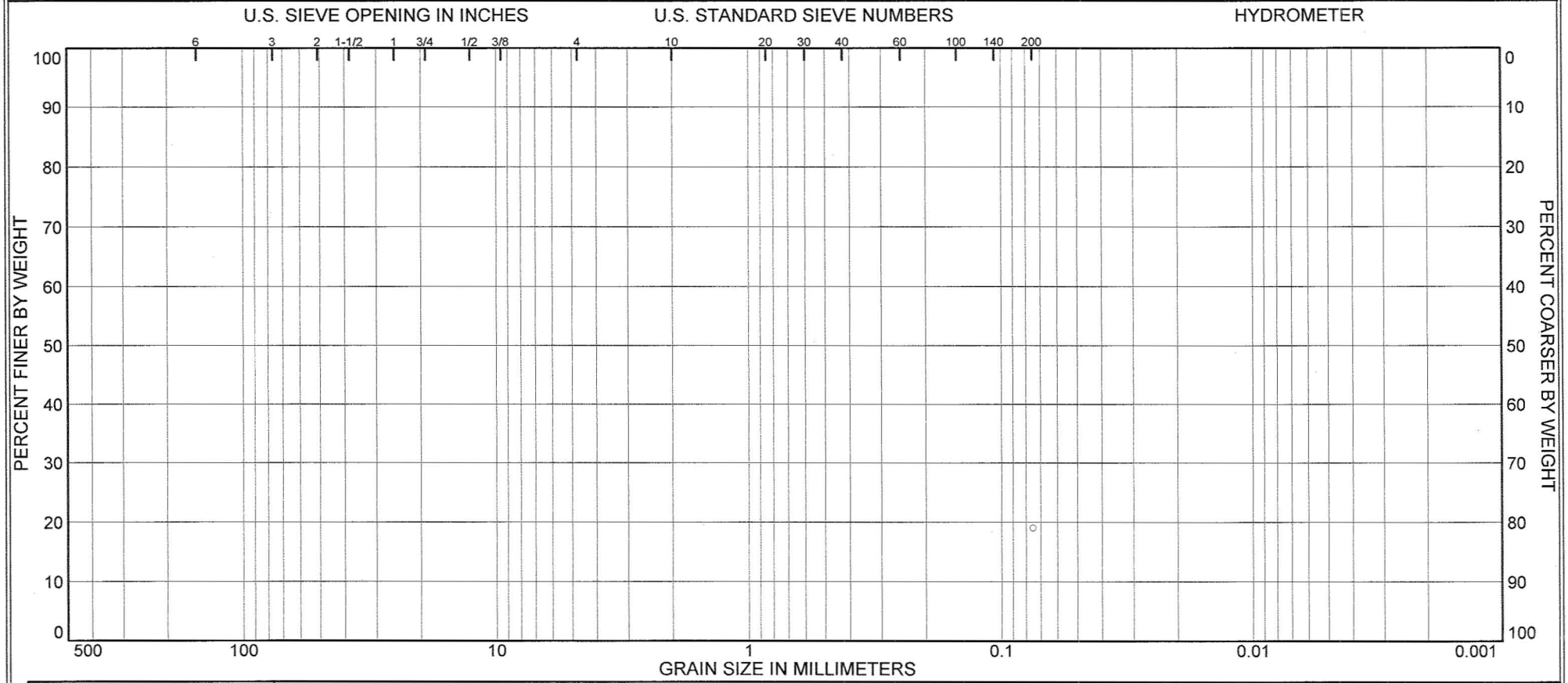
Particle Size Distribution Report



	% COBBLES	% GRAVEL		% SAND			% FINES	
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
○							19.0	

	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
○	B-4007	SS-3	3.5/214.40	1/24/07		SAND, clayey (SC)			

Client GPC c/o SNOC

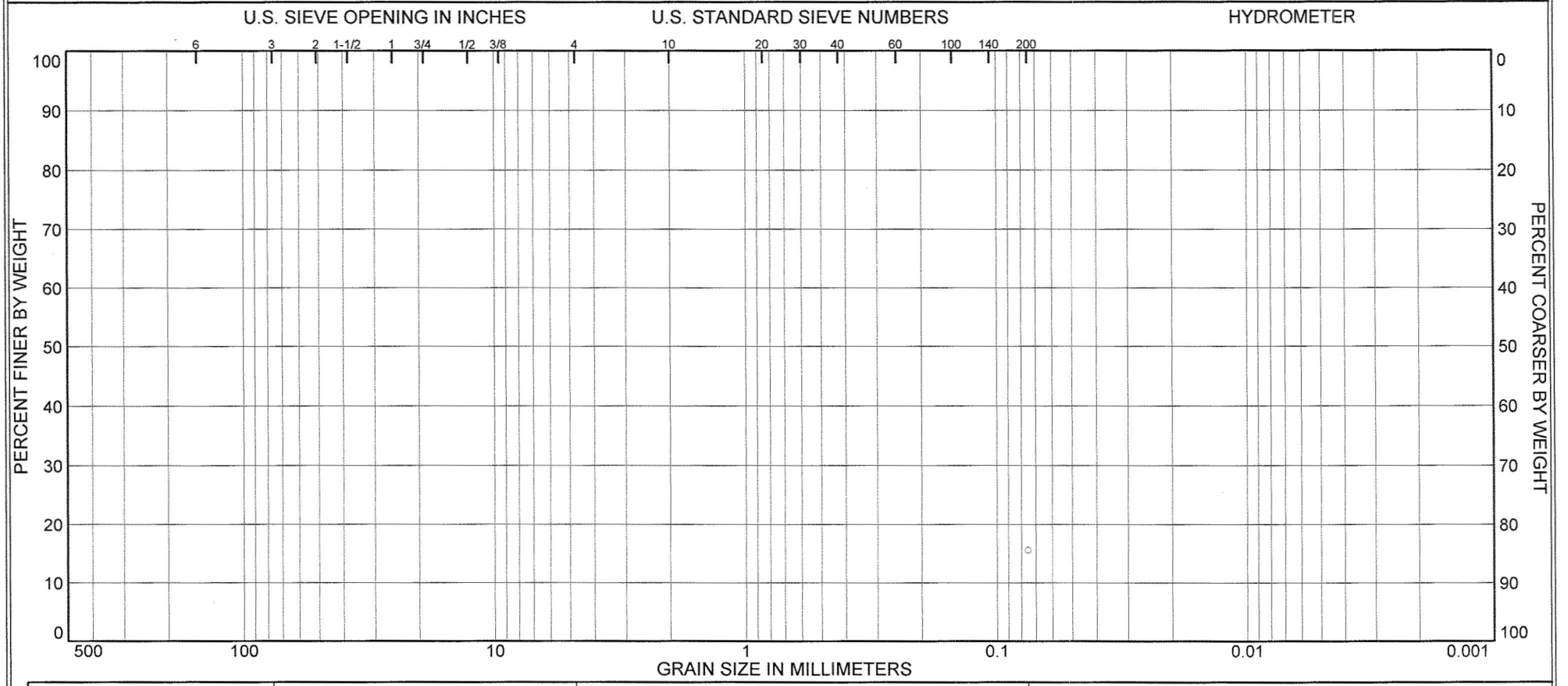
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7775

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
						15.6	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	SS-10	28.5/189.40	1/24/07		SAND, clayey (SC)			

Client GPC c/o SNOC

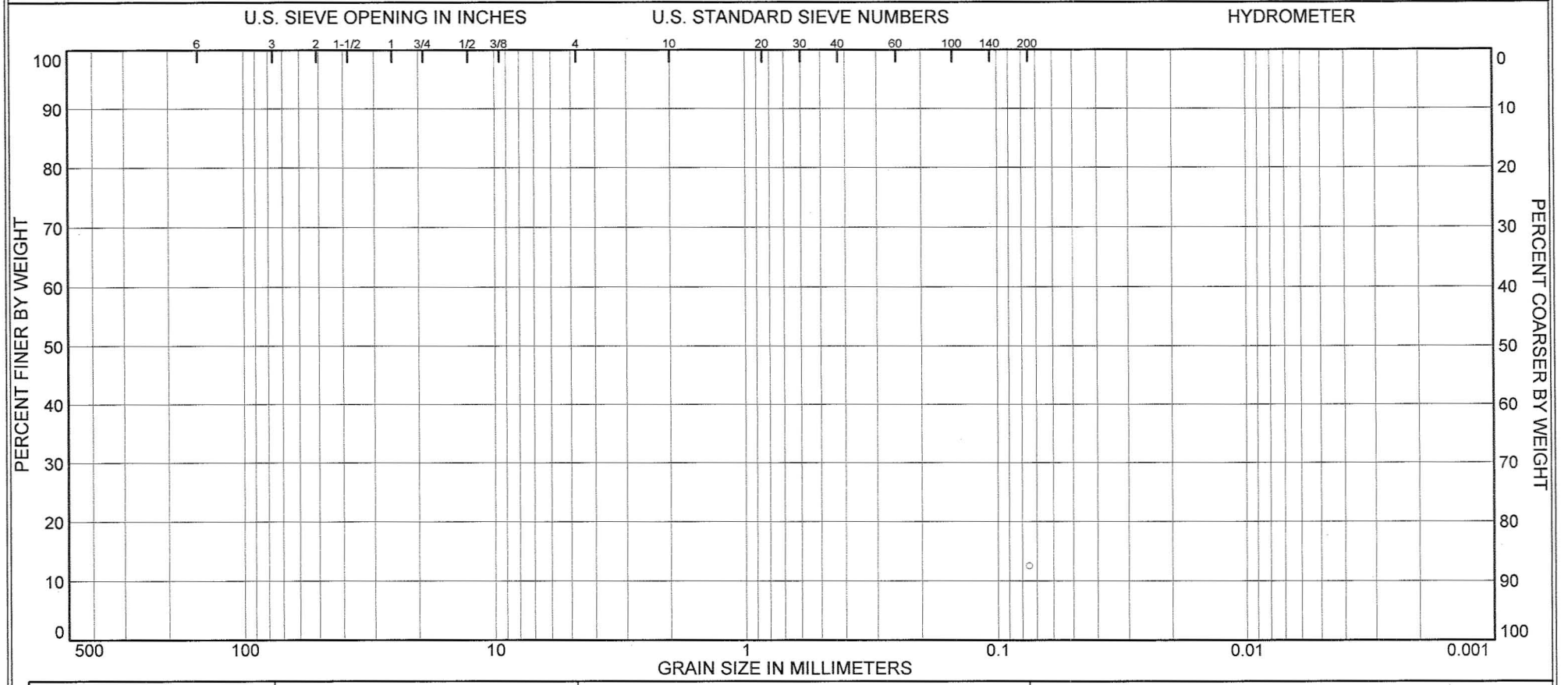
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7776

MACTEC ENGINEERING AND CONSULTING, INC.

Tested by: EH Tested by: HJ

Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
						12.5	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	SS-16	58.5/159.40	1/24/07		SAND, clayey (SC)			

Client GPC c/o SNOC

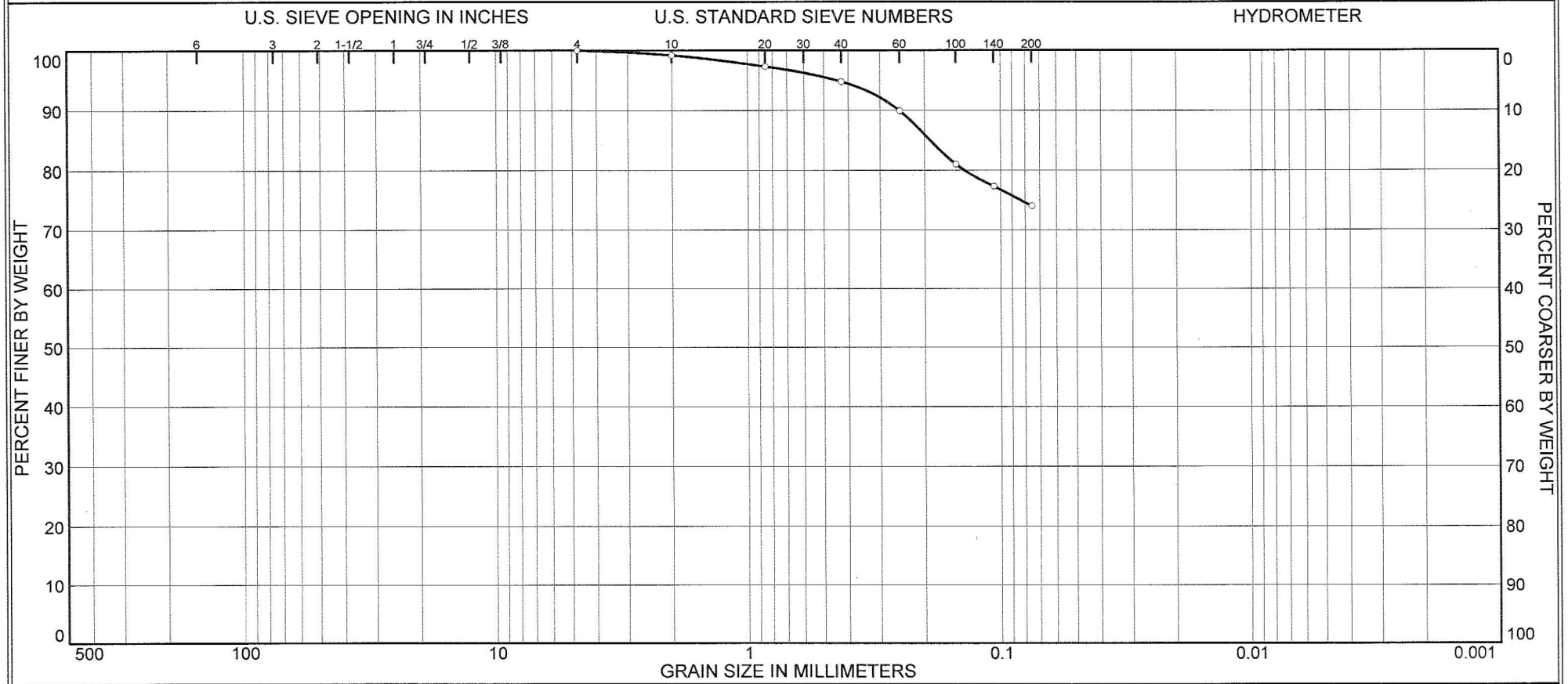
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7777

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	0.8	4.4	20.8	74.0	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	SS-25	108.5/109.40	1/25/07	MH	SILT, with sand (MH)	40.3	87	48

Client GPC c/o SNOC

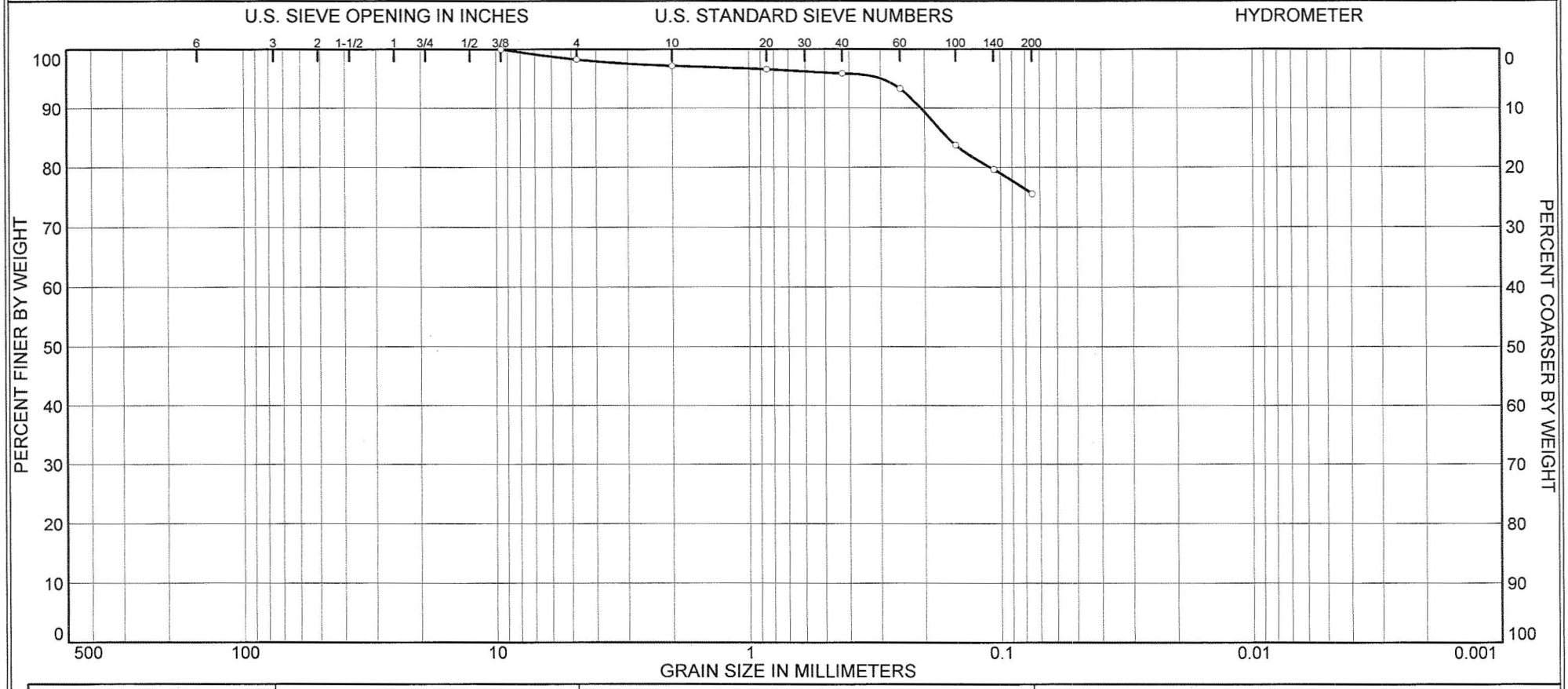
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7778

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	1.7	1.1	1.3	20.4	75.5	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	SS-28	128.5/89.40	1/26/07	MH	SILT, with sand (MH)	38.3	66	34

Client GPC c/o SNOC

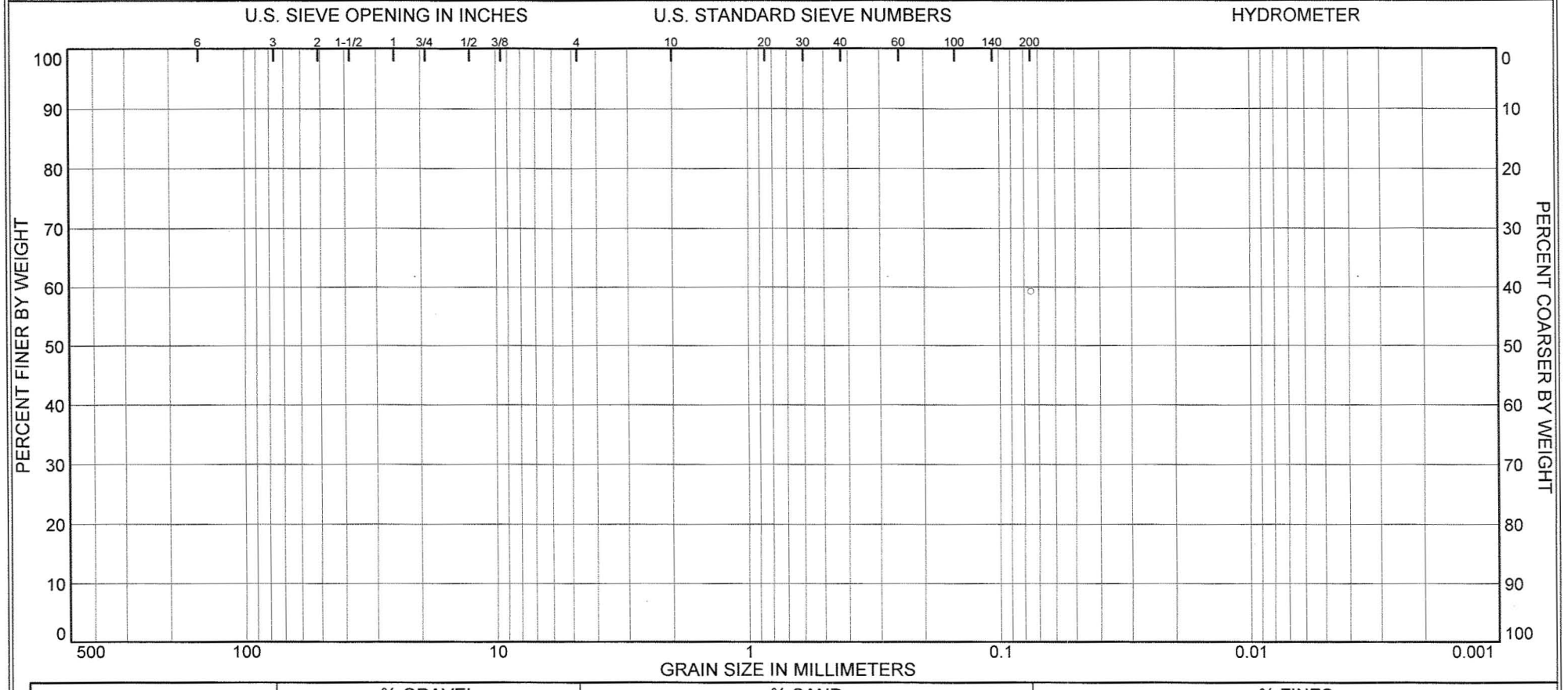
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7779

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
						59.3	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	UD-1	98.5/119.40	1/25/07		SILT (MH)		95	52

Client GPC c/o SNOC

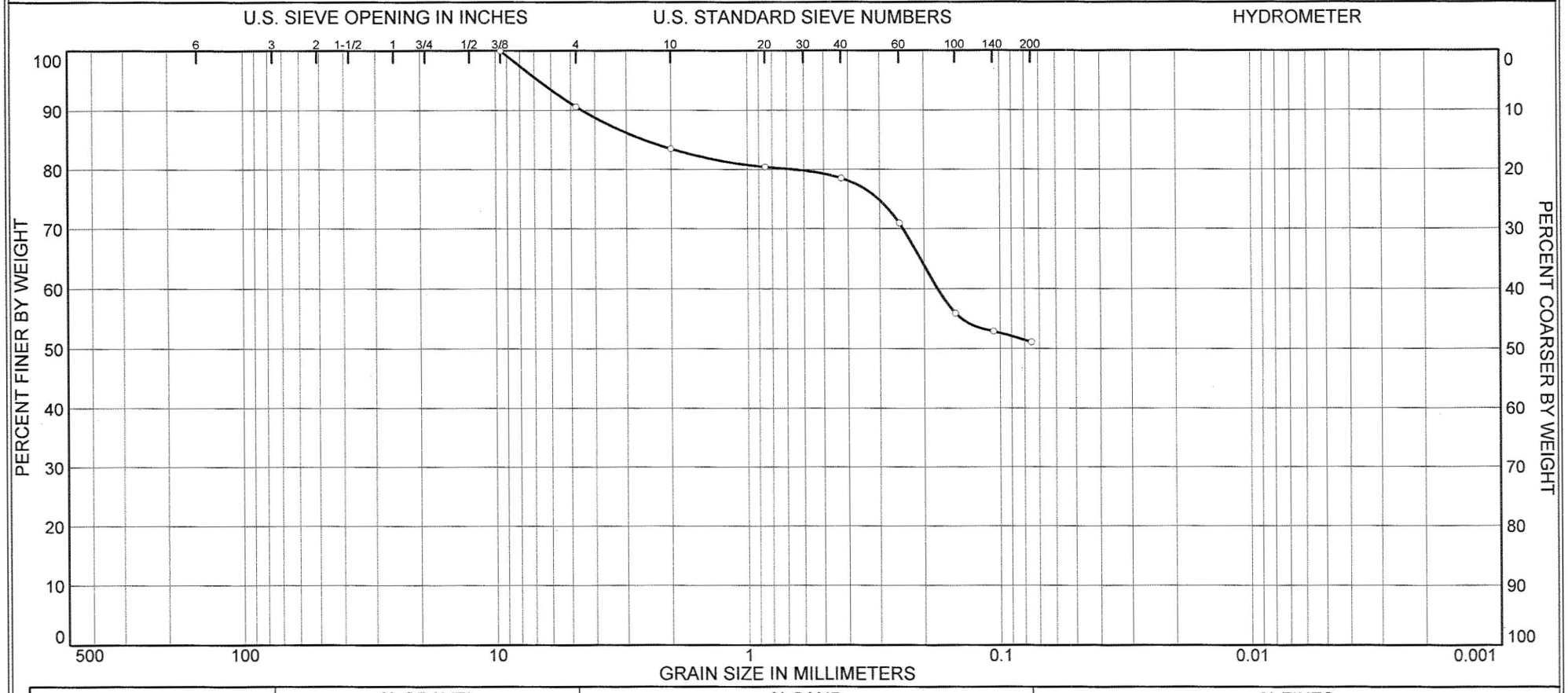
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7568

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	9.4	7.1	5.0	27.4	51.1	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4007	UD-2	118.5/99.40	1/26/07	CH	CLAY sandy (CH)		53	27

Client GPC c/o SNOC

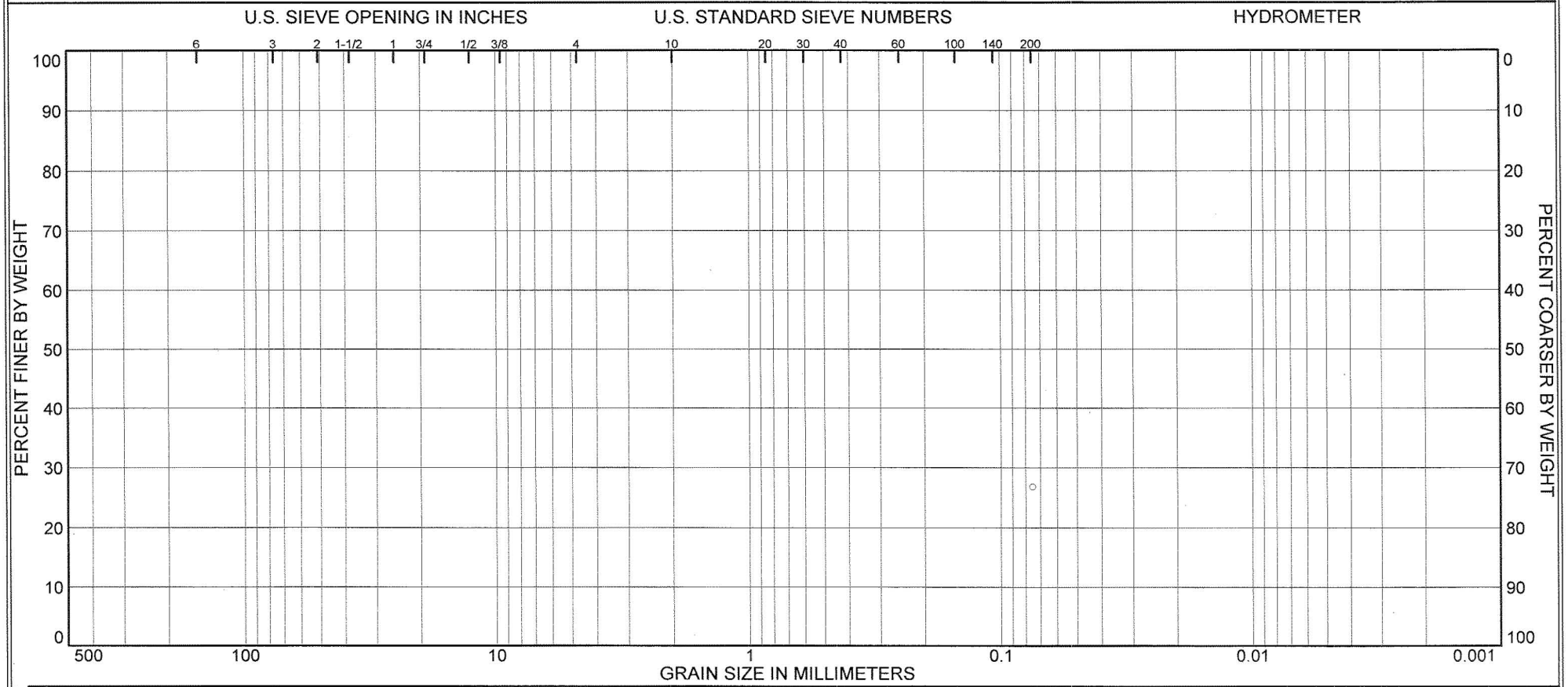
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7569

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
○							26.8	

	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
○	B-4008	SS-4	6.0/212.08	1/31/07		SAND, clayey (SC)			

Client GPC c/o SNOC

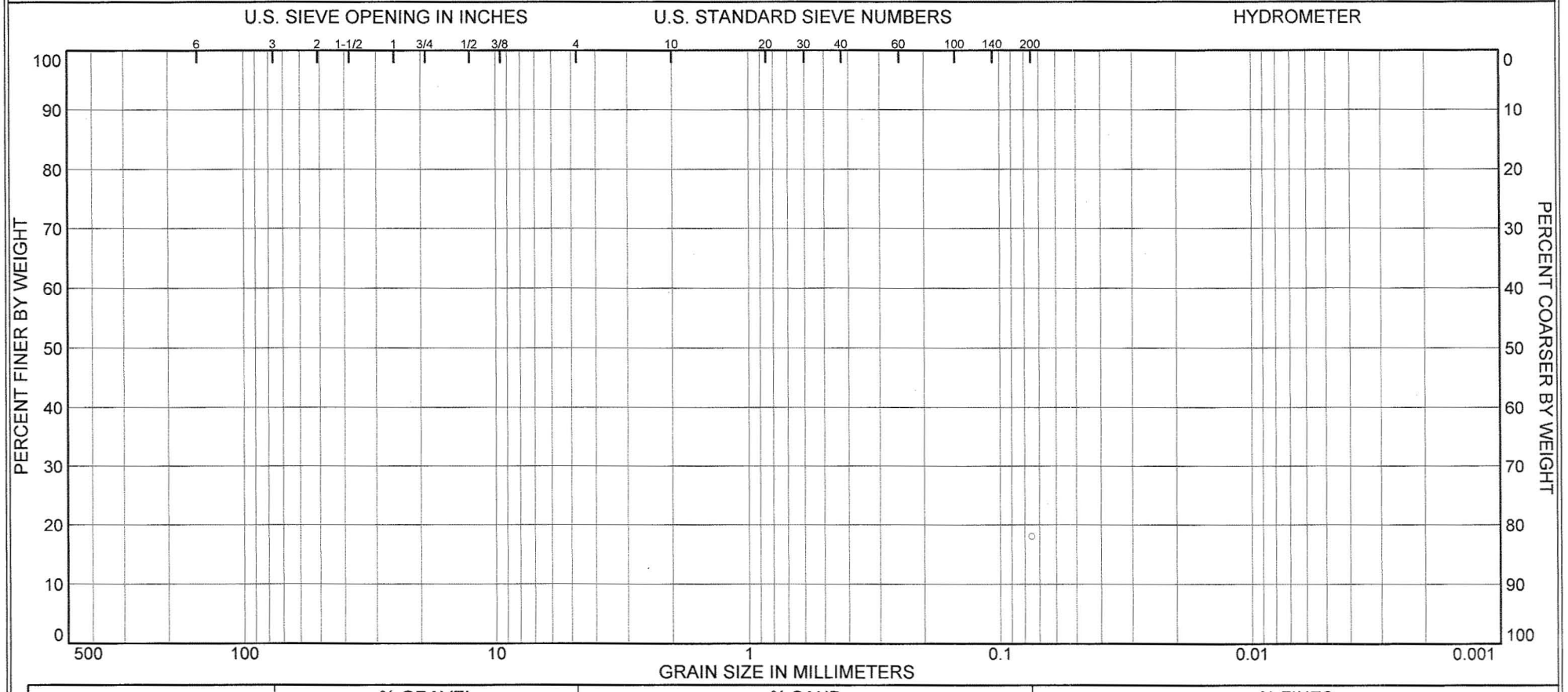
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7780

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
						18.0	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4008	SS-7	13.5/204.58	1/31/07		SAND, silty (SM)			

Client GPC c/o SNOC

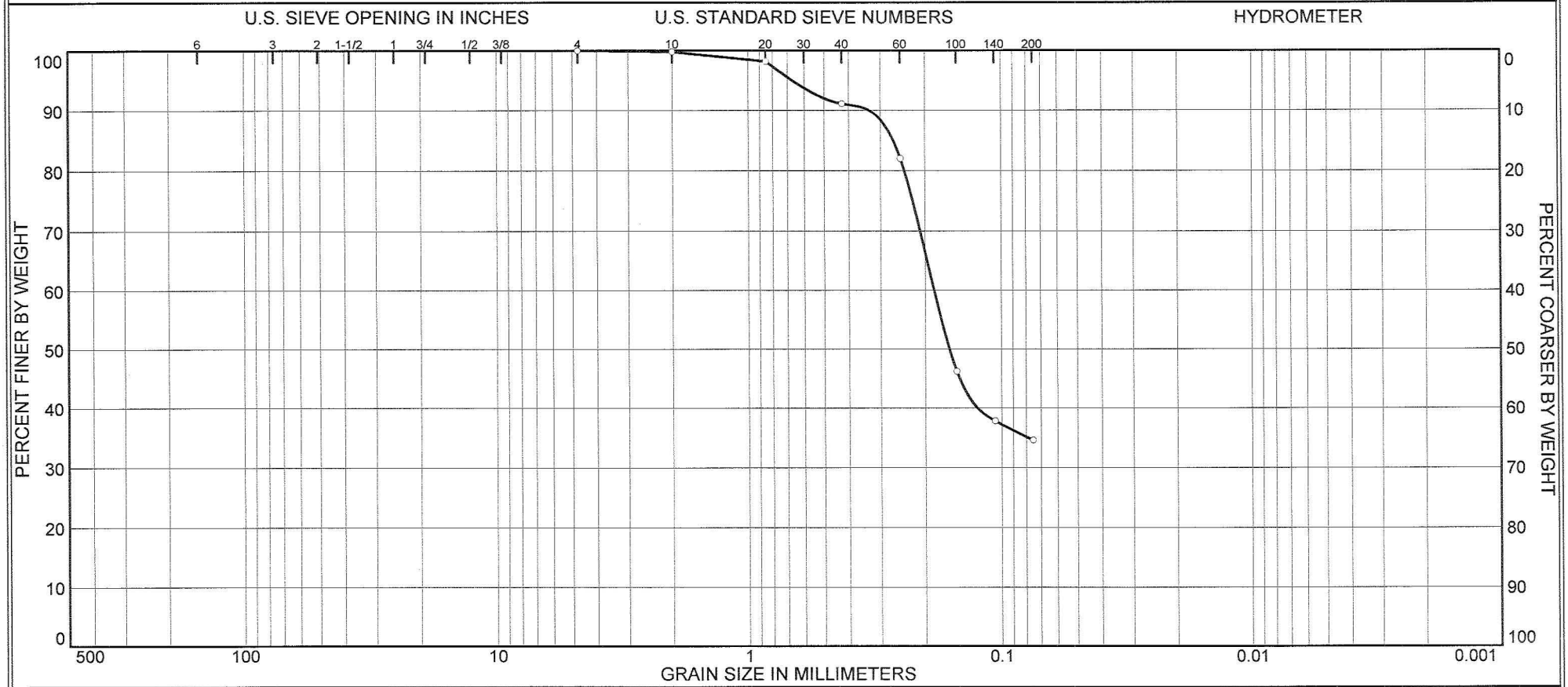
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7781

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	0.2	8.7	56.5	34.6	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4008	SS-12	38.5/179.58	1/31/07	SM	SAND, silty (SM)	45.9	81	53

Client GPC c/o SNOC

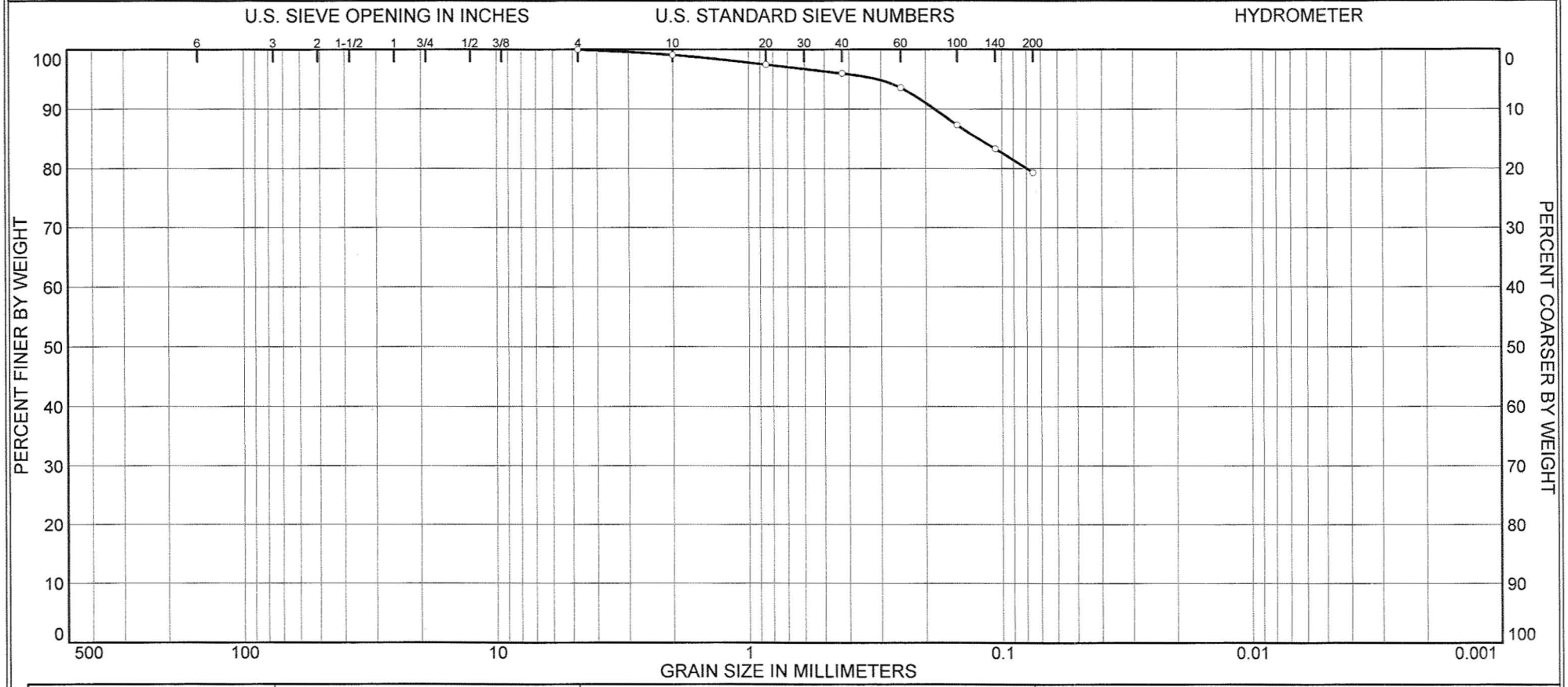
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7782

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	0.9	3.1	16.7	79.3	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4008	SS-24	108.5/109.58	2/20/07	MH	SILT, with sand (MH)	46.4	96	43

Client GPC c/o SNOC

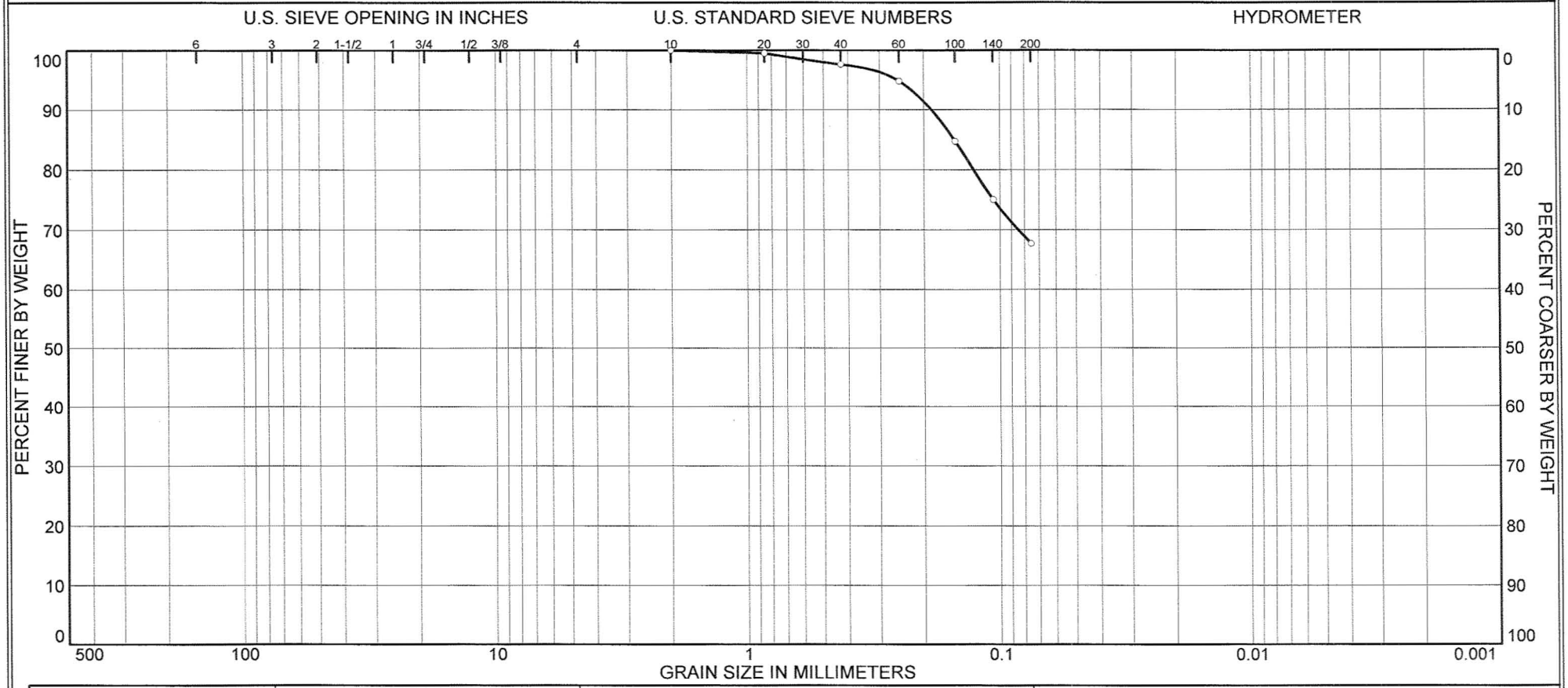
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7783

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	2.4	29.9	67.7	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-4008	SS-31	153.5/64.58	2/21/07	CL	CLAY, sandy (CL)	26.6	47	23

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7784

MACTEC ENGINEERING AND CONSULTING, INC.

Tested by: EH Reviewed by: HJ