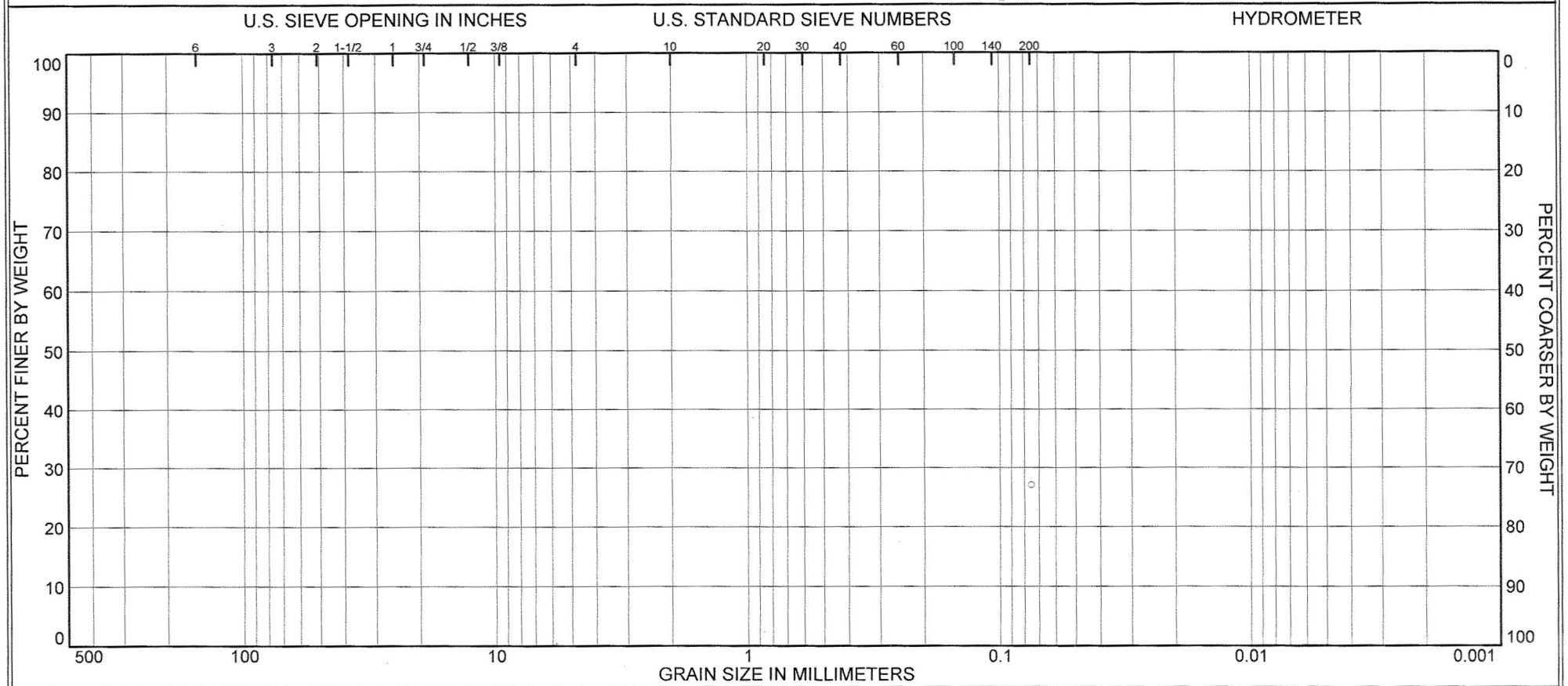
# Particle Size Distribution Report




| % COBBLES | % GRAVEL | | % SAND | | | % FINES | |
|---|---|---|---|---|---|---|---|
| | COARSE | FINE | COARSE | MEDIUM | FINE | SILT | CLAY |
| | | | | | | 27.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4017 | SS-4 | 6.0/214.94 ft. | 2/15/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

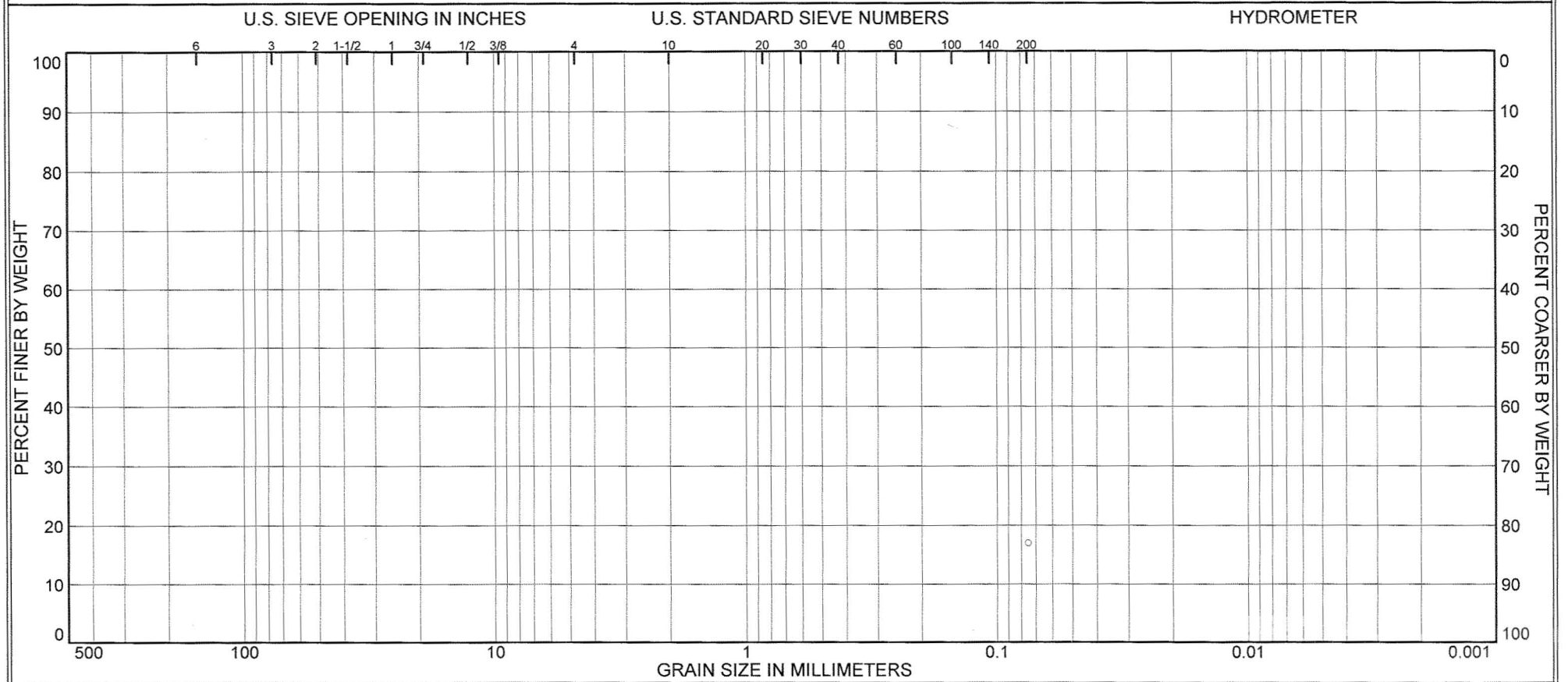
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7813

**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 |
| | | | | | | 17.0 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4017 | SS-9 | 23.5/197.44 | 2/15/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

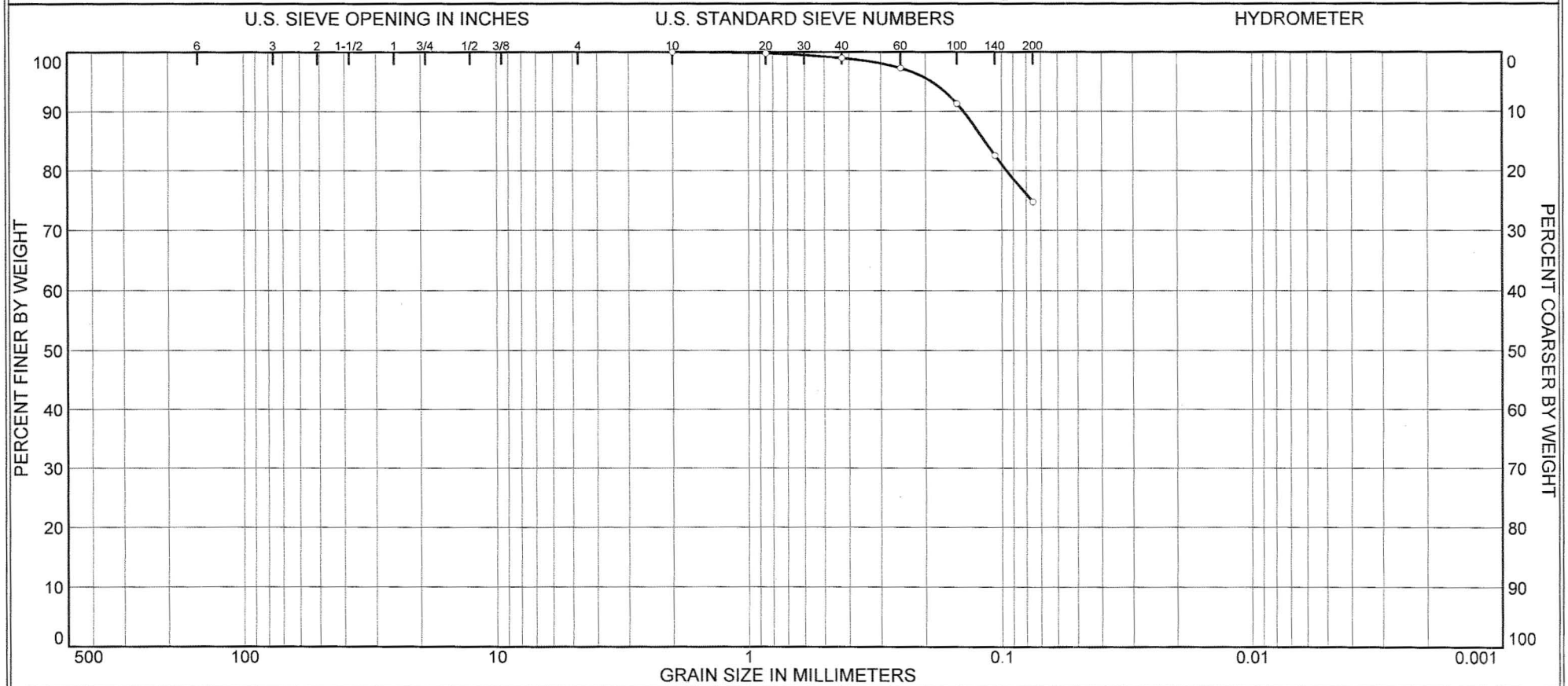
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7814

**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 | 1.0 | 24.3 | 74.7 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4017 | SS-30 | 138.5/82.44 ft. | 3/8/2007 | CL | CLAY, with sand (CL) | 34.7 | 40 | 24 |

Client GPC c/o SNOC

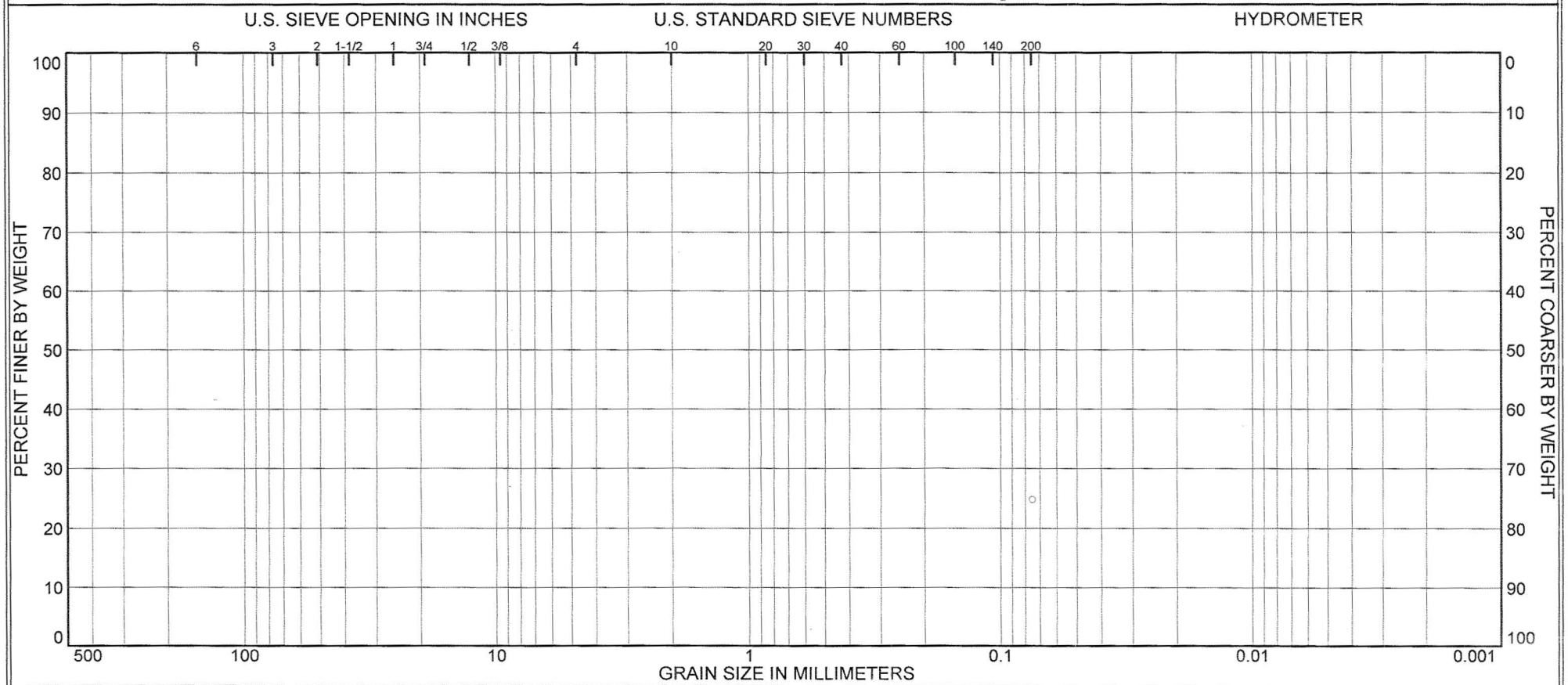
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7815

**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 |
| | | | | | | 24.8 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4022 | SS-6 | 11.0/209.71 ft | 1/7/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

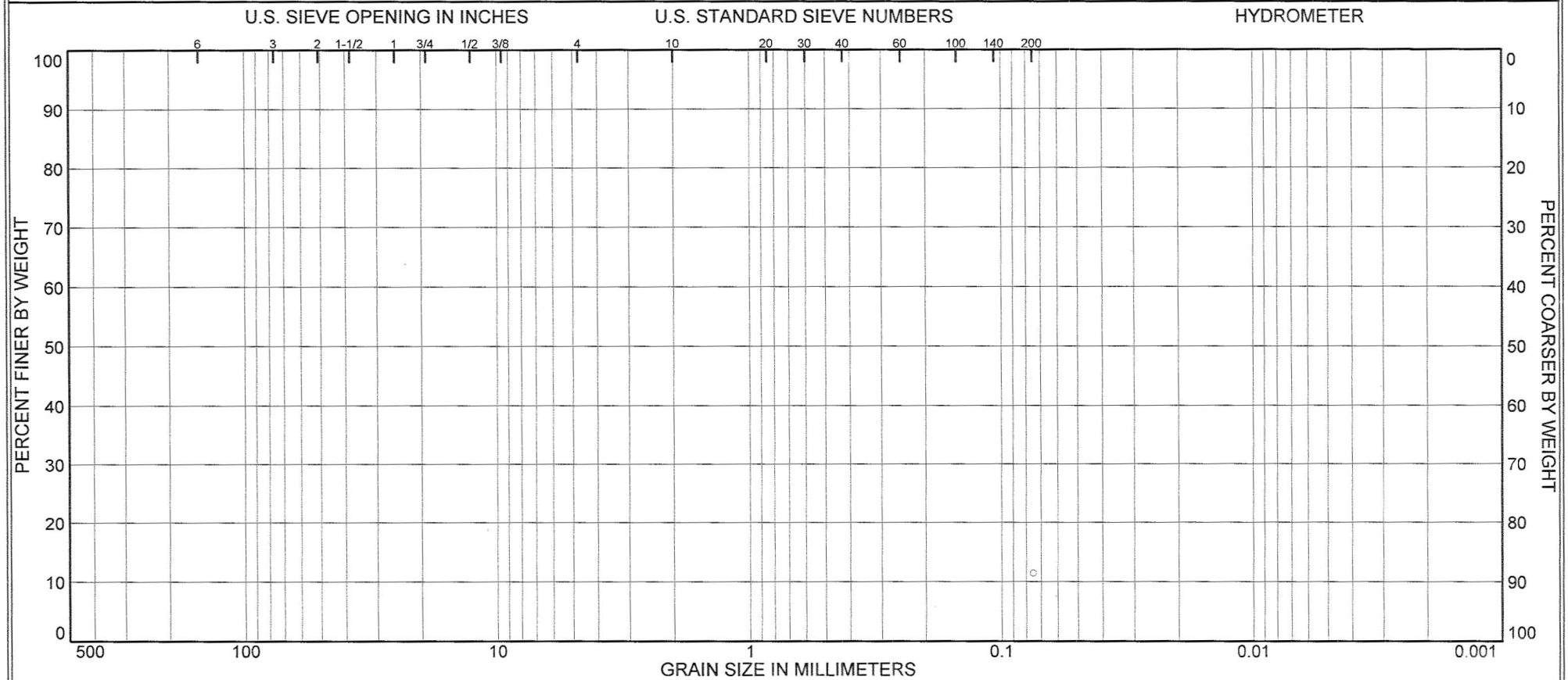
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7816

**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 |
| | | | | | | 11.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4022 | SS-15 | 53.5/167.21 | 1/7/2007 | | SAND, with clay (SP-SC) | | | |

Client GPC c/o SNOC

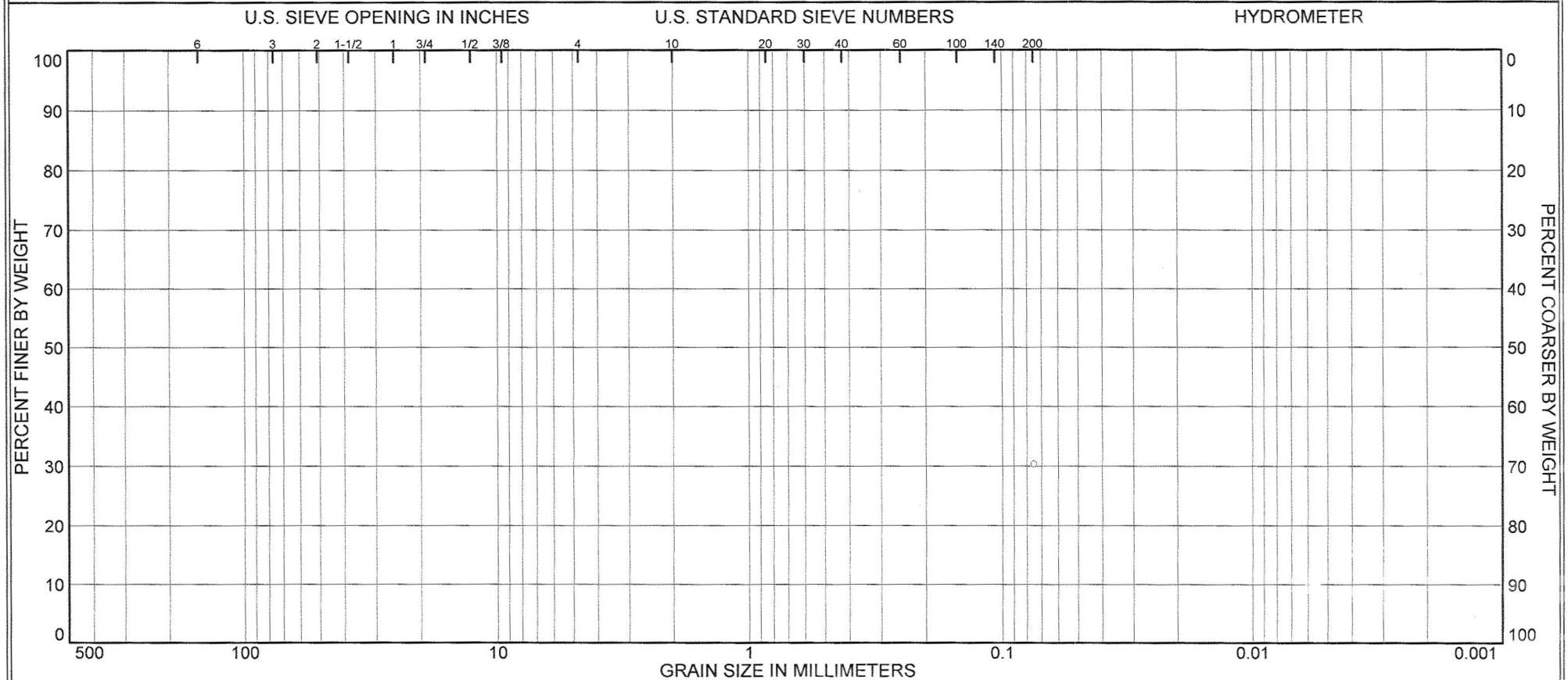
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7817

**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 |
| | | | | | | 30.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4023 | SS-3 | 3.5/217.21 ft. | 1/10/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

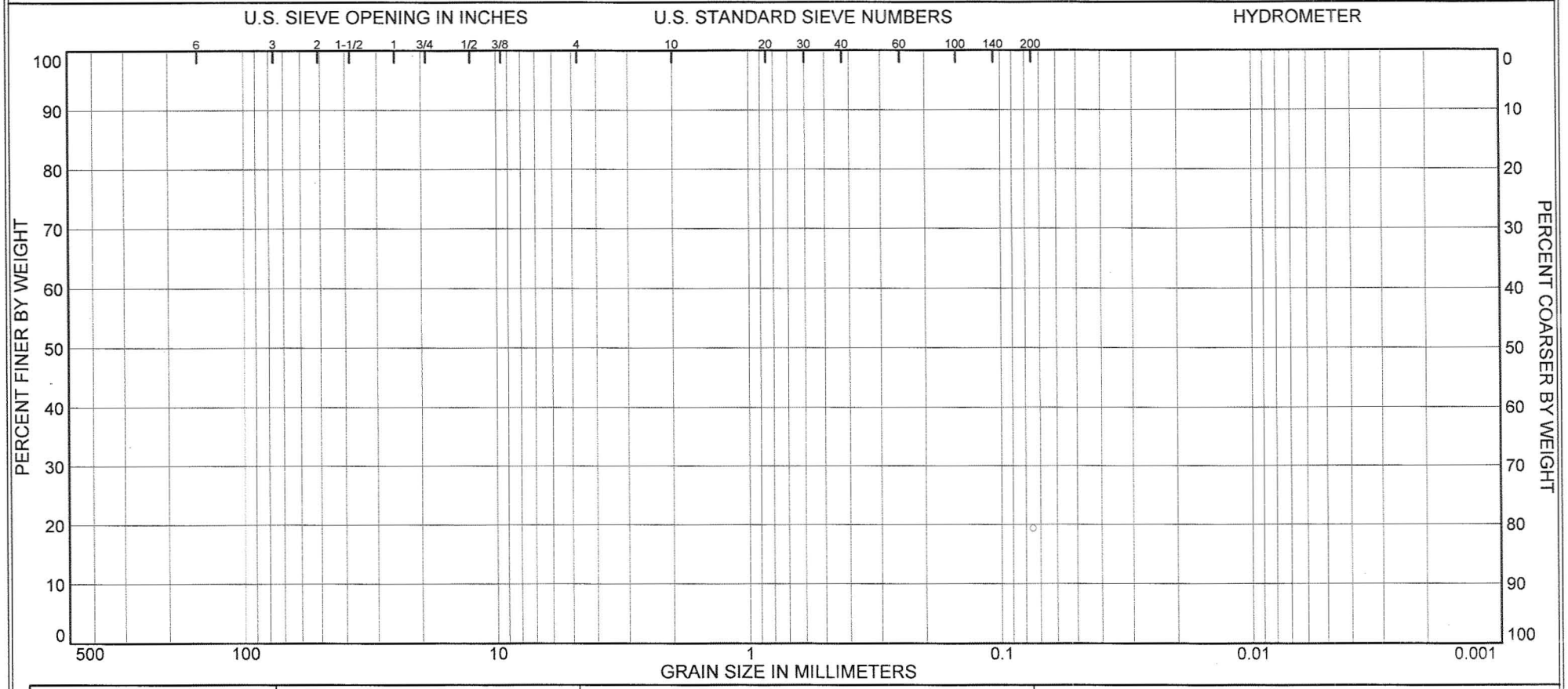
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7818

**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 |
| | | | | | | 19.3 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4023 | SS-9 | 23.5/197.21 ft. | 1/10/2007 | | SAND, clayey (SC) | | | |

Client GPC c/o SNOC

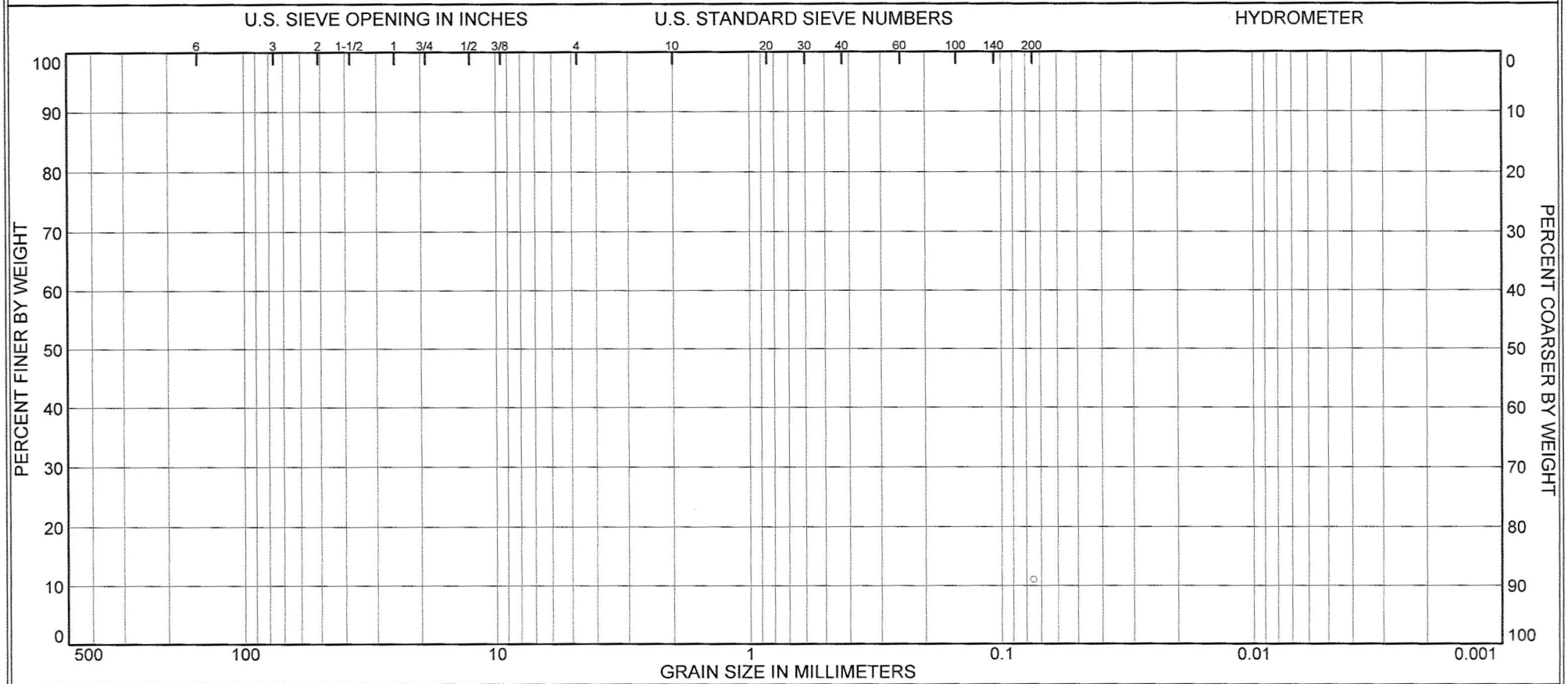
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7819

**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 |
| | | | | | | 11.0 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4026 | SS-4 | 6.0/215.54 ft. | 2/5/2007 | | SAND, ~~silty with gravel~~ w/ silt & gravel (SP-SM) | | | |

Client GPC c/o SNOC

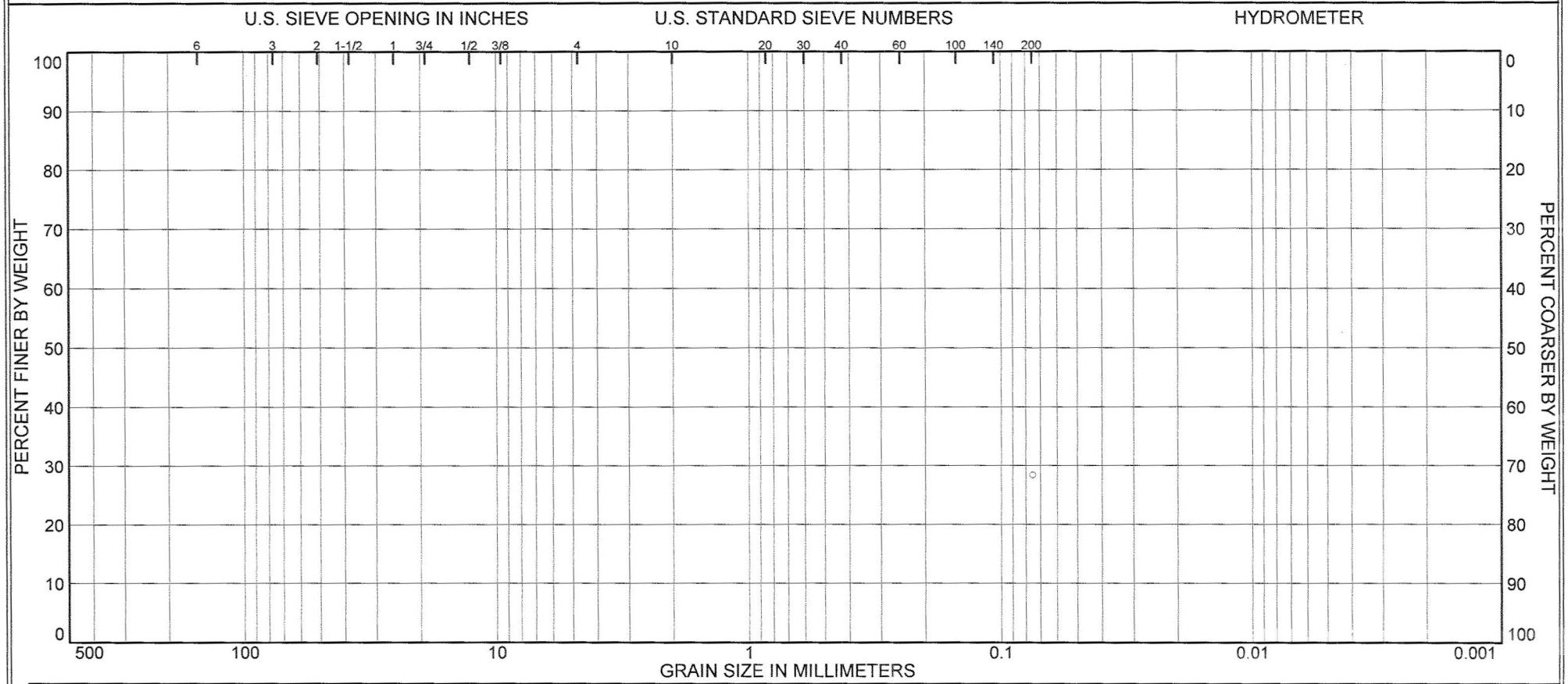
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7820

**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 |
| | | | | | | 28.4 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4026 | SS-7 | 13.5/208.04 ft. | 2/5/2007 | | SAND, silty, clayey (SC-SM) | | | |

Client GPC c/o SNOC

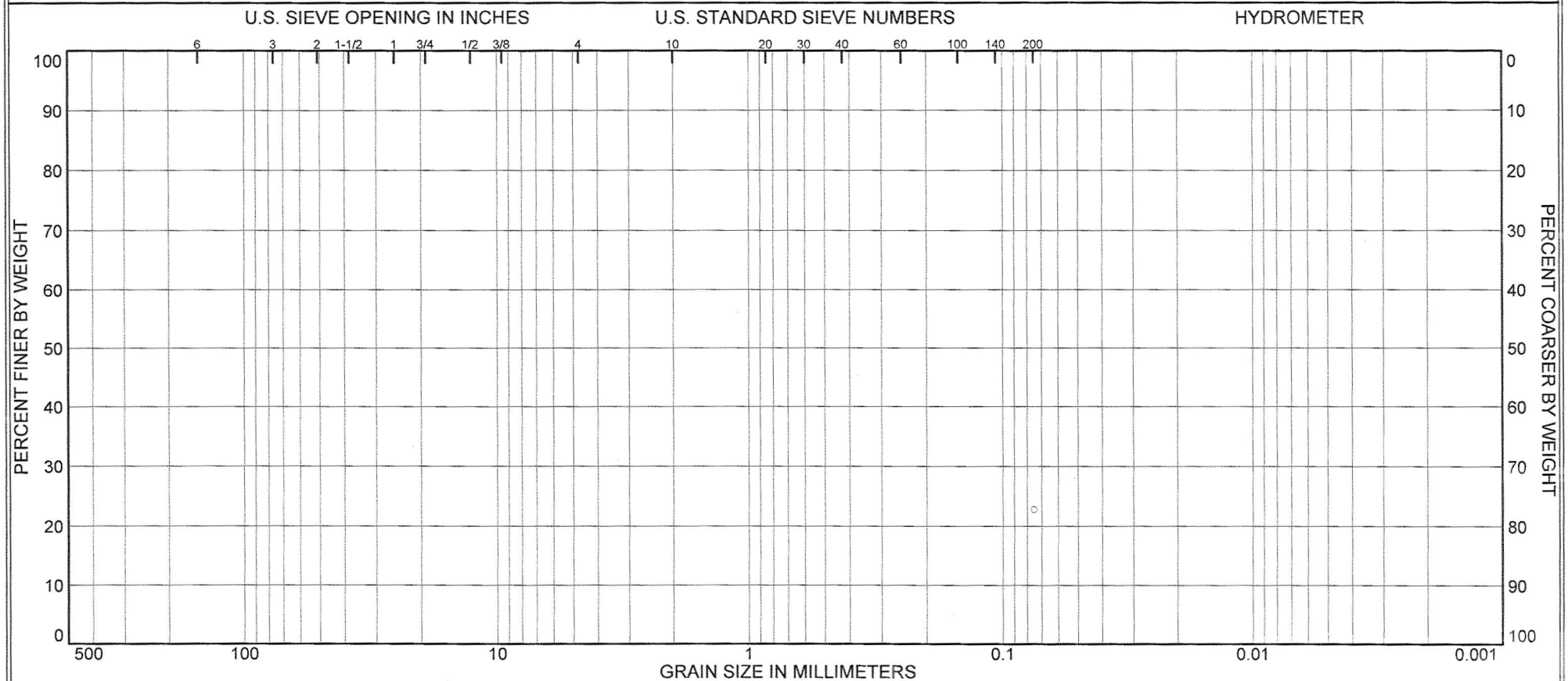
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7821

**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 |
| | | | | | | 22.8 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4026 | SS-11 | 33.5/188.04 | 2/5/2007 | | SAND, silty (SM) | | | |

Client GPC c/o SNOC

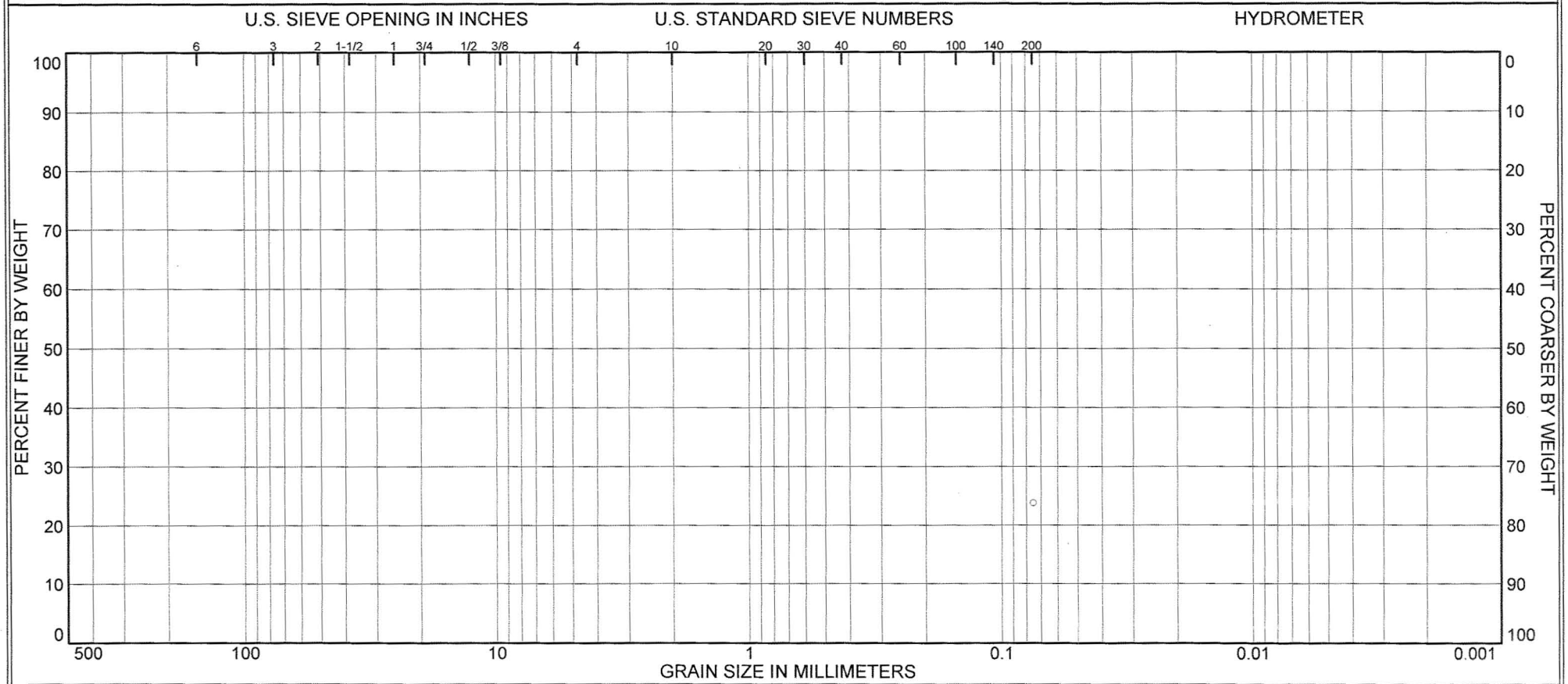
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7822

**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 |
| | | | | | | 23.8 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4026 | SS-15 | 53.5/168.04 | 2/5/2007 | | SAND, silty, clayey (SC-SM) | | | |

Client GPC c/o SNOC

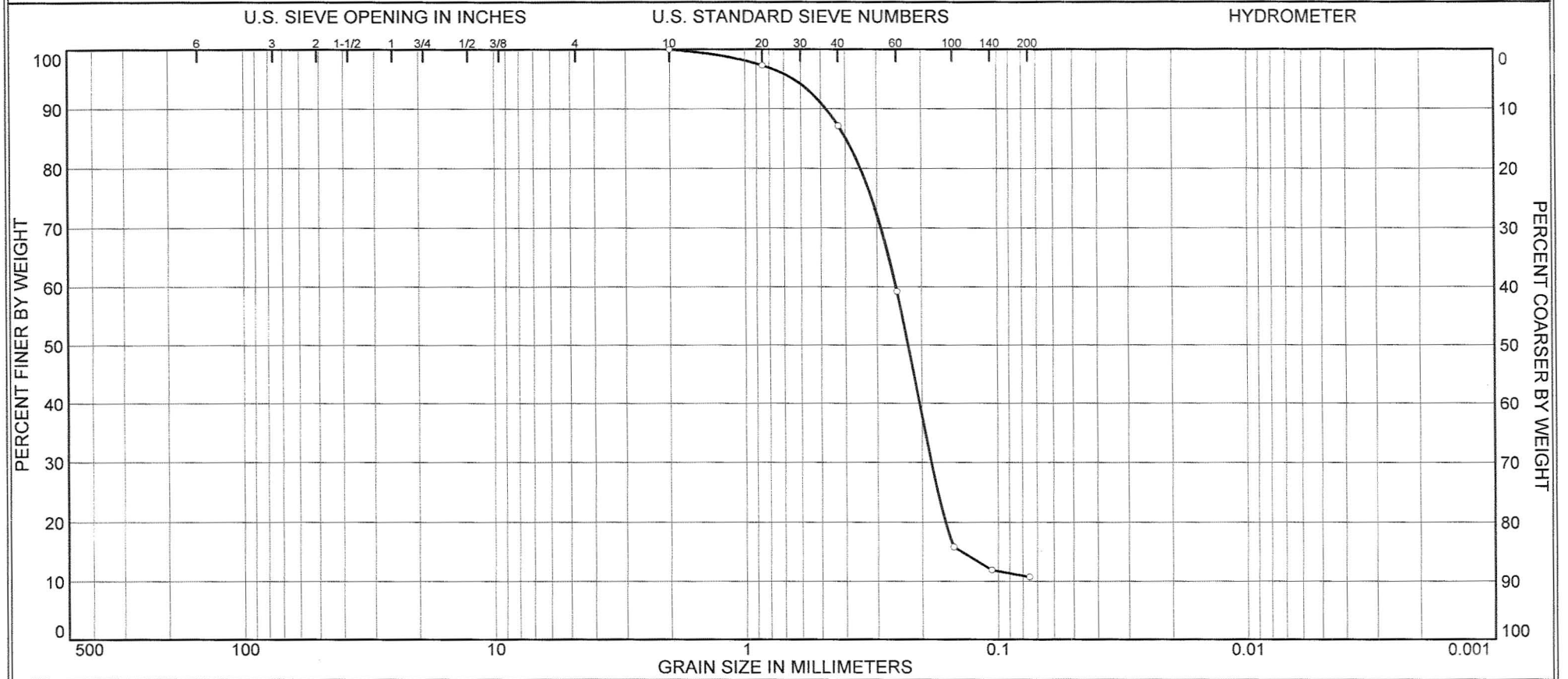
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7823

**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 | 12.9 | 76.4 | 10.7 | |

| | SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|---|
| ○ | B-4030 | UD-1 | 13.5/208.85 | 1/31/07 | SP-SM | SAND with silt (SP-SM) | | | |

Client GPC c/o SNOC

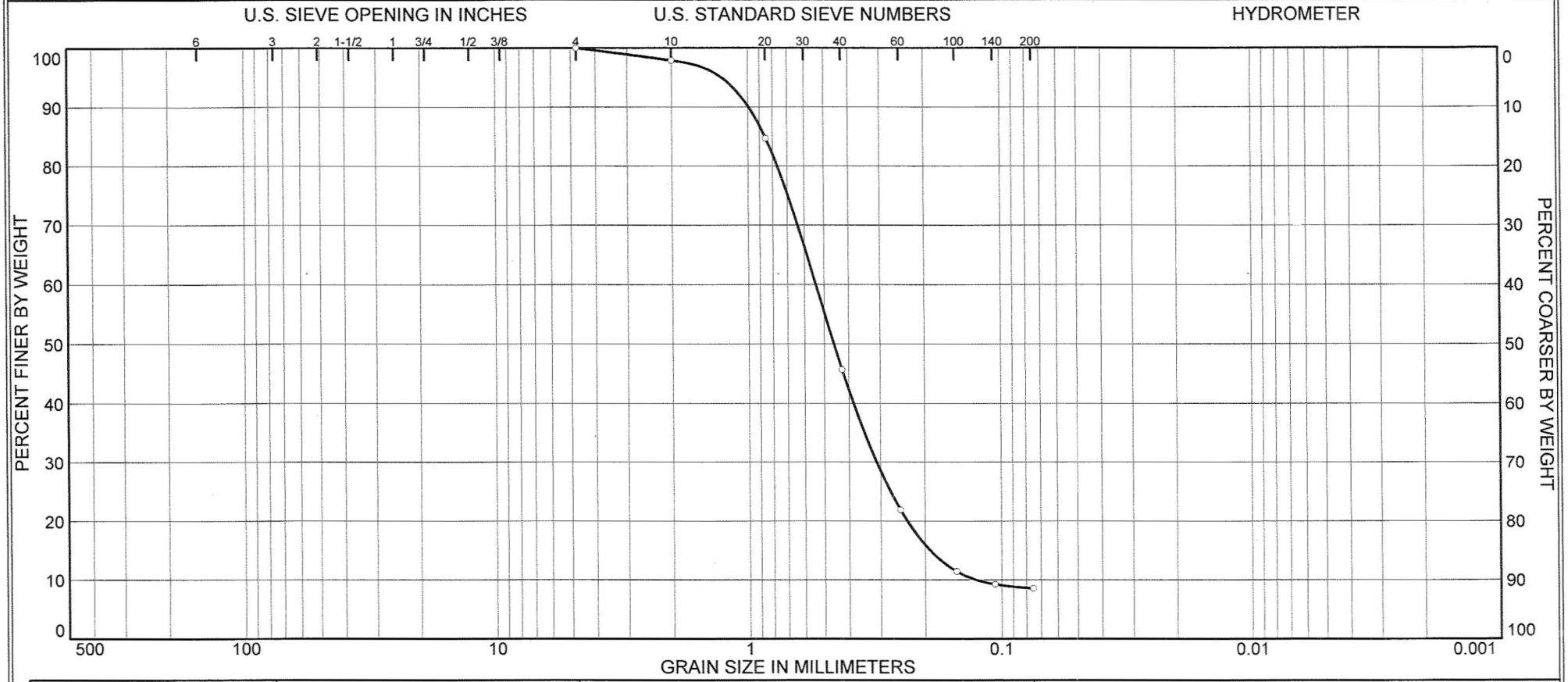
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7604

**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 | 2.1 | 52.2 | 37.2 | 8.5 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4030 | UD-2 | 28.5/193.85 | 1/31/07 | SP-SM | SAND with silt (SP-SM) | 12.5 | | |

Client GPC c/o SNOC

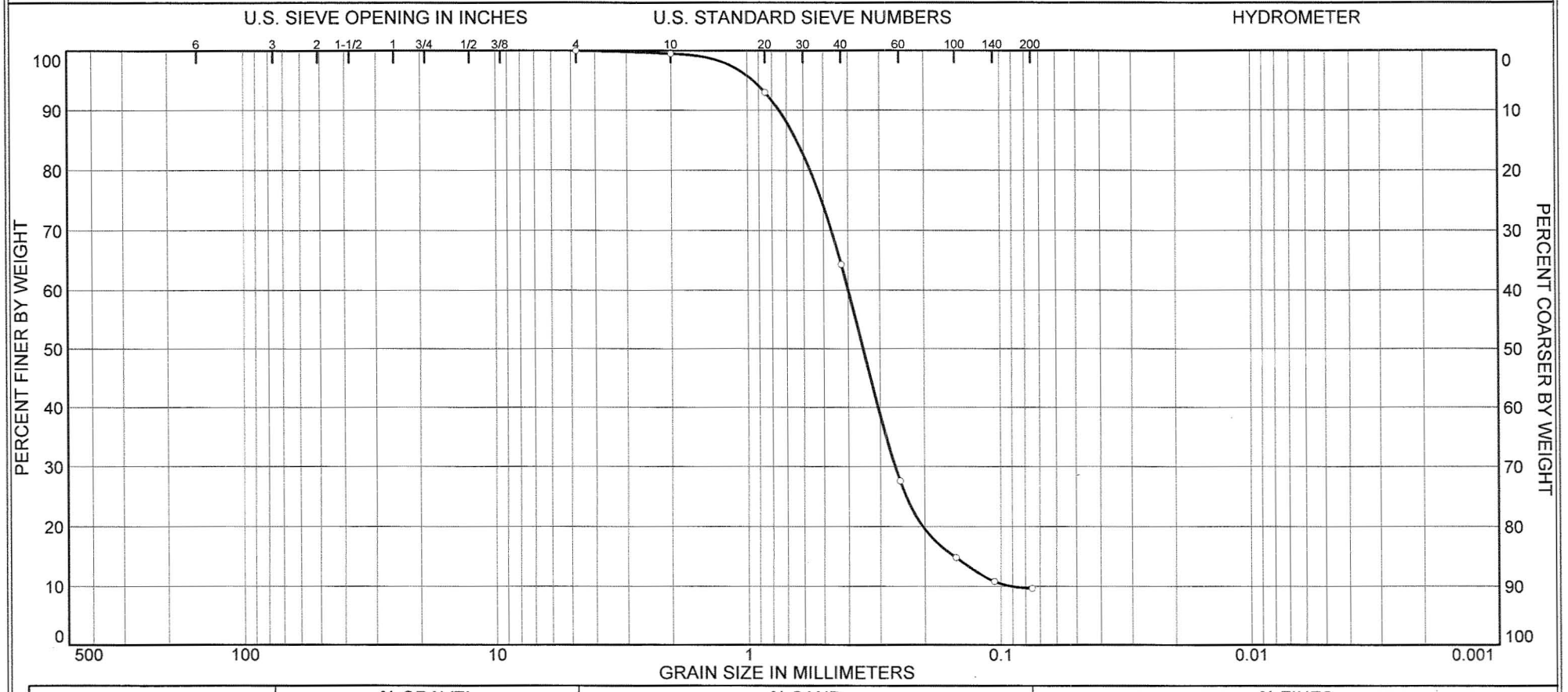
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7605

**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 | 0.5 | 35.2 | 54.7 | 9.6 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4030 | UD-3 | 33.5/188.85 | 1/31/07 | SP-SM | SAND with silt (SP-SM) | | | |

Client GPC c/o SNOC

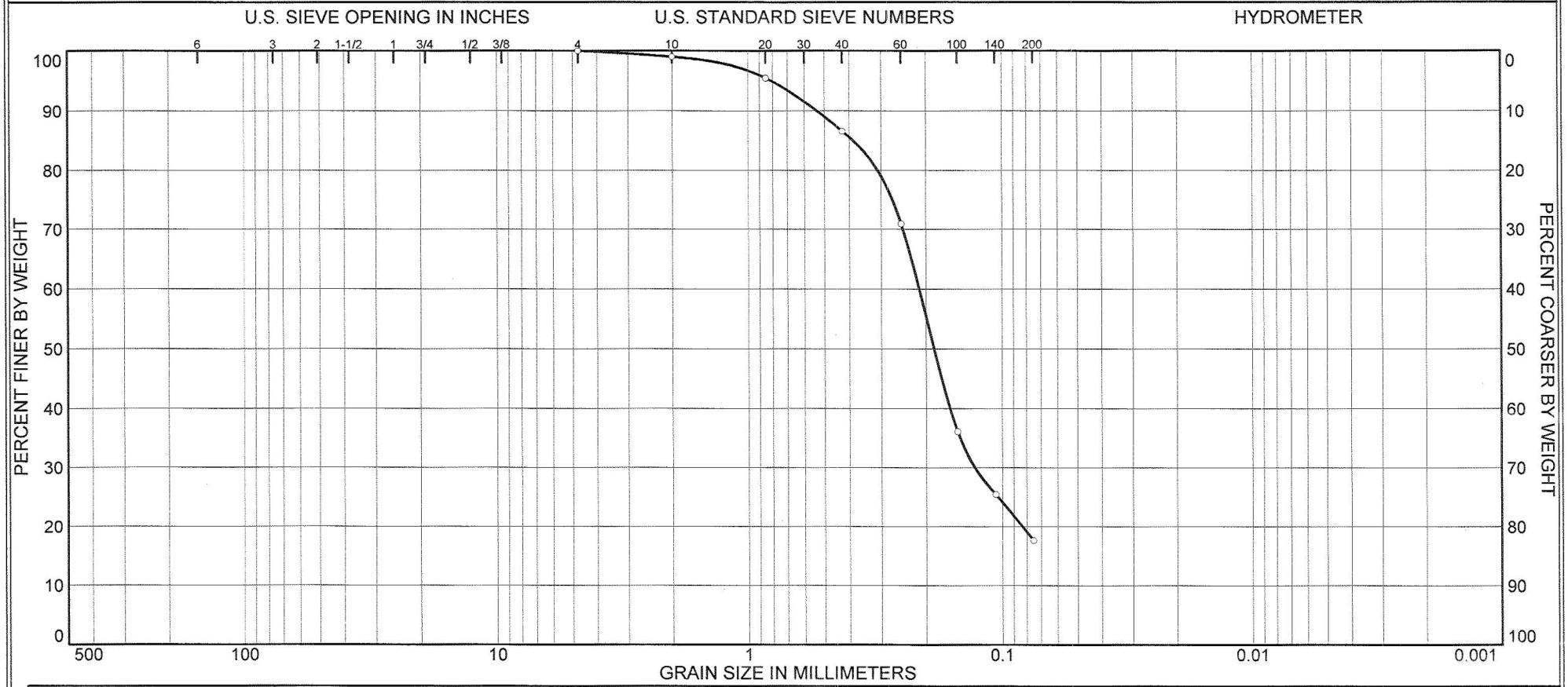
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7606

**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 | 1.0 | 12.4 | 69.0 | 17.6 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4031 | UD-1 | 28.5/193.63 | 2/18/07 | SM | SAND, silty (SM) | | | |

Client GPC c/o SNOC

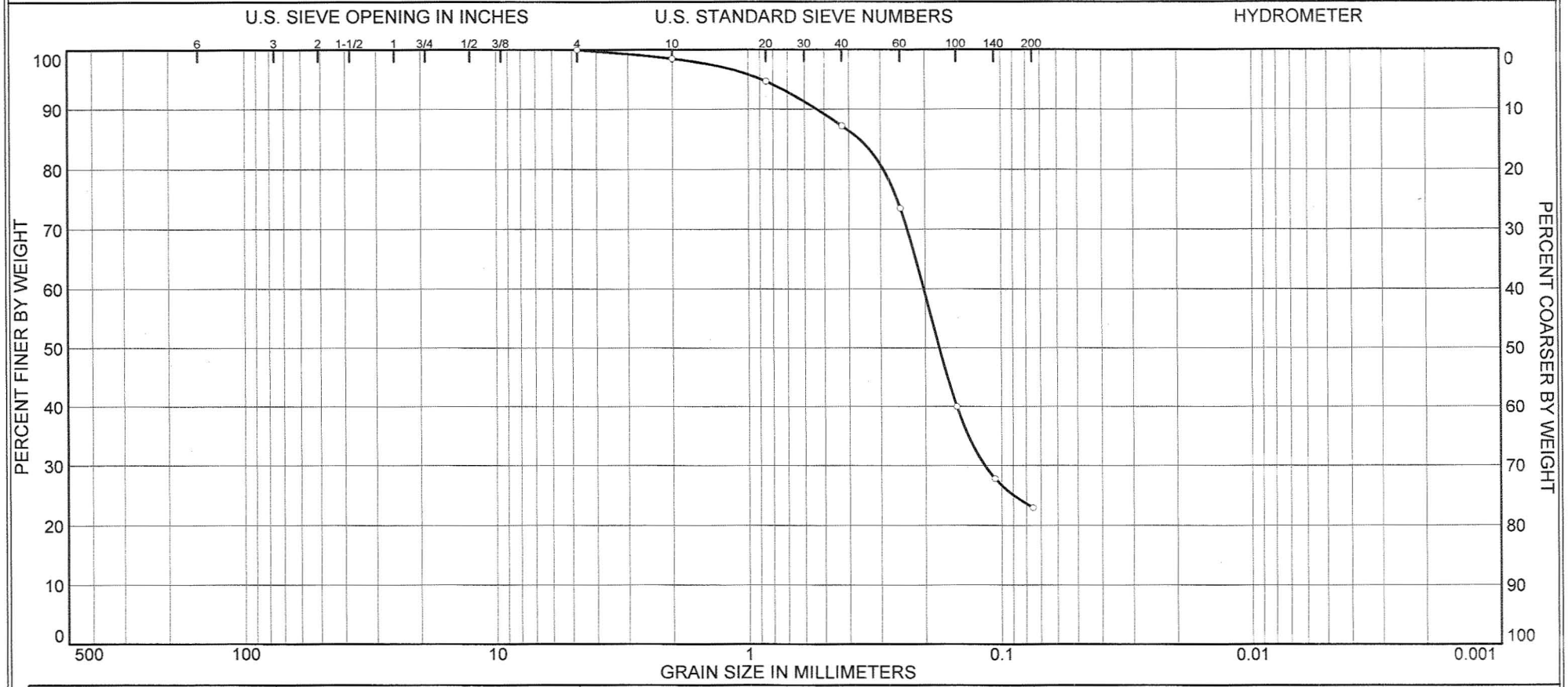
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7610

**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 | 1.5 | 11.3 | 64.3 | 22.9 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4032 | UD-1 | 28.5/191.74 | 2/13/07 | SM | SAND, silty (SM) | | | |

Client GPC c/o SNOC

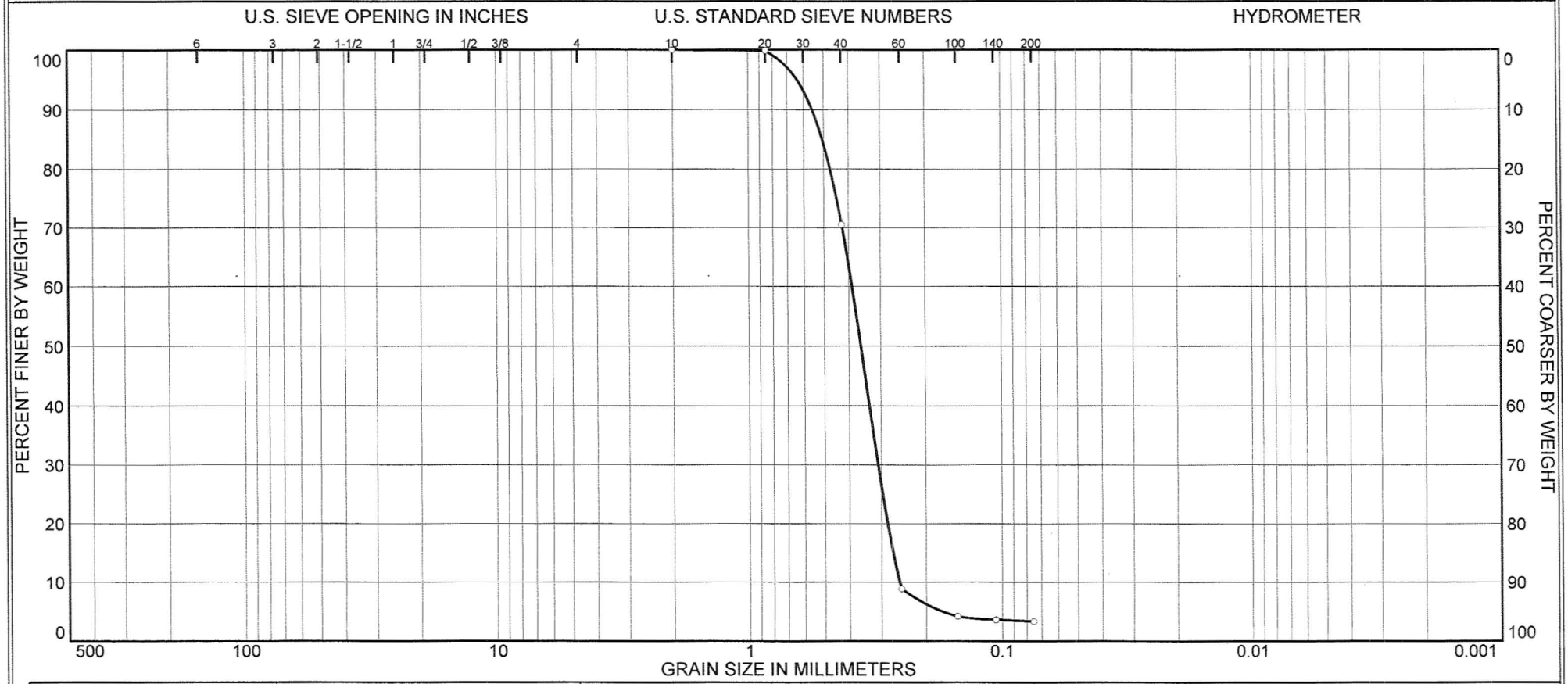
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7613

**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 | 29.5 | 67.2 | 3.3 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4032A | UD-1 | 38.5/181.72 | 2/14/07 | | SAND (SP) | 19.2 | | |

Client GPC c/o SNOC

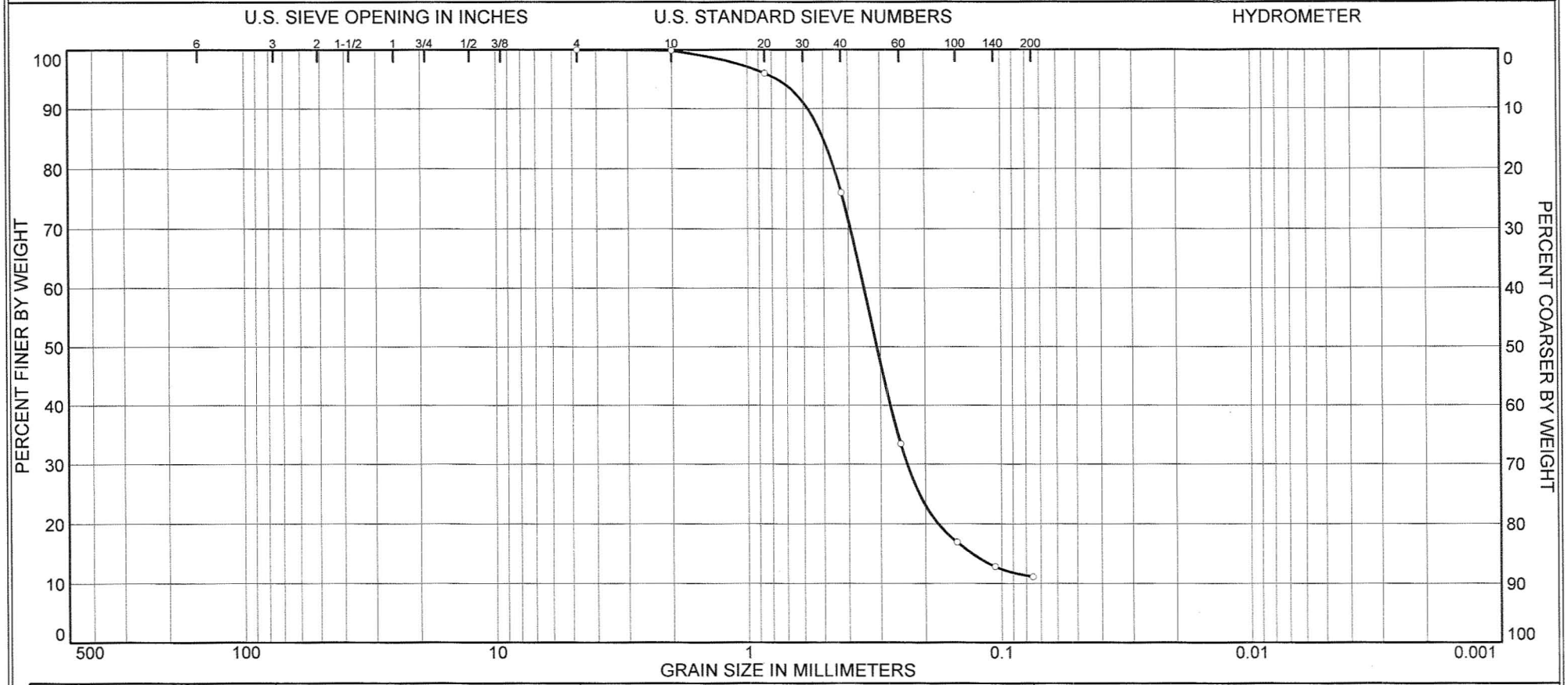
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7615

**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 | 23.9 | 64.9 | 11.1 | |

| SOURCE | SAMPLE # | DEPTH/ELEV. | DATE SAMPLED | USCS | MATERIAL DESCRIPTION | NM % | LL | PL |
|---|---|---|---|---|---|---|---|---|
| B-4033 | UD-1 | 28.5/191.43 | 2/8/07 | SP-SM | SAND with silt (SP-SM) | | | |

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7616

**MACTEC ENGINEERING AND CONSULTING, INC.**

Tested by: EH Reviewed by: HJ