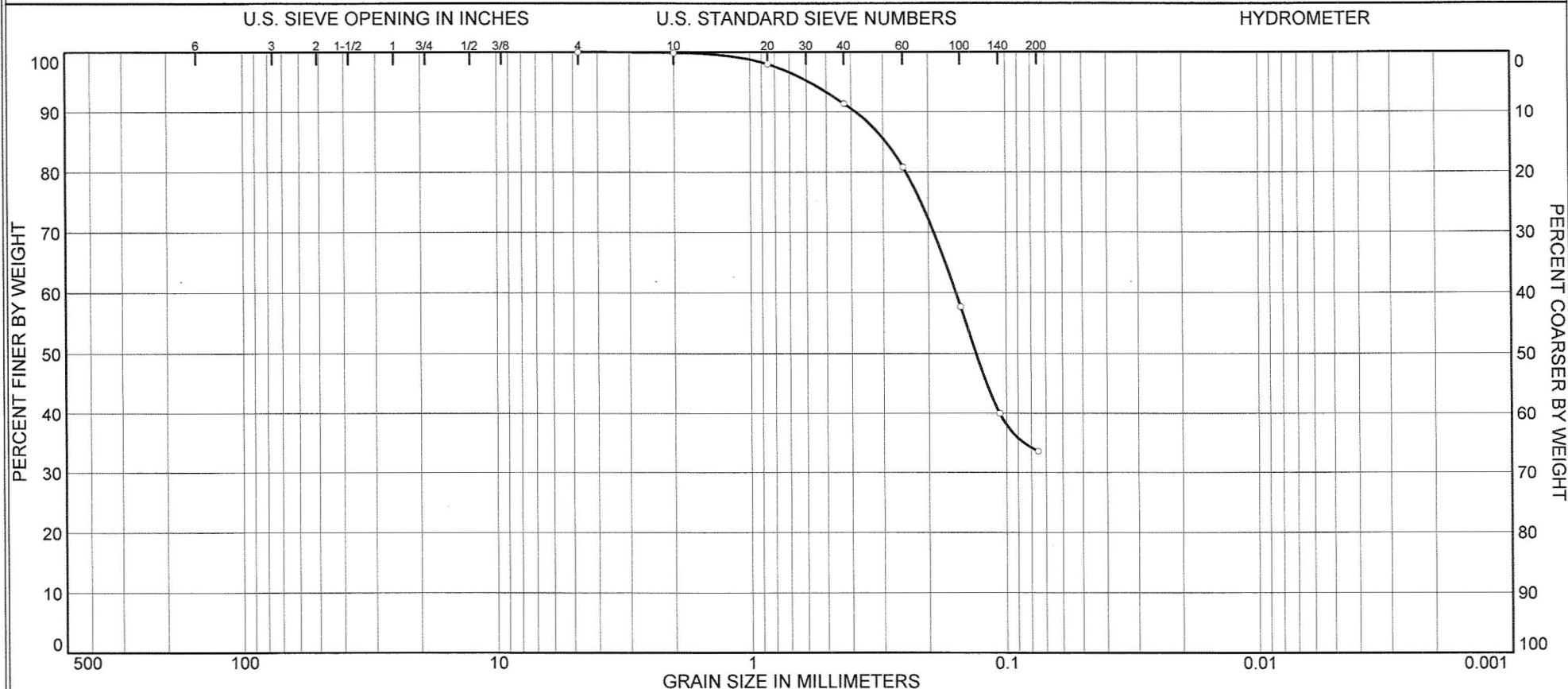


Particle Size Distribution Report

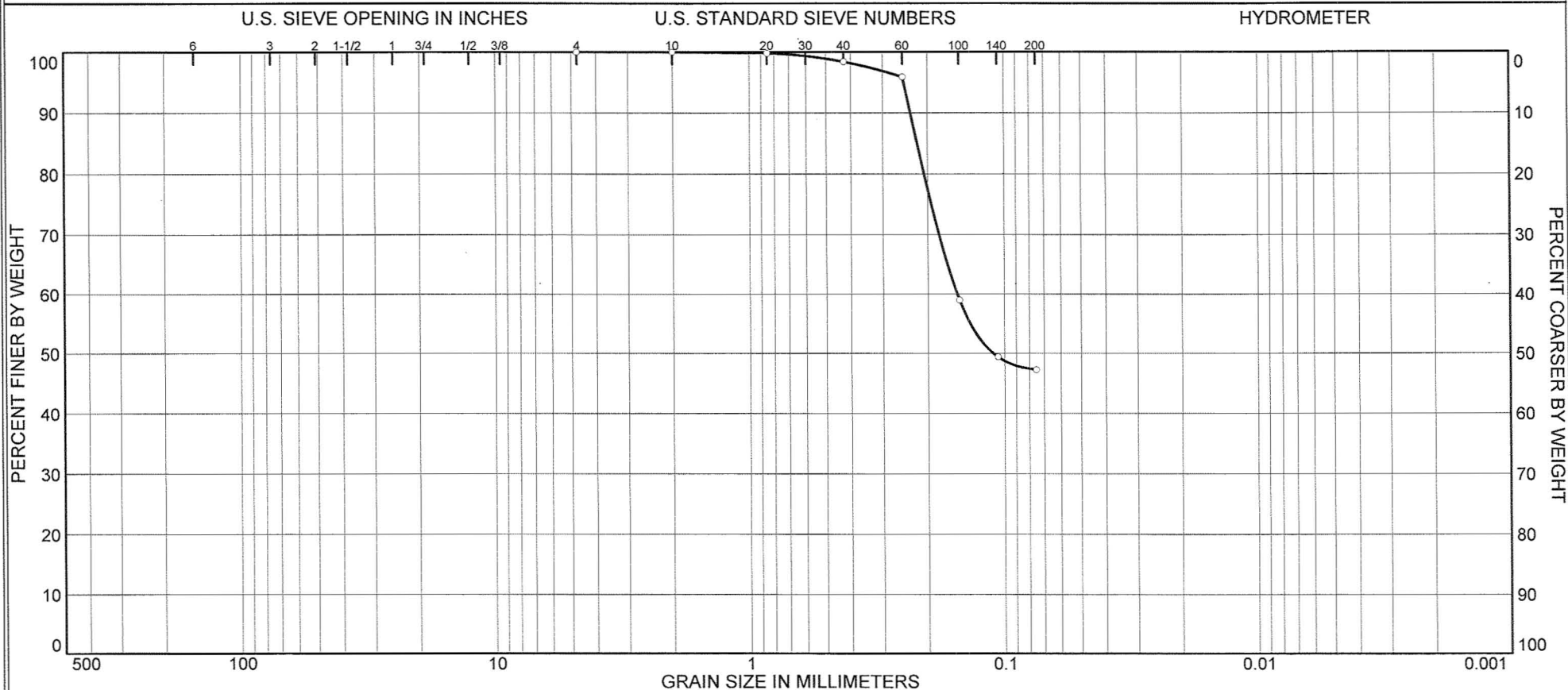


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.1	8.5	57.8	33.6	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6021	SS-7	13.5/196.30	4/3/07	SM	SAND, silty (SM)		47	28

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH	Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project				
Project No. 6141-06-0286	Figure 7832			

Particle Size Distribution Report

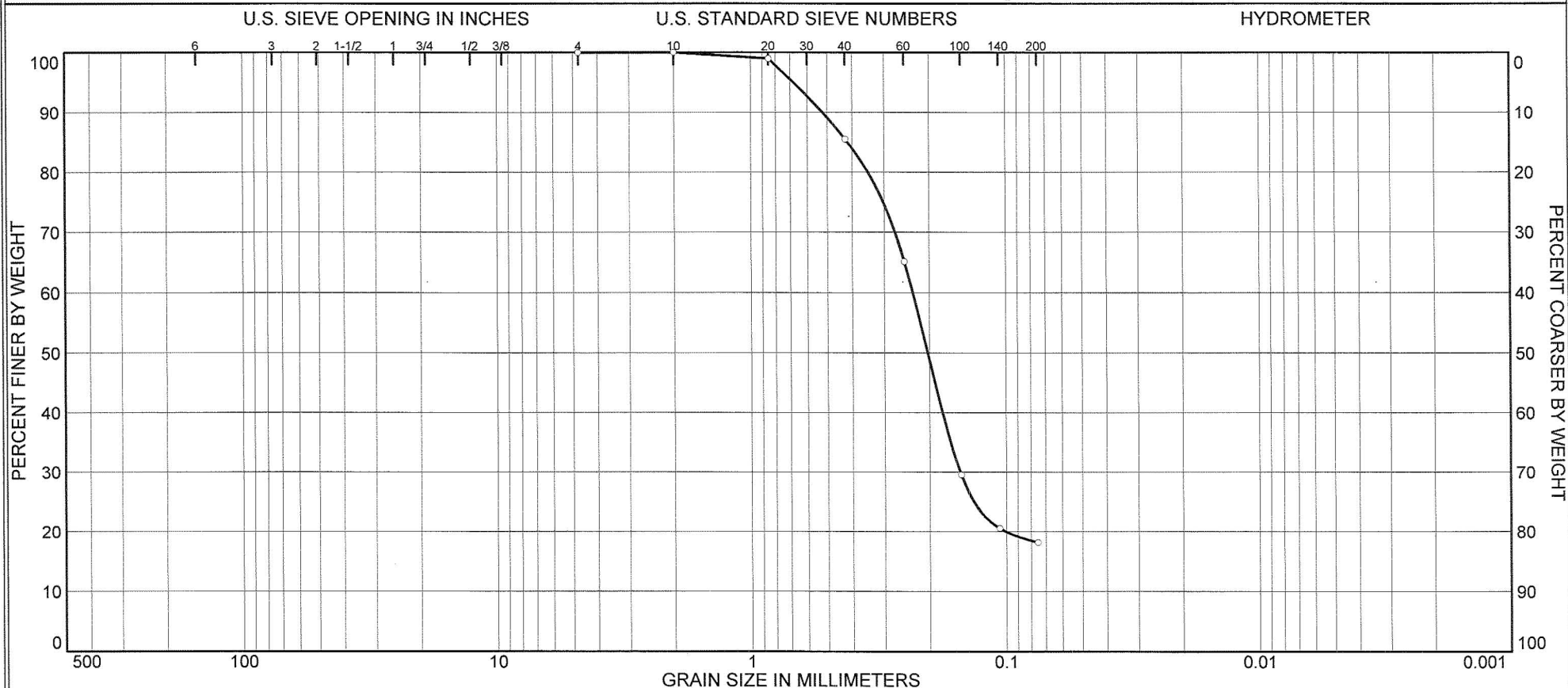


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	1.6	51.1	47.3	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6022	SS-12	38.5/177.73	4/9/07	SM	SAND, silty (SM)	41.8	82	41

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH	Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project				
Project No. 6141-06-0286	Figure 7833			

Particle Size Distribution Report

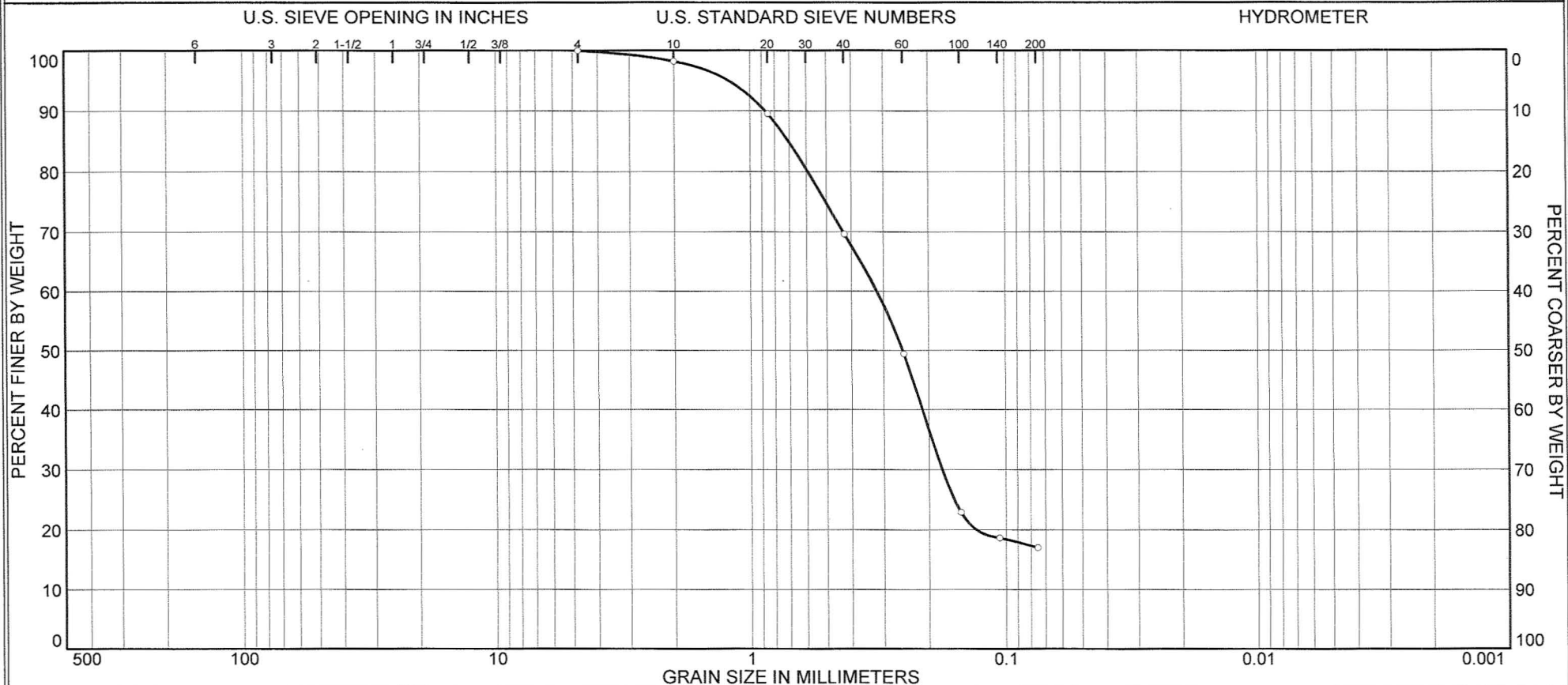


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	14.5	67.4	18.1	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6022	SS-14	48.5/167.73	4/9/07	SC	SAND, clayey (SC)	27.4	68	29

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH	Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project				
Project No. 6141-06-0286	Figure 7834			

Particle Size Distribution Report

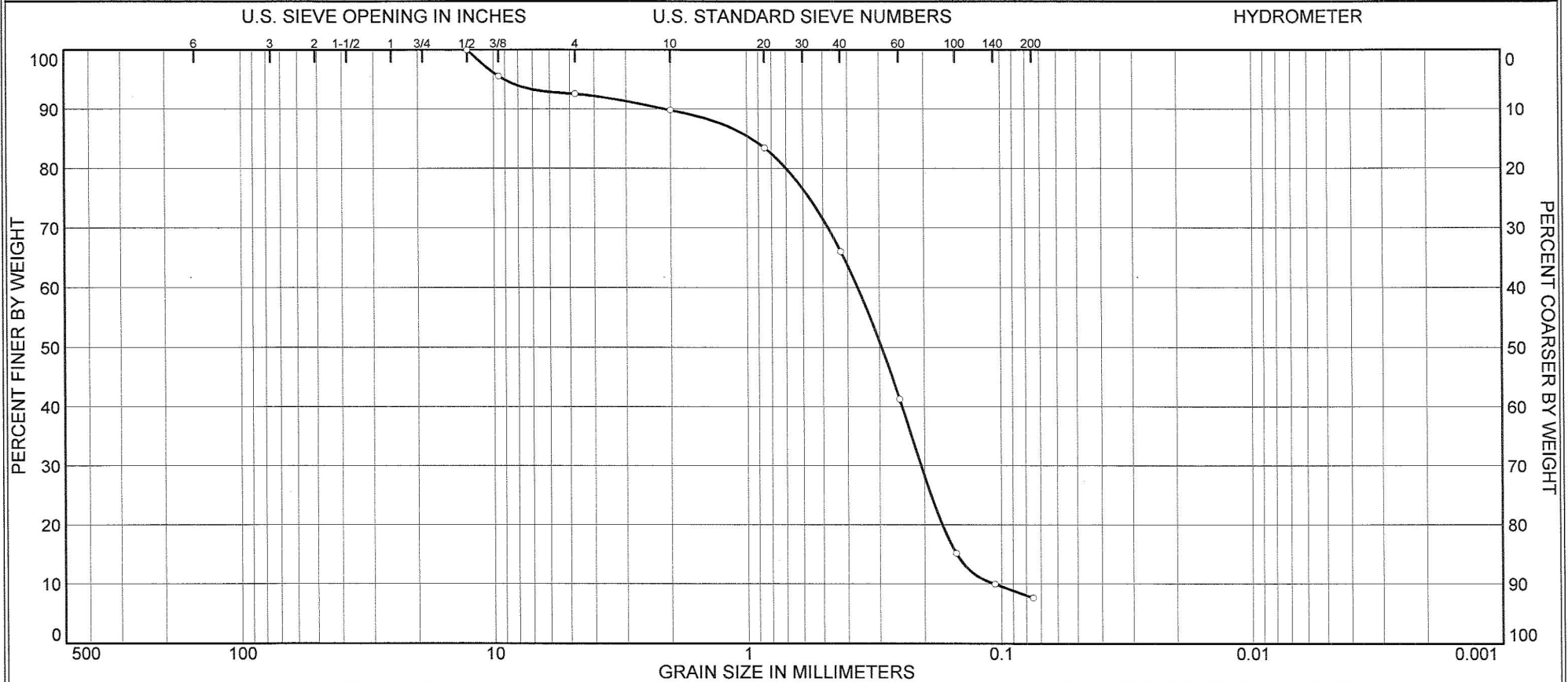


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	1.8	28.6	52.6	17.0	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6023	SS-5	8.5/194.27	4/4/07	SC	SAND, clayey (SC)		36	17

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH	Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project				
Project No. 6141-06-0286	Figure 7835			

Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	7.4	2.8	23.8	58.4	7.6	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-3	7.5/89.15	4/17/07		SAND with silt (SP-SM)	21.2		

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

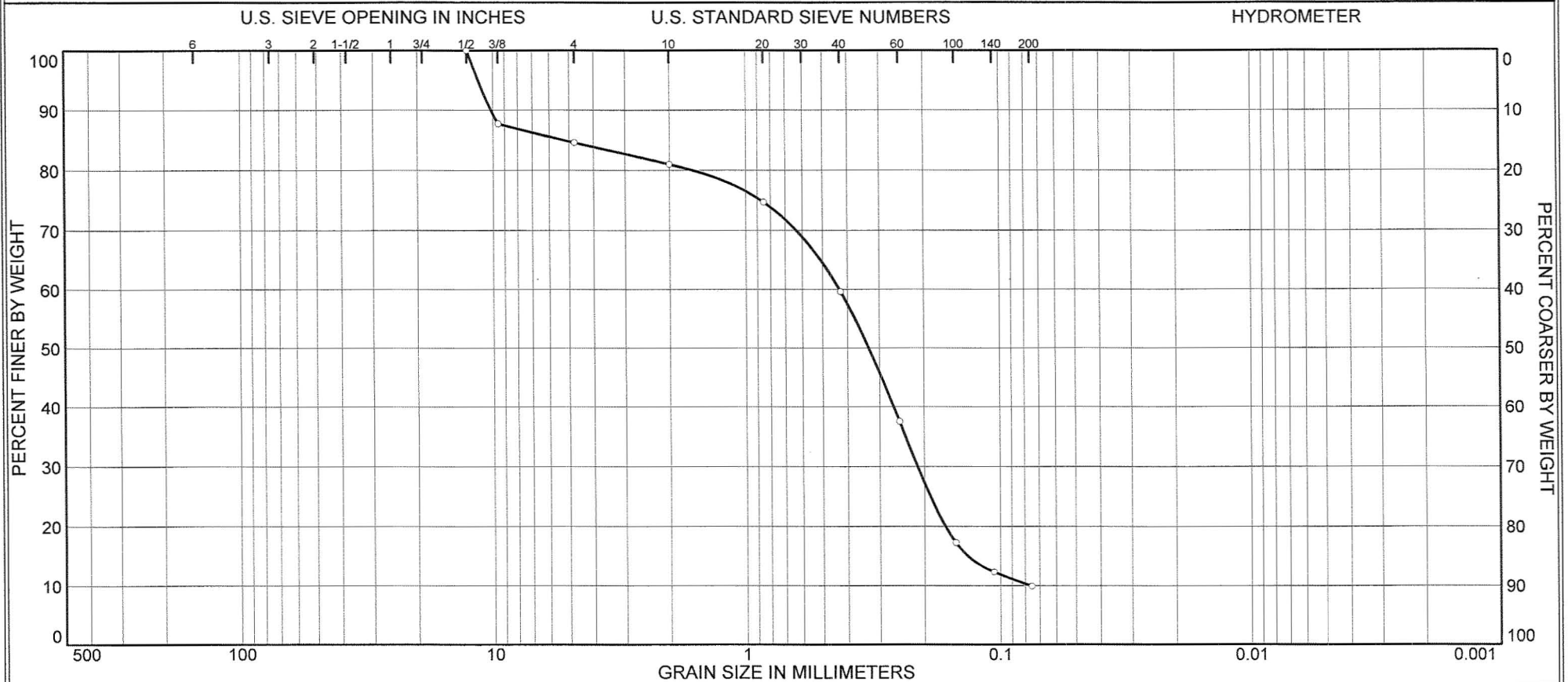
Project No. 6141-06-0286

Figure 7431

**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	15.4	3.6	21.4	49.7	9.9	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-5	12.5/84.15	4/17/07		SAND, with silt and gravel (SP-SM)	16.3		

Client GPC c/o SNOG		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH	Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project				
Project No. 6141-06-0286	Figure 7432			

Particle Size Distribution Report

U.S. SIEVE OPENING IN INCHESU.S. STANDARD SIEVE NUMBERSHYDROMETER

% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	2.0	50.2	47.8	

SOURCESAMPLE #DEPTH/ELEV.DATE SAMPLEDUSCSMATERIAL DESCRIPTIONNM %LLPL

B-6027	SS-7	20/76.65	4/17/07		SAND, silty (SM)	24.3		
--------	------	----------	---------	--	------------------	------	--	--

Client GPC c/o SNOG

Project Vogtle Units 3 & 4 COL Project

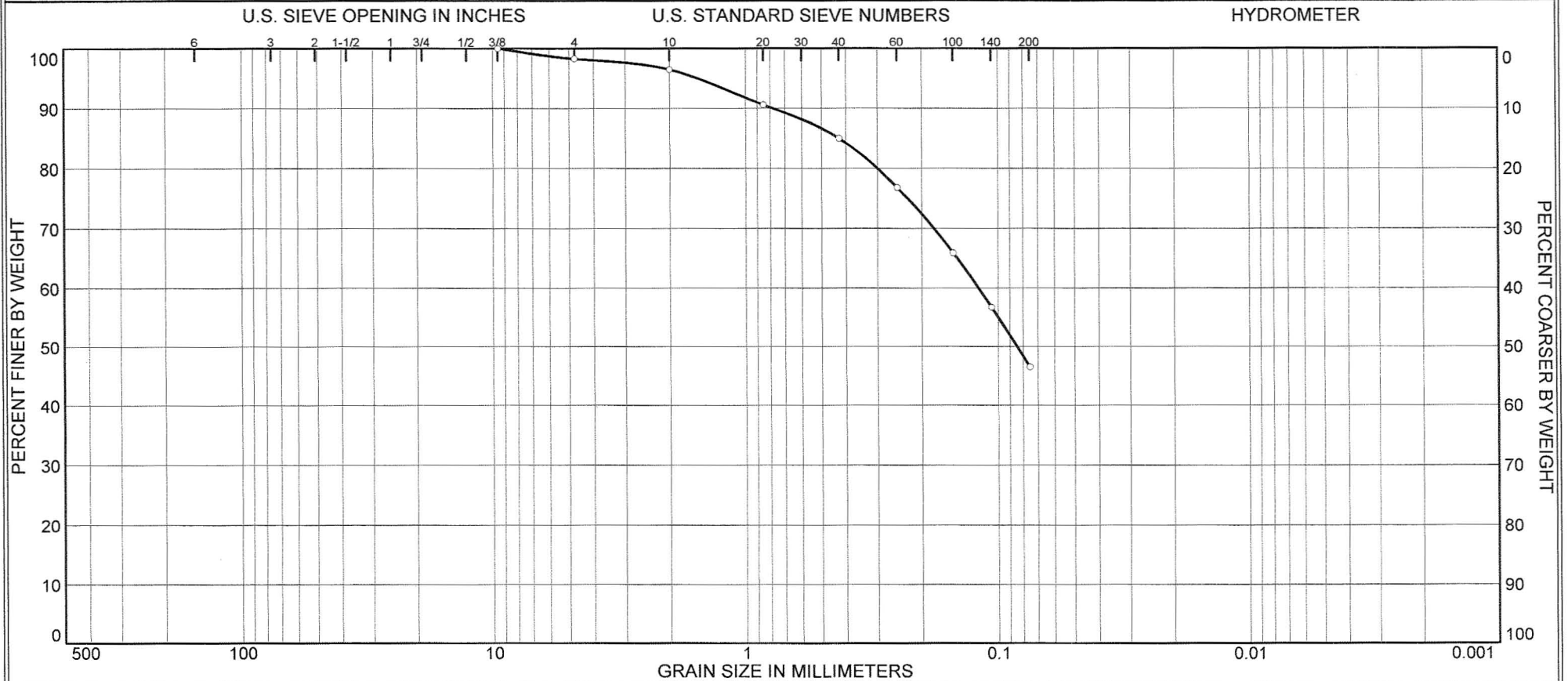
Project No. 6141-06-0286

**MACTEC ENGINEERING
AND
CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

Figure7433

Particle Size Distribution Report

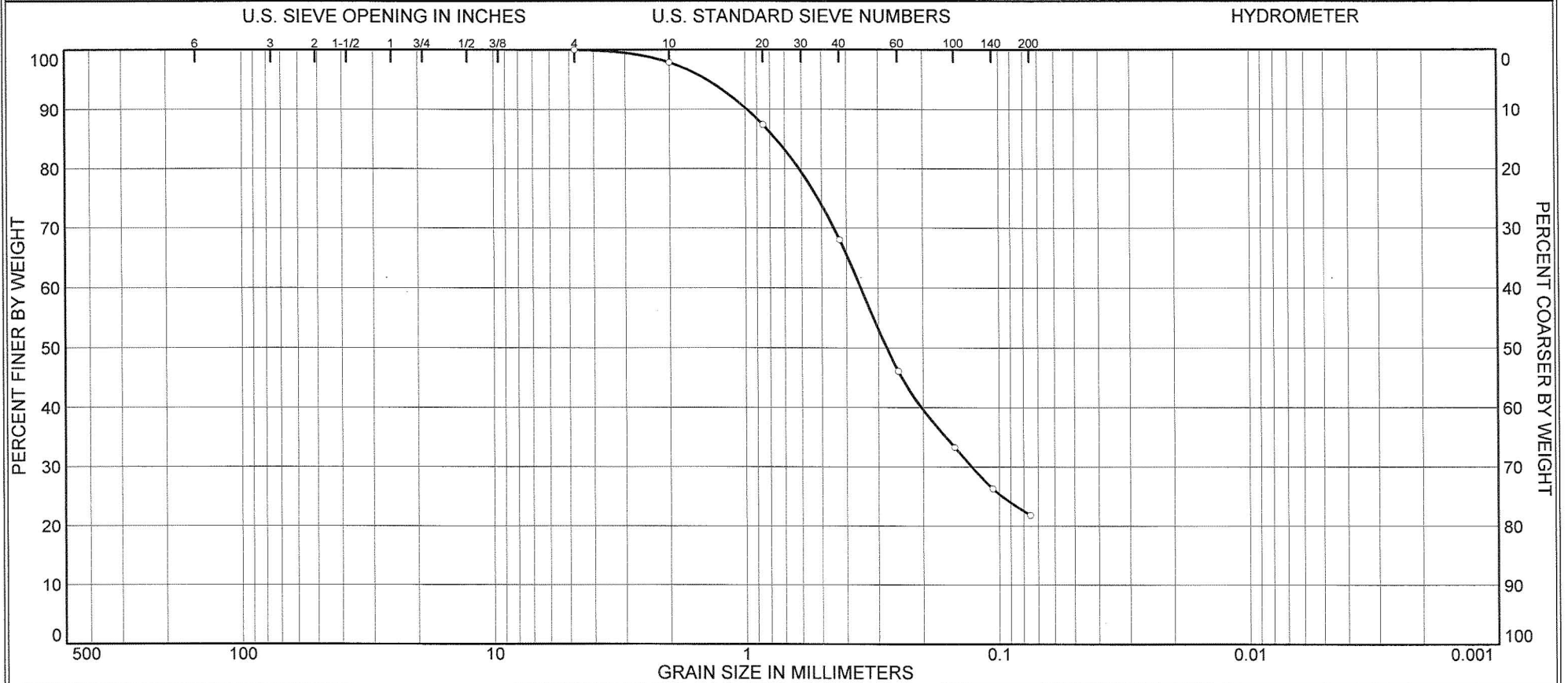


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	1.7	1.8	11.5	38.5	46.5	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-8	23.5/73.15	4/17/07		SAND, silty (SM)	22.9		

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project			
Project No. 6141-06-0286	Figure 7434		

Particle Size Distribution Report

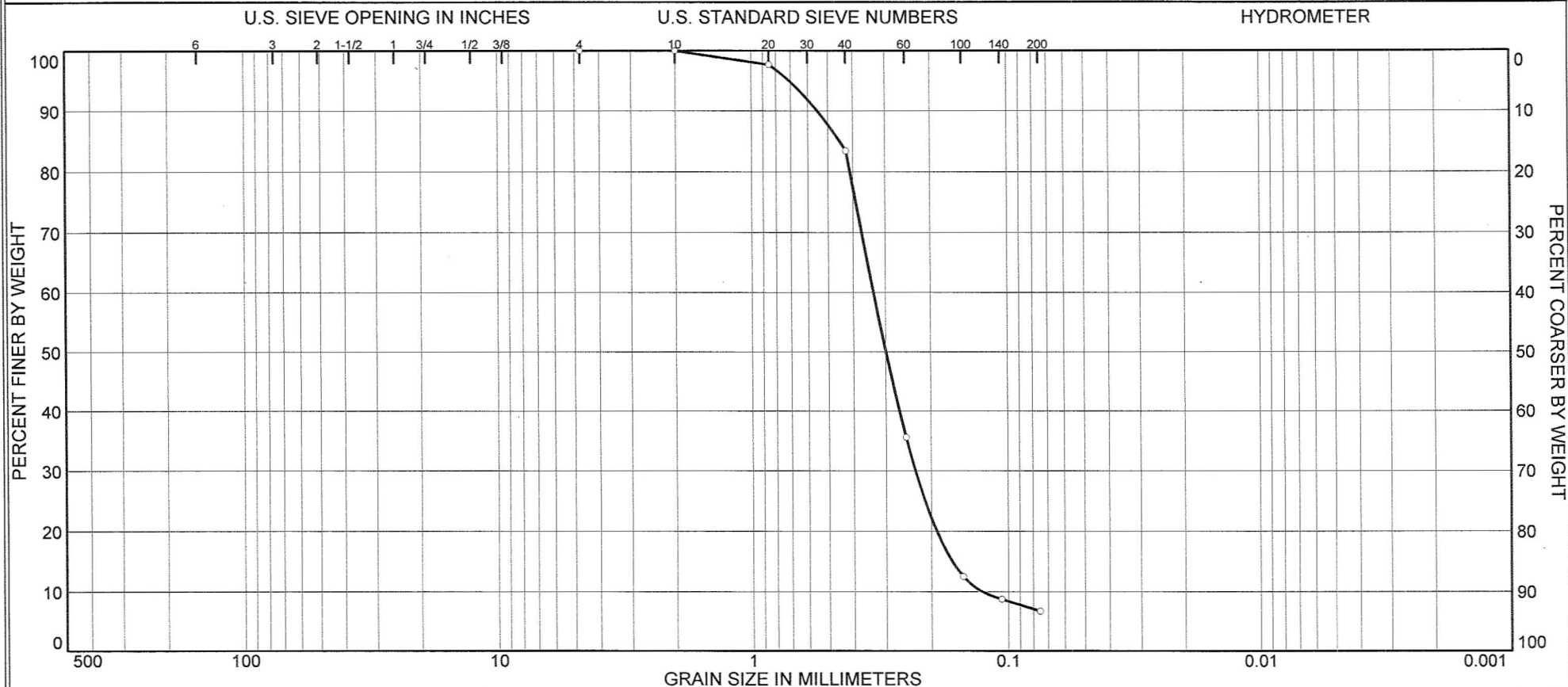


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	2.1	29.9	46.2	21.8	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-10	33.5/63.15	4/17/07		SAND, silty (SM)	17.3		

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project			
Project No. 6141-06-0286	Figure 7435		

Particle Size Distribution Report

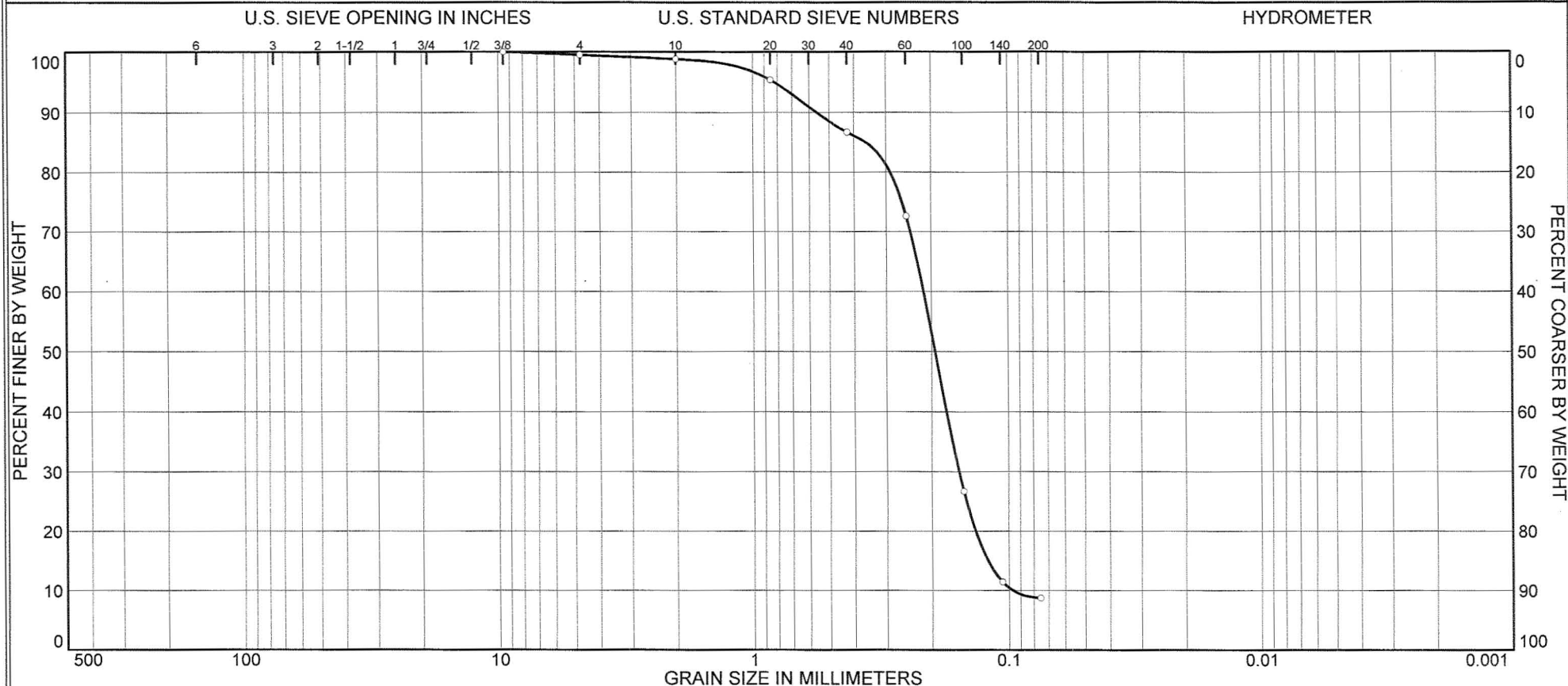


% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	16.6	76.7	6.7	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-11	38.5/58.15	4/17/07		SAND, with silt (SP-SM)	23.8		

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project			
Project No. 6141-06-0286	Figure 7436		

Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.5	0.7	12.1	78.0	8.7	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-6027	SS-13	48.5/48.15	4/17/07		SAND, with silt (SP-SM)	29.5		

Client GPC c/o SNOC		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project			
Project No. 6141-06-0286	Figure 7437		

U.S. Sieve Opening in Inches: 6, 3, 2, 1-1/2, 1, 3/4, 1/2, 3/8, 4, 10, 20, 30, 40, 60, 100, 140, 200

U.S. Standard Sieve Numbers: 10, 20, 30, 40, 60, 100, 140, 200

HYDROMETER

PERCENT FINER BY WEIGHT

PERCENT COARSER BY WEIGHT

GRAIN SIZE IN MILLIMETERS: 500, 100, 10, 1, 0.1, 0.01, 0.001

Grain Size (mm)	Sieve / Note	Percent Finer (%)
500		100
100		100
10		100
1		100
0.425	No. 40	100
0.250	No. 60	100
0.150	No. 100	95
0.075	No. 200	25

Client GPC c/o SNOG		MACTEC ENGINEERING AND CONSULTING, INC.	☐ Tested by: EH Reviewed by: HJ
Project Vogtle Units 3 & 4 COL Project			
Project No. 6141-06-0286	Figure 7438		