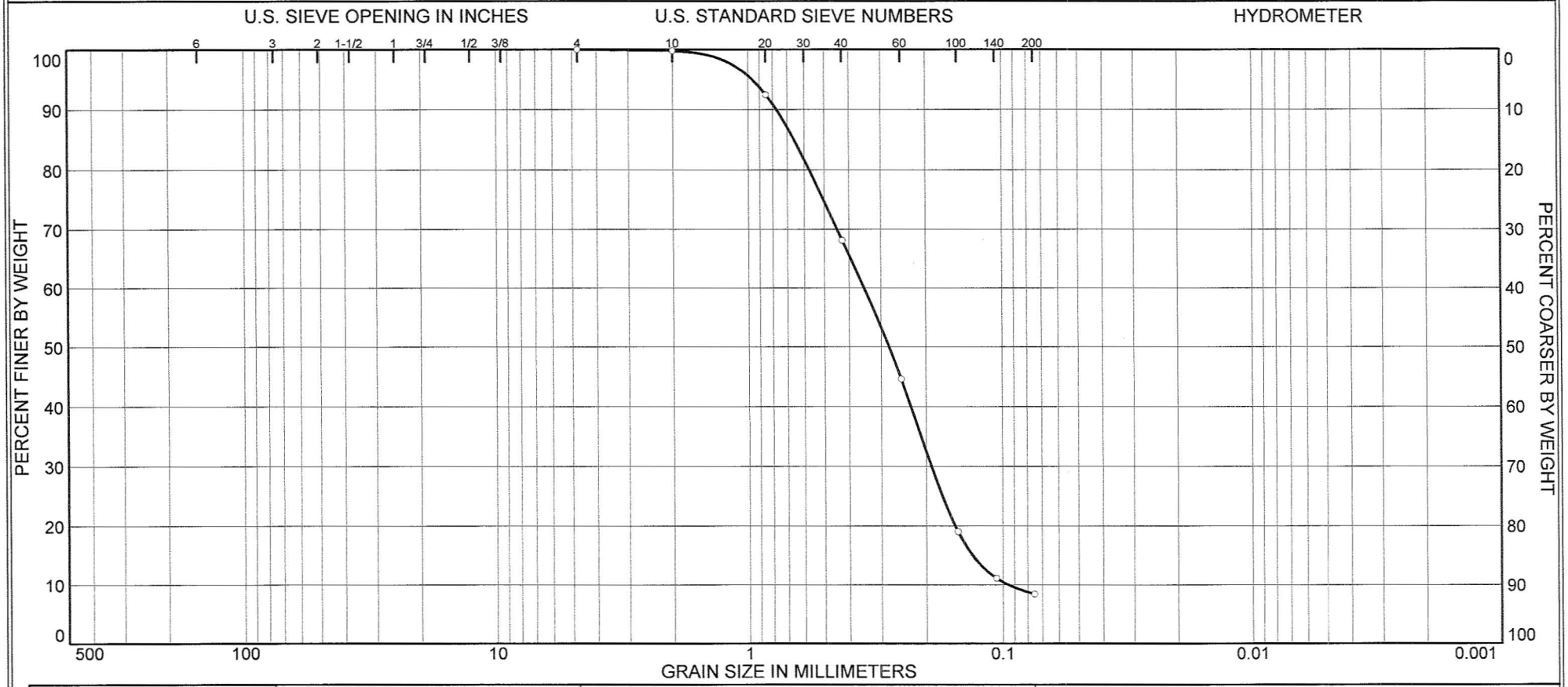
Particle Size Distribution Report



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.2	31.7	59.7	8.4	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
TP-B-1194	B1	5/197.73 Ft.	3/29/2007		SAND, with silt (SP-SM)	5.4		

Client GPC c/o SNOC

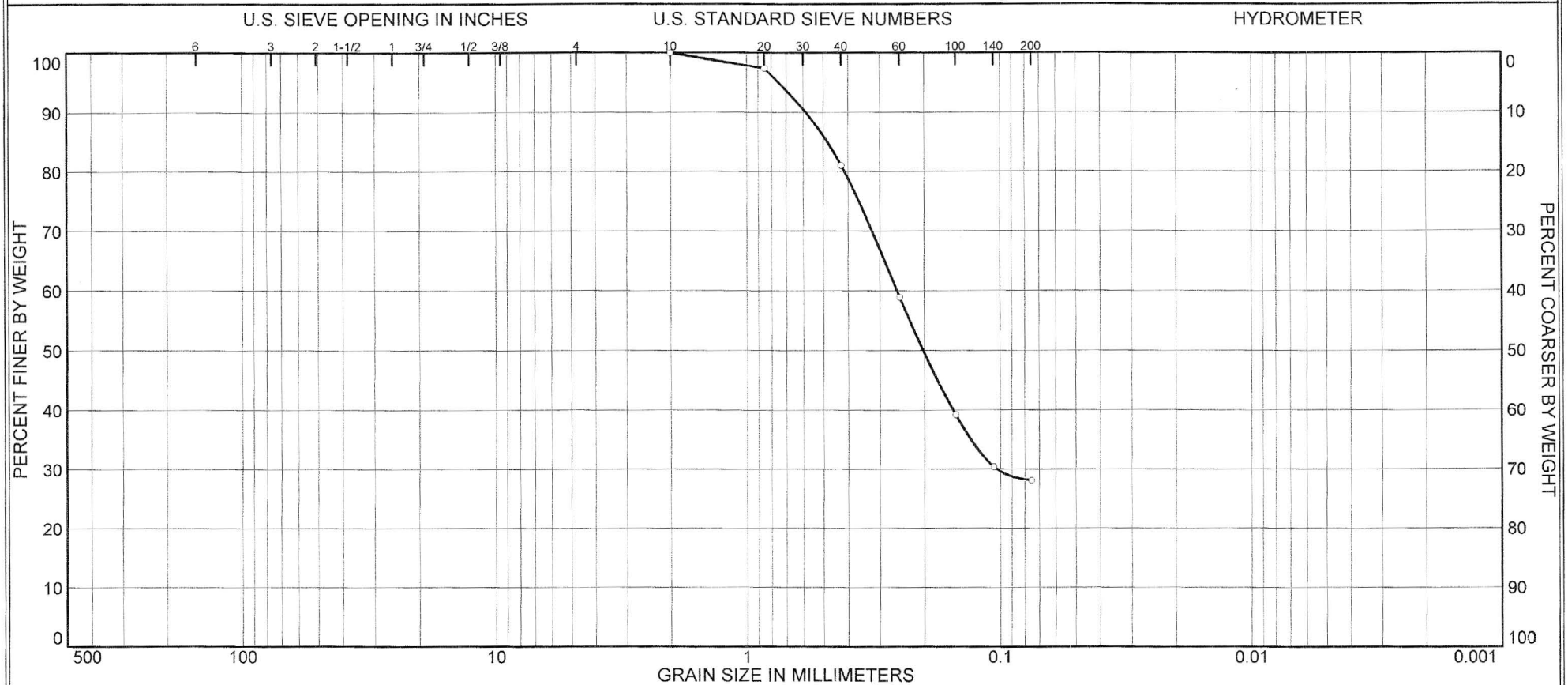
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Figure 7352

MACTEC ENGINEERING AND CONSULTING, INC.

Tested by: BM 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	19.0	52.9	28.1	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
TP-B-1194	B2	8/194.73 Ft.	3/29/200	SC	SAND, clayey (SC)	15.1	37	22

Client GPC c/o SNOC

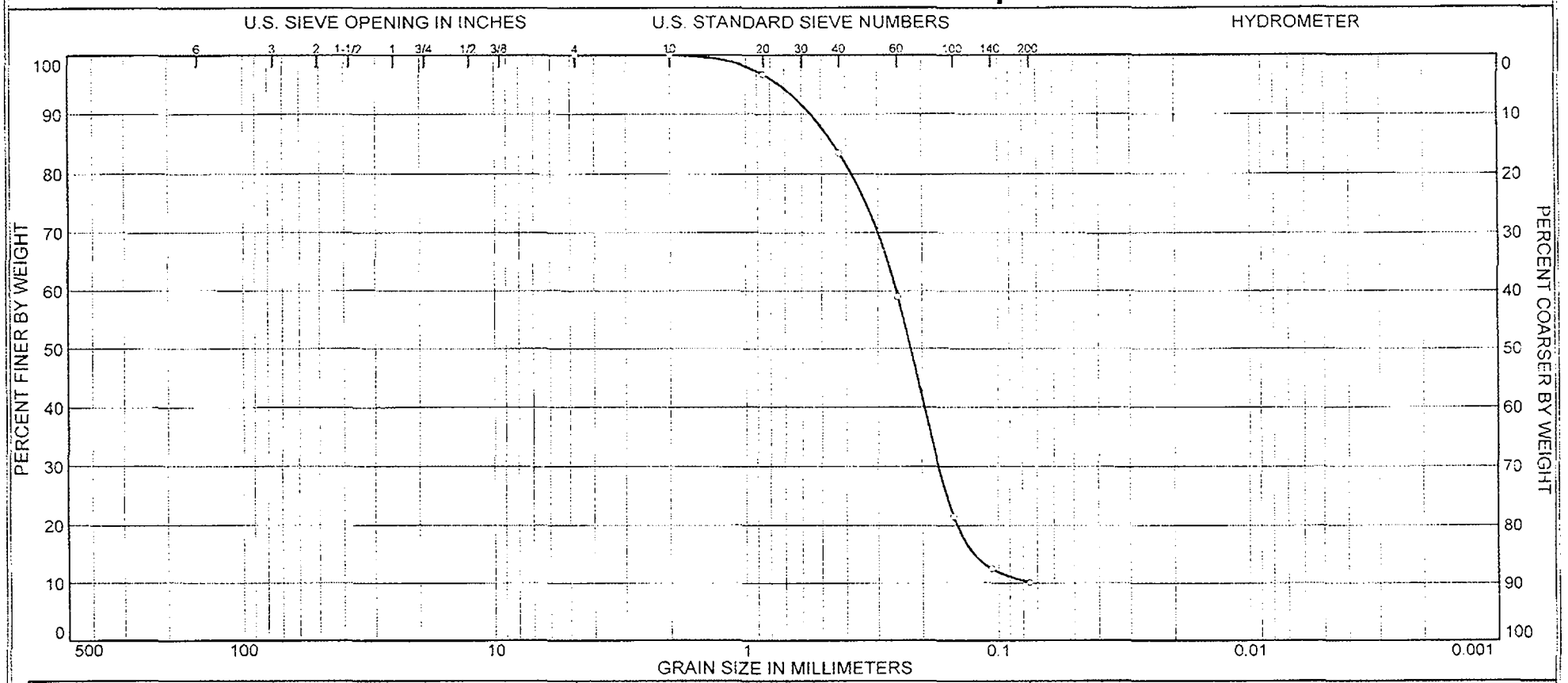
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Lab no. 7353

MACTEC ENGINEERING AND CONSULTING, INC.

Tested by: BM 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	16.6	73.3	10.1	

	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
○	TP-B-1197	B1	5/240.94 Ft.	3/29/2007	SP-SM	SAND, with silt (SP-SM)	6.6	NV	NP

Client GPC c/o SNOC

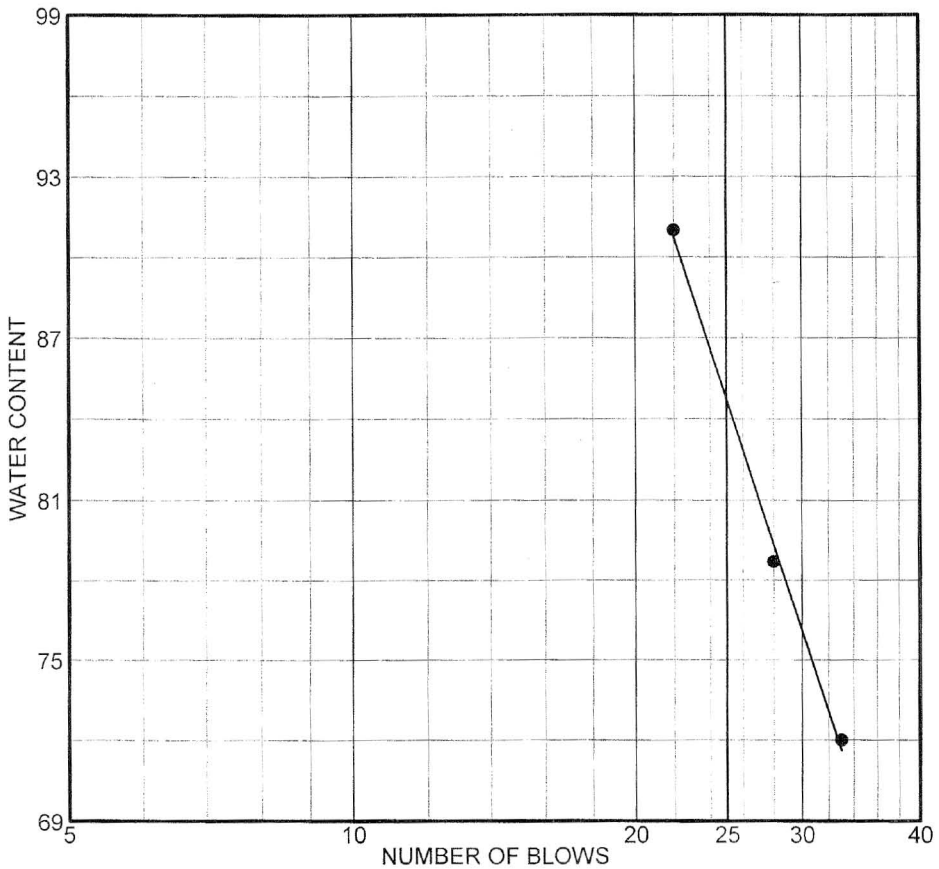
Project Vogtle Units 3 & 4 COL Project

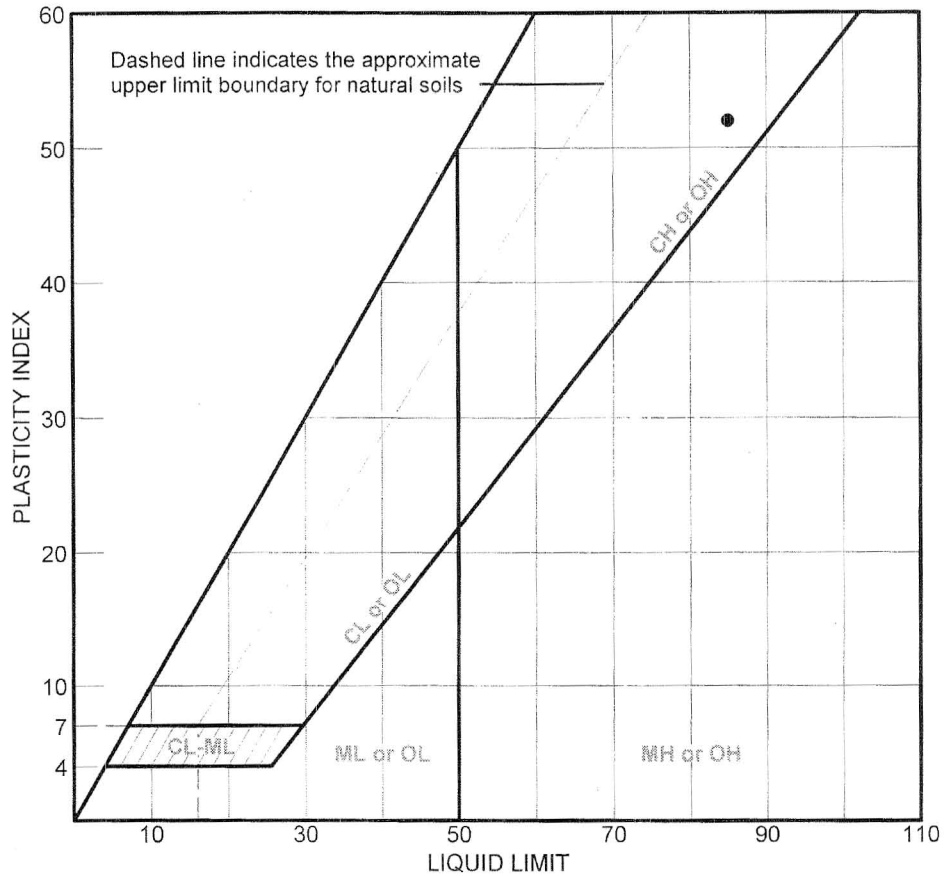
Project No. 6141-06-0286 Figure 7350

MACTEC ENGINEERING AND CONSULTING, INC.

○ Tested by: BM Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1132	UD-3	38.5/180.23	1/25/07		CLAY, sandy (CH)		85	52

Client GPC c/o SNOC

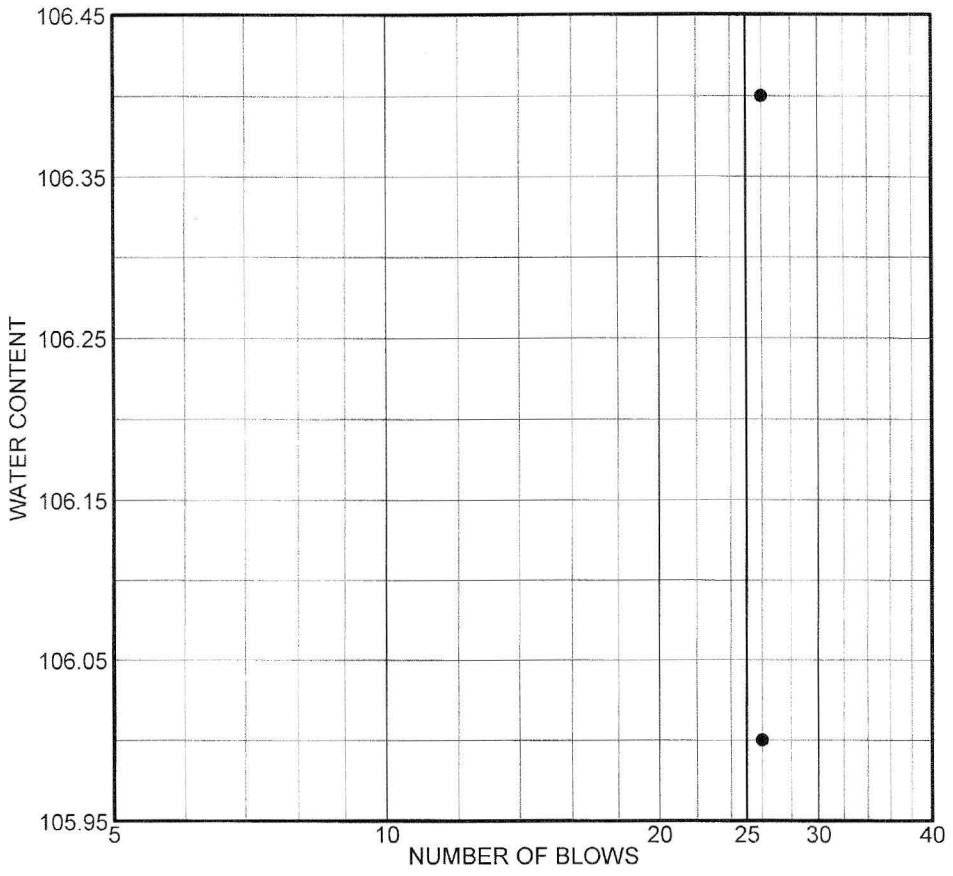
Project Vogtle Units 3 & 4 COL Project

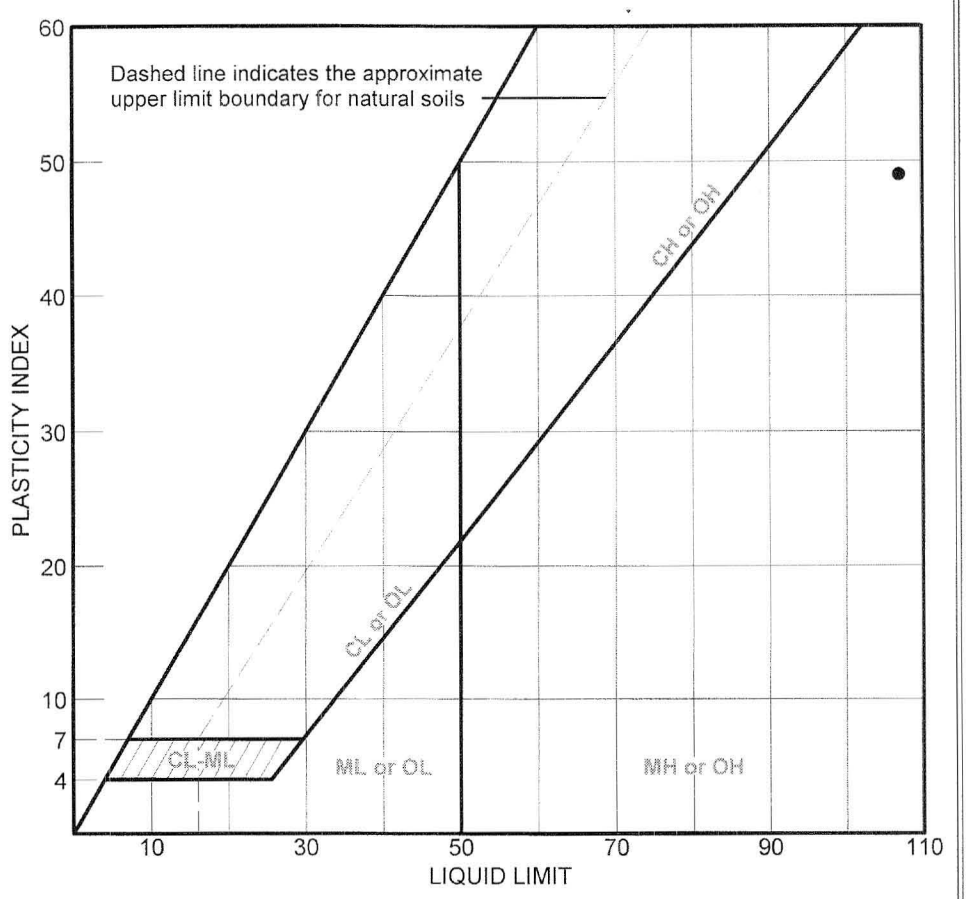
Project No. 6141-06-0286 Lab no. 7483

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: EH Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1136	UD-3	38.5/183.15	1/24/07		SAND, silty (SM)		107	49

Client GPC c/o SNOC

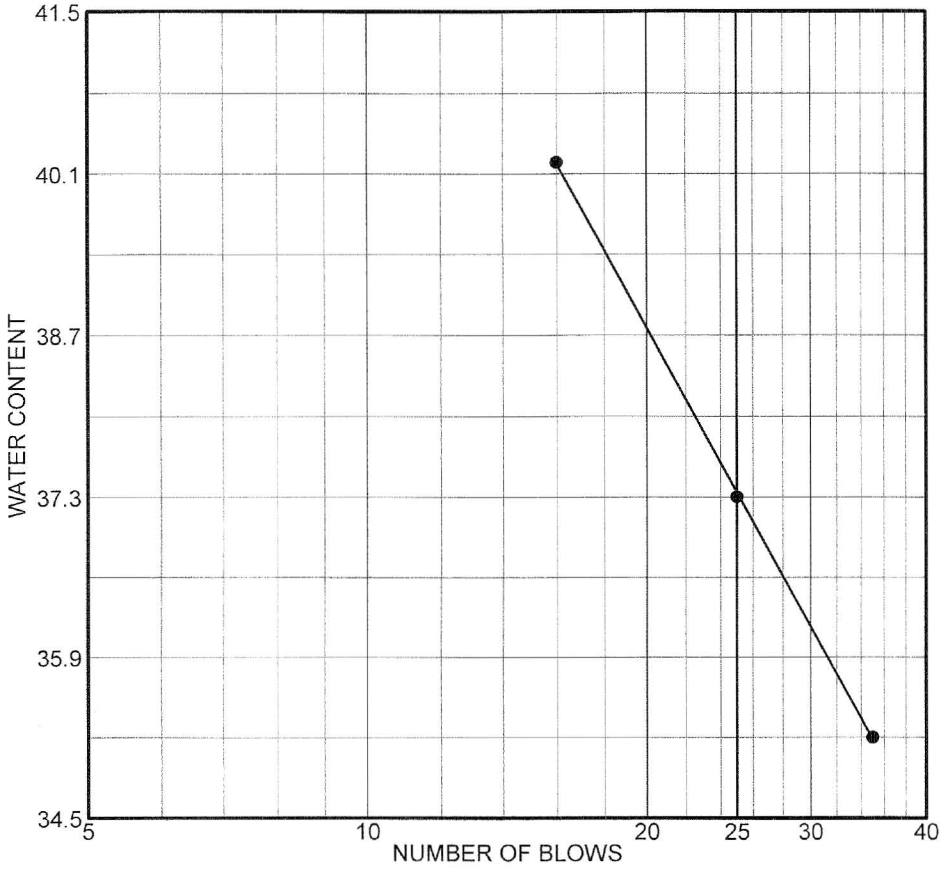
Project Vogtle Units 3 & 4 COL Project

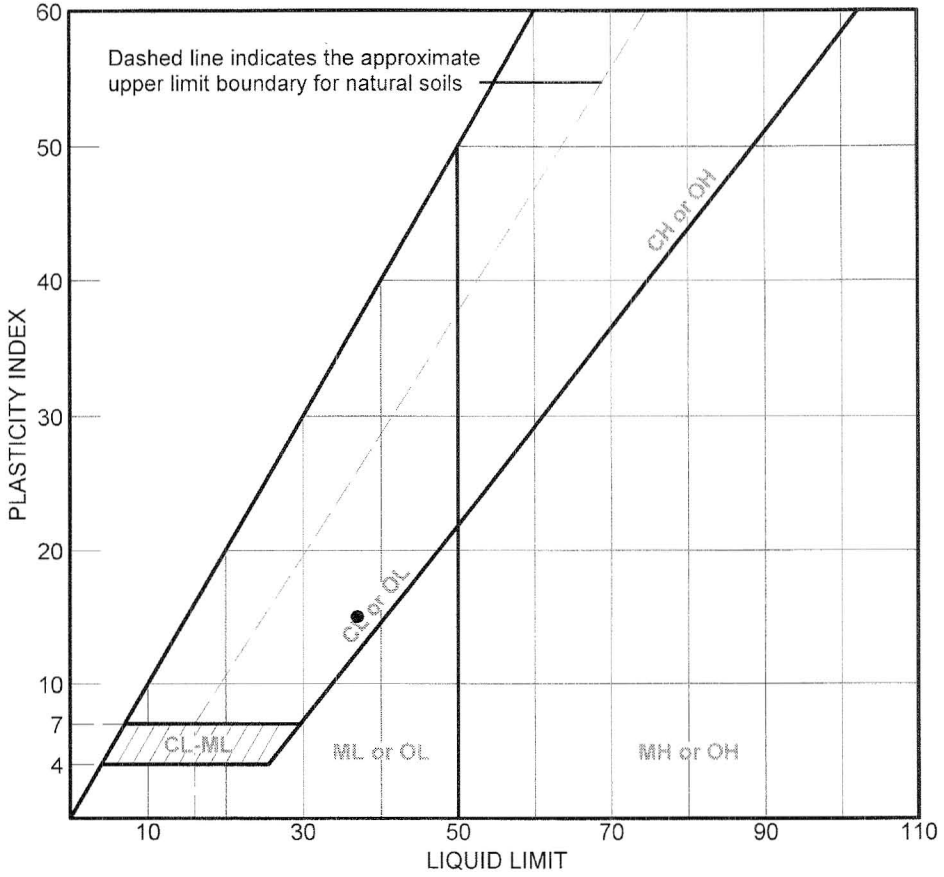
Project No. 6141-06-0286 Lab no. 7488

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: EH Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1155	SS-6	11.0/73.95 ft	11/29/06		CLAY, with sand (CL)	42.5	37	15

Client GPC c/o SNOC

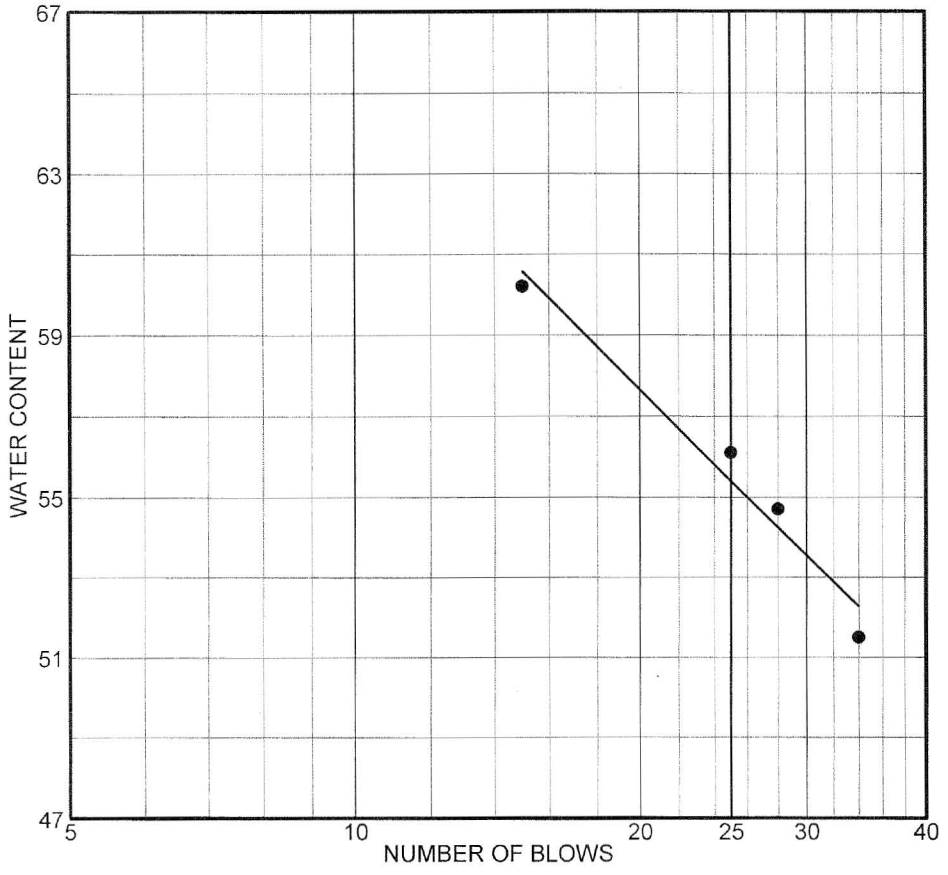
Project Vogtle Units 3 & 4 COL Project

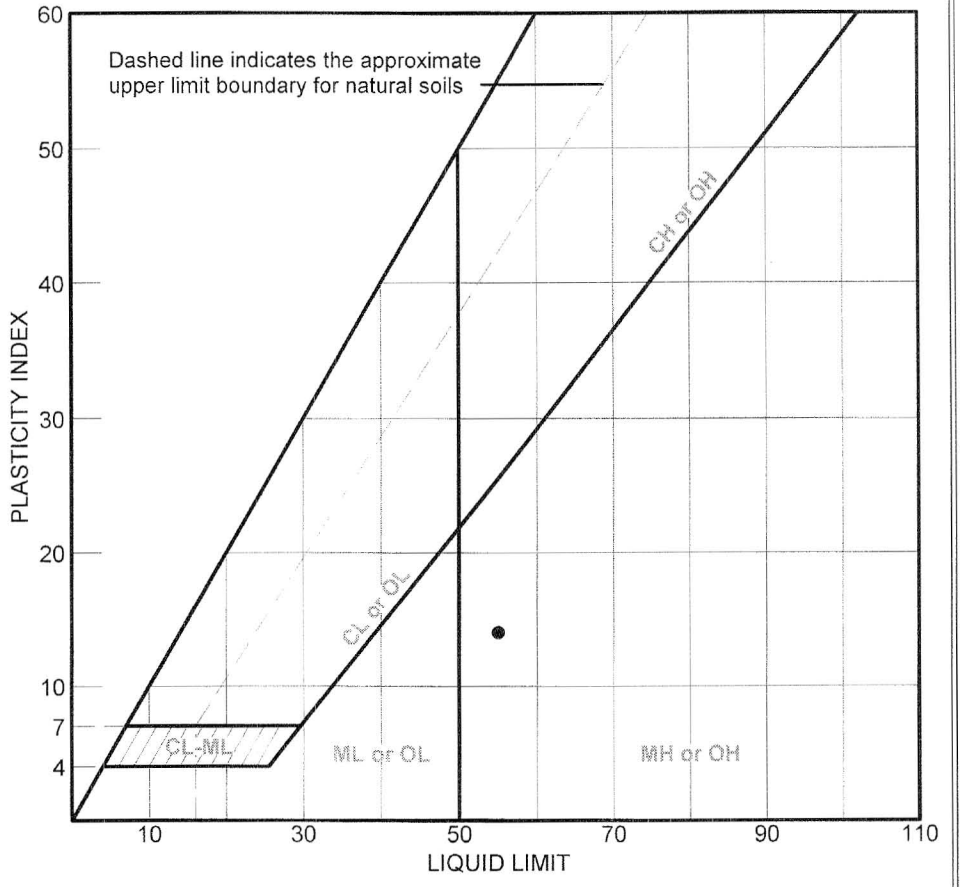
Project No. 6141-06-0286 Lab no. 6825

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: R.W. Reviewed by:HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1155	SS-11	33.5/51.45 ft	11/29/06		SILT, (MH)	55.7	55	14

Client GPC c/o SNOC

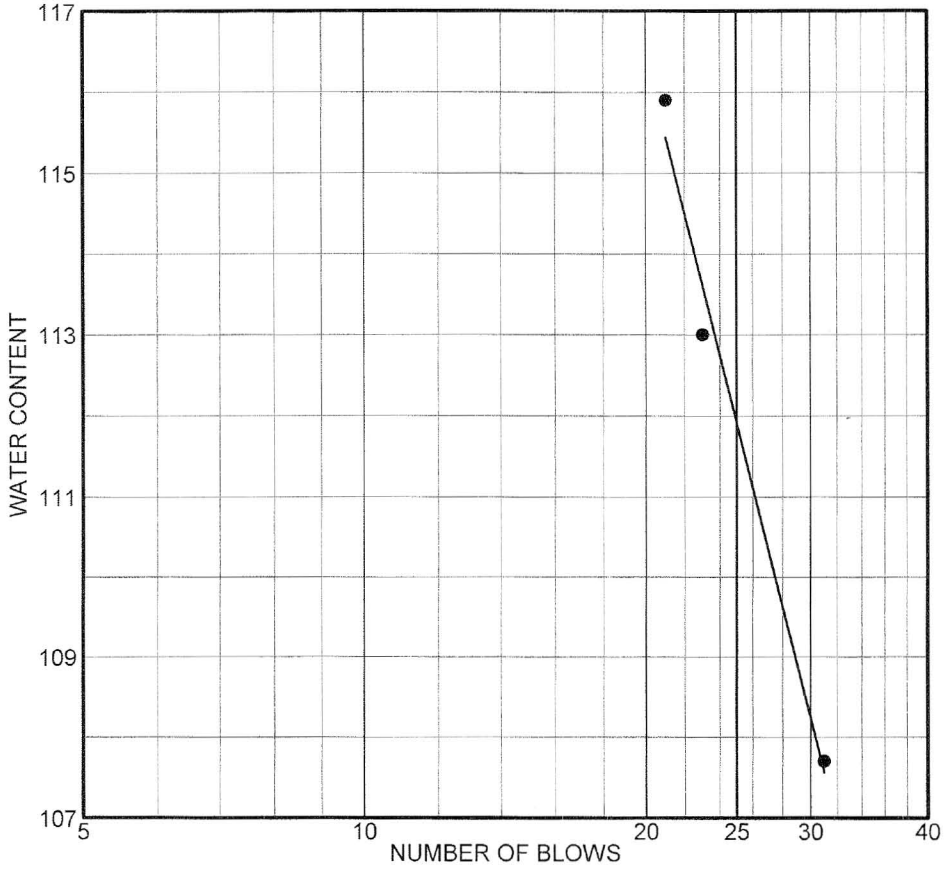
Project Vogtle Units 3 & 4 COL Project

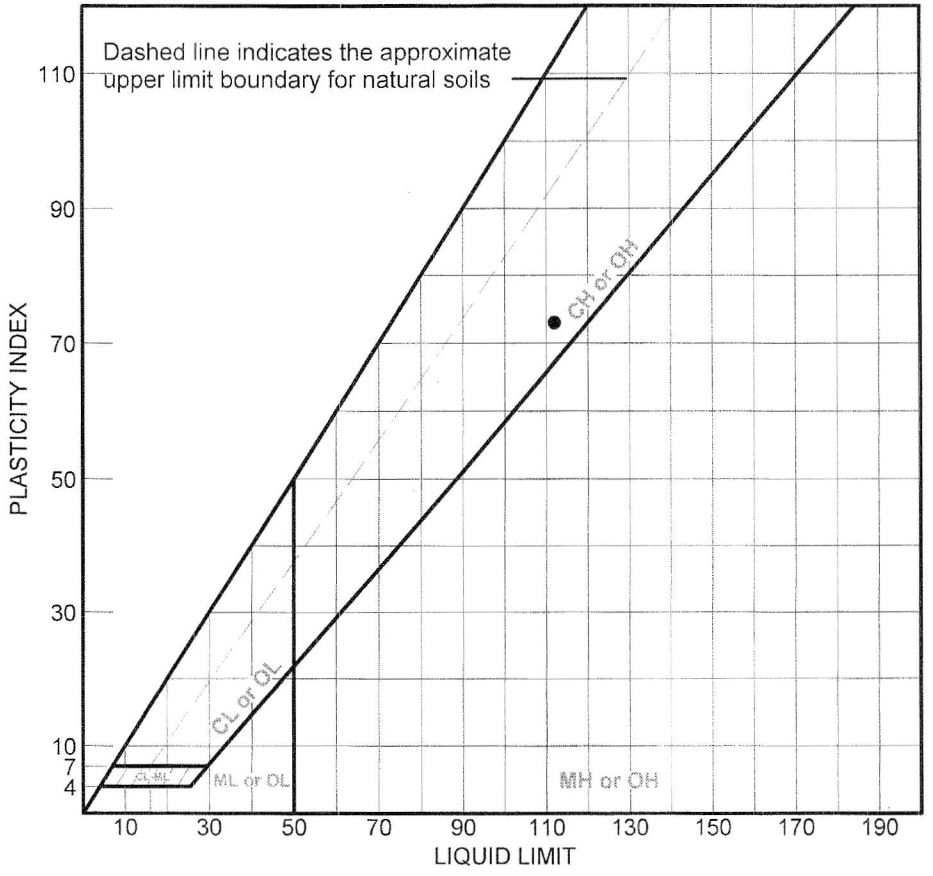
Project No. 6141-06-0286 Lab no. 6827

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: S.P. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1155	SS-22	88.5/-3.55 ft	11/30/06		CLAY (CH)	58.1	112	73

Client GPC c/o SNOC

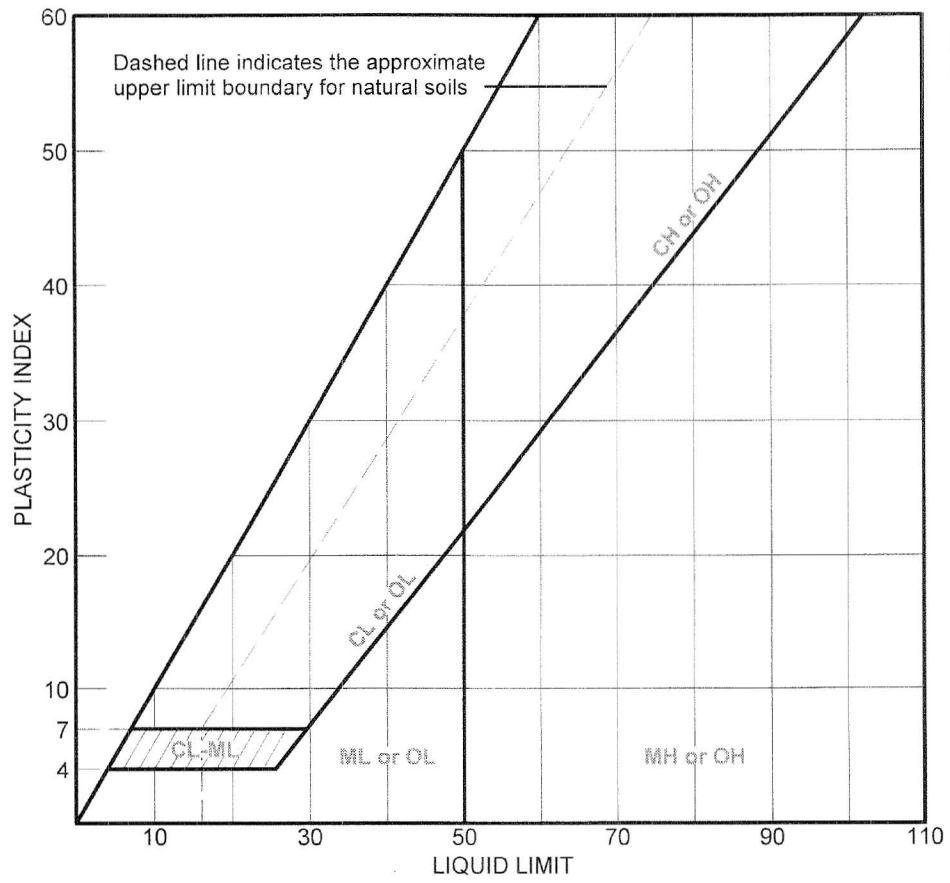
Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Lab no. 6831

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: S.P. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT



	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1155	SS-27	113.5/-28.55 ft	12/4/06		SAND, (SP)	16.5	NV	NP

Client GPC c/o SNOC

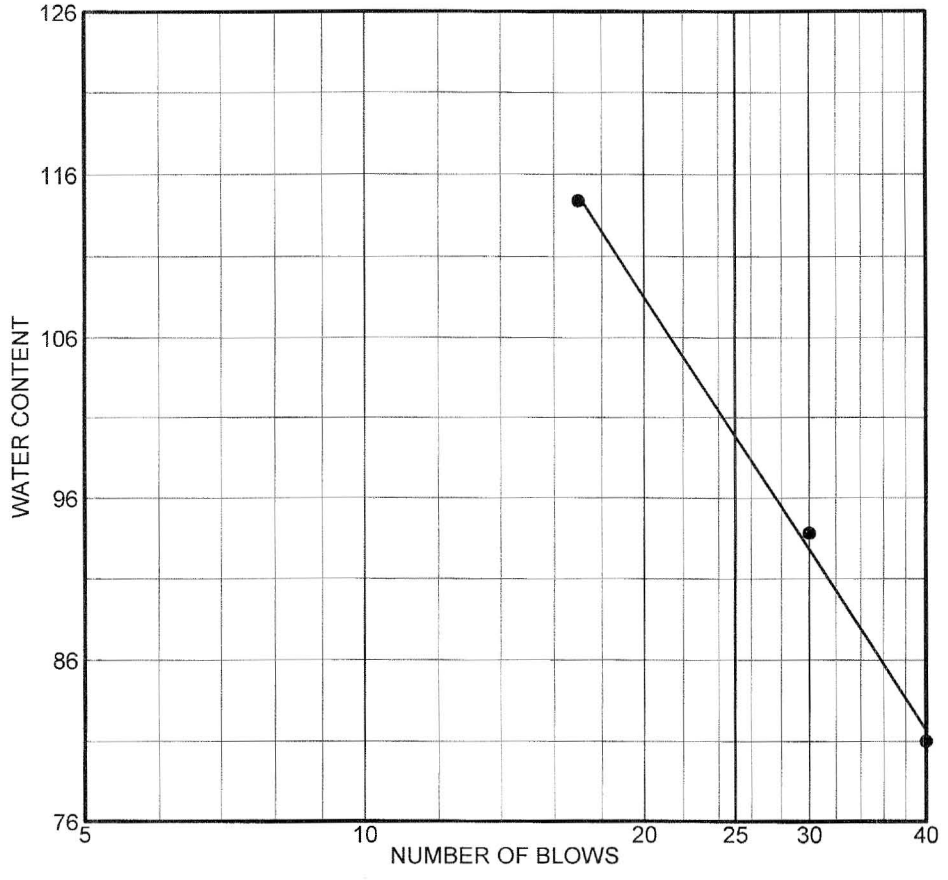
Project Vogtle Units 3 & 4 COL Project

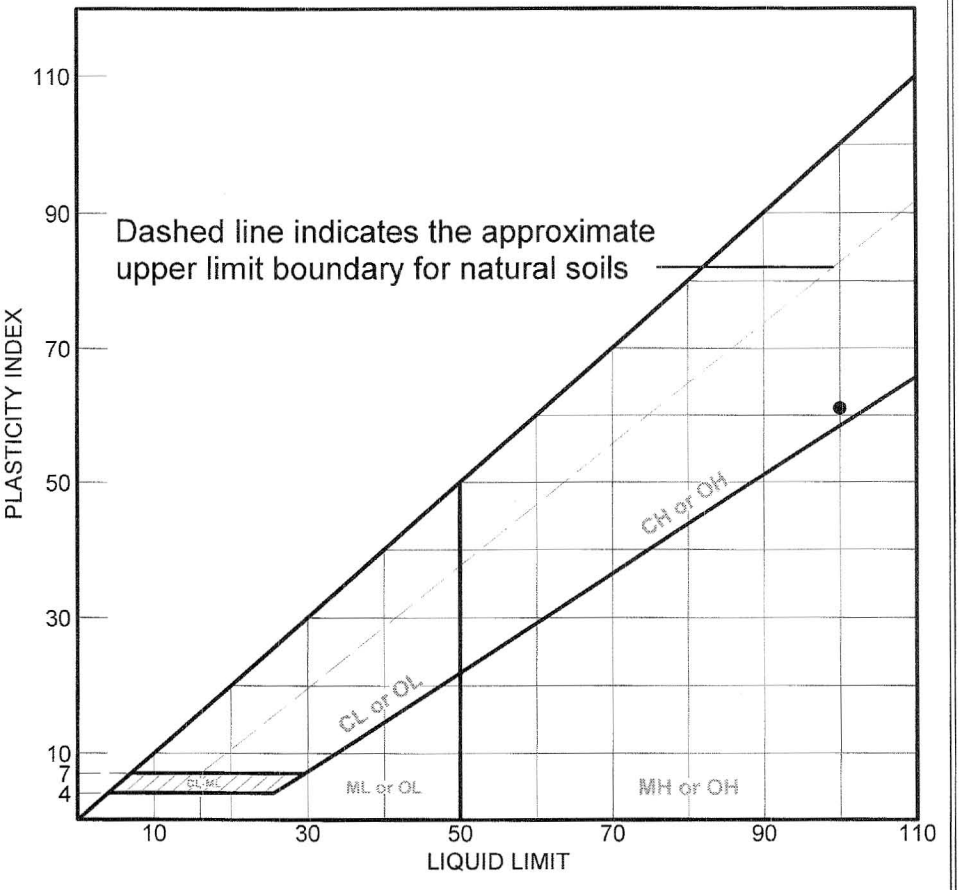
Project No. 6141-06-0286 Lab no. 6833

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: R.W. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1156	SS-4	6.0/79.7 Ft.	12/13/06	CH	CLAY(CH)		100	61

Client GPC c/o SNOC

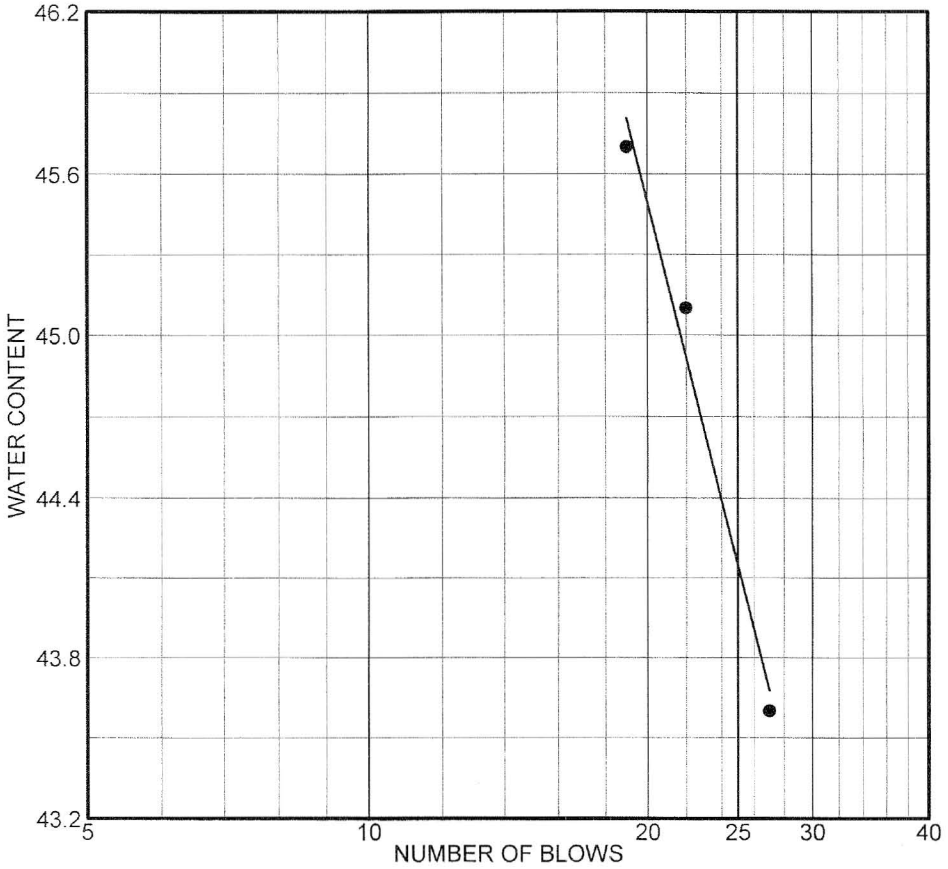
Project Vogtle Units 3 & 4 COL Project

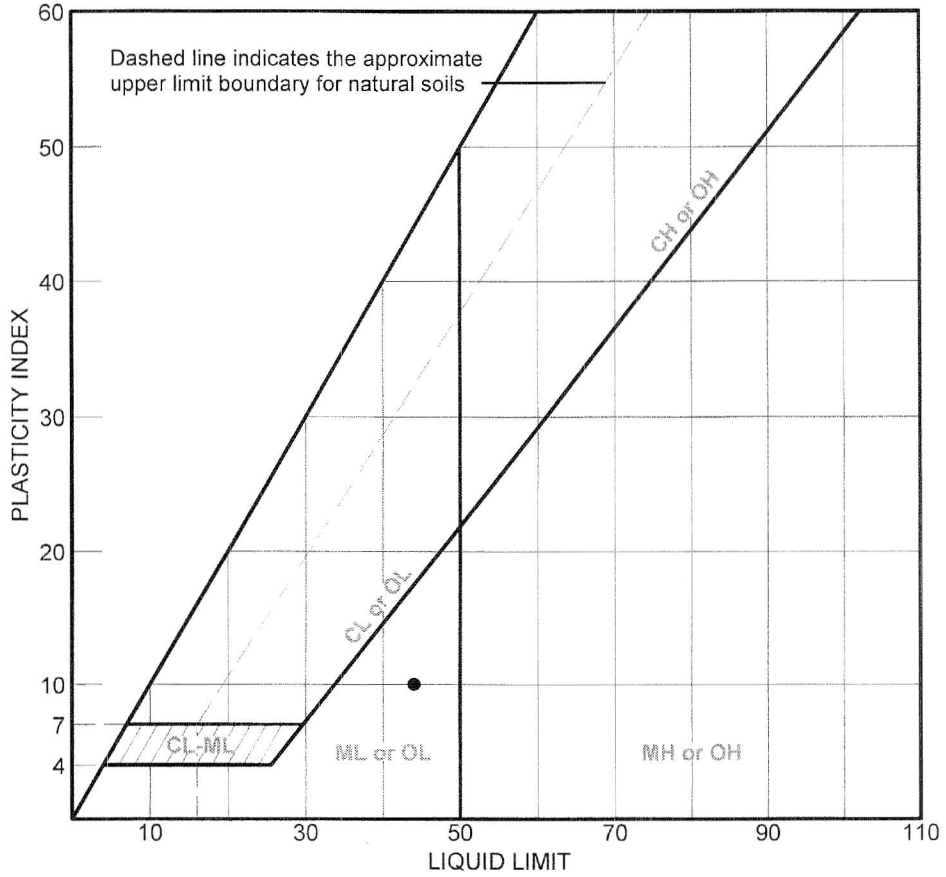
Project No. 6141-06-0286 Lab no. 6835

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: RW Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1156	SS-6	11.0/74.70 ft.	12/13/06		SILT (ML)	56.2	44	10

Client GPC c/o SNOC

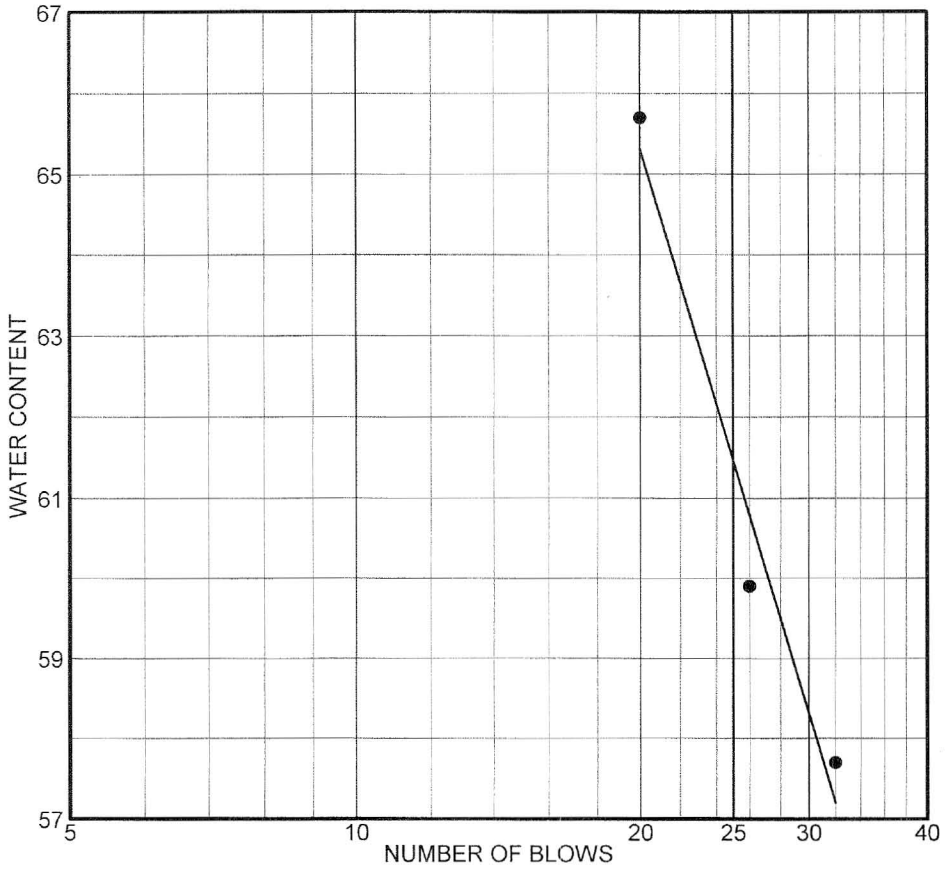
Project Vogtle Units 3 & 4 COL Project

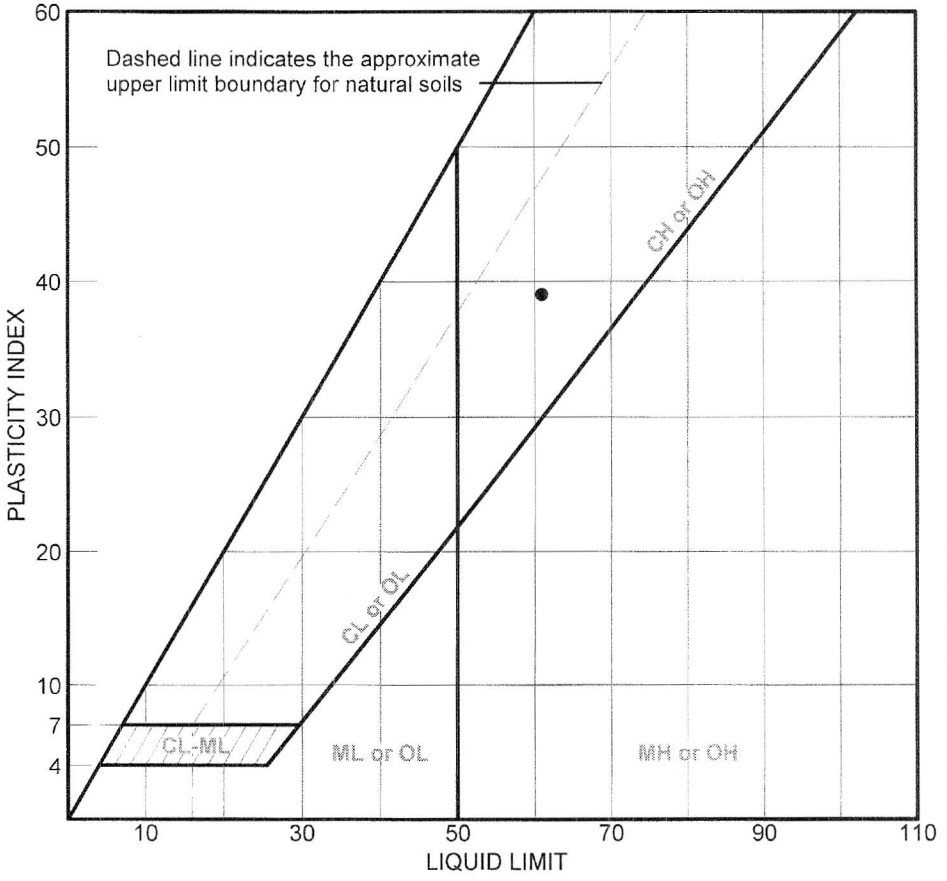
Project No. 6141-06-0286 Lab no. 6836

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: S.P. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1156	SS-8	18.5/67.20 ft.	12/13/06		CLAY, sandy (CH)	32.2	61	39

Client GPC c/o SNOC

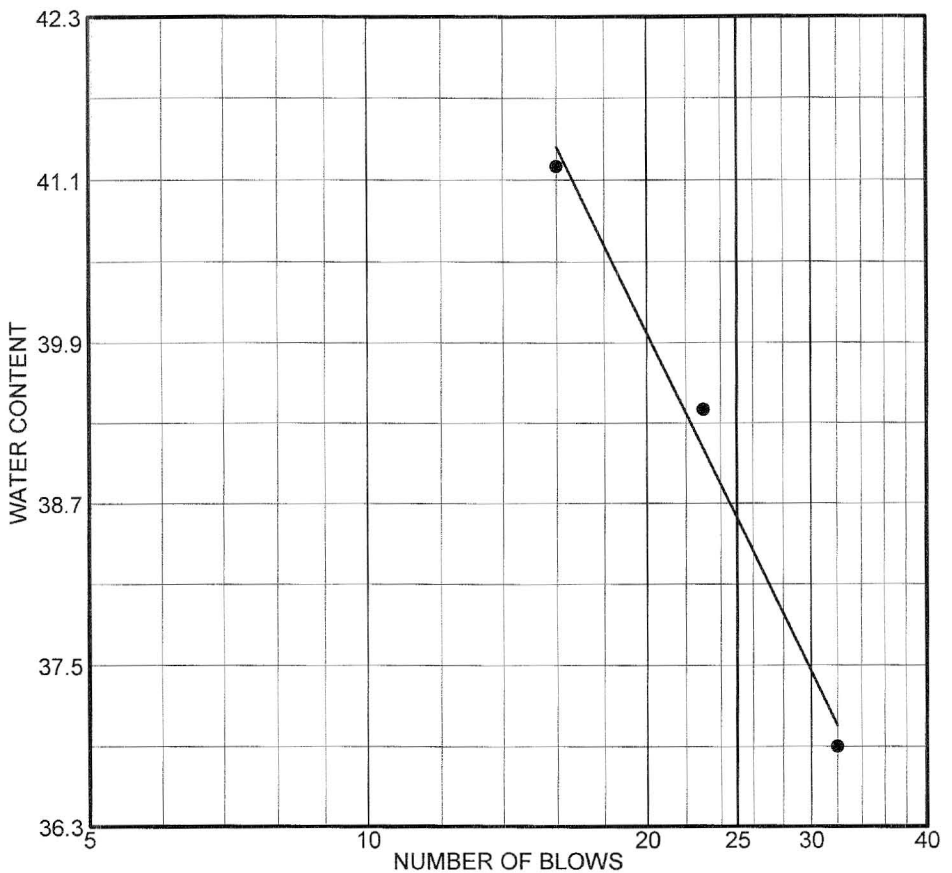
Project Vogtle Units 3 & 4 COL Project

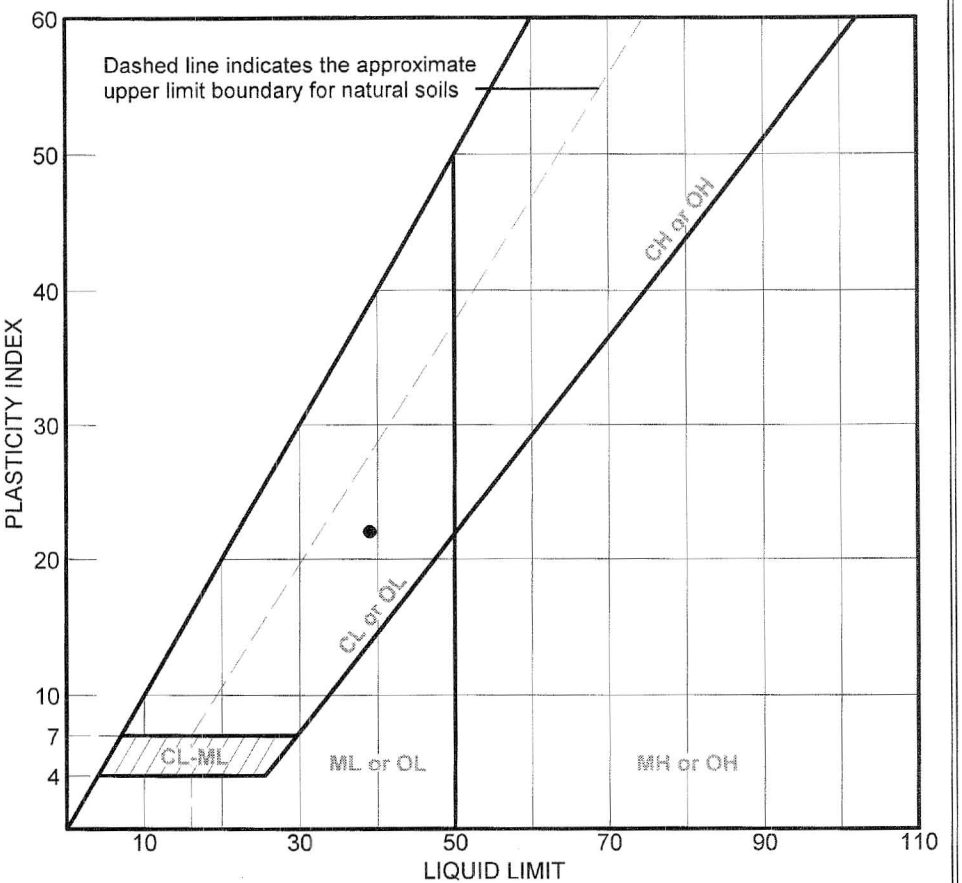
Project No. 6141-06-0286 Lab no. 6838

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: EH Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1156	SS-12	48.5/37.20	12/14/06		CLAY, sandy (CL)	35.9	39	22

Client GPC c/o SNOC

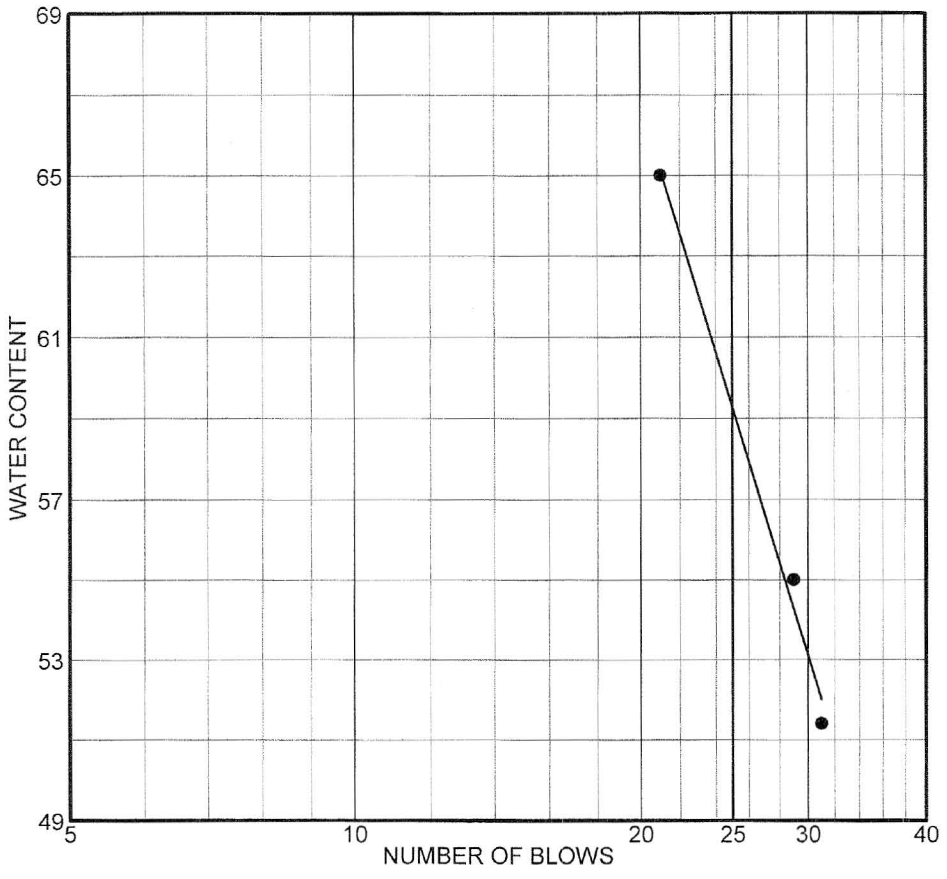
Project Vogtle Units 3 & 4 COL Project

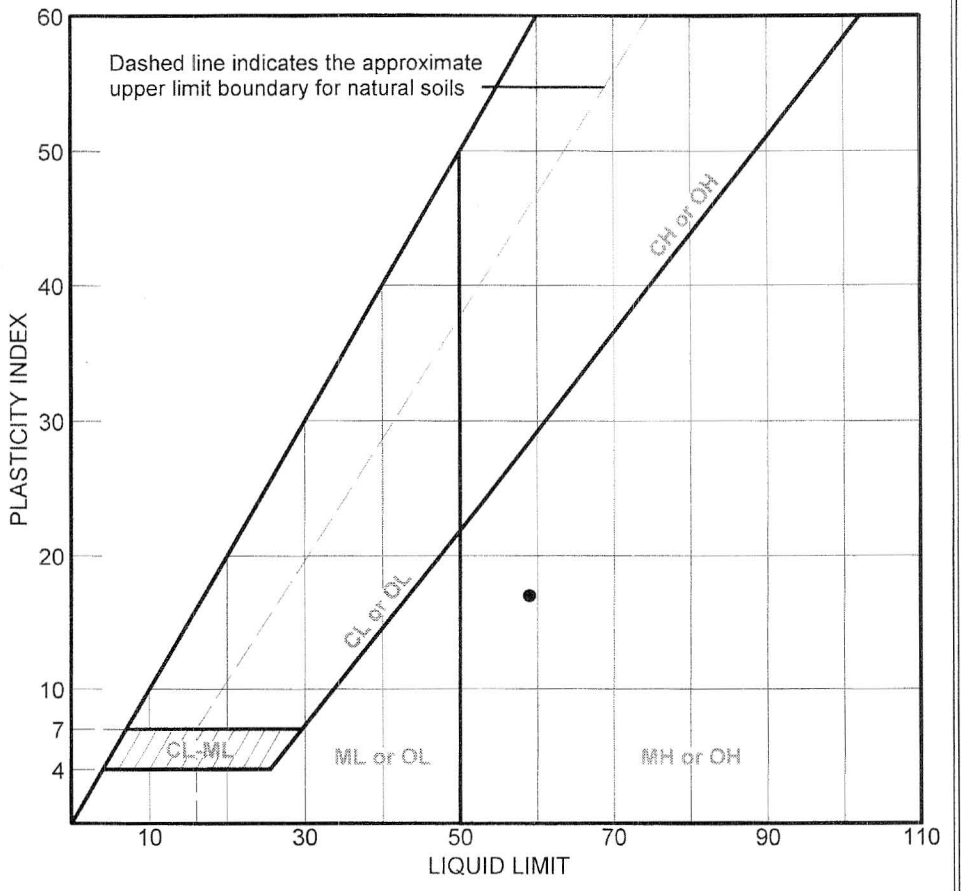
Project No. 6141-06-0286 Lab no. 6842

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: EH Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1157	SS-8	18.5/68.27 ft.	12/6/06		SILT (MH)	49.9	59	17

Client GPC c/o SNOC

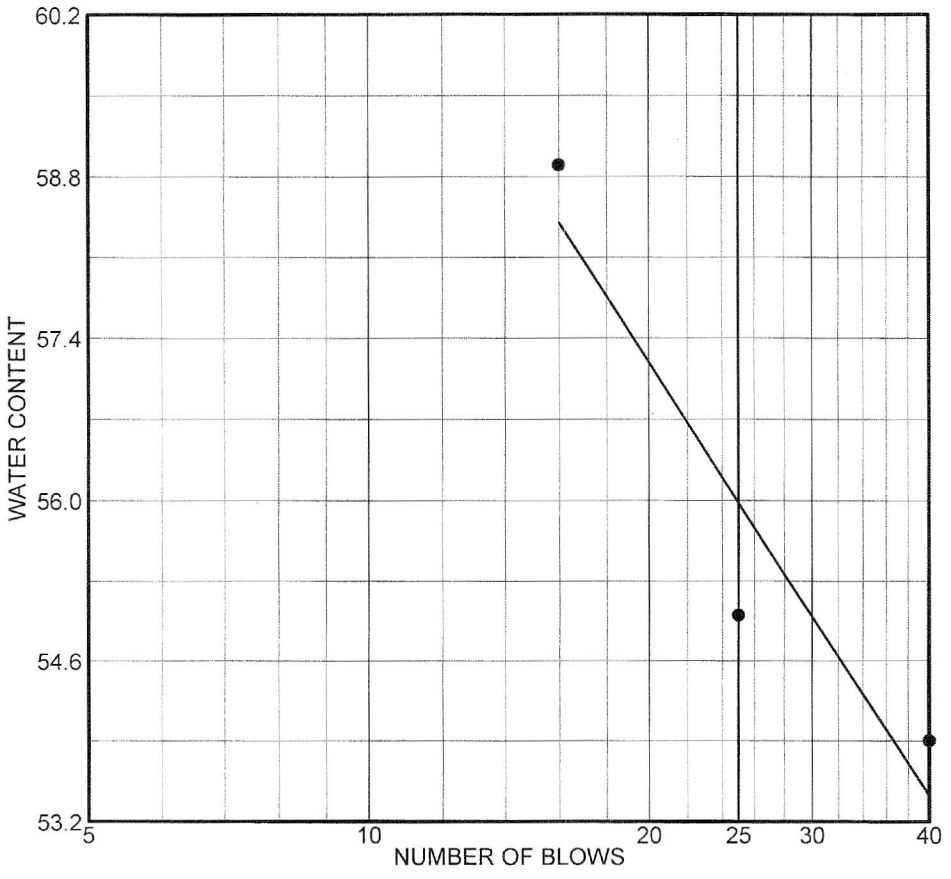
Project Vogtle Units 3 & 4 COL Project

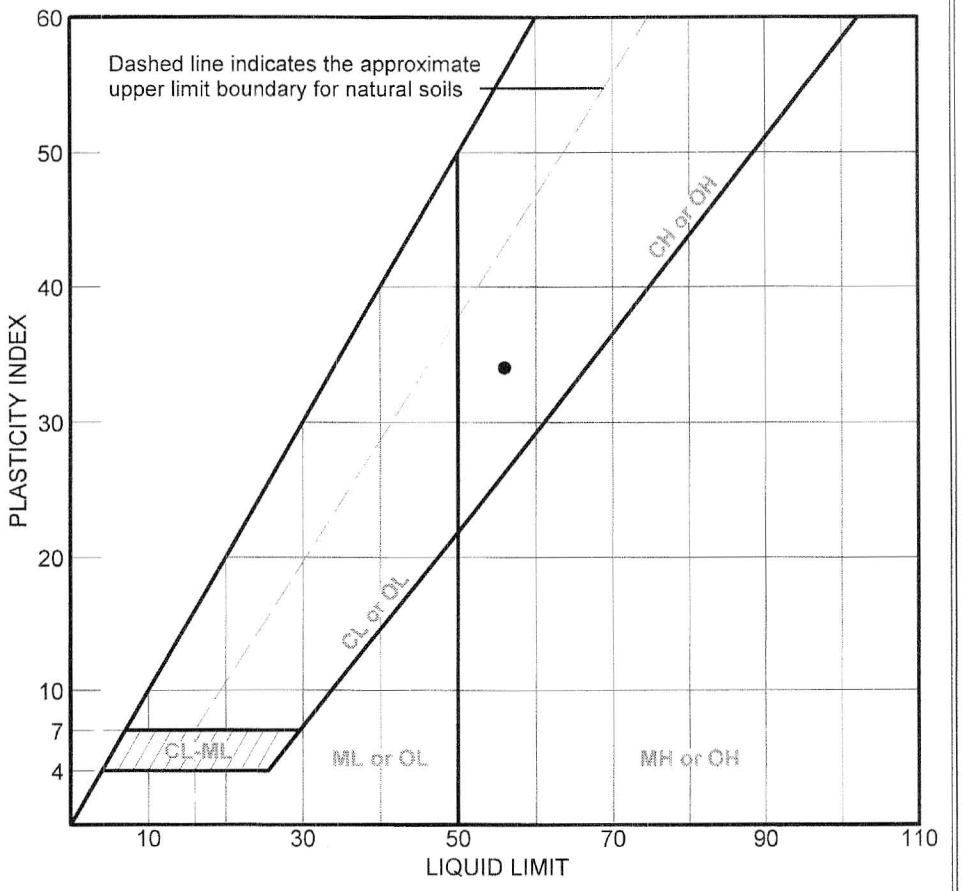
Project No. 6141-06-0286 Lab no. 6850

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: S.P. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1157	SS-11	33.5/53.27 ft.	12/6/06		CLAY (CH)	38.4	56	34

Client GPC c/o SNOC

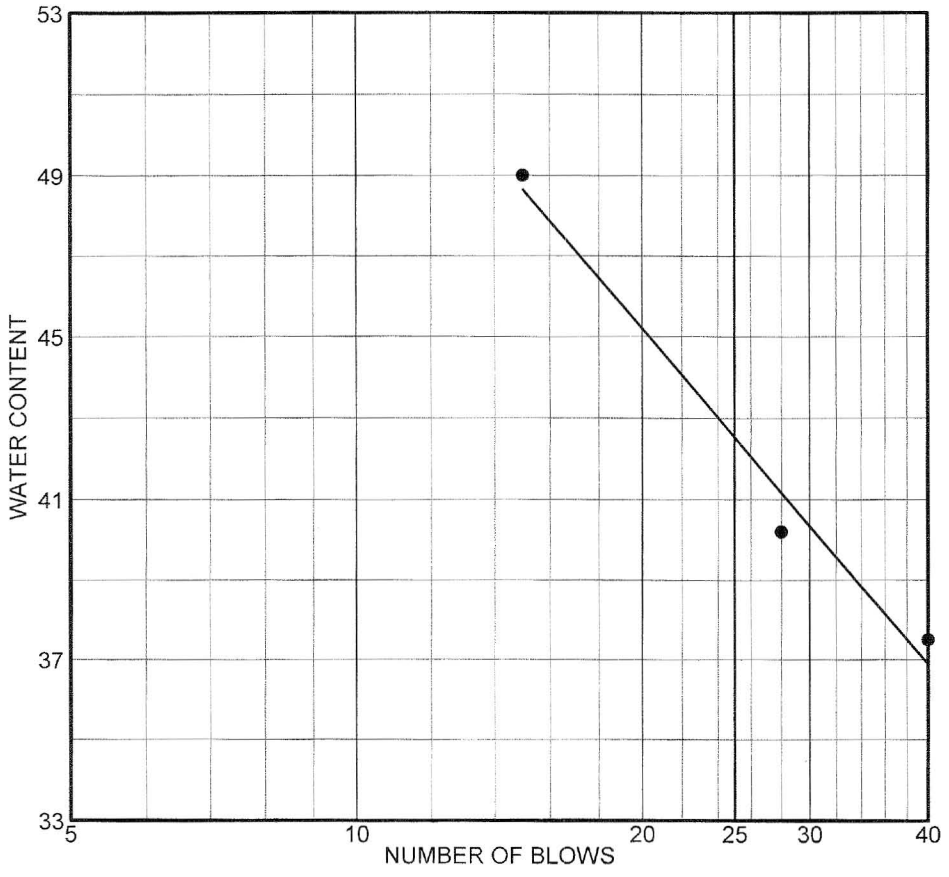
Project Vogtle Units 3 & 4 COL Project

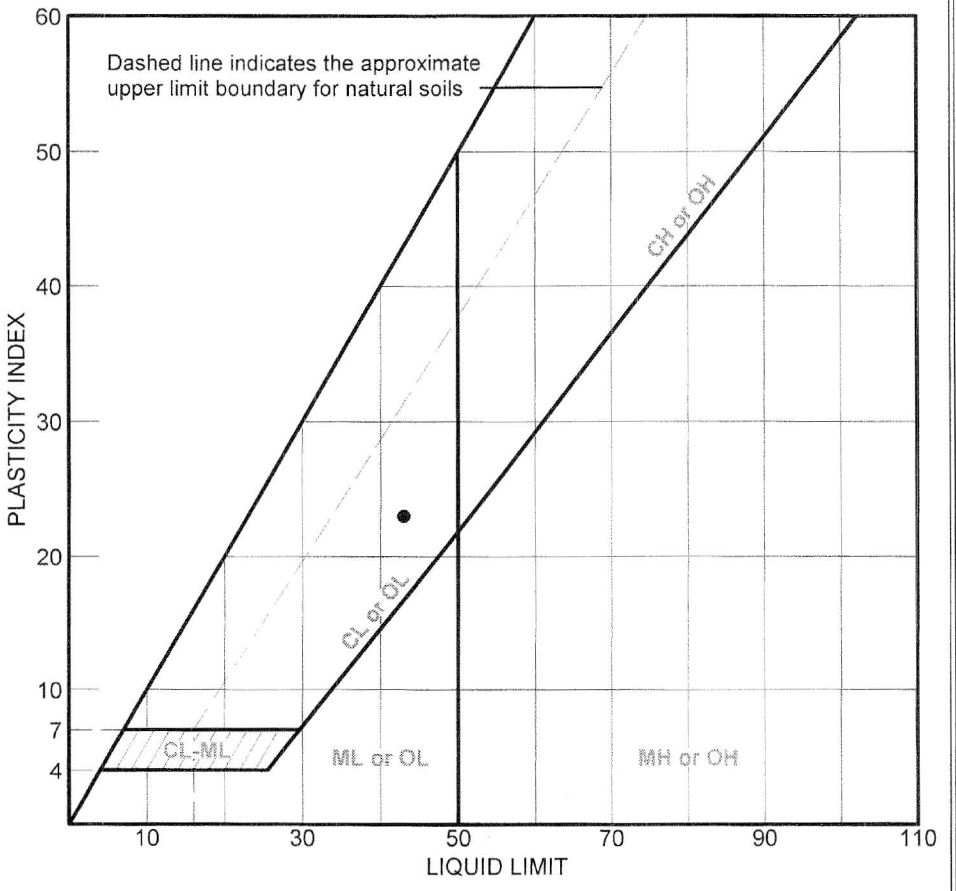
Project No. 6141-06-0286 Lab no. 6851

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: R.W. Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1157	SS-26	108.5/-21.73 ft.	12/7/06		CLAY, with sand (CL)	26.7	43	23

Client GPC c/o SNOC

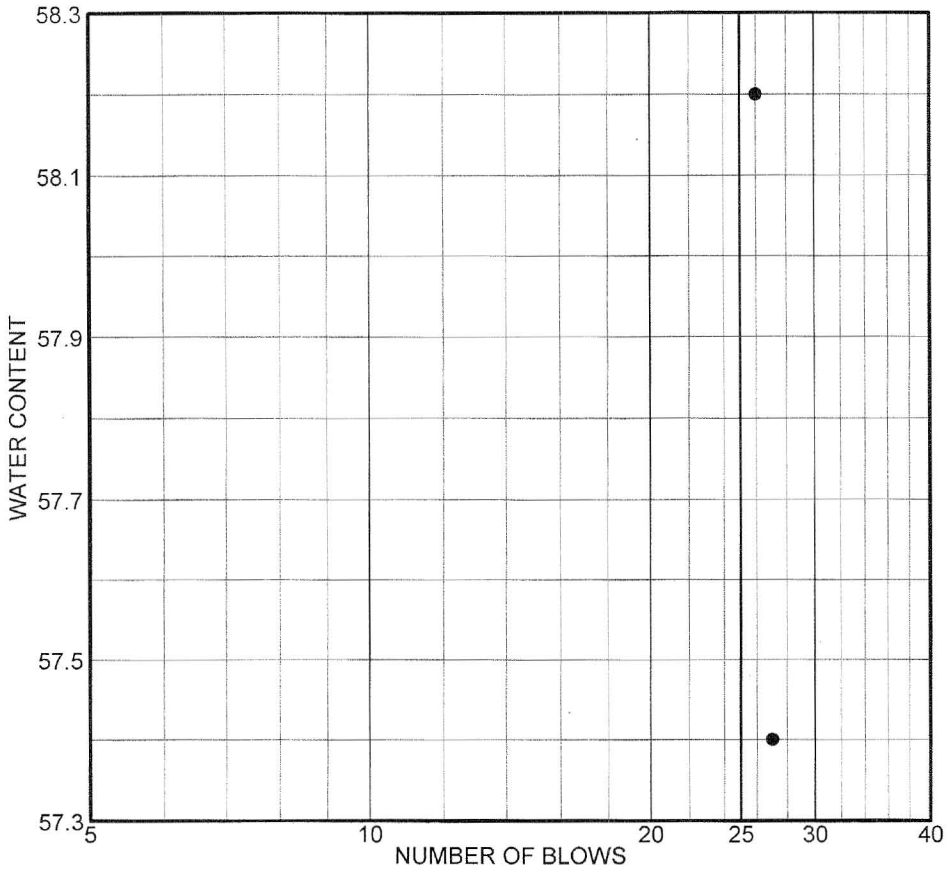
Project Vogtle Units 3 & 4 COL Project

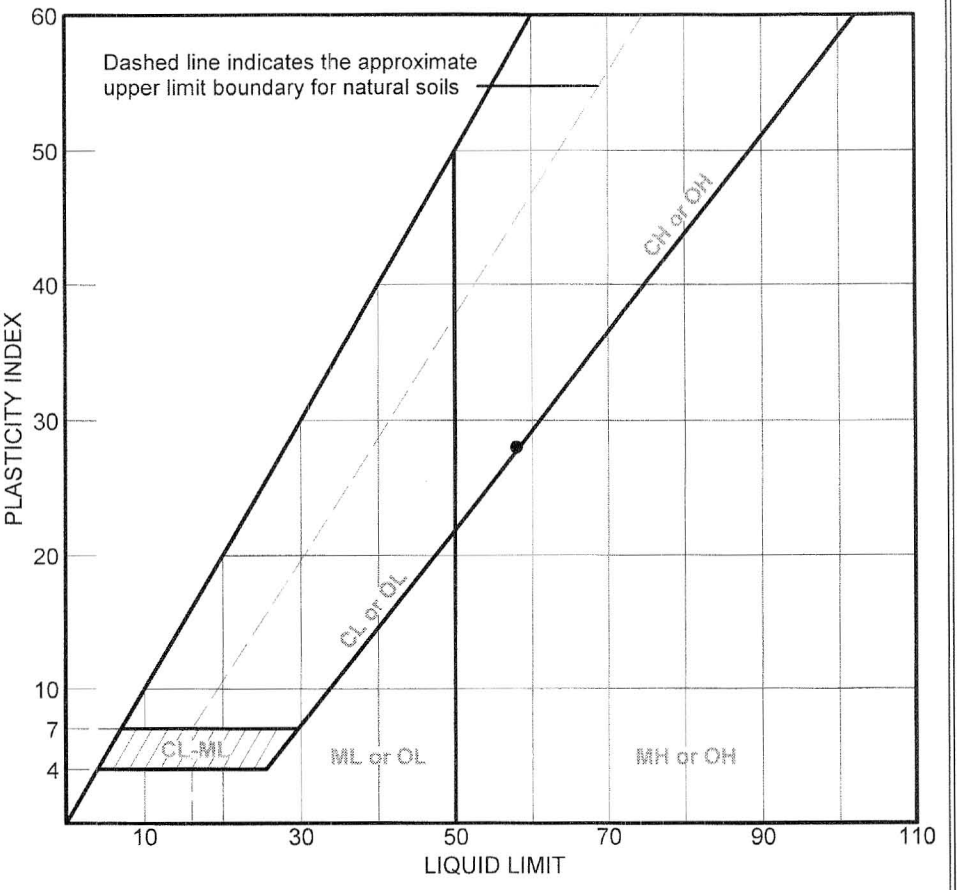
Project No. 6141-06-0286 Lab no. 6857

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: RW Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1159	SS-3	3.5/85.20 ft.	12/11/06		CLAY (CH)		58	28

Client GPC c/o SNOC

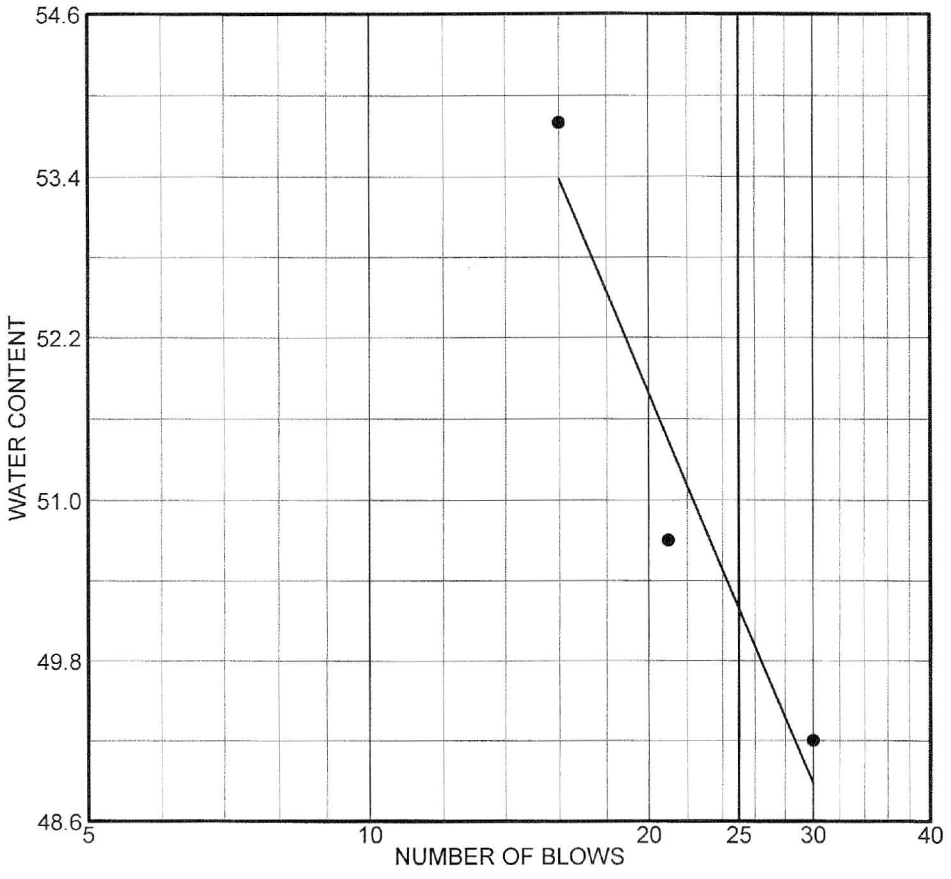
Project Vogtle Units 3 & 4 COL Project

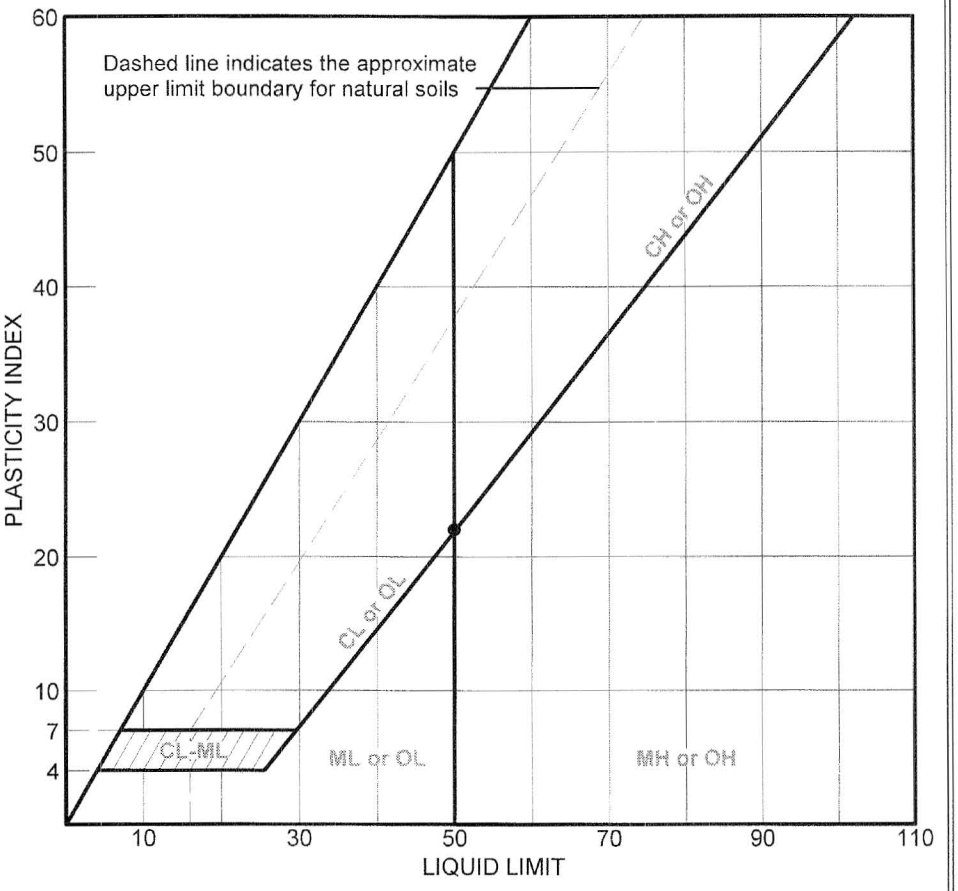
Project No. 6141-06-0286 Lab no. 6858

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: BM Reviewed by: HJ

LIQUID AND PLASTIC LIMITS TEST REPORT





	SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
●	B-1159	SS-6	11/77.70 ft.	12/11/06		CLAY, (CH)		50	22

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286 Lab no. 6859

MACTEC ENGINEERING AND CONSULTING, INC.

● Tested by: BM Reviewed by: HJ