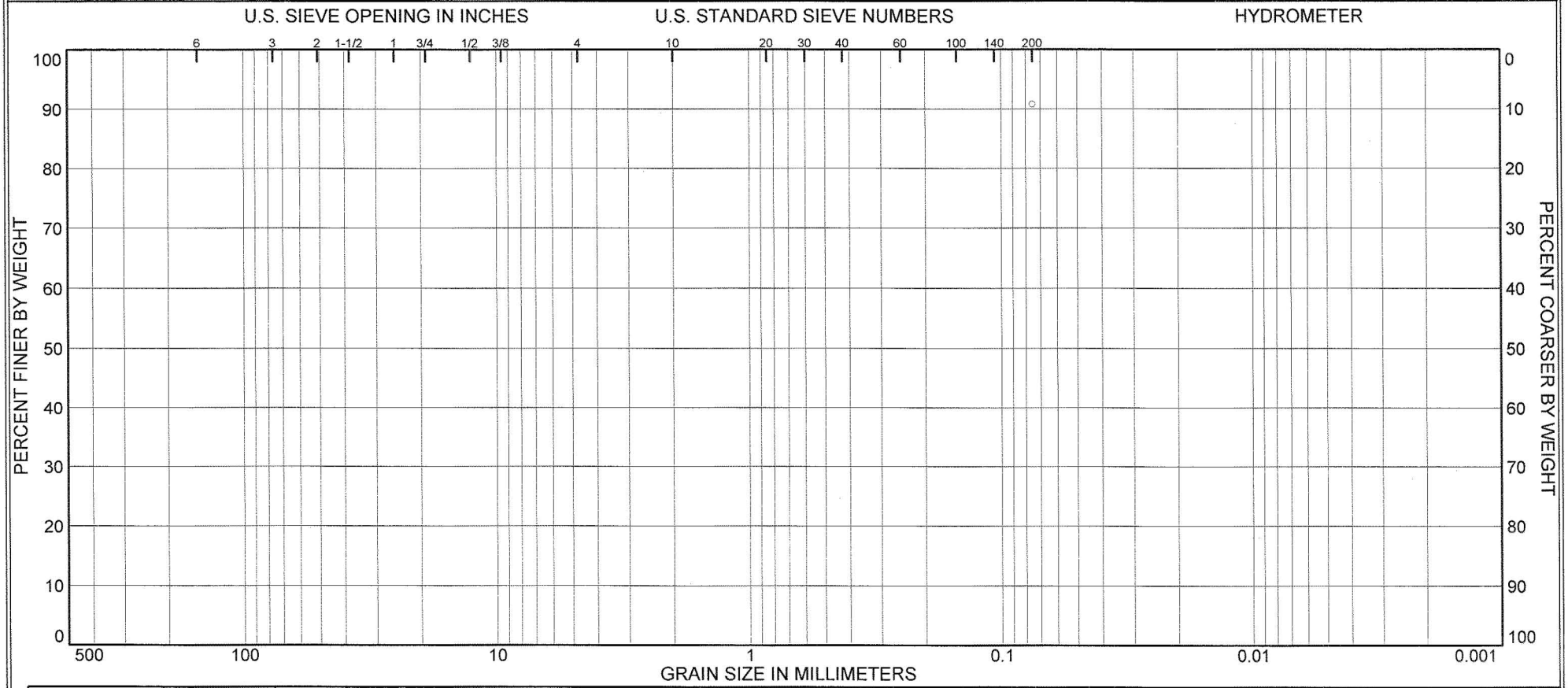
# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 90.8 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3035 | UD-1 | 95.5/123.84 | 3/13/07 | | SILT (MH) | | 93 | 47 |

Client GPC c/o SNOC

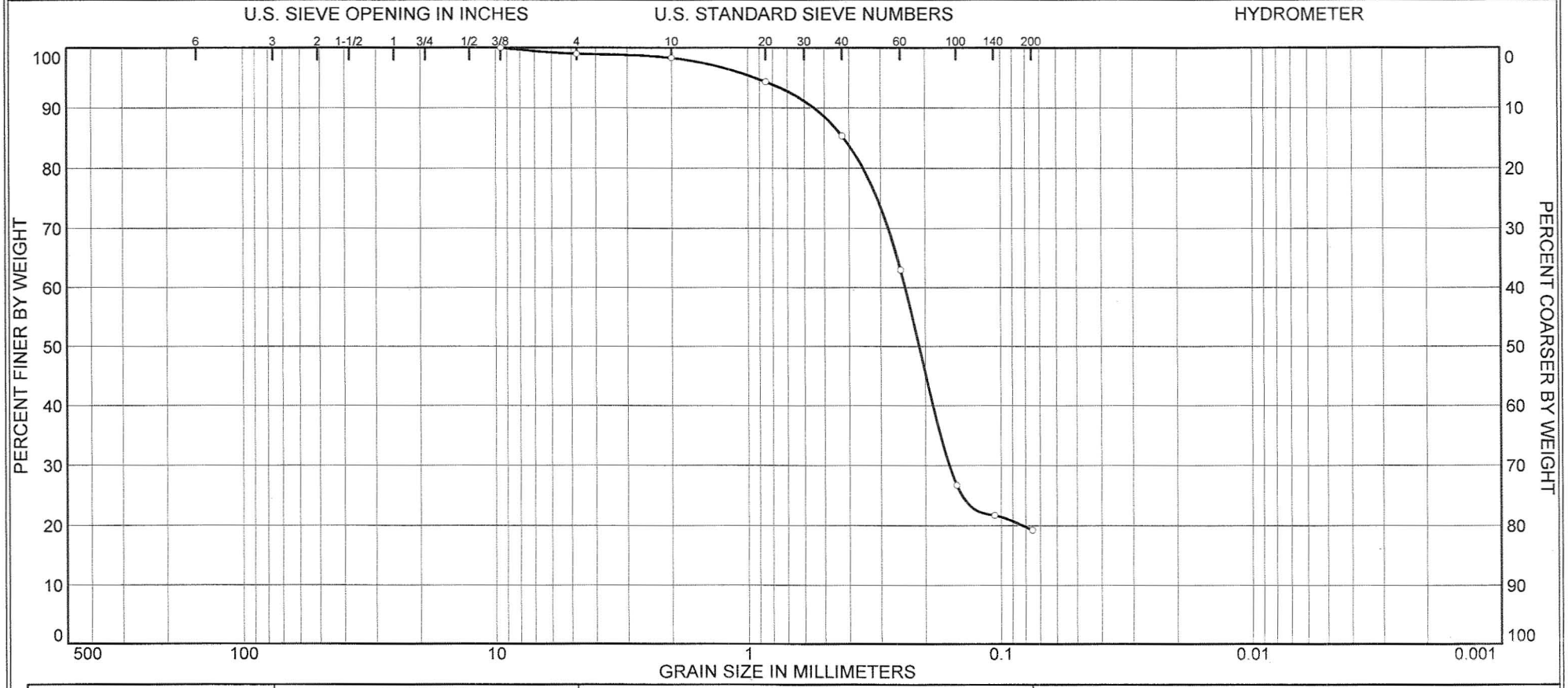
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7546

**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 | 1.0 | 0.7 | 13.0 | 66.1 | 19.2 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-3 | 3.5/214.37 Ft. | 11/8/2006 | SM | SAND, silty (SM) | 13.3 | | |

Client GPC c/o SNOC

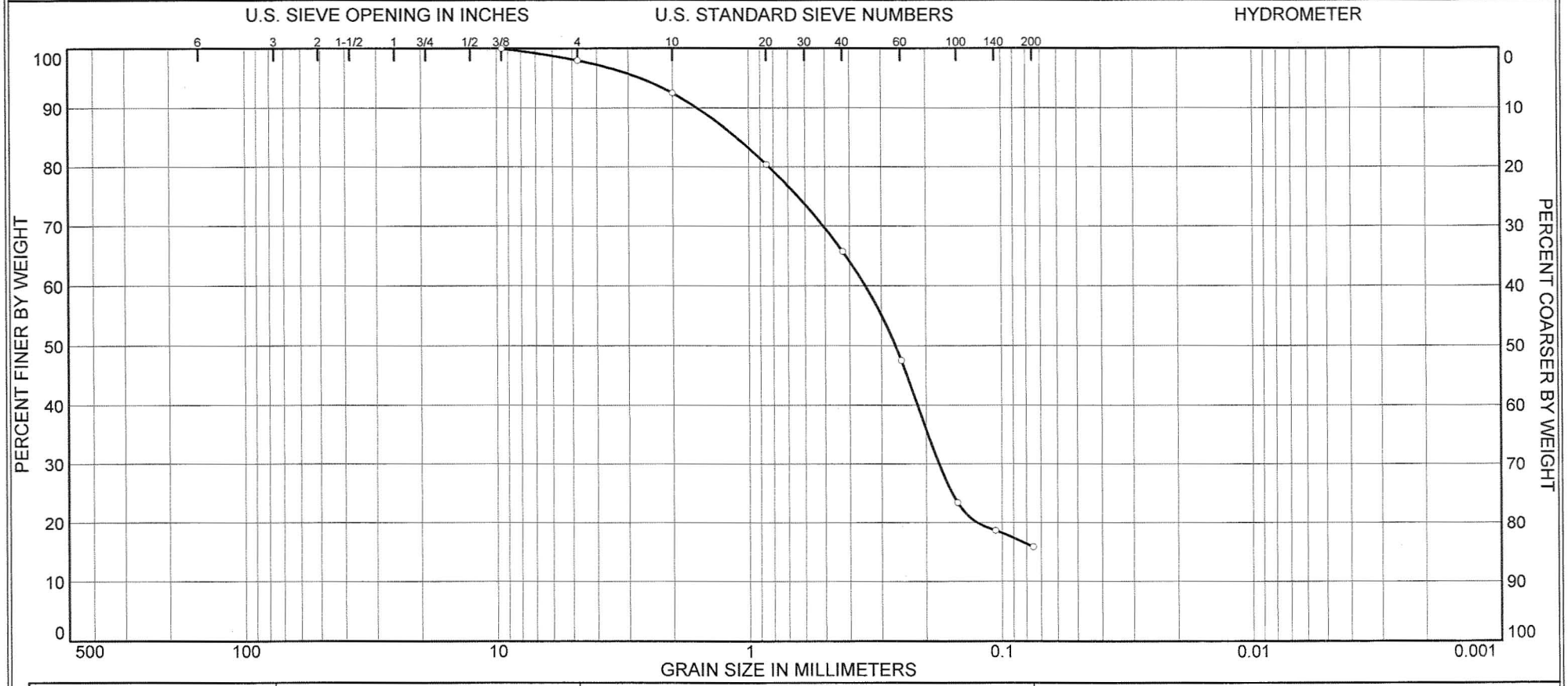
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6799

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 2.0 | 5.5 | 26.8 | 49.9 | 15.8 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-6 | 11/206.87 Ft. | 11/8/2006 | | SAND, silty (SM) | 13.3 | | |

Client GPC c/o SNOC

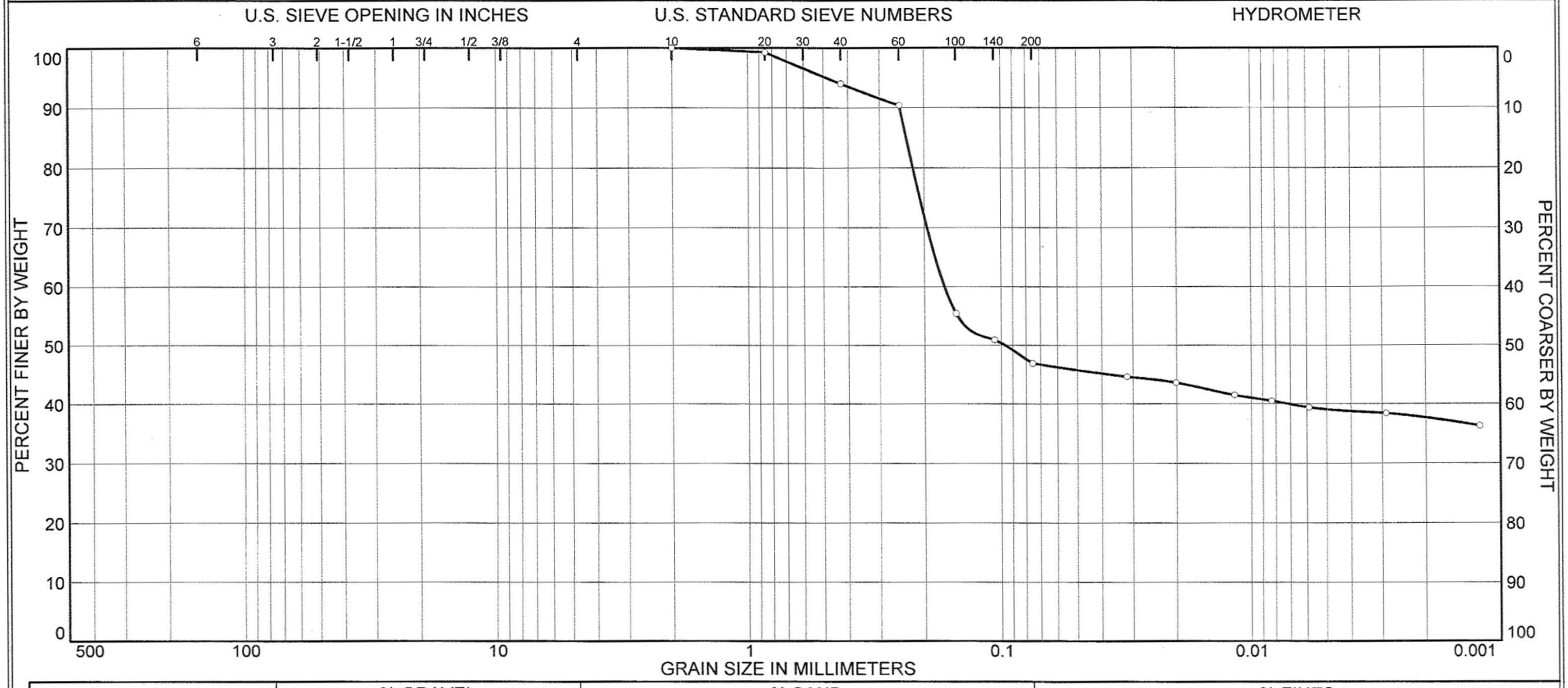
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6800

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW 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 | 6.0 | 47.1 | 7.8 | 39.1 |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-11 | 33.5/184.37 Ft. | 11/8/2006 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

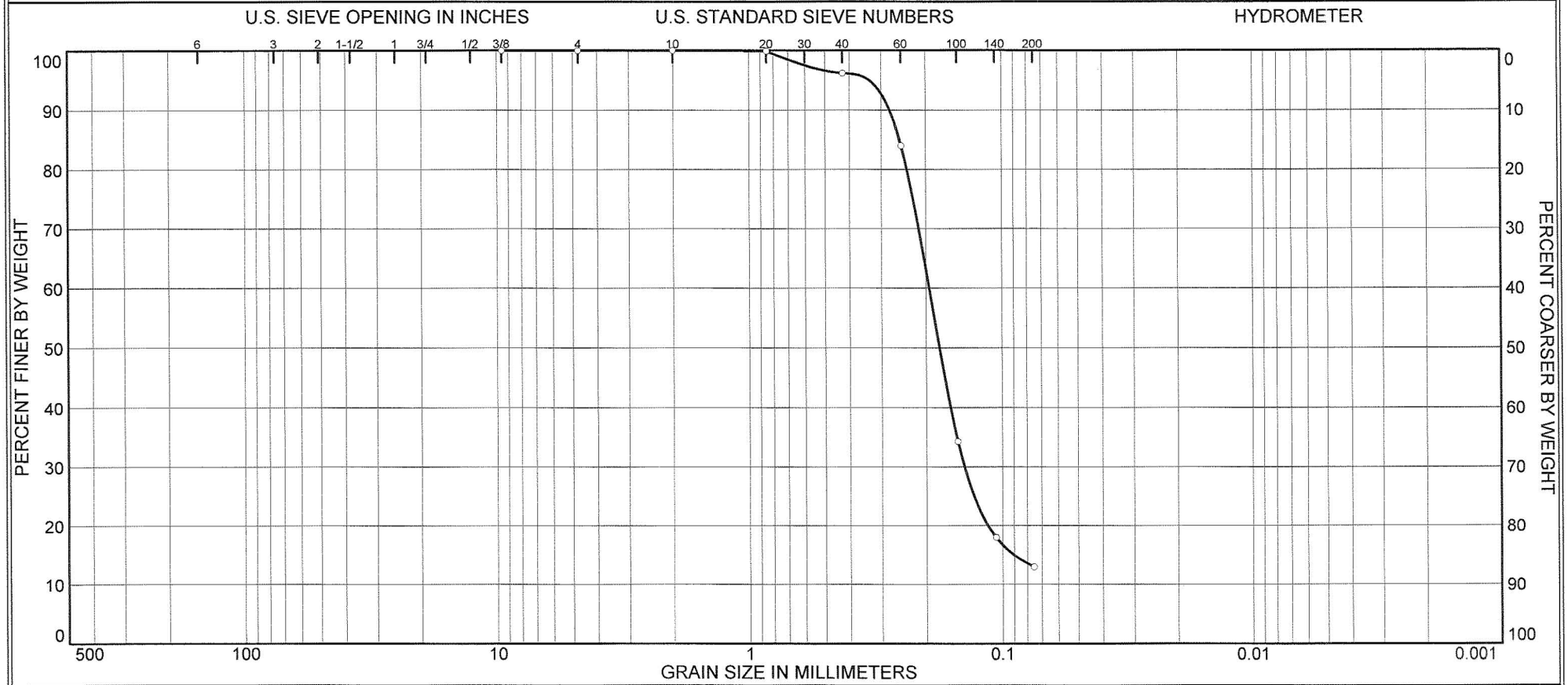
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6801

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM 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 | 3.8 | 83.3 | 12.9 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-13 | 43.5/174.37 Ft. | 11/8/2006 | | SAND, silty (SM) | 39.5 | | |

Client GPC c/o SNOC

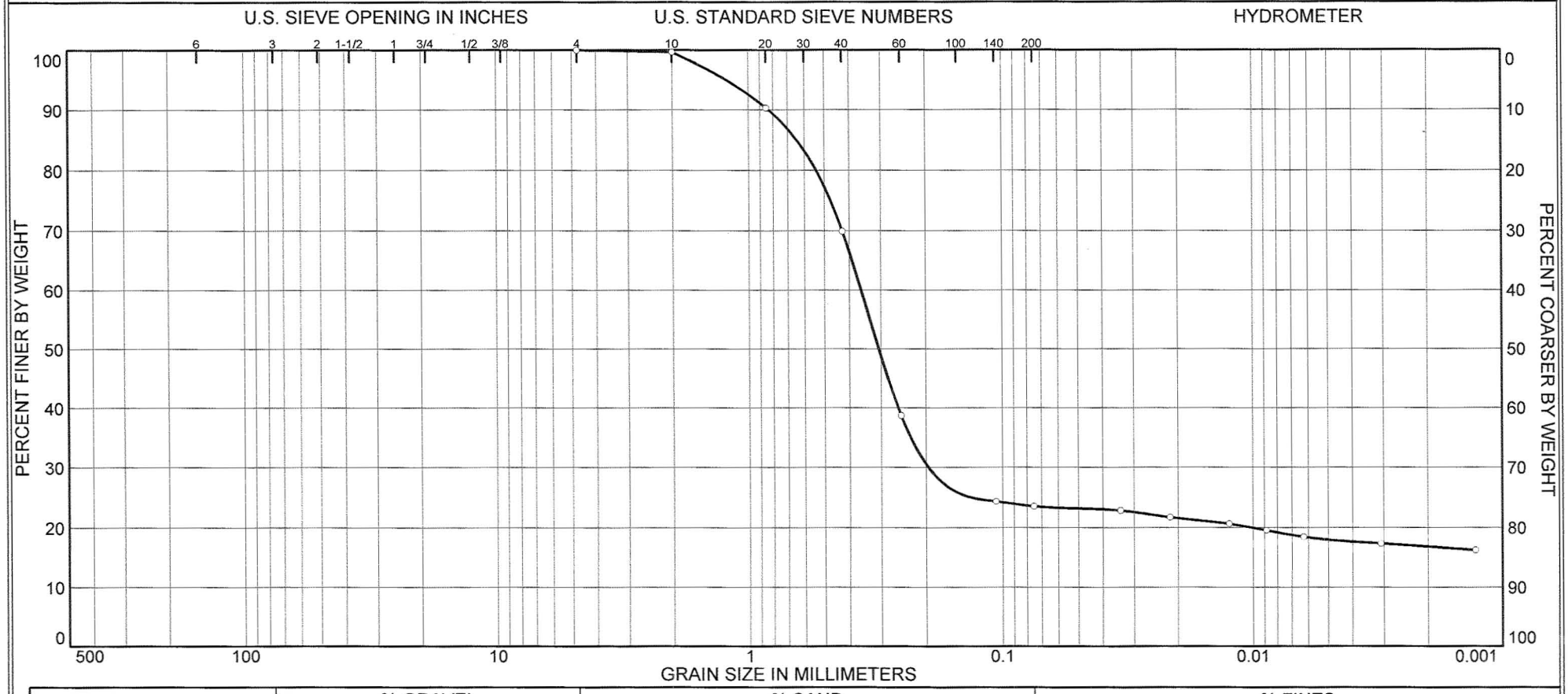
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6802

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW 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 | 29.8 | 46.4 | 5.6 | 17.9 |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-18 | 68.5/149.37 Ft. | 11/9/2006 | SC | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

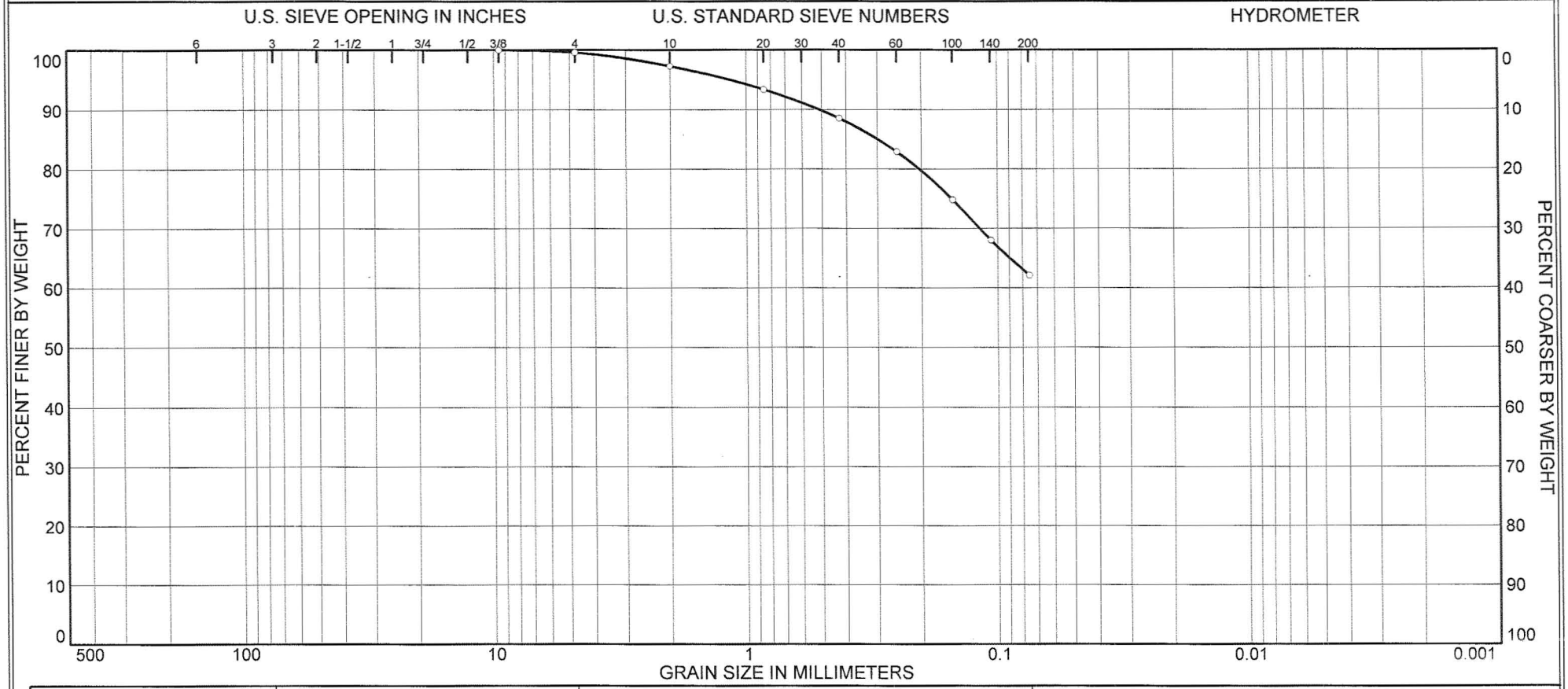
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6803

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.4 | 2.3 | 8.8 | 26.4 | 62.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-21 | 83.5/134.37 Ft. | 11/9/2006 | | SILT, sandy (ML) | 60.1 | | |

Client GPC c/o SNOC

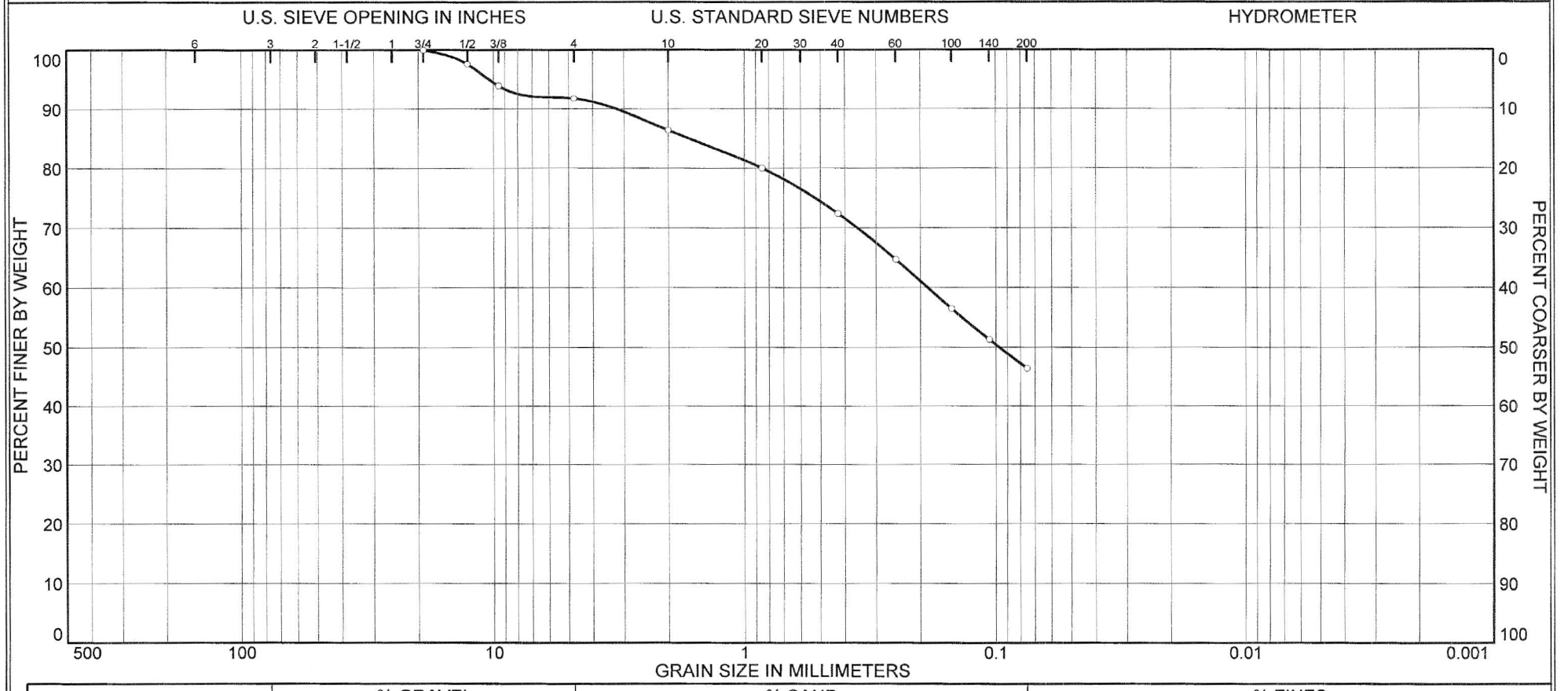
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6804

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 8.2 | 5.4 | 14.0 | 26.0 | 46.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-22 | 88.5/129.37 Ft. | 11/9/2006 | | CEMENTED FRAGMENTS, silty (SM) | 48.4 | | |

Client GPC c/o SNOC

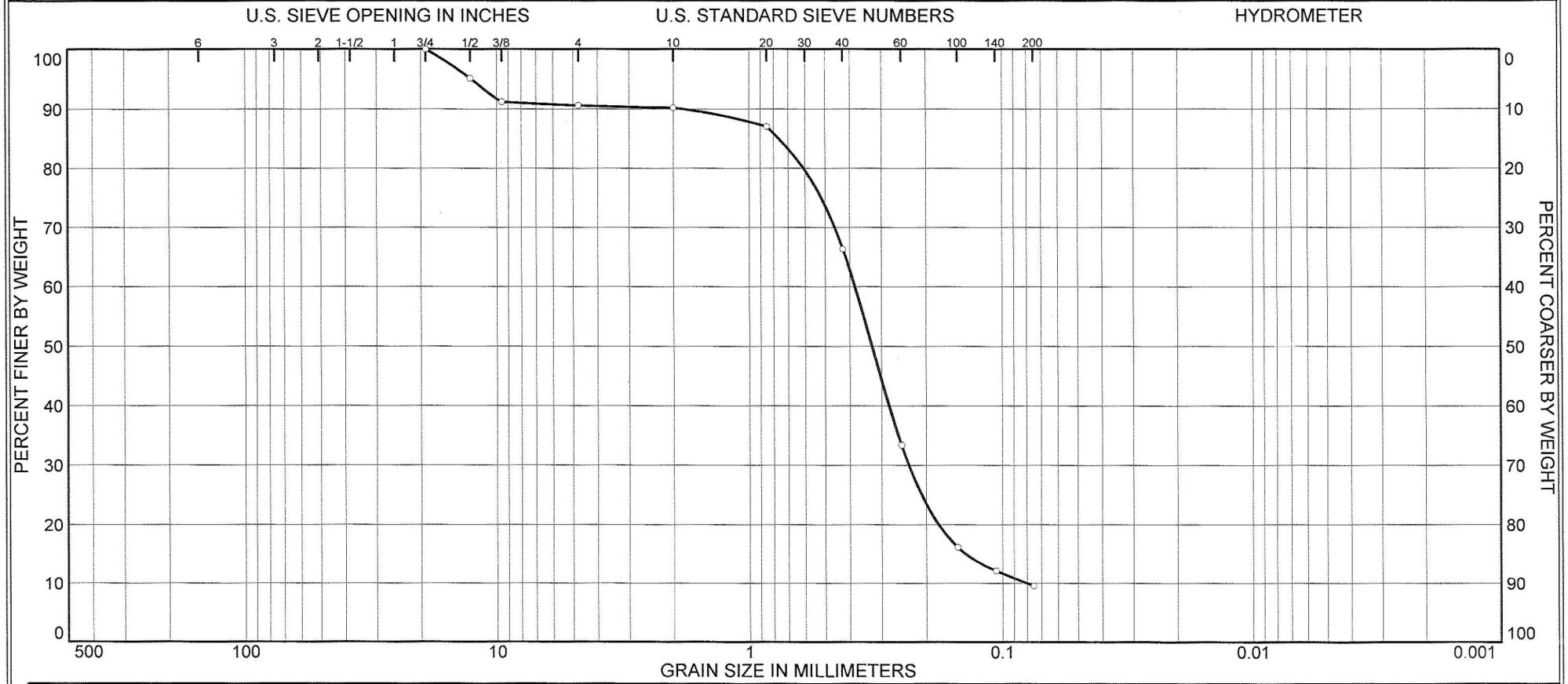
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Lab no. 6805

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 9.4 | 0.4 | 23.9 | 56.8 | 9.5 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-3036 | SS-35 | 153.5/64.37 Ft. | 11/14/2006 | | SAND, with clay (SP-SC) | 20.0 | | |

Client GPC c/o SNOC

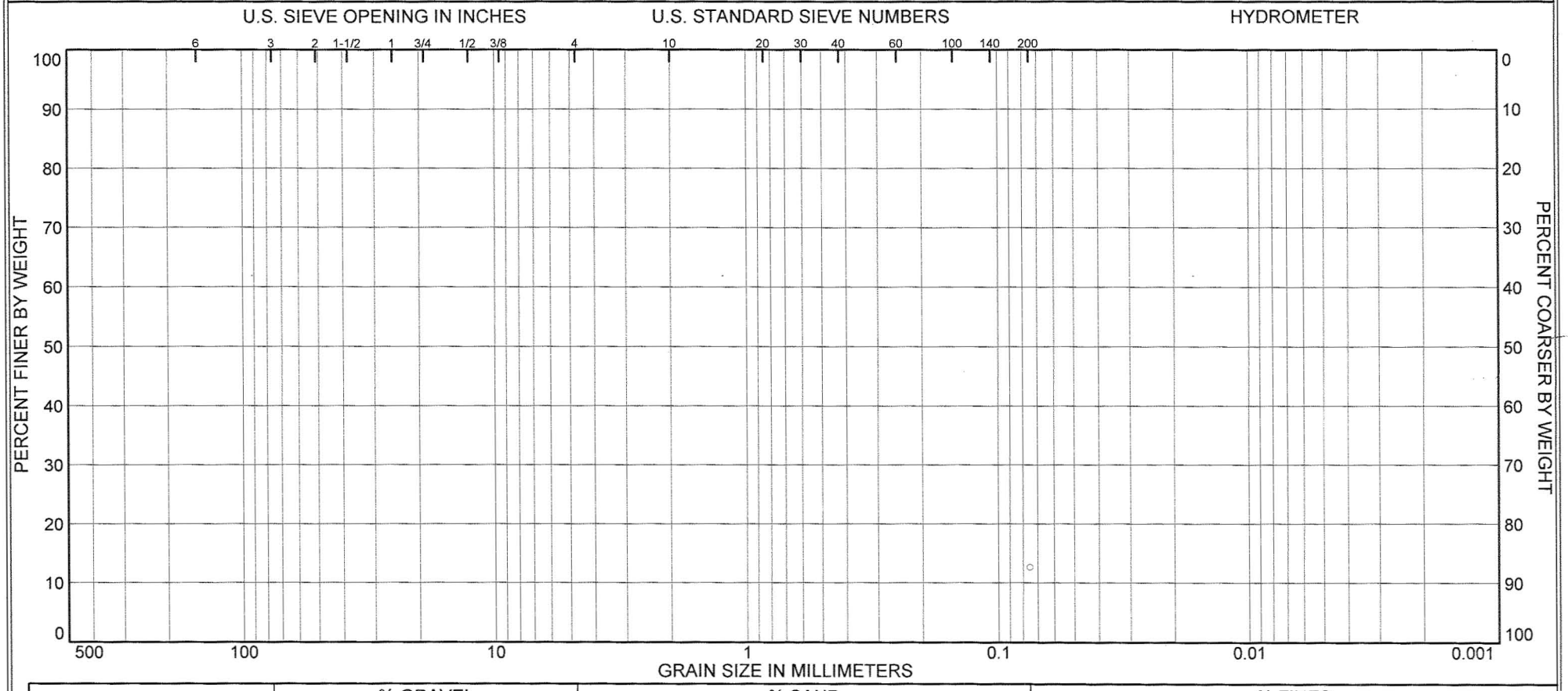
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 6809

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: JM/RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 12.6 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4001 | SS-2 | 1.5/217.38 Ft. | 11/29/2006 | | SAND, silty (SM) | | | |

Client GPC c/o SNOC

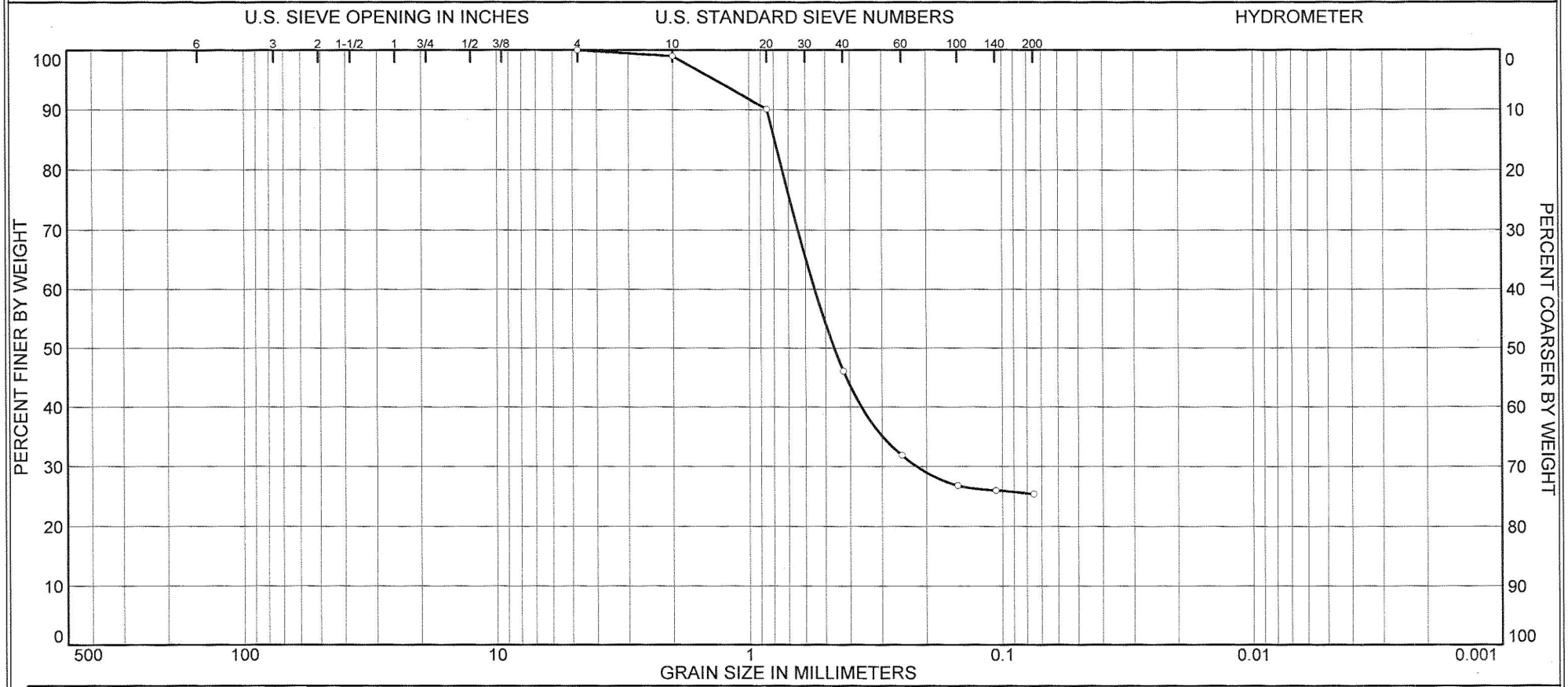
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7289

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 1.0 | 52.9 | 20.7 | 25.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4001 | SS-5 | 8.5/210.38 Ft. | 11/29/06 | | SAND, clayey (SC) | | 49 | 24 |

Client GPC c/o SNOC

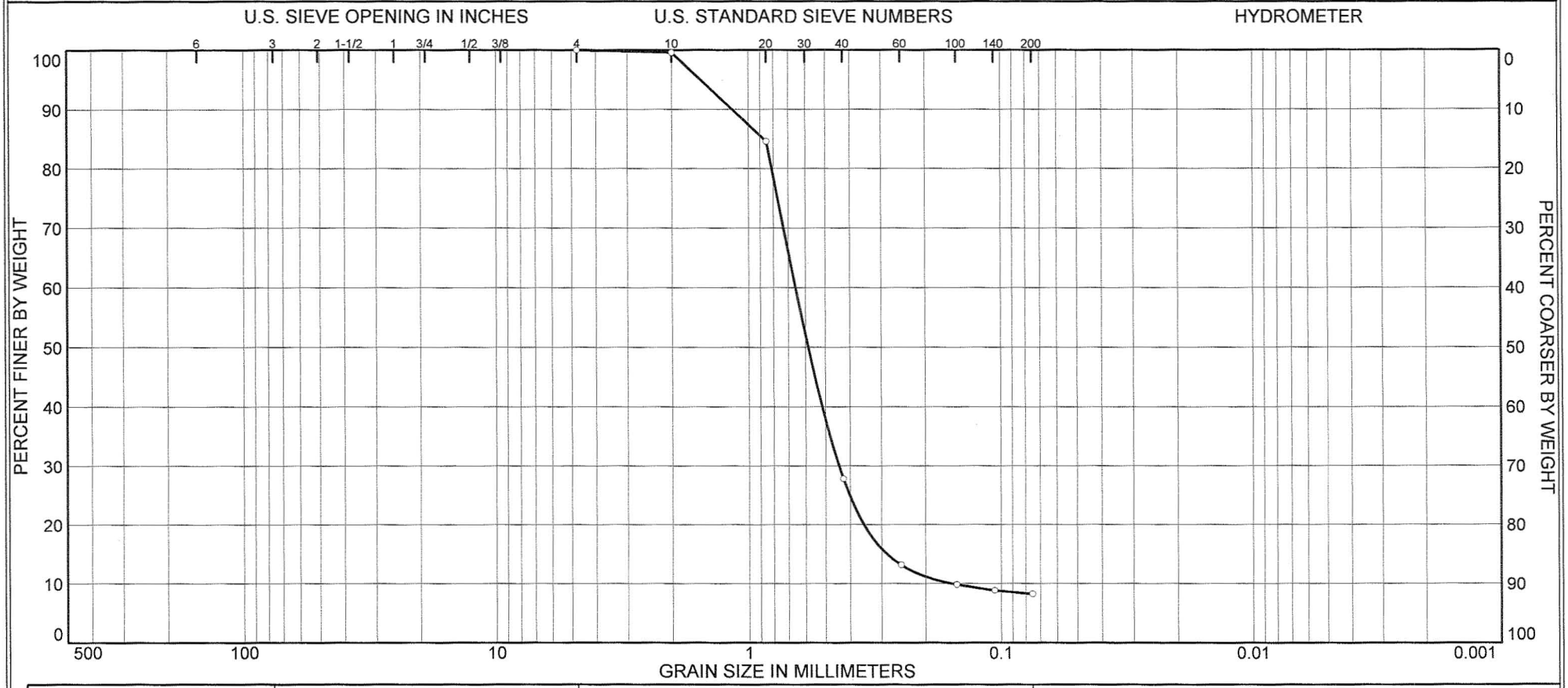
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7290

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: RW Reviewed by: HJ

# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| 0.0 | 0.0 | 0.0 | 0.4 | 71.8 | 19.6 | 8.2 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4001 | SS-7 | 13.5/205.38 Ft. | 11/29/2006 | | SAND, with silt (SP-SM) | | | |

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7291

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: RW Reviewed by: HJ