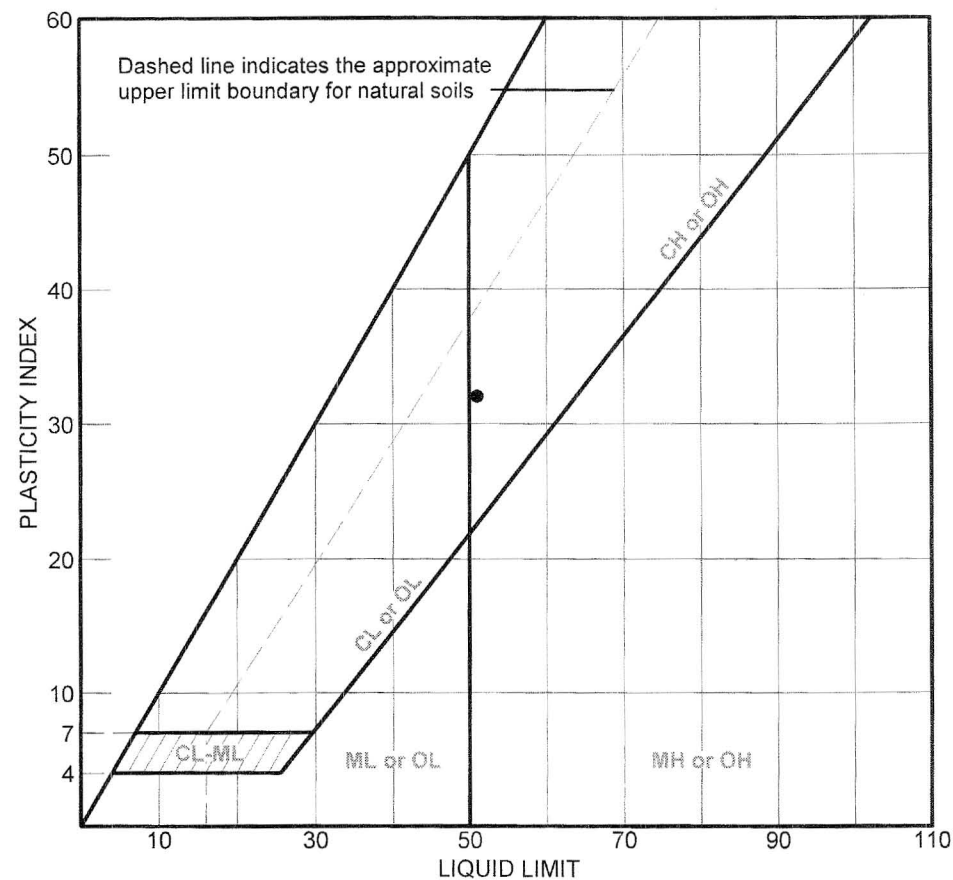
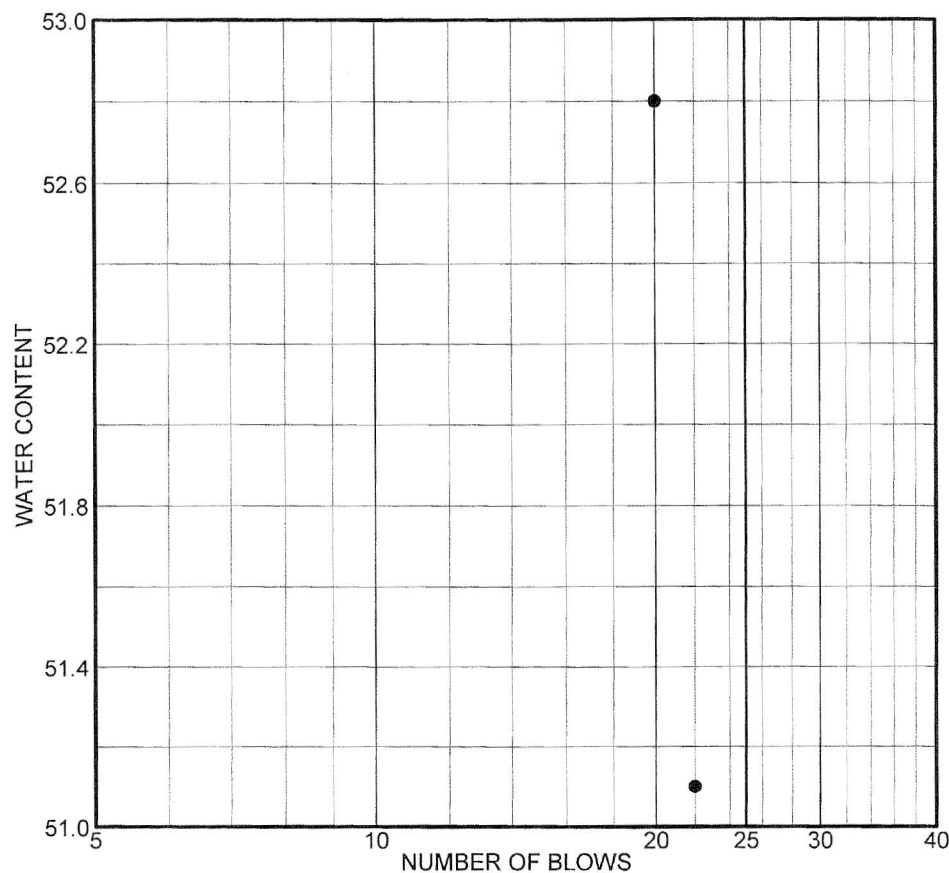


LIQUID AND PLASTIC LIMITS TEST REPORT



SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PI
B-4014	SS-8	18.5/202.24	1/17/07	SC	SAND, clayey (SC)		51	32
		Ft.						

Client GPC c/o SNOG

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286

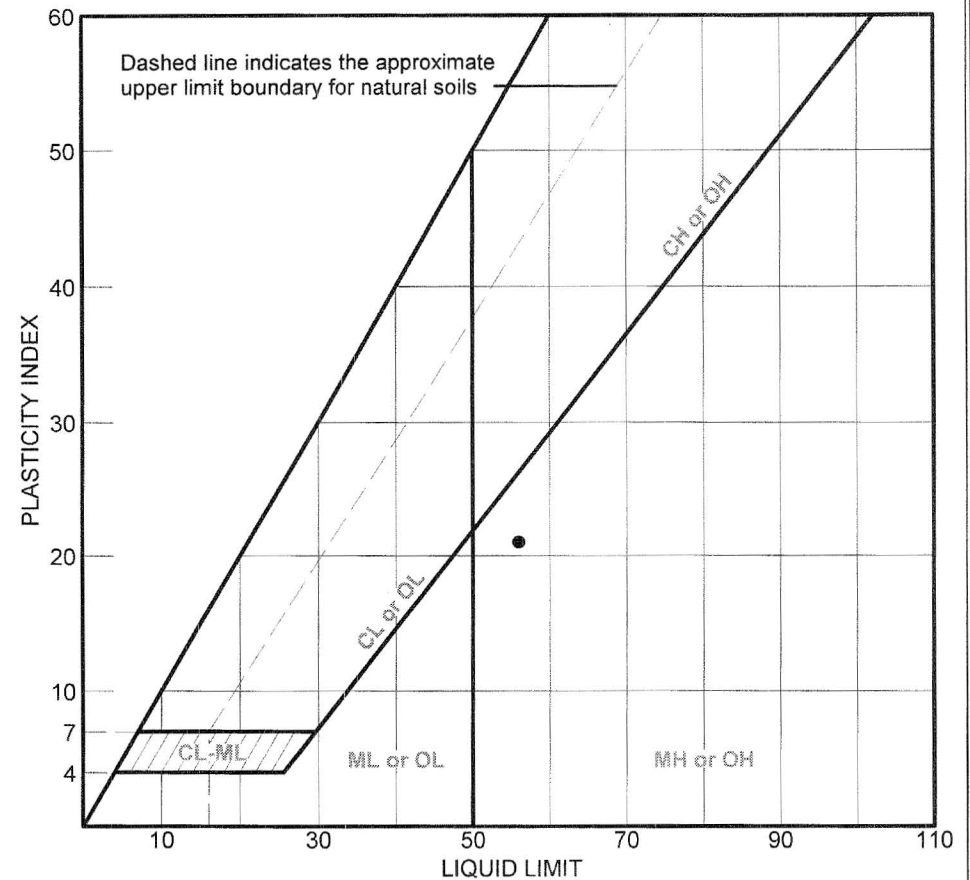
Lab no. 7303

**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-4014	SS-25	103.5/117.24	1/22/200	MH	SILT (MH)	29.9	56	21
		ft.						

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286

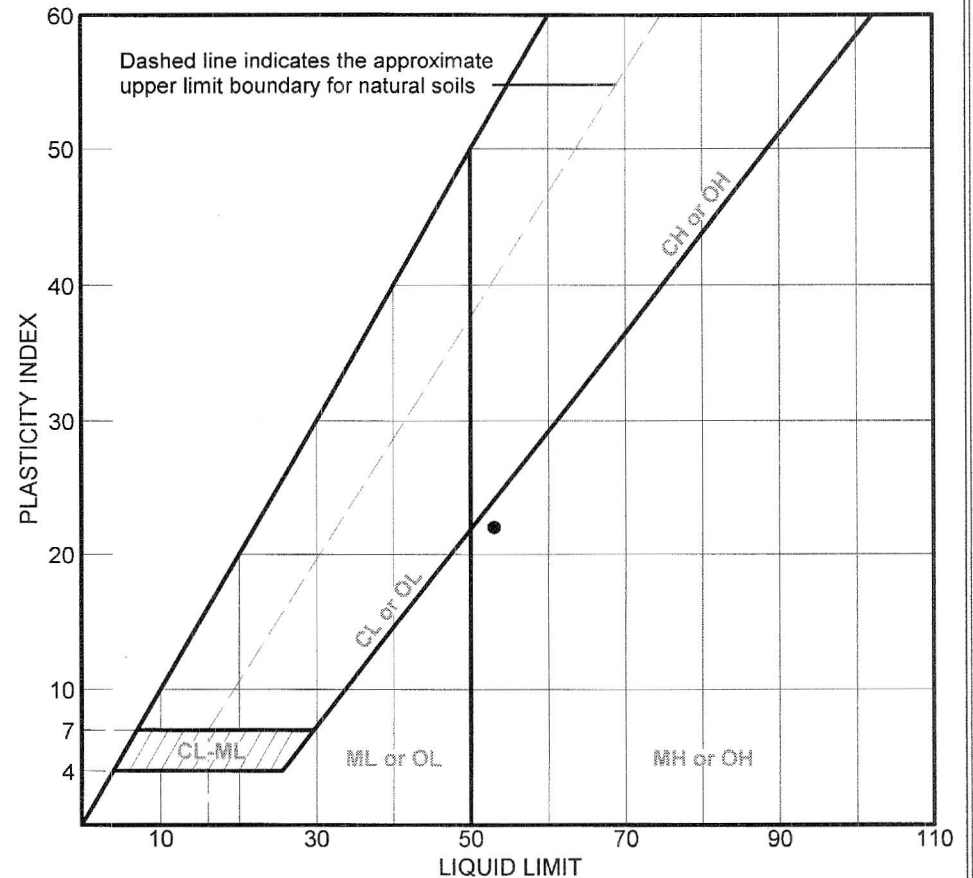
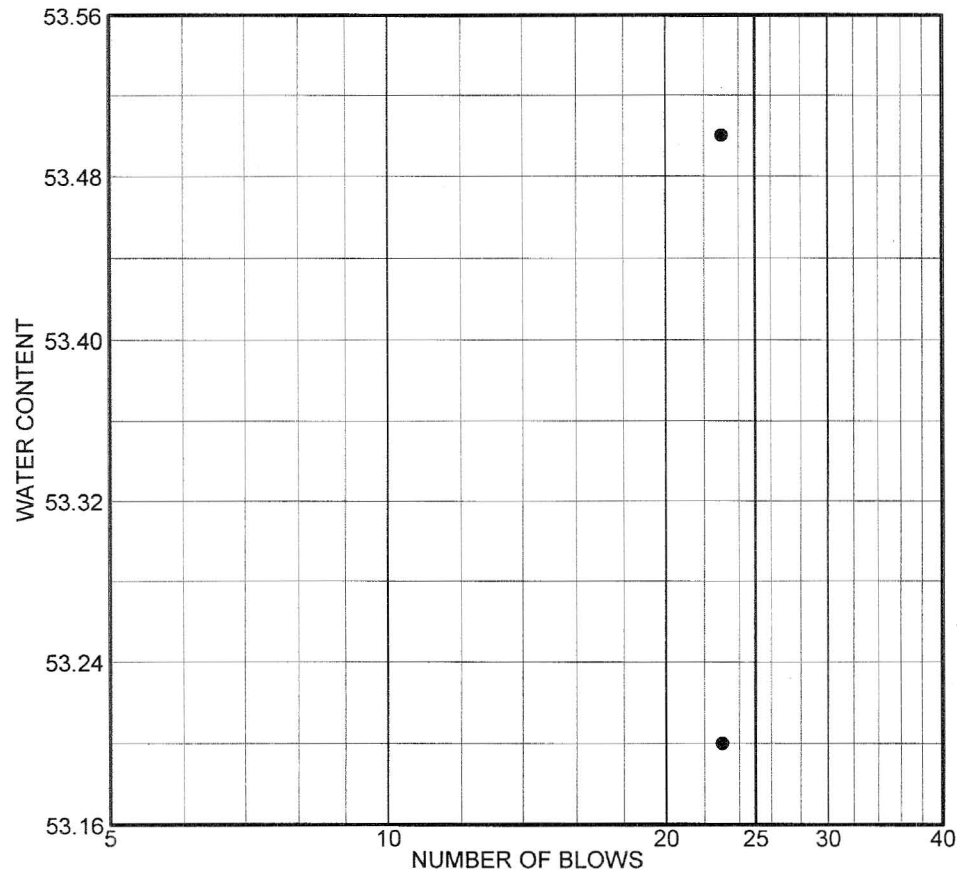
Lab no.

**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-4034	UD-5	113.5/109.29 ft.	3/19/07	MH	SILT, with shell hash and sand (MH)		53	22

Client GPC c/o SNOG

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286

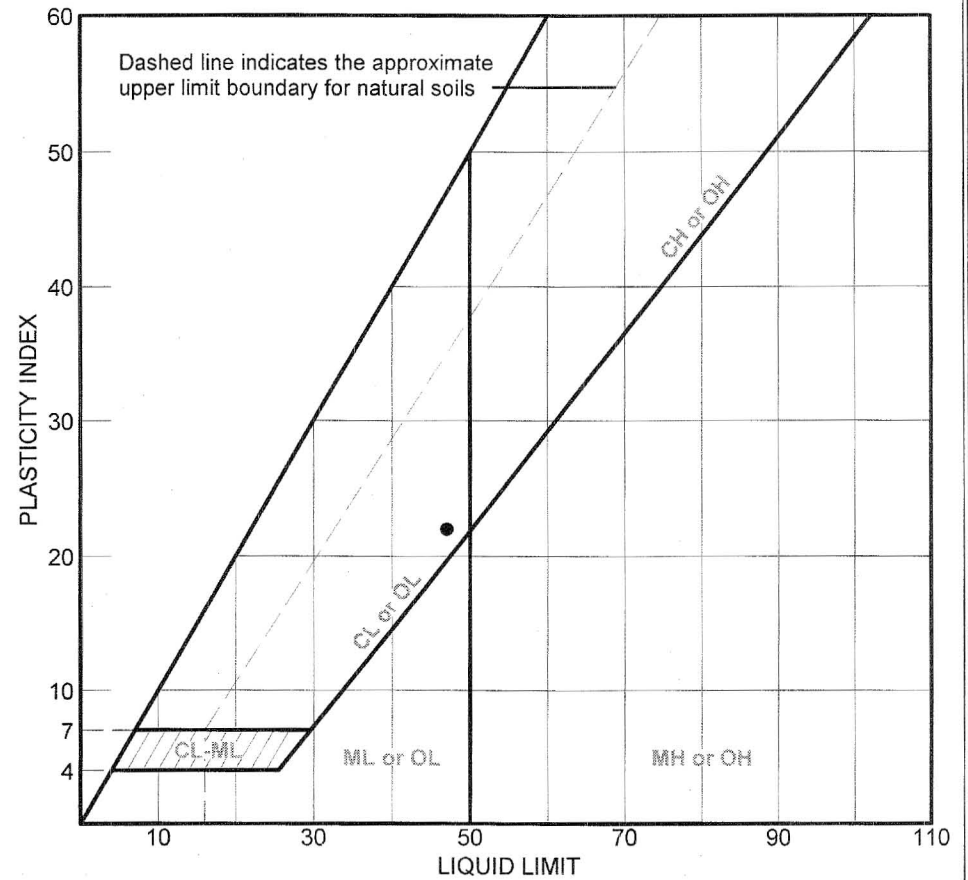
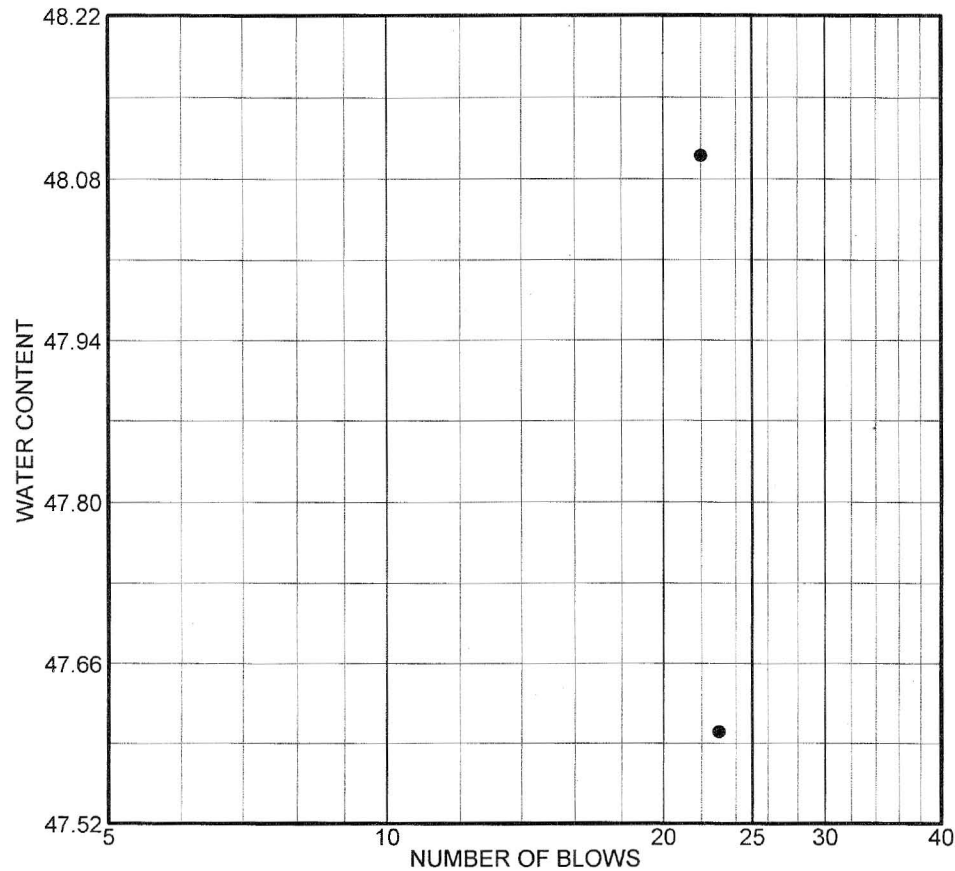
Lab no. 7623

**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-6020	SS-6	11/210.48	3/28/07	SC	SAND, clayey (SC)		47	22

Client GPC c/o SNOC

Project Vogtle Units 3 & 4 COL Project

Project No. 6141-06-0286

Lab no. 7828

**MACTEC ENGINEERING
AND
CONSULTING, INC.**

• Tested by: EH Reviewed by: HJ

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1105	SS-1	0/257.89 Ft.	SAND, silty (SM)	7109	8.3	12.5	69	19	
	SS-3	3.5/254.39 Ft.	SAND, silty (SM)	7110	18.5	33.3			
	SS-4	6.0/251.89 Ft.	SAND, silty (SM)	7111	12.5	17.7			
	SS-6	11.0/246.89 Ft.	SAND, silty (SM)	7112	12.9	20.0			
	SS-8	18.5/239.39	SAND, clayey (SC)	7113	23.8	33.8			
	SS-9	23.5/234.39 Ft.	SAND, clayey (SC)	7114	16.4	22.5			
	SS-11	33.5/224.39 Ft.	SAND, silty (SM)	7115	14.8	24.8			
	SS-13	43.5/214.39 Ft.	SAND, with silt (SP-SM)	7116	15.1	9.5			
B-1108	SS-2	1.5/272.06 Ft.	SAND, silty (SM)	7270		24.2	41	20	
	SS-3	3.5/270.06 Ft.	SAND, with silt (SP-SM)	7271		8.8			
	SS-4	6/267.56 Ft.	SAND, with silt (SP-SM)	7272		5.9			
	SS-6	11/262.56 ft.	SAND, with clay (SP-SC)	7273		11.1			
	SS-8	18.5/255.06 ft.	SAND, silty (SM)	7274		29.2			
	SS-9	23.5/250.06 Ft.	SAND, with silt (SP-SM)	7275		8.4			
	SS-11	33.5/240.06	SAND, with silt (SP-SM)	7276		7.7			
	SS-12	38.5/235.06 Ft.	SAND, clayey (SC)	7277		16.6			
B-1113	SS-2	1.5/248.49 Ft.	SAND, with silt (SP-SM)	7263		6.5	45	16	
	SS-4	6.0/243.99 Ft.	SAND, with silt (SP-SM)	7264		6.1			
	SS-5	8.5/241.49 Ft.	SAND, with silt (SP-SM)	7265		5.9			
	SS-6	11.0/238.99 Ft.	SAND, with silt (SP-SM)	7266		6.0			
	SS-8	18.5/231.49 Ft.	SAND (SP)	7267		4.1			
	SS-10	28.5/221.49 Ft.	SAND (SP)	7268		4.9			
	SS-11	33.5/216.49 Ft.	CLAY, with sand (CL)	7269		81.6			
B-1116	SS-2	1.5/260.32 Ft.	SAND, with silt (SP-SM)	7117	2.4	9.5			
	SS-4	6.0/255.82 Ft.	SAND, with silt (SP-SM)	7118	8.3	7.2			
	SS-6	11.0/250.82 Ft.	SAND, clayey (SC)	7119	8.5	18.5			
	SS-7	13.5/248.32 Ft.	SAND, clayey (SC)	7120	8.8	24.9			
	SS-9	23.5/238.32 Ft.	SAND, clayey (SC)	7121	17.1	21.5			
	SS-11	33.5/228.32 Ft.	SAND, clayey (SC)	7122	14.4	15.0			
B-1118	SS-5	8.5/249.41 Ft.	SAND, clayey (SC)	7260		24.6	83	32	
	SS-8	18.5/239.41 Ft.	SAND, clayey (SC)	7261		17.9			
	SS-10	28.5/229.41 Ft.	SAND, clayey (SC)	7262		17.9			
				7265 of 1625					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1121	SS-1	0/241.33 Ft.	SAND, silty (SM)	7123	10.2	18.4			
	SS-3	3.5/237.83 Ft.	SAND, silty (SM)	7124	13.3	13.4			
	SS-4	6.0/235.33 Ft.	SAND, silty (SM)	7125	12.6	25.0			
	SS-6	11.0/230.33 Ft.	SAND, clayey (SC)	7126	18.6	27.6	35	13	
	SS-9	23.5/217.83 Ft.	SAND, clayey (SC)	7127	20.8	15.4	77.0	27.0	
B-1123	SS-2	1.5/239.77 Ft.	SAND, silty (SM)	7243		12.4			
	SS-3	3.5/237.77 Ft.	SAND, silty (SM)	7244		14.9			
	SS-4	6.0/235.27 Ft.	SAND, with silt (SP-SM)	7245		9.6			
	SS-6	11.0/230.27 Ft.	SAND, clayey (SC)	7246		21.7	31	13	
	SS-7	13.5/227.77 Ft.	SAND, clayey (SC)	7247		27.5			
	SS-8	18.5/222.77 Ft.	SAND, clayey (SC)	7248		27.5			
	SS-10	28.5/212.77 Ft.	SAND, clayey (SC)	7249		26.1			
	SS-12	38.5/202.77 Ft.	SAND, clayey (SC)	7250		14.1	63	23	
B-1124	SS-3	3.5/237.71 FT	SAND, with silt (SP-SM)	7308		10.8			
	SS-5	8.5/232.71 Ft.	SAND, with silt (SP-SM)	7309		6.8			
	SS-7	13.5/227.71 Ft.	SAND, clayey (SC)	7310		20.5			
	SS-8	18.5/222.71 Ft.	SAND, clayey (SC)	7311	14.6	24.8	35	20	
	SS-10	28.5/212.71 Ft.	SAND, clayey (SC)	7312		25.3			
B-1125	SS-2	1.5/239.47 Ft.	SAND, silty (SM)	7313		13.6			
	SS-4	6.0/234.97 Ft.	SAND, with silt & gravel (SP-SM)	7314		8.2			
	SS-6	11.0/229.97 ft.	SAND, silty (SM)	7315		13.5			
	SS-8	18.5/222.47 Ft.	SAND, clayey (SC)	7316		17.3	35	22	
	SS-10	28.5/212.47 Ft.	Silt, with sand (MH)	7317		77.6	121	58	
B-1127	SS-3	3.5/216.17 Ft.	SAND, clayey, (SC)	7128	13.5	22.9	32	20	
	SS-6	11.0/208.67 Ft.	SAND, clayey (SC)	7129	16.1	22.4	46	22	
	SS-8	18.5/201.17 Ft.	SAND, with Silt (SP-SM)	7130	9.7	9.5			
	SS-9	23.5/196.17 Ft.	SAND, silty (SM)	7131	15.1	19.4			
B-1130	UD-1	28.5/188.96	SAND, clayey (SC)	7476		16.5			
	UD-3	38.5/178.96	SAND, with clay (SP-SC)	7478		6.7			
B-1132	UD-3	38.5/180.23	CLAY, sandy (CL)	7483			85	33	

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1133	UD-1	28.0/193.20	SAND, silty (SM)	7484		39.1			
	UD-2	33.0/188.20	SAND, silty (SM)	7485		14.4			
	UD-3	38.0/183.20	CLAY (CL)	7486		66.2			
B-1136	UD-2	33.5/188.15	SAND, silty clayey (SC-SM)	7487		19.9			
	UD-3	38.5/183.15	SAND, clayey (SC)	7488		36.9	107	58	
B-1138	SS-2	1.5/214.32 Ft.	SAND, clayey (SC)	7132	18.0	34.5			
	SS-4	6.0/209.82 Ft.	SAND, silty (SM)	7133	13.0	12.3			
	SS-6	11.0/204.82 Ft.	SAND, with silt (SP-SM)	7134	13.3	5.6			
	SS-8	18.5/197.32 Ft.	SAND, silty (SM)	7135	20.0	17.8			
	SS-10	28.5/187.32 Ft.	SAND, clayey (SC)	7136	31.4	32.7			
B-1139	UD-1	28.5/188.18	SAND, silty (SM)	7490	19.8	18.1			
	UD-2	33.5/183.18	SAND, silty (SM)	7491		16.1			
	UD-3	38.5/178.18	SAND, silty (SM)	7492		30.7	65	24	
B-1155	SS-3	3.5/81.45 Ft.	SAND, with gravel (SP)	6824		2.6			
	SS-6	11.0/73.95 ft	Silty, with sand (ML)	6825	42.5		37.3	21.5	
	SS-10	28.5-30.0 ft	SAND (SP)	6826	16.8		NV	NP	
	SS-11	33.5-35.0 ft	CLAY, with silt (CL)	6827	55.7		55.4	41.0	
	SS-14B	48.5/36.45 ft	SAND (SP)	6828	23.9	4.3			
	SS-18	68.5/16.45 ft	SAND, with clay (SP-SC)	6829	25.2	7.7			
	SS-21	83.5/1.45 Ft.	SAND (SP)	6830	14.0	4.3			
	SS-22	88.5-90.0 ft	CLAY (CL)	6831	58.1		111.9	39.0	
	SS-25	103.5/-18.55 ft	SAND, with clay (SP-SC)	6832	20.8	8.0			
	SS-27	113.5/-28.55	SAND, with silt (SP-SM)	6833	16.5		NV	NP	
	SS-34	148.5/-63.55	CLAY, with sand (CL)	6834	14.70		34.3	17.8	
B-1156	SS-4	6.0/79.7 Ft.	CLAY (CH)	6835		90.9	100	39	
	SS-6	11.0/74.70	CLAY, silty (CL-ML)	6836	56.2		44.1	33.8	
	SS-10	28.5/57.20 Ft.	SAND with clay (SP-SC)	6839		6.5			
	SS-13	53.5/32.20 Ft.	SAND, with silt (SP-SM)	6843		7.5			
	SS-16	68.5/17.20 Ft.	SAND, with silty clay (SP-SC)	6844		5.1			
	SS-18	78.5/7.20 Ft.	SAND, with silt (SP-SM)	6845		6.3			
	SS-21	98.5/-12.80 Ft.	SAND, silty, clayey (SC-	6847		12.1			

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1157			SM)						
	SS-3	3.5/83.27 Ft.	SAND (SP)	6848	17.5	1.1			
	SS-6	11.0/75.77	SILT (ML)	6849	58.4		39.0	26.4	
	SS-8	18.5/68.27	SILT (ML)	6850	49.9		59.3	42.0	
	SS-11	33.5/53.27	SILT (ML)	6851	38.4		56.0	22.4	
	SS-14A	48.5/38.27	CLAY (CL)	6852			44.4	17.0	
	SS-16	58.5/28.27 Ft.	SAND, clayey (SC)	6853	32.9	23.3			
	SS-19	73.5/13.27 ft	SAND, with clay (SP-SC)	6854	33.7	11.3			
	SS-21	83.5/3.27 Ft.	SAND (SP)	6855	25.1	3.3			
	SS-25	103.5/-16.73 ft	SAND, silty, clayey (SC-SM)	6856	32.8	26.6			
B-1159	SS-26	108.5/-21.73	CLAY, silty with sand (CL-ML)	6857	26.7		42.5	19.5	
	SS-3	3.5/85.20	SILT (ML)	6858			58	30	
	SS-6	11/77.70.	CLAY, silty (CL-ML)	6859			50	28	
	SS-8	18.5/70.20		6860			NV	NP	
	SS-8	18.5/70.20	SILT, clayey (ML)	6860			NV	NP	
	SS-12	38.5/50.20 Ft.	GRAVEL, silty with sand (GM)	6861		20.4			
	SS-14	48.5/40.20 Ft.	SAND, clayey (SC)	6862		15.2			
	SS-16	58.5/30.20 Ft.	SAND, with clay (SP-SC)	6863		11.7			
	SS-22	88.5/-2.4		6871			69	27	
B-1161	SS-3	3.5/82.60	CLAY, silty (CL-ML)	6864			56	32	
	SS-4	6/80.10	CLAY, silty (CL-ML)	6865			36	23	
	SS-6	11/75.10	CLAY, silty (CL-ML)	6866			40	25	
	SS-10	28.5/57.60 Ft.	SAND (SP)	6867		4.2			
	SS-11	33.5/52.60	SILT (MH)	6868			78	41	
	SS-12	38.5/47.60	SILT (MH)	6869			86	47	
	SS-14	48.5/37.60 Ft.	SAND, with silt (SP-SM)	6870		8.5			
	SS-22	88.5/-2.40	CLAY, sandy (CL)	6871			69	27	
B-1162	SS-3	3.5/82.05	CLAY, silty (CL-ML)	6872			58	28	
	SS-4	6-7.5 Ft.		6873			50	29	
	SS-6	11-12.5 Ft.		6874			NV	NP	
	SS-10	33.5-35.0 Ft.		6876			33	20	
	SS-11	38.5-40 Ft.		6877			38	20	
				6878					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1163	SS-13A	48.5/37.05	SAND, with silt (SP-SM)	6878		10.8			
	UD-2	53.5/32.05	CLAY, silty with sand (CL-ML)	7626		4.8	50	19	
	SS-16	73.5/12.05	SAND, with silty clay (SP-SC)	6879		6.1			
	SS-20	93.5-95.0 Ft.		6880			87	33	
	SS-26	138.5/-52.95 Ft.	SAND,silty (SM)	6882		13.9			
	SS-29	158.5/-72.95 Ft.	SAND,clayey (SC)	6883		34.8			
	UD-7	168.5/-82.95	SAND, clayey (SC)	7629		19.1	56	21	
	SS-31	188.5-190.0 Ft.		6885			51	25	
	SS-2	1.5-3 Ft.	Reddish Brown	6886			65	35	
	SS-3	3.5-5 Ft.	Brown	6887			58	33	
	SS-10	28.5-30 Ft.	Yellow Brown	6888			68	29	
	SS-11	33.5-35 Ft.	Grey	6889			60	25	
	SS-12	38.5-40 Ft.		6890			64	30	
	SS-15	53.5/32.45 Ft.	SAND, (SP)	6891		4.7			
	SS-19	73.5/12.45 Ft.	SAND,with silt (SP-SM)	6892		8.0			
B-1164	SS-22	88.5-90 Ft.		6893			98	38	
	UD-1	28.0/192.05	SAND, with silt (SP-SM)	7630			95	25	
	UD-2	38.0/182.05	SAND, clayey (SC)	7631		33.3	70	27	
B-1185	UD-4	98.0/122.05	SILT, with sand (MH)	7633		66.2	66	34	
	SS-2	1.5/225.28 Ft.	SAND,with silt (SP-SM)	7137	7.8	10.1			
B-1186	SS-4	6.0/220.78 Ft.	SAND,clayey (SC)	7138	11.0	20.5	46	15	
	SS-6	11.0/215.78 Ft.	SAND,clayey (SC)	7139	16.3	28.0	75	26	
	SS-11	33.5/193.28 Ft.	SAND,clayey (SC)	7140	34.4	22.3	96	33	
	SS-1	0/277.51 Ft.	SAND,with silt (SP-SM)	7141	6.9	9.2			
B-1189	SS-3	3.5/274.01 Ft.	SAND,with silt (SP-SM)	7142	8.8	9.4			
	SS-5	8.5/269.01 Ft.	SAND, clayey (SC)	7143	15.6	23.8			
	SS-7	13.5/264.01 Ft.	SAND,clayey (SC)	7144	19.3	32.4	57	22	
	SS-12	38.5/239.01 Ft.	SAND,silty,clayey(SC-SM)	7145	23.6	21.8			
				569 of 1625					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-1194	SS-2	1.5/278.48 Ft.	SAND,with silt (SP-SM)	7318		7.4			
	SS-4	6.0/273.98 Ft.	SAND, (SP)	7319		4.1			
	SS-6	11.0/268.98 Ft.	SAND, clayey (SC)	7320		21.8			
	SS-7	13.5/266.48 Ft.	SAND,clayey (SC)	7321		39.3	53	27	
	SS-8	18.5/261.48 Ft.	SAND,clayey(SC)	7325		37.6	59	25	
	SS-10	28.5/251.48 Ft.	SAND,silty (SM)	7322		23.7			
	SS-12	38.5/241.48 Ft.	SAND,clayey (SC)	7323		28.7	42	22	
	SS-14	48.5/231.48 Ft.	SAND,with silt(SP-SM)	7324		8.6			
	SS-1	0/199.58	SAND, with silt (SP-SM)	7026		6.6			
	SS-3	3.5/196.08	SAND, with silt (SP-SM)	7027		7.1	NV	NP	
	SS-5	8.5/191.08	SAND, silty (SM)	7028		22.1	NV	NP	
	SS-7	13.5/186.08	SAND, silty (SM)	7029		29.5			
	SS-9	23.5/176.08	SAND, clayey (SC)	7030		20.7			
	SS-11	33.5/166.08	SAND, with silt (SP-SM)	7031		10.8			
B-1196	SS-13	43.5/156.08	SAND, with clay (SP-SC)	7032		11.8			
	SS-1	0/221.11	SAND, with silt (SP-SM)	7040		7.0			
	SS-3	3.5/217.61	SAND, with silt (SP-SM)	7041		7.4			
	SS-5	8.5/212.61	SAND, with silt (SP-SM)	7042		6.7			
	SS-5	8.5/212.61	SAND, (SP)	7042		6.7			
	SS-7	13.5/207.61	SAND, silty (SM)	7043		17.4	NV	NP	
	SS-9	23.5/197.61	SAND, silty (SM)	7044		18.4	NV	NP	
	SS-11	33.5/187.61	SAND, clayey (SC)	7045		31.7			
	SS-13	43.5/177.61	SAND, clayey (SC)	7046		21.6			
B-3001	SS-2	1.5/216.90 Ft.	SAND,silty (SM)	7278		25.1			
	SS-4	6.0/212.40 Ft.	SAND, with silt (SP-SM)	7279		7.4			
	SS-6	11.0/207.40 Ft.	SAND,silty (SM)	7280		30.3			
	SS-7	13.5/204.90 Ft.	SAND,silty (SM)	7281		27.7			
	SS-8	18.5/199.90 Ft.	SAND,silty (SM)	7282		20.0			
	SS-10	28.5/189.90 Ft.	SAND,silty (SM)	7283		28.5			
	SS-11	33.5/184.90 Ft.	SAND,silty (SM)	7284	29.7	34.2			
	SS-12	38.5/179.9 Ft.	SAND,clayey (SC)	7285		25.7			
	SS-13	43.5/174.90 Ft.	SAND with silt (SP-SM)	7286		6.1			
	SS-15	53.5/164.90 Ft.	SAND (SP)	7287		4.8			
	SS-16	58.5/159.90 ft.	SAND,with silt (SP-SM)	7288		6.4			
	UD-4	113.5/104.90	CLAY, sandy (CH)	7570 of 1625		57.8	63	33	

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOG

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-3002	UD-5	133.5/84.90	CLAY, sandy (CL)	7496		67.5	47	23	
	UD-8	173.5/44.90	SAND, clayey (SC)	7498		11.6	43	24	
	UD-10	208.5/9.90	SAND, with clay (SP-SC)	7500		17.0	74	28	
	SS-3	3.5/215.39	SAND, silty (SM)	7657		18.7			
	SS-4	6.0/212.89	SAND, silty, clayey (SC-SM)	7658		35.2			
	SS-8	18.5/200.39	SAND, silty, clayey (SC-SM)	7659		17.5			
	SS-12	38.5/180.39	SAND, with silty clay (SP-SC)	7660		11.7			
	SS-15	53.5/165.39	SAND, with silty clay (SP-SC)	7661		6.3			
	SS-17	63.5/155.39	SAND, clayey (SC)	7662	47.0	15.7	137	31	
	SS-22	88.5/130.39	Silt (MH)	7663	47.9	97.5	93	46	
B-3003	UD-1	97.0/121.89	SILT (MH)	7502		75.1	94	40	
	SS-25	108.5/110.39	CLAY with sand (CH)	7664	33.4	70.2	93	35	
	UD-2	113.5/105.39	SAND, clayey (SC)	7503		46.1	85	35	
	SS-2	1.5/216.79	SAND, clayey (SC)	7665		33.3			
	SS-4	6.0/212.29	SAND, silty (SM)	7666		18.9			
	SS-9	23.5/194.79	SAND, silty (SM)	7667		14.7			
	SS-11	33.5/184.79	Silt, sandy (ML)	7668		55.3			
	SS-15	53.5/164.79	SAND, with silt (SP-SM)	7669		10.1			
	SS-16	58.5/159.79	SAND, silty (SM)	7670		15.4			
	SS-22	88.5/129.79	SILT (MH)	7671	42.3	95.4	98	45	
B-3004	SS-23	93.5/124.79	SILT (MH)	7672	48.8	88.3	95	43	
	SS-24	113.5/104.79	Gravel, clayey with sand (GC)	7673	22.0	40.8	60	32	
	SS-27	128.5/89.79	CLAY, with sand (CL)	7674	28.5	76.7	49	27	
	UD-5	148.0/70.29	CLAY, (CH)	7505		63.7	55	21	
	UD-6	163.0/55.29	SAND, clayey (SC)	7506		20.8			
	SS-3	3.5/215.01	SAND Clayey (SC)	7675		24.1			
	SS-5	8.5/210.01	SAND, clayey (SC)	7676		27.6			
	SS-8	18.5/200.01	SAND, with silt (SP-SM)	7677		7.3			
	SS-12	38.5/180.01	SAND, clayey (SC)	7678	28.2	22.8	63	31	
	SS-14	48.5/170.01	SAND, clayey (SC)	7679		13.9			

Client : GPC c/o SNOC PROJECT: Vogtle Units 3 & 4 COL Project Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-3005	SS-16	58.5/160.01	SAND, with silt (SP-SM)	7680		5.3			
	UD-1	93.0/125.51	CLAY (CL)	7507			97	53	
	SS-23	98.5/120.01	SILT (MH)	7681	32.2	92.6	80	43	
	SS-26	118.5/100.01	SILT (MH)	7682	39.1	72.8	60	32	
	SS-3	3.5/215.7	SAND, clayey (SC)	7683	14.1	23.5	34	18	
	SS-6	11.0/208.20	SAND, silty (SM)	7684	5.9	14.0	NV	NP	
	SS-9	23.5/195.70	SAND, clayey (SC)	7685	12.2	12.8	47	21	
	SS-14	48.5/170.70	SAND, with silt (SP-SM)	7686	19.2	9.6	NV	NP	
B-3006	UD-1	93.0/126.20	CLAY, silty (CL-ML)	7509		92.7			
	SS-23	103.5/115.70	SILT (MH)	7687	38.5	89.6	109	47	
	SS-25	123.5/95.70	CLAY, with sand (CH)	7688	29.8	75.1	50	24	
	UD-4	138.0/81.20	CLAY, silty (CL-ML)	7512		65.0	52	24	
	SS-4	6/211.59	SAND, silty, clayey (SC-SM)	7689		31.1			
	SS-7	13.5/204.09	SAND, silty, clayey (SC-SM)	7690		30.5			
	SS-9	23.5/194.09	SAND silty (SM)	7691		19.1			
	SS-15	53.5/164.09	SAND, with silty clay (SP-SC)	7692		7.1			
B-3007	SS-23	93.5/124.09	SILT, with sand (MH)	7693	31.9	70.7	67	39	
	SS-25	103.5/114.09	SILT (MH)	7694	42.2	91.2	80	42	
	SS-30	128.5/89.09	CLAY (CL)	7695	27.9	77.9	43	26	
	SS-33	143.5/74.09	Gravel, clayey with sand (GC)	7696	14.3	29.4	49	20	
	SS-5	8.5/212.28	SAND, silty (SM)	7697		20.1			
	SS-9	23.5/197.28	SAND, silty (SM)	7698		19.7			
	SS-14	48.5/172.28	SAND, with silty clay (SP-SC)	7699		10.5			
	SS-23	93.5/127.28	SILT (MH)	7700	42.2	91.4	112	64	
B-3008	SS-26	108.5/112.28	CLAY (CH)	7701	41.6	89.2	88	37	
	SS-2	1.5/216.36 Ft.	SAND, clayey (SC)	7251		22.2			
	SS-3	3.5/214.36 Ft.	SAND, clayey (SC)	7252		27.6			
	SS-4	6.0/211.86 Ft.	SAND, clayey (SC)	7253		24.5			
	SS-6	11.0/206.86 Ft.	SAND, clayey (SC)	6810	15.1	20.9			
	SS-9	23.5/194.36 Ft.	SAND, with silt (SP-SM)	7254		10.4			
				7254					
				7254					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-3009	SS-10	28.5/189.36 Ft.	SAND, clayey (SC)	7255		26.6	55	25	
	SS-11	33.5/184.36 Ft.	SAND, silty, clayey (SC-SM)	7256		31.5			
	SS-12	38.5/179.36 Ft.	SAND, silty, clayey (SC-SM)	7257		31.1			
	SS-13	43.5/174.36 Ft.	SAND, silty, clayey (SC-SM)	7258		14.5	42	23	
	SS-15	53.5/164.36 Ft.	SAND, with clay (SP-SC)	7259		5.4			
	SS-16	58.5/159.36 Ft.	SAND, clayey (SC)	6811	31.4	15.6			
	SS-27	113.5/104.36 Ft.	SILT	6812	52.12		57.6	35.5	
	SS-29	123.5-125 Ft.	Gray & Tan Clayey	6813	41.4		61.0	29.5	
	SS-4	6/211.85	SAND silty (SM)	7702		21.3			
	SS-9	23.5/194.35	SAND with silt (SP-SM)	7703		6.8			
B-3010	SS-13	43.5/174.35	SAND silty (SM)	7704		14.8			
	SS-24	98.5/119.35	CLAY with sand (CH)	7705	32.4	71.4	65	31	
	SS-30	128.5/89.35	CLAY, sandy (CL)	7706	24.8	65.9	46	22	
	SS-3	3.5/216.19	SAND, clayey (SC)	7707		21.6			
	SS-5	8.5/211.19	SAND, clayey (SC)	7708		39.3			
	SS-8	18.5/201.19	SAND, with silt (SP-SM)	7709		8.3			
B-3013	SS-25	108.5/111.19	CLAY (CL)	7710	36.8	90.8	ND	ND	
	SS-28	123.5/96.19	CLAY, sandy (CL)	7711	22.0	56.1	41	21	
	UD-2	128.5/91.19	CLAY (CL)	7514		75.4			
	SS-31	143.5/76.19	CLAY, sandy (CL)	7712	24.7	62.2	45	21	
	UD-1	98.5/122.01	SILT (MH)	7515		60.4	66	37	
B-3015	SS-3	3.5/218.28	SAND, silty (SM)	7713	12.4	16.0			
	SS-5	8.5/213.28	SAND, clayey (SC)	7714	15.0	42.1			
	SS-12	38.5/183.28	SAND, silty, clayey (SC-SM)	7715	38.2	29.0			
	SS-14	48.5/173.28	SAND, with silt (SP-SM)	7716	24.0	9.8			
	SS-25	103.5/118.28	SILT (MH)	7717	42.4	85.5	50	30	
	UD-1C	121.5/100.28	CLAY, silty (CL-ML)	7520		62.2	52	27	
B-3017	SS-1	0/222.10 Ft.	SAND, clayey (SC)	7255		14.4			

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-3018	SS-3	3.5/218.6 Ft.	SAND, clayey (SC)	7296		15.8			
	SS-5	8.5/213.60 Ft.	SAND, silty (SM)	7297		19.0			
	SS-7	13.5/208.60 Ft.	SAND, clayey (SC)	7298		31.6			
	SS-9	23.5/198.60 Ft.	SILT (MH)	7299		95.5	107	52	
	UD-1	93.0/129.10	SILT (MH)	7522		68.7	65	36	
	SS-4	6.0/213.80	SAND, clayey (SC)	7718	8.1	13.9			
	SS-7	13.5/206.30	SAND, clayey (SC)	7719	15.9	19.9			
	SS-10	28.5/191.30	SAND, silty (SM)	7720	20.1	19.3			
	SS-25	108.5/111.30	CLAY, silty (CL-ML)	7721	32.0	69.1	66	33	
	UD-2	113.5/106.30	SILT (MH)	7525		75.7	63	37	
B-3019	SS-28	128.5/91.30	CLAY (CL)	7722	24.9	75.1	46	22	
	SS-31	143.5/76.30	CLAY, silty with sand (CL-ML)	7723	28.3	75.6	34	23	
	SS-3	3.5/218.92	SAND, silty (SM)	7724		34.5			
	SS-8	18.5/203.92	SAND, silty (SM)	7725		17.8			
	SS-25	108.5/113.92	SILT (MH)	7726	38.9	84.9	71	35	
	UD-2	113.5/108.92	GRAVEL, silty (GM)	7528		30.3			
	SS-26	123.5/98.92	CLAY (CH)	7727	38.4	85.6	55	28	
	UD-2	148.5/74.69	SAND, with silt (SP-SM)	7533		7.9			
	UD-3	153.5/69.69	SAND, silty (SM)	7534	19.3	12.5			
	UD-2	103.0/119.81	CLAY (CH)	7536		44.8	62	26	
B-3025	SS-3	3.5/216.66	SAND, silty (SM)	7728		13.5			
	SS-6	11.0/209.16	SAND, silty (SM)	7729		24.9			
	SS-8	18.5/201.66	SAND, clayey (SC)	7730		30.8			
	SS-11	33.5/186.66	SAND, clayey (SC)	7731		41.6			
	SS-15	53.5/166.66	SAND, clayey (SC)	7732		13.2			
	SS-17	63.5/156.66	SAND, with clay (SP SC)	7733		8.4			
	UD-2	117.5/102.66	CLAY, silty (CL-ML)	7540		69.1	67	32	
	SS-4	6.0/212.21	SAND, clayey (SC)	7734		22.8			
	SS-7	13.5/204.71	SAND, clayey (SC)	7735		24.0			
	SS-10	28.5/189.71	SAND, clayey (SC)	7736		15.2			
B-3024	SS-11	33.5/184.71	SAND, clayey (SC)	7737		38.3			
	UD-2	133.5/84.71	CLAY, with sand (CH)	7542 of 1625		64.9	53	23	

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-3026	UD-1	28.5/187.26	SAND, clayey (SC)	7543		24.0			
	UD-3	38.5/177.26	SAND, clayey (SC)	7545		20.6			
B-3030	UD-1	30.0/191.99	SAND with silt (SP-SM)	7589		8.1			
	7590	35.0/186.99	SAND, silty (SM)	7590		6.7			
B-3031	UD-2	33.5/189.20	SAND, silty (SM)	7593	17.4	23.4			
	UD-1	30.0/192.70	SAND (SP)	7592	22.0	4.3			
B-3033	UD-1	13.5/208.76	SAND, with silt (SP-SM)	7595		8.5			
	UD-2	28.5/193.76	SAND, silty (SM)	7596	24.9	14.7			
	UD-3	33.5/188.76	SAND, with silt (SP-SM)	7597	18.3	9.6			
B-3034	UD-1	28.5/196.17	Sand, with silt (SP-SM)	7599	17.2	10.5			
	UD-2	33.5/191.17	Sand, silty (SM)	7600		14.2			
	UD-4	118.5/106.17	SILT, sandy (MH)	7602		69.0	68	36	
	UD-5	138.5/86.17	SAND, clayey (SC)	7603		15.5	40	19	
	UD-1	95.5/123.84	SILT (MH)	7546		90.8	93	47	
B-3035	SS-3	3.5/214.37 Ft.	SAND, silty (SM)	6799	13.3	19.2			
	SS-6	11/206.87 Ft.	SAND, silty (SM)	6800	13.3	15.8			
	SS-11	33.5/184.37 Ft.	SAND, clayey (SC)	6801		46.9			
	SS-13	43.5/174.37 Ft.	SAND, silty (SM)	6802	39.5	12.9			
	SS-18	68.5/149.37 Ft.	SAND, clayey (SC)	6803		23.5			
	SS-21	83.5/134.37 Ft.	SILT, sandy (ML)	6804	60.1	62.1			
	SS-22	88.5/129.37 Ft.	SAND, silty (SM)	6805	48.4	46.4			
	SS-24	98.5-100 Ft.	Gray Clayey	6806	34.8		68.6	37.4	
	SS-27	113.5-115 Ft.	Greenish Brown Clayey	6807	33.3		51.0	25.8	
	SS-35	153.5/64.37 Ft.	SAND, with clay (SP-SC)	6809	20.0	9.5			
	SS-2	1.5/217.38 Ft.	SAND, silty (SM)	7289		12.6			
	SS-5	8.5/210.38 Ft.	SAND, clayey (SC)	7290		25.4	49	24	
B-4001	SS-7	13.5/205.38 Ft.	SAND, with silt (SP-SM)	7291		8.2			
	SS-9	23.5/195.38 Ft.	Clay, silty with sand (CL-ML)	7292		57.2	110	49	
	SS-11	33.5/185.38 Ft.	SAND, clayey (SC)	7293		21.2			
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Vogtle COL Unit 3 & 4

Client : GPC c/o SNOC PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-4001	SS-13	43.5/175.38 Ft.	SAND, silty (SM)	7294		27.7	50	30	
	SS-23	93.5/125.38	SILT, with sand (ML)	7738	45.3	81.7	101	54	
	SS-25	108.5/110.38	SILT, sandy (MH)	7739	29.8	67.0	51	29	
	SS-28	138.5/80.38	SILT, with sand (ML)	7740	26.7	79.8	38	25	
	SS-29	143.5/75.38	CLAY, with sand (CH)	7741	30.2	74.2	56	26	
	SS-31	153.5/65.38	CLAY, with sand (CL)	7742	28.2	73.2	44	22	
B-4002	UD-3	118.5/100.38	SAND, silty (SM)	7550		44.1	96	59	
	UD-5	133.5/85.38	SILT (ML)	7551		57.1	50	28	
	UD-7	178.5/40.38	SAND, silty (SM)	7553		25.2			
	UD-9	238.5/-19.62	SILT, sandy (ML)	7555		69.6	45	27	
	UD-12	298.5/-79.62	SAND, silty (SM)	7557		13.7			
	UD-13	308.5/-89.62	CLAY (CL)	7558		67.4	49	22	
B-4003	UD-8	198.5/20.38	SAND, silty (SM)	7554	27.9	19.7			
	SS-4	6.0/213.06	SAND, with silt (SP-SM)	7743		8.0			
	SS-7	13.5/205.56	SAND, clayey (SC)	7744		47.2			
	SS-9	23.5/195.56	SAND, silty (SM)	7745		13.3			
	SS-11	33.5/185.56	SAND, clayey (SC)	7746		36.2			
	SS-16	58.5/160.56	SAND, with silt (SP-SM)	7747		10.2			
	SS-19	73.5/145.56	SAND, with silt (SP-SM)	7748		6.2			
	SS-23	103.5/115.56	SILT, with sand (MH)	7749	40.2	80.7	81	38	
	SS-26	118.5/100.56	CLAY (CH)	7750	38.9	87.0	78	35	
	SS-30	143.5/75.56	CLAY, sandy (CL)	7751	30.3	69.6	49	23	
B-4004	UD-3	173.5/45.56	SAND, silty (SM)	7562		5.4			
	SS-4	11.0/207.99	SAND, clayey (SC)	7752		20.8			
	SS-10	28.5/190.49	SAND, clayey (SC)	7753	22.4	28.8			
	SS-14	48.5/170.49	SAND, clayey (SC)	7754		20.3			
	SS-24	98.5/120.49	SILT (MH)	7755	50.8	94.1	98	51	
	SS-26	108.5/110.49	SILT, sandy (MH)	7756	30.2	63.0	61	32	
	SS-32	148.5/70.49	CLAY, with sand (CL)	7757	25.5	74.3	45	25	
	UD-5	201.0/17.99	SAND, silty (SM)	7566		18.3			
	UD-6	248.5/-29.51	SAND, silty (SM)	7567		17.8			
	SS-5	8.5/209.95 /ft.	SAND, silty (SM)	6814	14.7	24.9			
	SS-6	11/207.45	SAND, silty (SM)	7758		22.5			
	SS-8	18.5/199.95 Ft.	SAND, with silt (SP-SM)	6815	12.6	7.2			
	SS-11	33.5/184.95 Ft.	CLAY, sandy (CL)	6816 of 1625		56.9			

Client : GPC c/o SNOC PROJECT: Vogtle Units 3 & 4 COL Project Project number: 6141-06-0286

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Vogtle COL Unit 3 & 4

Client : GPC c/o SNOC PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-4009	UD-3	123.5/94.58	CLAY (CH)	7573		94.6	76	35	
	SS-31	153.5/64.58	CLAY, sandy (CL)	7784	26.6	67.7	47	23	
	SS-5	8.5/209.41	SAND, silty (SM)	7785		19.9			
	SS-8	18.5/199.41	SAND, silty, clayey (SC-SM)	7786		17.9			
	SS-12	38.5/179.41	SAND, silty (SM)	7787	47.0	42.2	45	27	
	SS-17	63.5/154.41	SAND, with silt (SP-SM)	7788		9.8			
	SS-24	98.5/119.41	SILT, (MH)	7789	45.4	93.3	109	62	
	UD-1	108.0/109.91	SILT, (MH)	7575		89.1	89	48	
B-4010	SS-28	123.5/94.41	SILT, with sand (MH)	7790	31.0	79.1	62	32	
	SS-34	158.5/59.41	CLAY, sandy (CH)	7791	26.5	69.9	60	26	
	SS-5	8.5/210.59 ft.	SAND, silty (SM)	7792		19.1			
	SS-10	28.5/190.59 ft.	SAND, silty, clayey (SC-SM)	7793		21.4			
	SS-14	48.5/170.59 ft.	SAND, silty, clayey (SC-SM)	7794		23.7			
	SS-25	108.5/110.59 ft.	SILT, with sand (MH)	7795	38.2	82.1	67	39	
	SS-29	143.5/75.59 ft.	CLAY, sandy (CH)	7796	31.1	69.9	56	26	
	SS-5	8.5/210.58 ft.	SAND, silty (SM)	7797		23.9			
B-4011	SS-9	23.5/195.58 ft.	SAND, silty, clayey (SC-SM)	7798		18.4			
	SS-15	53.5/165.58 ft.	SAND, with silt (SP-SM)	7799		10.2			
	SS-23	93.5/125.58 ft.	SILT, with sand (MH)	7800	30.8	76.0	71	46	
	SS-26	108.5/110.58 ft.	SILT, with sand (MH)	7801	37.2	84.1	65	36	
	SS-4	6.0/216.24 ft.	SAND, silty (SM)	7802		12.4			
	SS-10	21.0/201.24 ft.	SAND, Clayey (SC)	7803		31.1			
	SS-16	36.0/186.24 ft.	CLAY, sandy (CL)	7804		56.6			
	SS-22	51.0/171.24 ft.	SAND, clayey (SC)	7805		13.1			
B-4013	SS-2	1.5/219.24 Ft.	SAND, with silt (SP-SM)	7300		9.2			
	SS-4	6.0/214.74 Ft.	SAND, (SP)	7301		4.5			
	SS-6	11.0/209.74 Ft.	SAND, clayey (SC)	7302		25.7			
	SS-8	18.5/202.24 Ft.	SAND, silty, clayey (SC-	7303		25.5			
				7304					
				7305					
				7306					
				7307					
B-4014				7308					
				7309					
				7310					
				7311					
				7312					
				7313					
				7314					
				7315					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOG

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-4015	SS-10	28.5/192.24 Ft.	SM) SAND, silty, clayey (SC-SM)	7304		35.5			
	SS-12	38.5/182.24 Ft.	SILT, sandy (MH)	7305		67.4	95	49	
	SS-14	48.5/172.24 Ft.	SAND, clayey (SC)	7306		13.1			
	SS-16	58.5/162.24 Ft.	SAND, clayey (SC)	7307		12.8			
	SS-25	103.5/117.24 ft.	Silt, sandy (MH)	7806	29.9	67.8	56	35	
	SS-3	3.5/216.61 ft.	SAND, silty (SM)	7807		14.9			
	SS-16	58.5/161.61 ft.	SAND with silt (SP-SM)	7808		6.8			
	SS-22	88.5/131.61 ft.	SILT, (MH)	7809	41.1	81.6	83	49	
	SS-25	103.5/116.61 ft.	CLAY, with sand (CH)	7810	34.8	82.1	86	37	
	SS-32	138.5/81.61	CLAY, with sand (CL)	7811	21.0	75.0	44	21	
B-4016	SS-24	98.5/122.73 ft.	SILT, with sand (MH)	7812	44.3	79.7	88	45	
B-4018	SS-4	6.0/214.94 ft.	SAND, clayey (SC)	7813		27.1			
	SS-9	23.5/197.44	SAND, clayey (SC)	7814		17.0			
	SS-30	138.5/82.44 ft.	CLAY, with sand (CL)	7815	34.7	74.7	40	24	
B-4022	UD-4	128.5/91.80	CLAY (CL)	7584		81.8	35	23	
B-4023	SS-6	11.0/209.71 ft.	SAND, clayey (SC)	7816		24.8			
	SS-15	53.5/167.21	SAND, with clay (SP-SC)	7817		11.4			
B-4026	SS-3	3.5/217.21 ft.	SAND, clayey (SC)	7818		30.4			
	SS-9	23.5/197.21 ft.	SAND, clayey (SC)	7819		19.3			
	SS-4	6.0/215.54 ft.	SAND, silty with gravel	7820		11.0			
B-4030	SS-7	13.5/208.04 ft.	SAND, silty, clayey (SC-SM)	7821		28.4			
	SS-11	33.5/188.04	SAND, silty (SM)	7822		22.8			
	SS-15	53.5/168.04	SAND, silty, clayey (SC-SM)	7823		23.8			
	UD-1	13.5/208.85	SAND with silt (SP-SM)	7824		10.7			
				7825					

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOG

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-4031	UD-2	28.5/193.85	SAND with silt (SP-SM)	7605	12.5	8.5			
	UD-3	33.5/188.85	SAND with silt (SP-SM)	7606		9.6			
B-4032	UD-1	28.5/193.63	SAND, silty (SM)	7610		17.6			
B-4033	UD-1	28.5/191.74	SAND, silty (SM)	7613		22.9			
	UD-2	33.5/186.74	SAND, silty (SM)	7614		11.1			
	UD-3	38.5/181.72	SAND (SP)	7615		3.3			
B-4034	UD-1	28.5/191.43	SAND with silt (SP-SM)	7616	22.8	11.1			
	UD-2	33.5/186.43	SAND, silty clayey (SC-SM)	7617		36.6			
B-4035	UD-1	28.5/194.29	SAND, silty (SM)	7619	18.0	13.4	NV	NP	
	UD-3	38.5/184.29	SAND, with clay (SP-SC)	7621					
	UD-5	113.5/109.29	SILT, gravel with sand (MH)	7623		56.2	53	31	
B-6020	UD-6	143.5/79.29	CLAY, sandy (CL)	7624		61.9	47	26	
	UD-2	103.5/117.02	SILT (MH)	7587	24.3	83.8	86	50	
B-6021	UD-3	148.5/72.02	CLAY, sandy (CL)	7588		66.4	43	22	
	SS-2	1.5/219.98	SAND, clayey (SC)	7826		29.1	53	27	
	SS-4	6/215.48	SAND with silt (SP-SM)	7827		9.9	NV	NP	
B-6022	SS-6	11/210.48	SAND, silty, clayey (SC-SM)	7828		23.4	47	25	
	SS-14	48.5/172.98	SAND, silty (SM)	7829	44.3	41.6	111	60	
	SS-16	58.5/162.98	SAND, silty (SM)	7830	46.1	34.3	139	78	
B-6023	SS-4	6/203.8	SAND, clayey (SC)	7831		26.7	41	22	
	SS-7	13.5/196.30	SAND, silty (SM)	7832		33.6	47	28	
B-6027	SS-12	38.5/177.73	SAND, silty (SM)	7833	41.8	47.3	82	41	
	SS-14	48.5/167.73	SAND, clayey (SC)	7834	27.4	18.1	68	29	
B-6027	SS-5	8.5/194.27	SAND, clayey (SC)	7835		17.0	36	17	
	SS-3	7.5/89.15	SAND with silt (SP-SM)	7836	21.2	7.6			

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOC

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
B-6028	SS-5	12.5/84.15	SAND, with silt and gravel (SP-SM)	7432	16.3	9.9			
	SS-7	20/76.65	SAND, silty (SM)	7433	24.3	47.8			
	SS-8	23.5/73.15	SAND, silty (SM)	7434	22.9	46.5			
	SS-10	33.5/63.15	SAND, silty (SM)	7435	17.3	21.8			
	SS-11	38.5/58.15	SAND, with silt (SP-SM)	7436	23.8	6.7			
	SS-13	48.5/48.15	SAND, with silt (SP-SM)	7437	29.5	8.7			
	SS-14	53.5/43.15	SAND, silty (SM)	7438	23.8	22.5	46	29	
	SS-15	58.5/38.15	SAND, silty (SM)	7439	32.4	21.2	45	29	
	SS-16	63.5/33.15	SAND, with silt (SW-SM)	7440	24.8	8.8			
	SS-3	3.5/92.20	SAND, with silt (SP-SM)	7441	9.5	10.8			
	SS-5	8.5/87.20	SAND, with silt (SP-SM)	7442	8.1	11.6			
	SS-6	11/84.70	SAND, with silt (SP-SM)	7443	14.4	9.0			
	SS-8	18.5/77.20	SILT (ML)	7444	33.0	97.4	49	28	
	SS-10	28.5/67.20	SAND (SP)	7445	25.6	2.4			
	SS-12	38.5/57.20	SAND (SP)	7446	19.8	1.6			
	SS-14	48.5/47.20	SAND, with silt (SW-SM)	7447	19.6	6.8			
B-6029	SS-3	3.5/81.91	SAND, clayey (SC)	7448	33.2	42.9	43	20	
	SS-5	8.5/76.91	CLAY, sandy (CL)	7449	37.1	55.8	42	20	
	SS-6	11/74.41	SAND, silty (SM)	7450	32.7	45.8			
	SS-8	18.5/66.91	CLAY, sandy (CH)	7451	46.2	69.8	76	26	
	SS-12	38.5/46.91	SAND, with silt (SP-SM)	7452	23.4	10.9			
B-6030	SS-2	1.5/86.87	CLAY, sandy (CL)	7453	31.4	70.0	42	23	
	SS-4	6/82.37	SAND, clayey (SC)	7454	26.4	29.1	69	22	
	SS-6	11/77.37	SAND, silty (SM)	7455	31.1	33.0			
	SS-8	18.5/69.87	SAND, silty (SM)	7456	47.7	49.3	NV	NP	
	SS-9	23.5/64.87	SAND, silty (SM)	7457A	42.5	46.9	42	28	
	SS-12	38.5/49.87	SAND, with silt (SP-SM)	7458	23.1	7.9			
	SS-13	43.5/44.87	CLAY, sandy (CH)	7459	35.9	55.5	54	22	
TP-B-1108	B1	8.5/255.64 Ft.	SAND, silty (SM)	7351	14.8	24.9			120.0
TP-B-1117	B1	6/263.50 Ft.	SAND, with silt (SP-SM)	7348	5.1	7.8			111.3

Vogtle COL Unit 3 & 4

Client

: GPC c/o SNOG

PROJECT: Vogtle Units 3 & 4 COL Project

Project number: 6141-06-0286

Boring no.	Sample no.	Depth (ft.)	Material description	Lab no.	% moisture	% fines	Liquid limit	Plastic limit	Maximum density
TP-B-1125	B1	6/235.17 Ft.	SAND, silty (SM)	7347	13.7	12.3	NV	NP	116.3
TP-B-1185	B1	6/234.61 Ft.	SAND, with silt (SP-SM)	7349	7.3	5.0	NV	NP	107.1
TP-B-1194	B1	6/219.17 Ft.	SILT, with sand (MH)	7354	63.3	73.3	91	46	
TP-B-1197	B1	5/197.73 Ft.	SAND, with silt (SP-SM)	7352	5.4	28.1			112.8
	B2	8/194.73 Ft.	SAND, silty, clayey (SC-SM)	7353	15.1	28.1	37	22	120.7
	B1	5/240.94 Ft.	SAND, with silt (SP-SM)	7350	6.6	10.1	NV	NP	113.2
B-1195	SS-2	1.5/197.85	SAND, with silt (SP-SM)	7033	5.4	7.1	NV	NP	
	SS-4	6/193.35	SAND, with silt (SP-SM)	7034	7.2	6.8	NV	NP	
	SS-6	11/188.35	SAND, clayey (SC)	7035	14.5	18.4			
	SS-8	18.5/180.85	SAND, clayey (SC)	7036	13.5	22.8			
	SS-10	28.5/170.85	SAND, clayey (SC)	7037	19.7	19.3			
	SS-12	38.5/160.85	SAND, clayey (SC)	7038	33.1	25.2			
	SS-14	48.5/150.85	SAND, clayey (SC)	7039	39.8	35.6			
B-1197	SS-2	1.5/219.10	SAND, with silt (SP-SM)	7047	5.6	9.9	NV	NP	
	SS-4	6/214.60	SAND, silty (SM)	7048	14.2	12.3			
	SS-6	11/209.60	SAND, silty (SM)	7049	11.9	13.8	NV	NP	
	SS-8	18.5/202.10	SAND, with silt (SP-SM)	7050	13.5	8.4			
	SS-10	28.5/192.10	SAND, with silt (SP-SM)	7051	17.1	10.5			
	SS-12	38.5/182.10	SAND, with silt (SP-SM)	7052	5.9	8.1			
	SS-14	48.5/172.10	SAND, silty (SM)	7053	48.5	43.3			
B-4032A	UD-1	38.5/181.72	SAND (SP)	7615	19.2	3.3			
						total=486			
582 of 1625									

SPECIFIC GRAVITY TEST

ASTM D854 - 06

Project No. 6141-06-0286
 Project Name Vogtle Col Unit 3 & 4

Tested By EH
 Test Date 1/07-07/07

Record No. 489
 Reviewed By HJ
 Review Date 7/30/2007

Boring No.	Sample No. or Depth Ft.	Pan No.	Lab No.	Flask no.	Temperature (°C)	Weight, WF (grams)	Weight, WFS (grams)	Weight of Soil (grams)	Weight, CWF (grams)	Weight, DS (grams)	Specific Gravity (at test temp.)	Specific Gravity (at 20°C)
B-1155	SS-3 (3.5-5.0)	57	6824	27	22.6	201.75	239.74	37.99	363.85	387.51	2.651	2.649
B-1155	SS-6(11-12.5)	11	6825	8	22.7	183.66	201.65	17.99	346.80	358.20	2.730	2.727
B-1155	SS-14 (48.5-50)	5	6828	7	22.6	172.83	225.84	53.01	347.15	380.81	2.740	2.737
B-1156	SS-4 (6-7.5)	17	6835	27	22.6	293.15	321.94	28.79	363.42	381.79	2.763	2.761
B-1156	SS-6 (11-12.5)	31	6836	SB7	22.7	182.93	212.86	29.93	366.27	384.98	2.668	2.665
B-1157	SS-3 (3.5-5.0)	38	6848	SP5	22.5	199.30	246.84	47.54	364.48	394.14	2.659	2.656
B-1157	SS-6 (11-12.5)	22	6849	3	22.6	163.76	193.63	29.87	338.40	357.01	2.653	2.650
B-1157	SS-8 (18.5-20)	42	6850	4	22.6	161.82	185.81	23.99	341.27	355.89	2.560	2.558
B-1159	SS-6	V-77	6859	2184	24.0	252.28	287.01	34.73	364.40	385.67	2.580	2.579
B-1159	SS-8	R-28	6860	2054	24.0	190.69	224.79	34.10	338.35	359.27	2.587	2.586
B-1159	SS-3	V-31	6858	2192	23.0	241.24	275.56	34.32	366.20	388.17	2.78	2.777
B-1161	SS-10	V-81	6867	2057	23.5	189.26	243.83	54.57	341.25	375.63	2.703	2.701
B-1161	SS-12	R-6	6869	2193	23.0	244.76	279.43	34.67	366.00	387.29	2.591	2.590
B-1162	55.0	V-75	7626	2184	22.5	237.79	271.96	34.17	363.73	385.14	2.678	2.676
B-1162	SS-6	R-2	6874	2197	24.0	201.07	235.65	34.58	346.70	368.76	2.762	2.760
B-3001	115.5	WB-14	7495	2192	23.5	207.56	247.22	39.66	366.20	390.94	2.658	2.657
B-3001	135.5	WB-5	7496	2192	24.2	206.67	265.57	58.90	366.43	402.82	2.617	2.614
B-3001	210.5	V-25	7500	2184	23.5	249.90	304.36	54.46	363.65	398.56	2.786	2.783
B-3013	99.7	V-72	7515	2055	21.0	180.72	213.47	32.75	341.40	361.82	2.656	2.654
B-3017	95.0	R-79	7522	2057	21.0	176.31	212.14	35.83	341.43	363.63	2.629	2.627
B-3030	UD-2	V-16	7590	2197	24.3	201.44	235.72	34.28	346.70	368.40	2.725	2.723
B-3033	UD-1	C-13	7595	2053	24.0	197.60	253.55	55.95	339.45	374.60	2.690	2.688
B-3033	UD-4	R-19	7598	2193	23.5	244.29	299.66	55.37	366.00	401.00	2.718	2.716
B-4001	310.5	E-1	7558	2184	25.0	229.41	262.81	33.40	363.55	384.51	2.685	2.683

SPECIFIC GRAVITY TEST

ASTM D854 - 06

Project No. 6141-06-0286
 Project Name Vogtle Col Unit 3 & 4

Tested By EH
 Test Date 1/07-07/07

Record No. 489
 Reviewed By HJ
 Review Date 7/30/2007

Boring No.	Sample No. or Depth Ft.	Pan No.	Lab No.	Flask no.	Temperature (°C)	Weight, WF (grams)	Weight, WFS (grams)	Weight of Soil (grams)	Weight, CWF (grams)	Weight, DS (grams)	Specific Gravity (at test temp.)	Specific Gravity (at 20°C)
B-4002	125.5	WB-14	7561	2053	25.0	169.71	215.71	46.00	339.25	367.93	2.656	2.653
B-4004	SS-5	R-43	6814	2055	24.0	198.59	233.41	34.82	341.15	363.30	2.748	2.746
B-4004	SS-8	V-61	6815	2053	24.2	193.31	249.82	56.51	339.40	374.92	2.692	2.692
B-4007	100.5	C-31	7568	2057	23.8	190.72	225.16	34.44	341.15	362.87	2.708	2.707
B-4007	UD-1	C-31	7568	2057	23.8	190.72	225.16	34.44	341.15	362.87	2.708	2.705
B-4008	125.5	V-32	7573	2052	24.0	204.49	239.01	34.52	343.00	364.28	2.607	2.605
B-4008	UD-3	V-32	7573	2052	24.0	204.49	239.01	34.52	343.00	364.28	2.607	2.605
B-4030	UD-1	V-65	7604	2055	23.8	198.30	255.10	56.80	341.20	377.10	2.718	2.715
B-4030	UD-5	R-11	7608	2052	24.0	197.54	232.19	34.65	343.00	364.74	2.684	2.681
B-4034	146.0	C-21	7624	2197	24.5	182.93	224.20	41.27	346.70	372.91	2.740	2.738

WF= Water and Flask

WFS= Water, Flask and Soil

CWF = Calibration Water and Flask

DS = Deaired Sample, Water and Flask

COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/10/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1125

Elev./Depth: 6/234.61 Ft.

Sample No. B1

Remarks: Tested by: CS

Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, with silt (SP-SM)

Classifications -

USCS: SP-SM

AASHTO: A-3

Nat. Moist. = 7.3 %

Sp.G. = 2.7

Liquid Limit = NV

Plasticity Index =

% > No.4 = 0.0 %

% < No.200 = 5.0 %

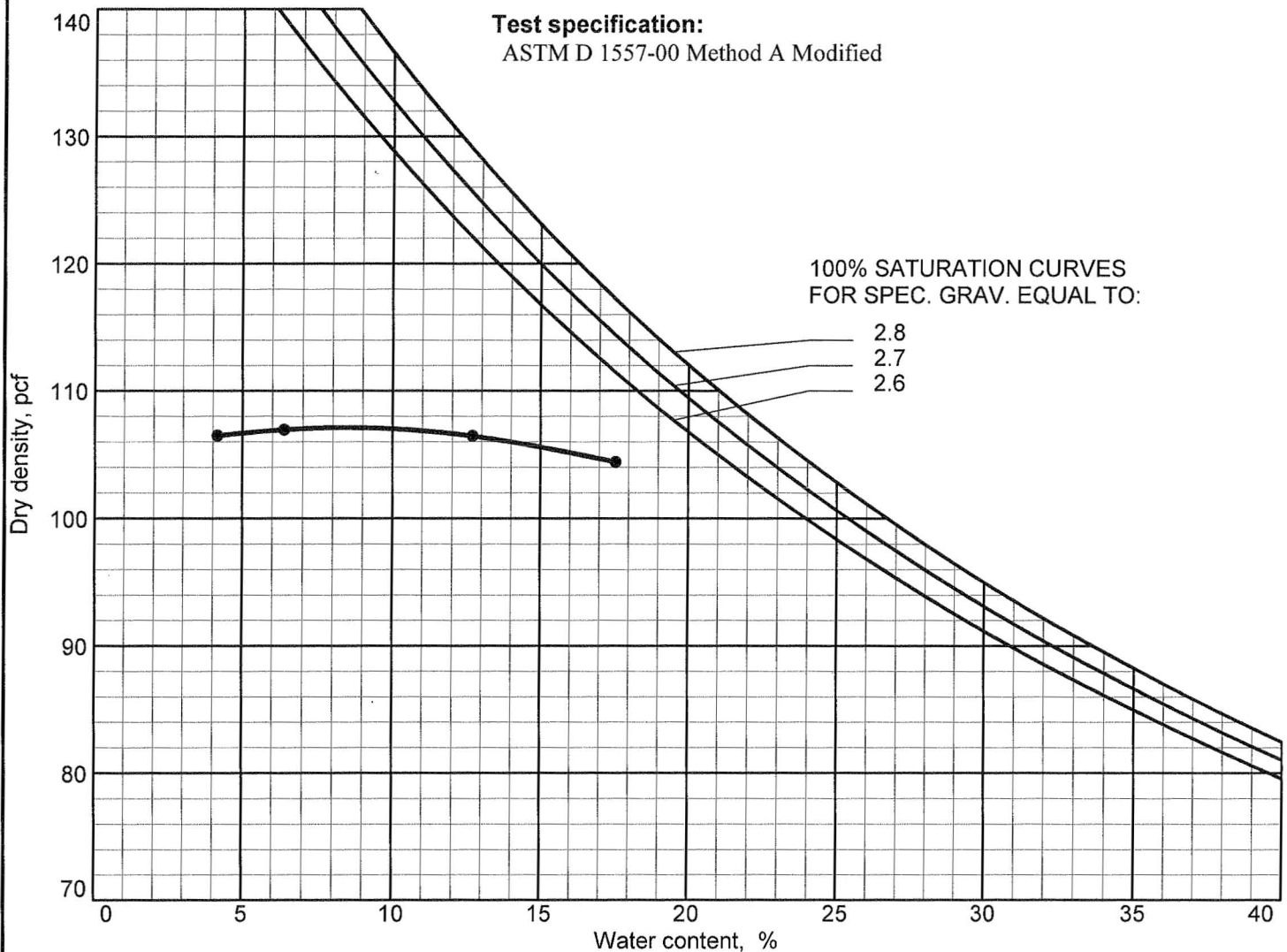
TEST RESULTS

Maximum dry density = 107.1 pcf

Optimum moisture = 8.5 %

Test specification:

ASTM D 1557-00 Method A Modified



COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/12/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1121

Elev./Depth: 6/235.17 Ft.

Sample No. B1

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, silty (SM)

Classifications -

USCS: SM

AASHTO: A-2-4(0)

Nat. Moist. = 13.7 %

Sp.G. = 2.7

Liquid Limit = NV

Plasticity Index = NP

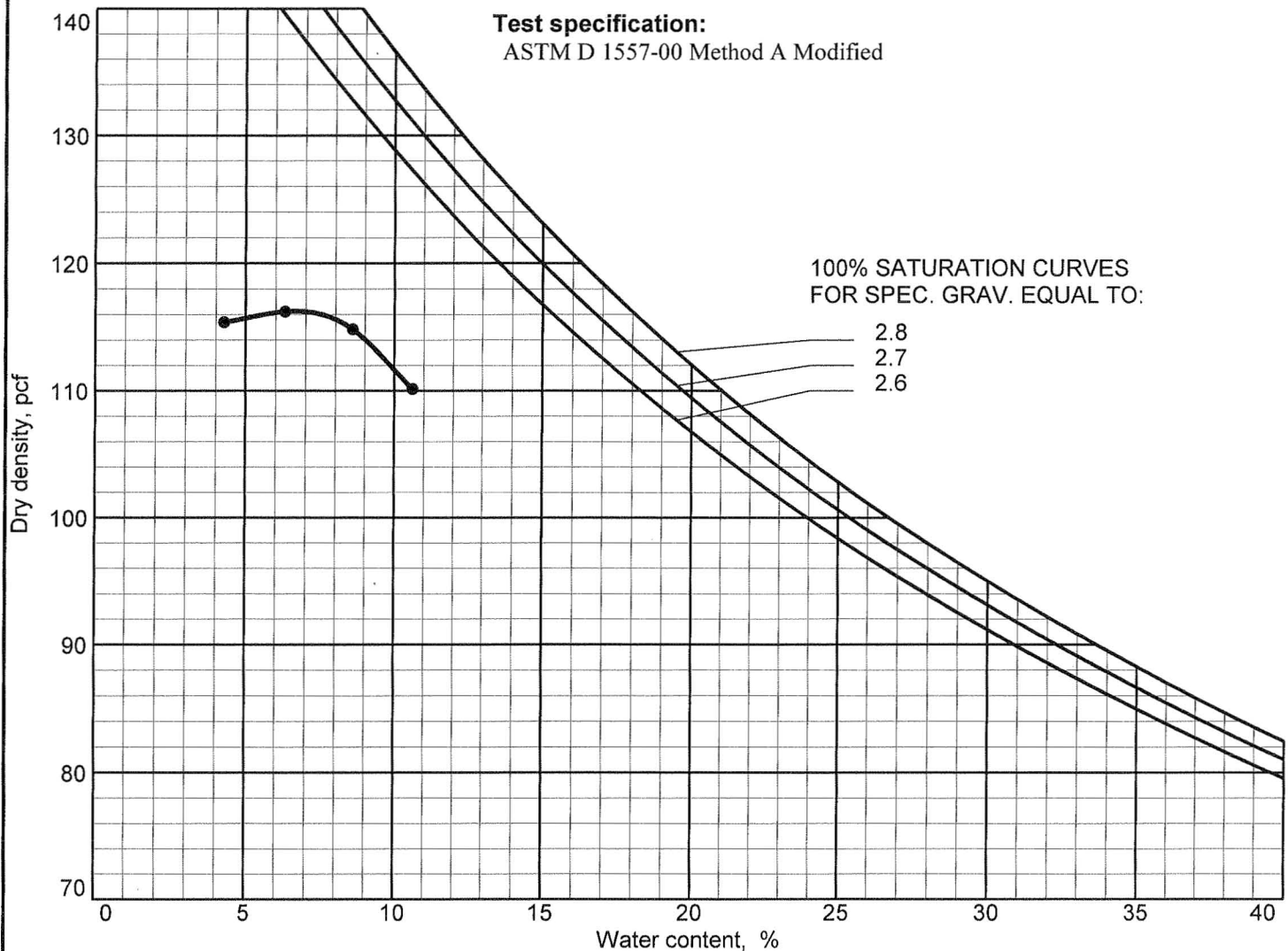
% > No.4 = 0.1 %

% < No.200 = 12.3 %

TEST RESULTS

Maximum dry density = 116.3 pcf

Optimum moisture = 6.7 %



COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/10/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1117

Elev./Depth: 6/263.50 Ft.

Sample No. B1

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, with silt (SP-SM)

Classifications -

USCS:

AASHTO: A-3

Nat. Moist. = 5.1 %

Sp.G. = 2.7

Liquid Limit =

Plasticity Index =

% > No.4 = 0.0 %

% < No.200 = 7.8 %

TEST RESULTS

Maximum dry density = 111.3 pcf

Optimum moisture = 12.4 %

Test specification:

ASTM D 1557-00 Method A Modified

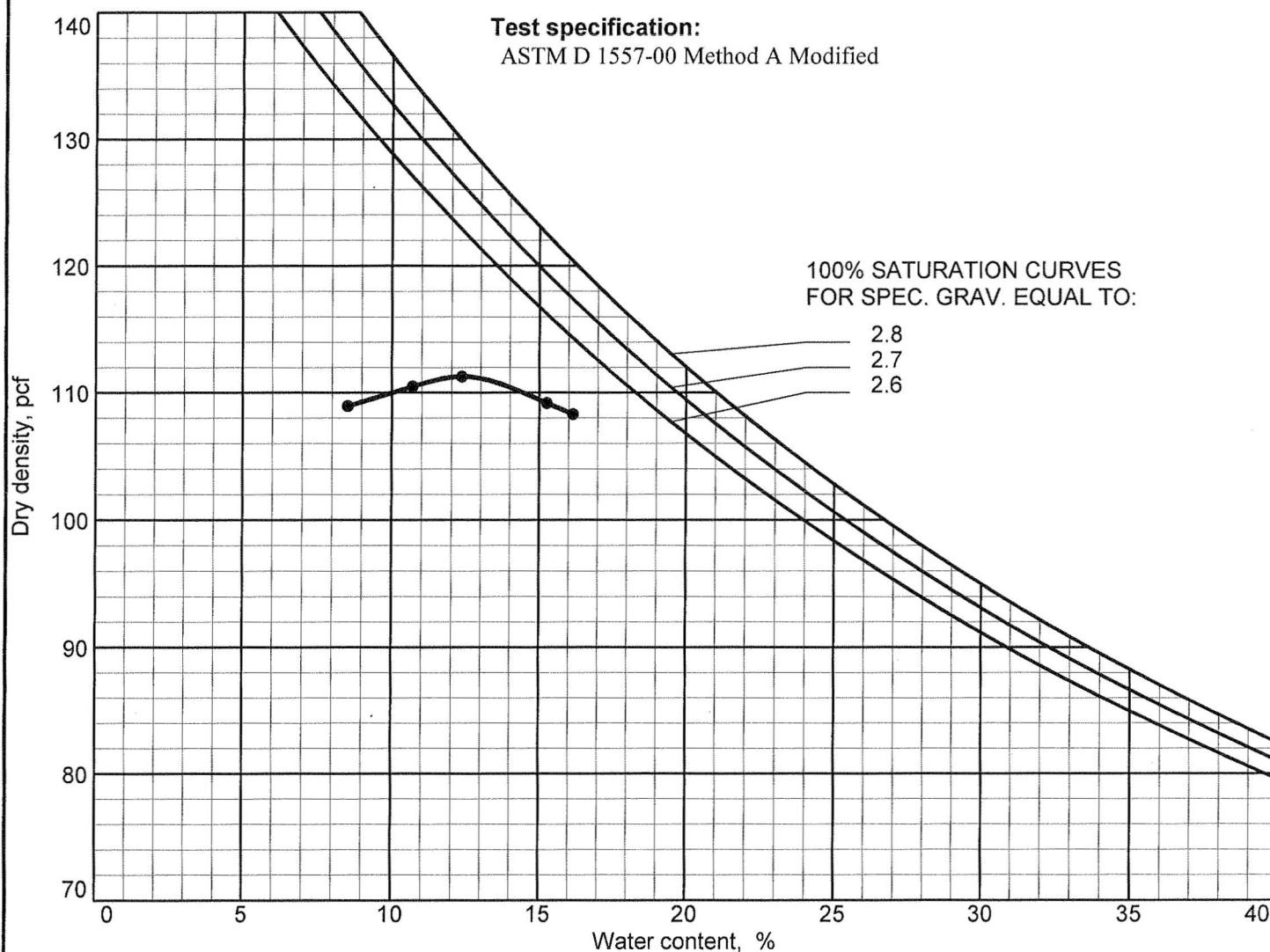


Figure 7348

COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/12/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1197

Elev./Depth: 5/240.94 Ft.

Sample No. B1

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, with silt (SP-SM)

Classifications -

USCS: SP-SM

AASHTO: A-3

Nat. Moist. = 6.6 %

Sp.G. = 2.7

Liquid Limit = NV

Plasticity Index = NP

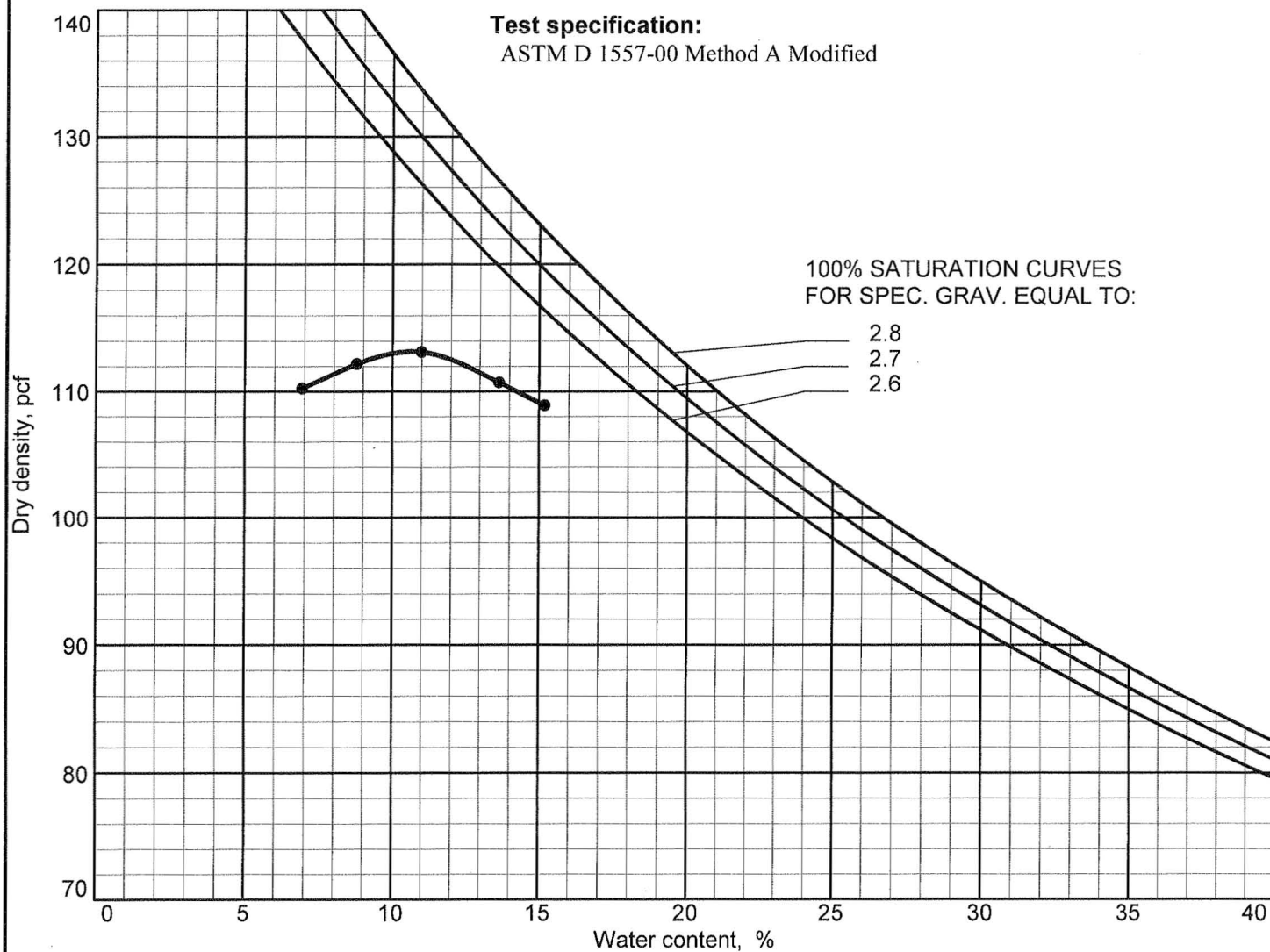
% > No.4 = 0.0 %

% < No.200 = 10.1 %

TEST RESULTS

Maximum dry density = 113.2 pcf

Optimum moisture = 10.7 %



COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/12/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1108

Elev./Depth: 8.5/255.64 Ft.

Sample No. B1

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, silty (SM)

Classifications -

USCS: SM

AASHTO: A-2-4(0)

Nat. Moist. = 14.8 %

Sp.G. = 2.7

Liquid Limit =

Plasticity Index =

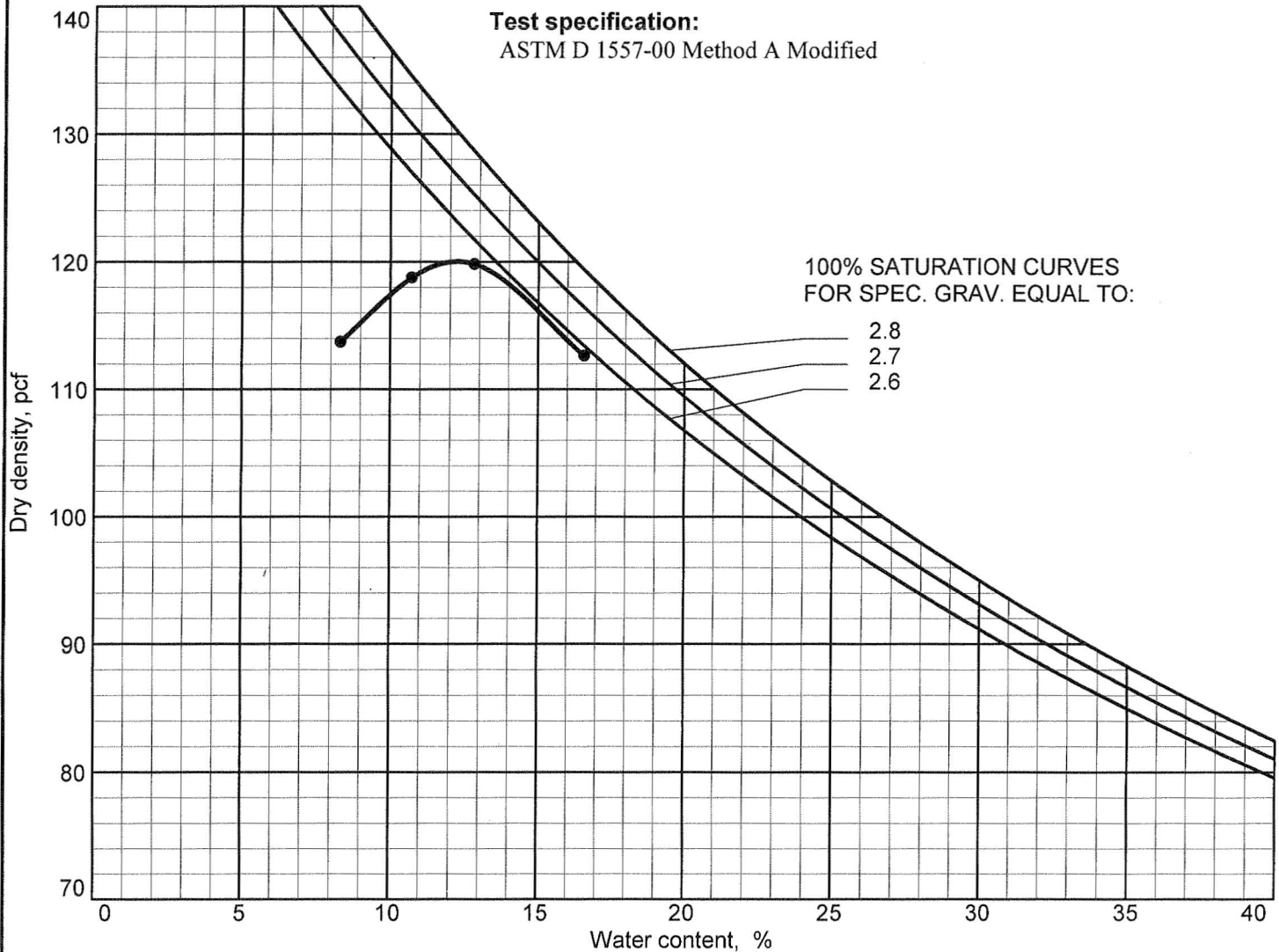
% > No.4 = 0.0 %

% < No.200 = 24.9 %

TEST RESULTS

Maximum dry density = 120.0 pcf

Optimum moisture = 12.2 %



COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/12/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1194

Elev./Depth: 5/197.73 Ft.

Sample No. B1

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, with silt (SP-SM)

Classifications -

USCS:

AASHTO: A-3

Nat. Moist. = 5.4 %

Sp.G. = 2.7

Liquid Limit =

Plasticity Index =

% > No.4 = 0.0 %

% < No.200 = 8.4 %

TEST RESULTS

Maximum dry density = 112.8 pcf

Optimum moisture = 11.6 %

Test specification:

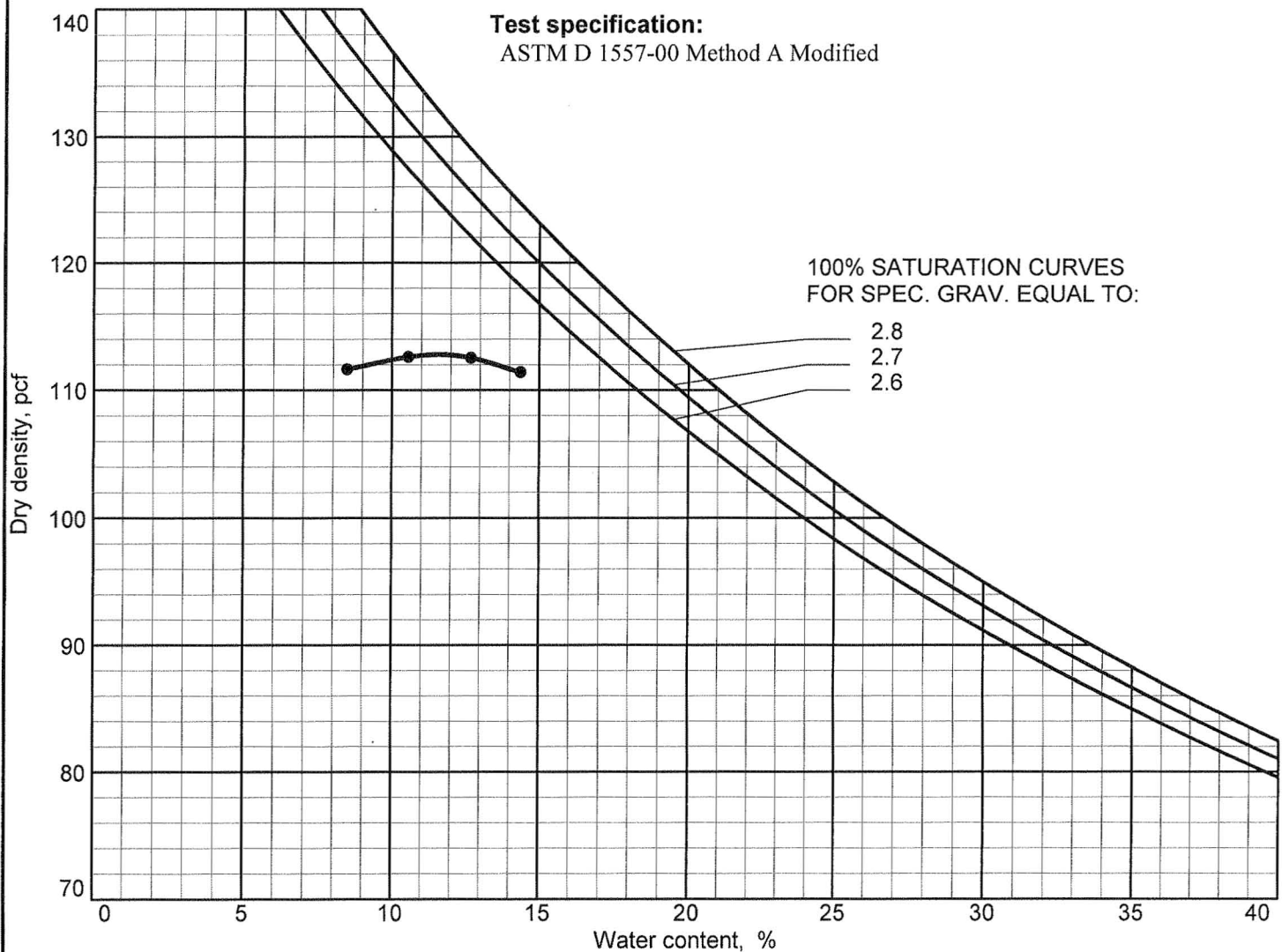
ASTM D 1557-00 Method A Modified

100% SATURATION CURVES
FOR SPEC. GRAV. EQUAL TO:

2.8

2.7

2.6



COMPACTION TEST REPORT

Project No.: 6141-06-0286

Date: 4/12/07

Project: Vogtle Units 3 & 4 COL Project

Location: TP-B-1194

Elev./Depth: 8/194.73 Ft.

Sample No. B2

Remarks: Tested by: CS Reviewed by: HJ

MATERIAL DESCRIPTION

Description: SAND, clayey (SC)

Classifications -

USCS: SC

AASHTO: A-2-4(0)

Nat. Moist. = 15.1 %

Sp.G. = 2.7

Liquid Limit = 37

Plasticity Index = 15

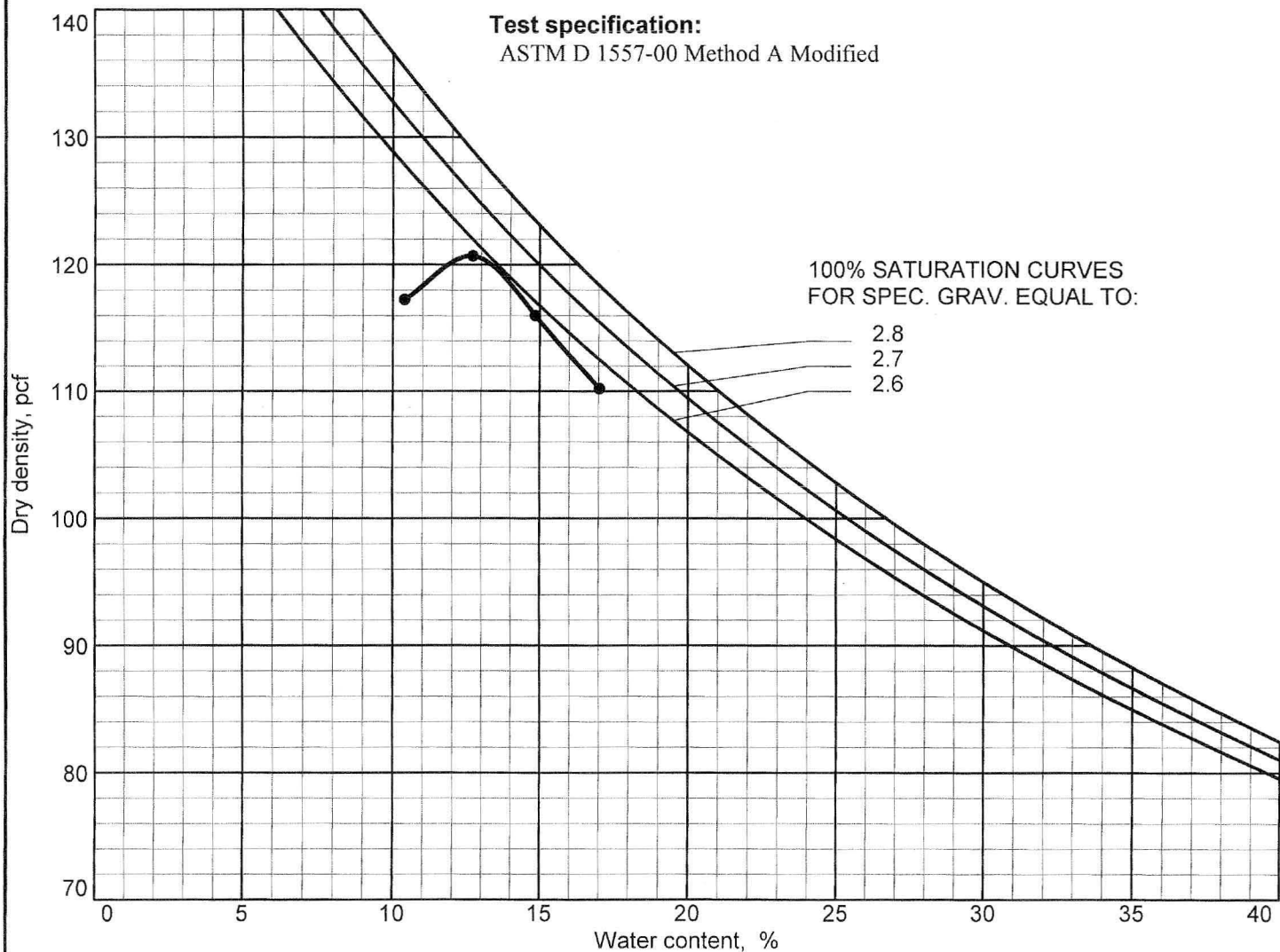
% > No.4 = 0.0 %

% < No.200 = 28.1 %

TEST RESULTS

Maximum dry density = 120.7 pcf

Optimum moisture = 12.6 %





UNIT WEIGHT OF SAMPLE

Project No.: 6141-06-0286	Boring No.: B-3030
Lab No: 7590	Depth: 35/186.99
Project Name: Vogtle COL	Sample ID: Ud-2
Tested By: EH	Reviewed By: HJ
Date: 07/25/07	Date: 07/30/07

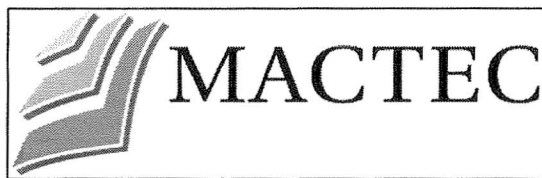
Total Sample Height, inches	Inside Diameter of Cut Tube, inches	Moisture Content
1 5.349	Top 2.815 Bottom 2.859	Tare No. SS-52
2 5.441		Tare Weight 144.43 grams
3 5.381		Wet Weight + Tare 825.05 grams
Average 5.39	Average 2.837	Dry Weight + Tare 702.15 grams
		Moisture Content 22.0 %

Total Weight of Soil + Tube Section	993.23	grams
Weight of Clean, Dry Tube Section	0.00	grams
Wet Weight of Soil	2.19	lbs
Volume of Sample	0.020	ft ³

RESULT SUMMARY

Moisture Content	22.0	%
Wet Density	111.0	pcf
Dry Density	91.0	pcf

Remarks: _____



UNIT WEIGHT OF SAMPLE

Project No.: 6141-06-0286	Boring No.: B-4035
Lab No: 7588	Depth: 148.5/72.02
Project Name: Vogtle COL	Sample ID: Ud-3
Tested By: EH	Reviewed By: HJ
Date: 07/25/07	Date: 07/30/07

Total Sample Height, inches		Inside Diameter of Cut Tube, inches	Moisture Content	
1	6.009	Top 2.879 Bottom 2.871 Average 2.875	Tare No.	SS-42
2	6.009		Tare Weight	141.73 grams
3	6.008		Wet Weight + Tare	778.04 grams
Average	6.01		Dry Weight + Tare	651.34 grams
			Moisture Content	24.9 %

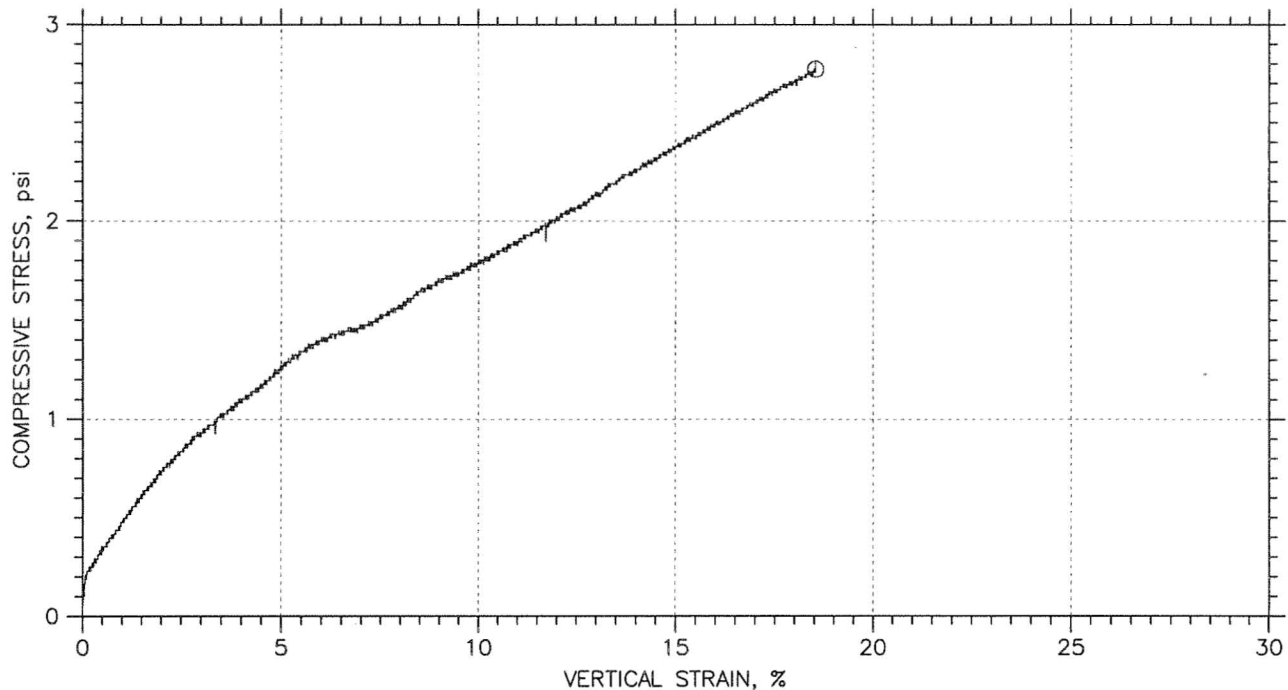
Total Weight of Soil + Tube Section	1262.28	grams
Weight of Clean, Dry Tube Section	0.00	grams
Wet Weight of Soil	2.78	lbs
Volume of Sample	0.023	ft ³

RESULT SUMMARY

Moisture Content	24.9	%
Wet Density	123.3	pcf
Dry Density	98.7	pcf

Remarks:

UNCONFINED COMPRESSION TEST REPORT

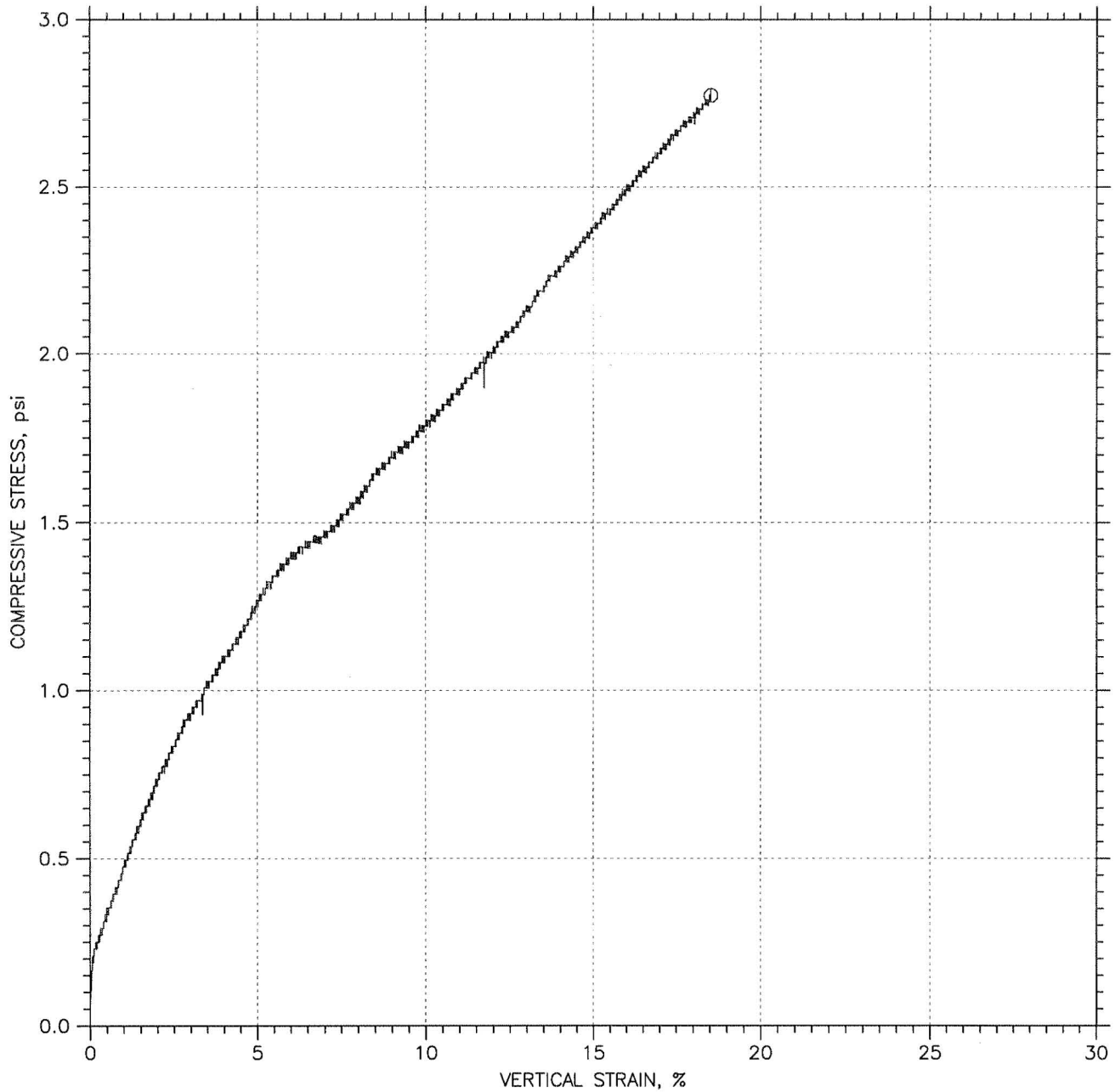


Symbol	⊙			
Test No.	7482			
Initial	Diameter, in	2.868		
	Height, in	5.394		
	Water Content, %	34.28		
	Dry Density, pcf	88.19		
	Saturation, %	101.56		
	Void Ratio	0.911		
Unconfined Compressive Strength, psi		2.773		
Undrained Shear Strength, psi		1.387		
Time to Failure, min		17.758		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-1132 UD-2
	Project No.: 6141060286
	Boring No.: B-1132
	Sample Type: Undisturbed
	Description: CLAY, sandy (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

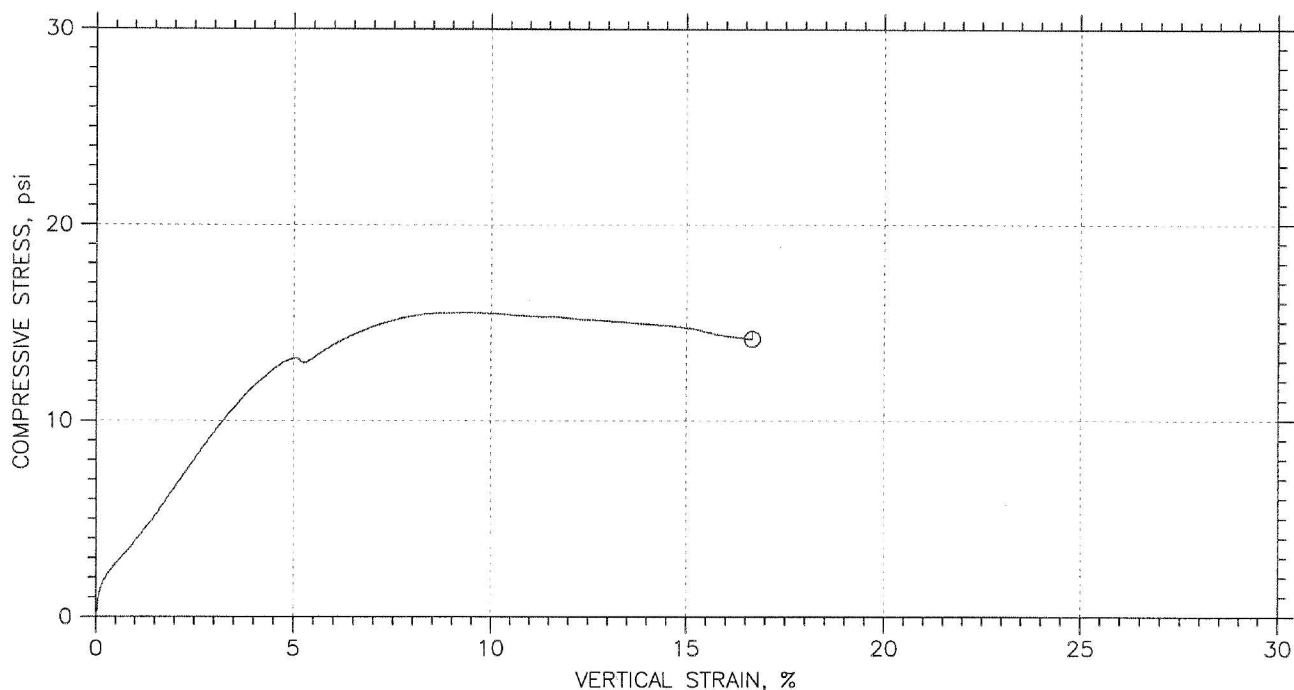
7/30/07

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-1132 UD-2	Project No.: 6141060286
	Boring No.: B-1132	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/17/07	Depth: 33.5'
	Test No.: 7482	Sample Type: Undisturbed	Elevation: 185.23'
	Description: CLAY, sandy (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/30/07

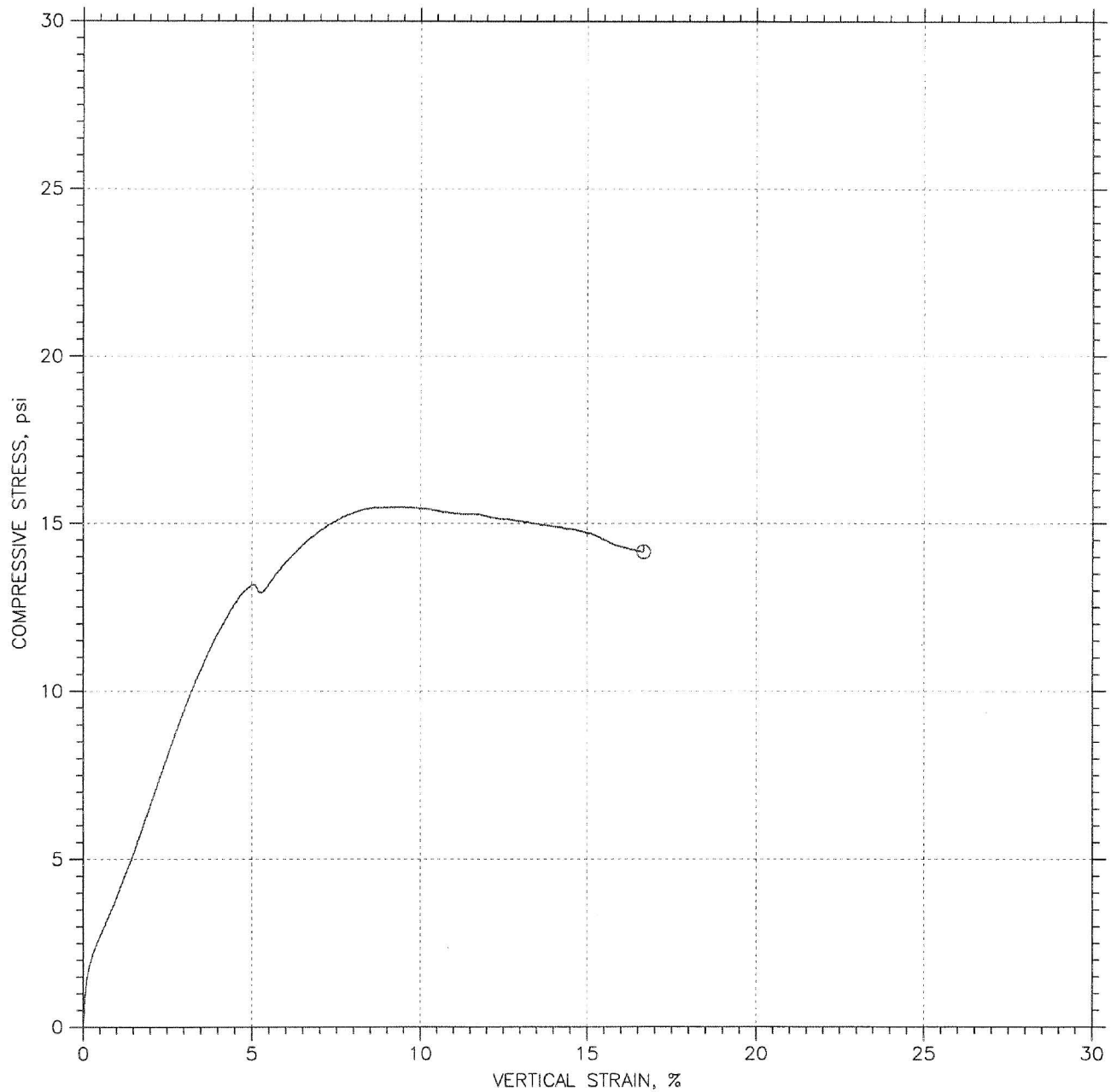
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7483			
Initial	Diameter, in	2.853		
	Height, in	6		
	Water Content, %	35.19		
	Dry Density, pcf	82.83		
	Saturation, %	91.82		
	Void Ratio	1.03		
Unconfined Compressive Strength, psi		15.5		
Undrained Shear Strength, psi		7.749		
Time to Failure, min		9.051		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		85		
Plastic Limit		33		
Plasticity Index		52		
Failure Sketch				

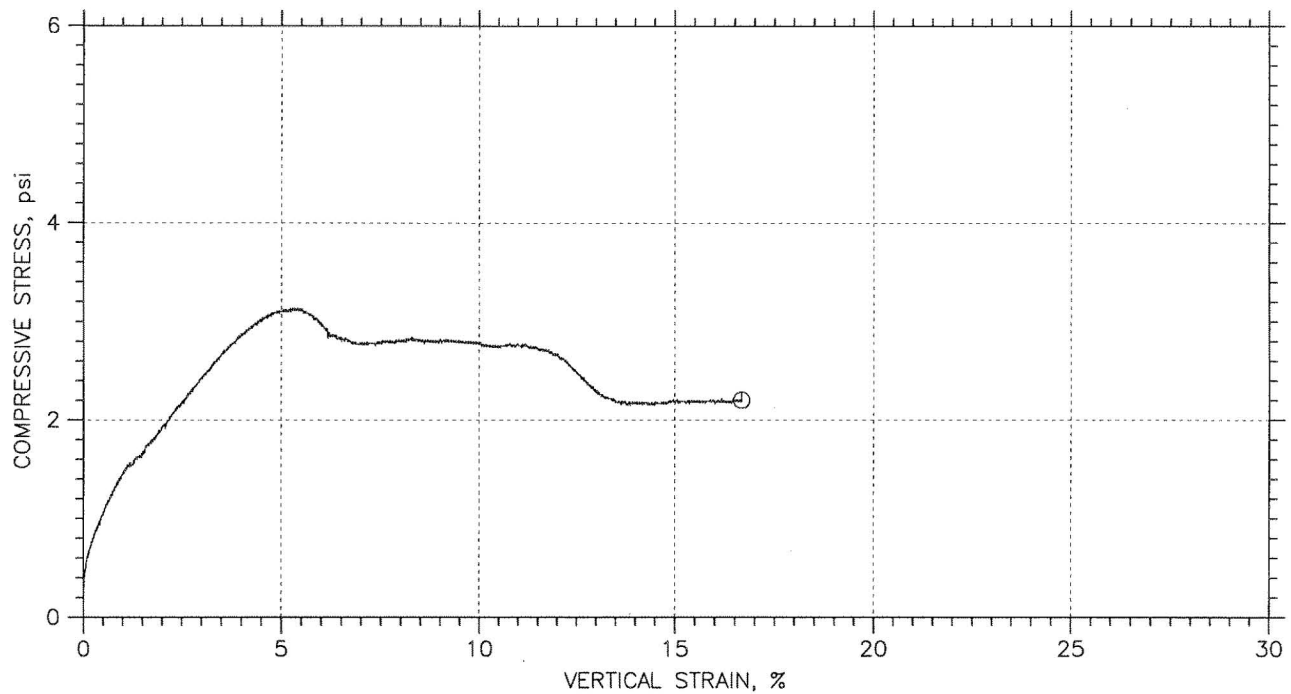
	Project: Votgle COL
	Location: B-1132 UD-3
	Project No.: 6141060286
	Boring No.: B-1132
	Sample Type: Undisturbed
	Description: CLAY, sandy (CH)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

UNCONFINED COMPRESSION TEST REPORT



 MACTEC Engineering, Inc. is a leading provider of construction and infrastructure solutions. We are committed to providing the highest quality services to our clients.	Project: Votgle COL	Location: B-1132 UD-3	Project No.: 6141060286
	Boring No.: B-1132	Tested By: BM	Checked By: HJ
	Sample No.: UD-3	Test Date: 5/11/07	Depth: 38.5'
	Test No.: 7483	Sample Type: Undisturbed	Elevation: 180.23'
	Description: CLAY, sandy (CH)		
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1			

UNCONFINED COMPRESSION TEST REPORT

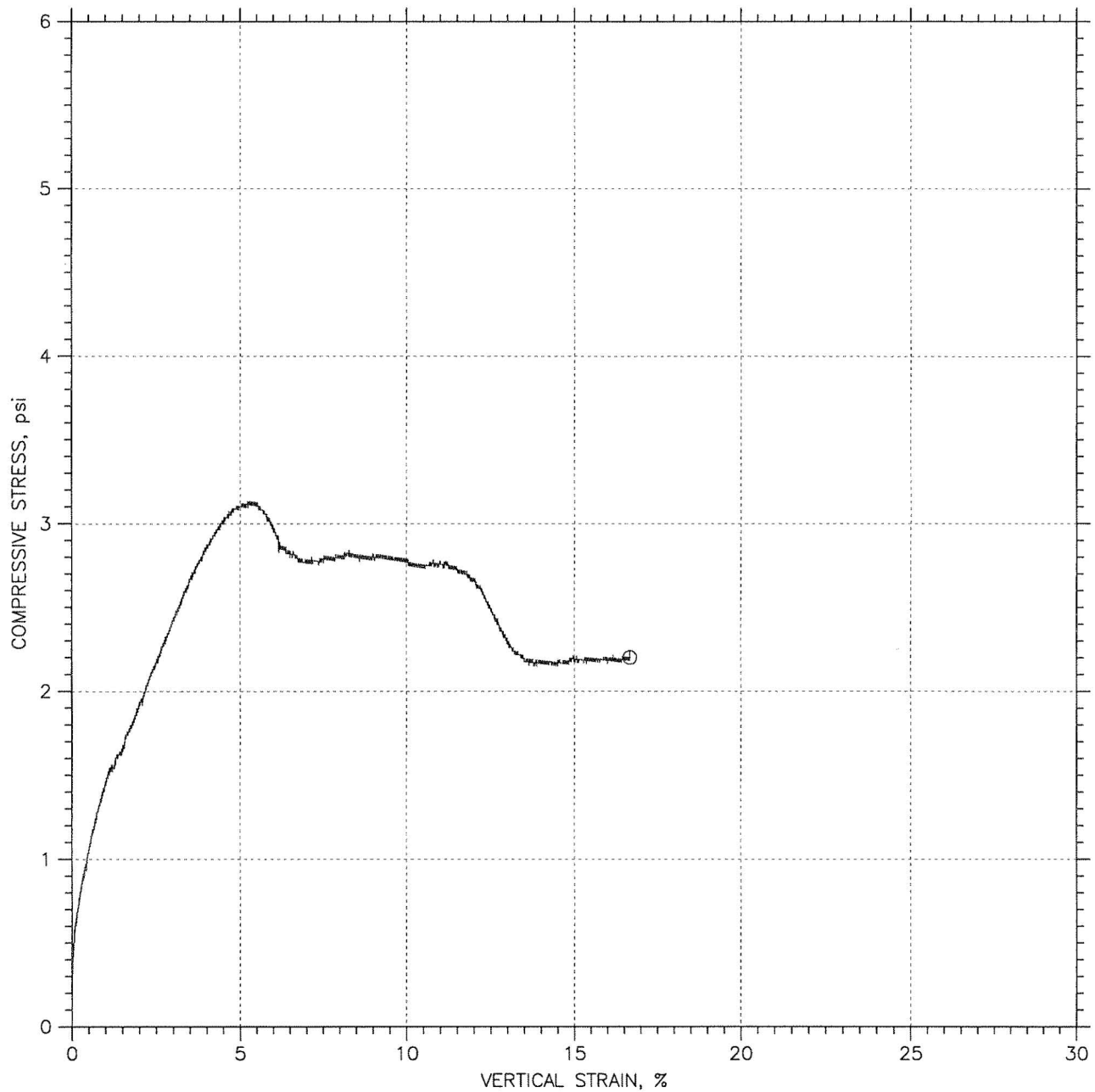


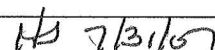
Symbol	⊙			
Test No.	7485			
Initial	Diameter, in	2.871		
	Height, in	6.002		
	Water Content, %	19.04		
	Dry Density, pcf	93.9		
	Saturation, %	64.66		
	Void Ratio	0.795		
Unconfined Compressive Strength, psi		3.133		
Undrained Shear Strength, psi		1.567		
Time to Failure, min		5.0625		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-1133 UD-2
	Project No.: 6141060286
	Boring No.: B-1133
	Sample Type: Undisturbed
	Description: SAND, silty (SM) (Visual)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

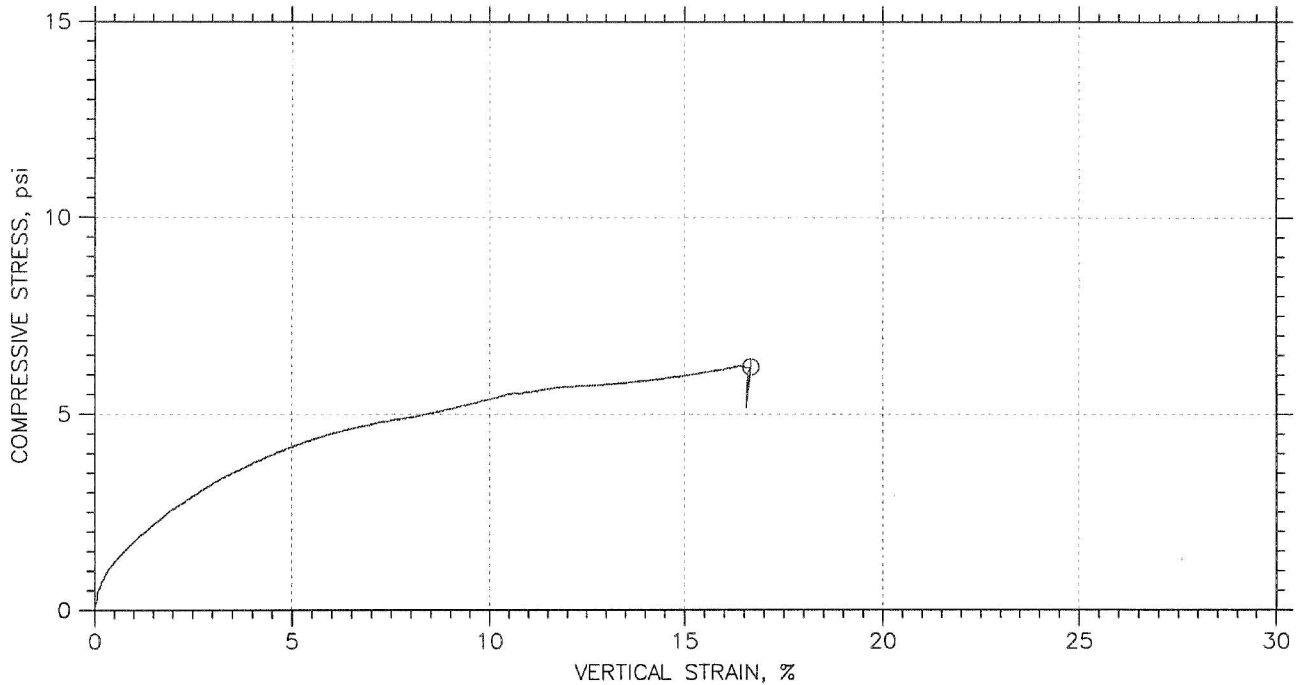
HJ 7/31/07

UNCONFINED COMPRESSION TEST REPORT



 Engineering and Constructing a better tomorrow 2100 Main Street, Suite 100, Irvine, CA 92614-3000 (949) 261-1234 FAX: (949) 261-1235	Project: Votgle COL	Location: B-1133 UD-2	Project No.: 6141060286
	Boring No.: B-1133	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 6/08/07	Depth: 33.0'
	Test No.: 7485	Sample Type: Undisturbed	Elevation: 188.20'
	Description: SAND, silty (SM) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			

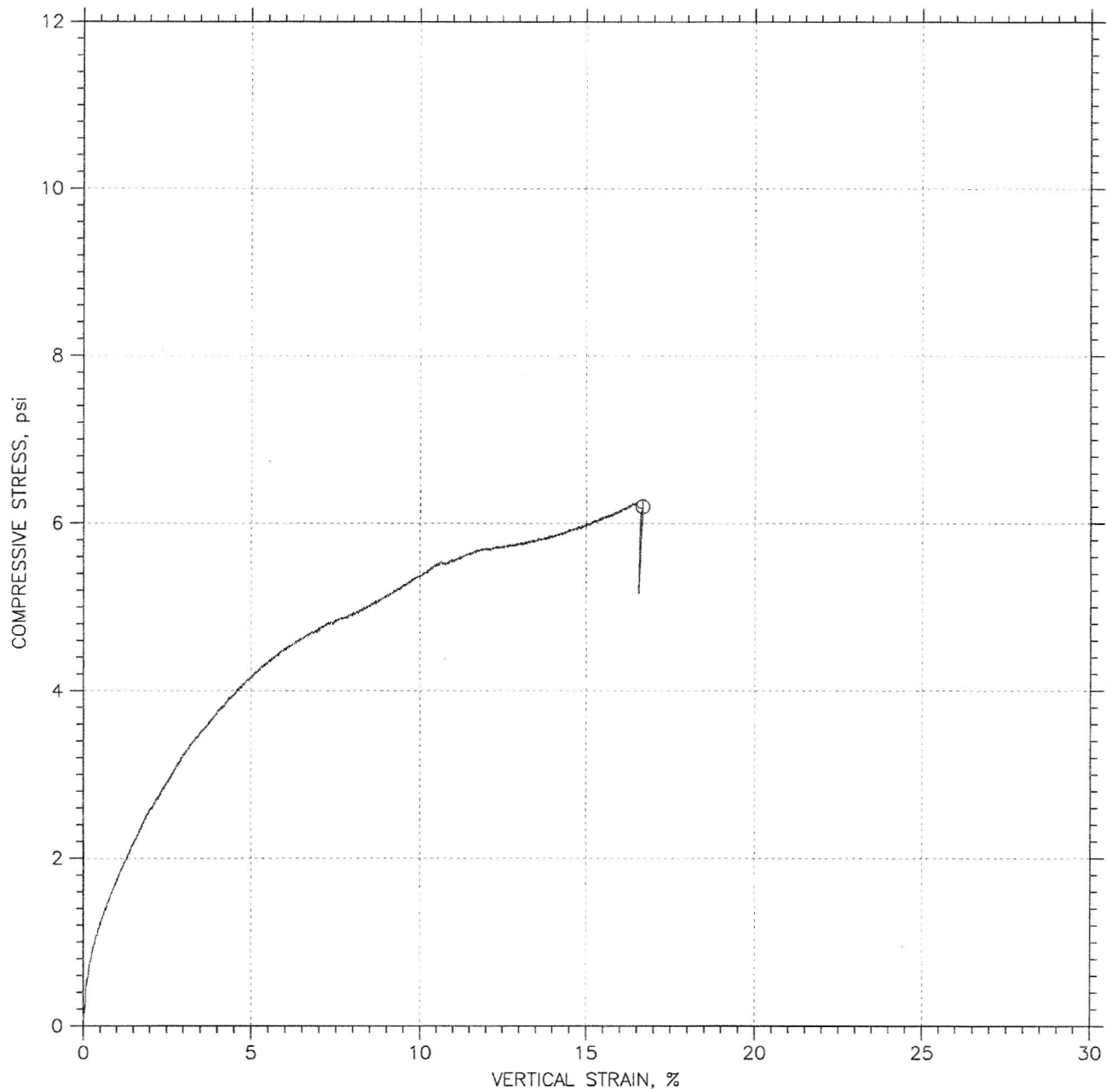
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7489			
Initial	Diameter, in	2.851		
	Height, in	6		
	Water Content, %	68.54		
	Dry Density, pcf	58.51		
	Saturation, %	98.41		
	Void Ratio	1.88		
Unconfined Compressive Strength, psi		6.247		
Undrained Shear Strength, psi		3.124		
Time to Failure, min		15.811		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

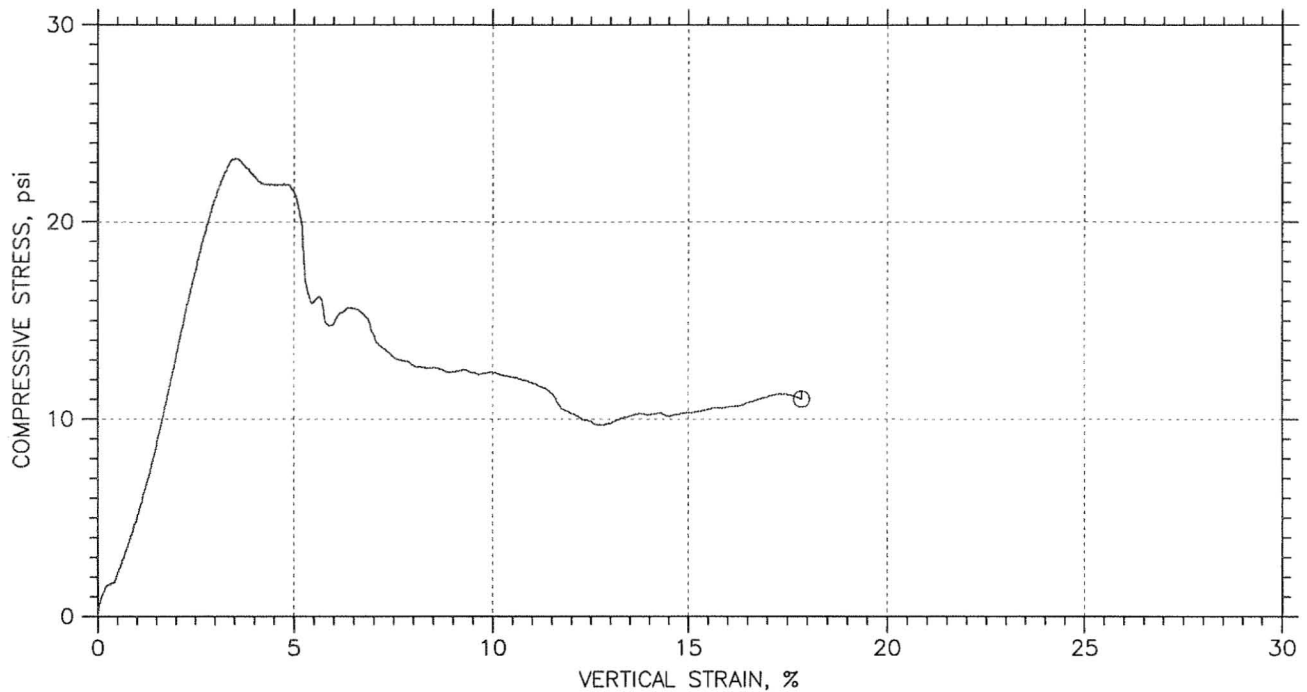
	Project: Votgle COL
	Location: B-1136 UD-4
	Project No.: 6141060286
	Boring No.: B-1136
	Sample Type: Undisturbed
	Description: SAND, silty (SM)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

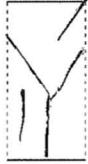
UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-1136 UD-4	Project No.: 6141060286
	Boring No.: B-1136	Tested By: BM	Checked By: HJ
	Sample No.: UD-4	Test Date: 5/11/07	Depth: 43.5'
	Test No.: 7489	Sample Type: Undisturbed	Elevation: 178.15'
	Description: SAND, silty (SM)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

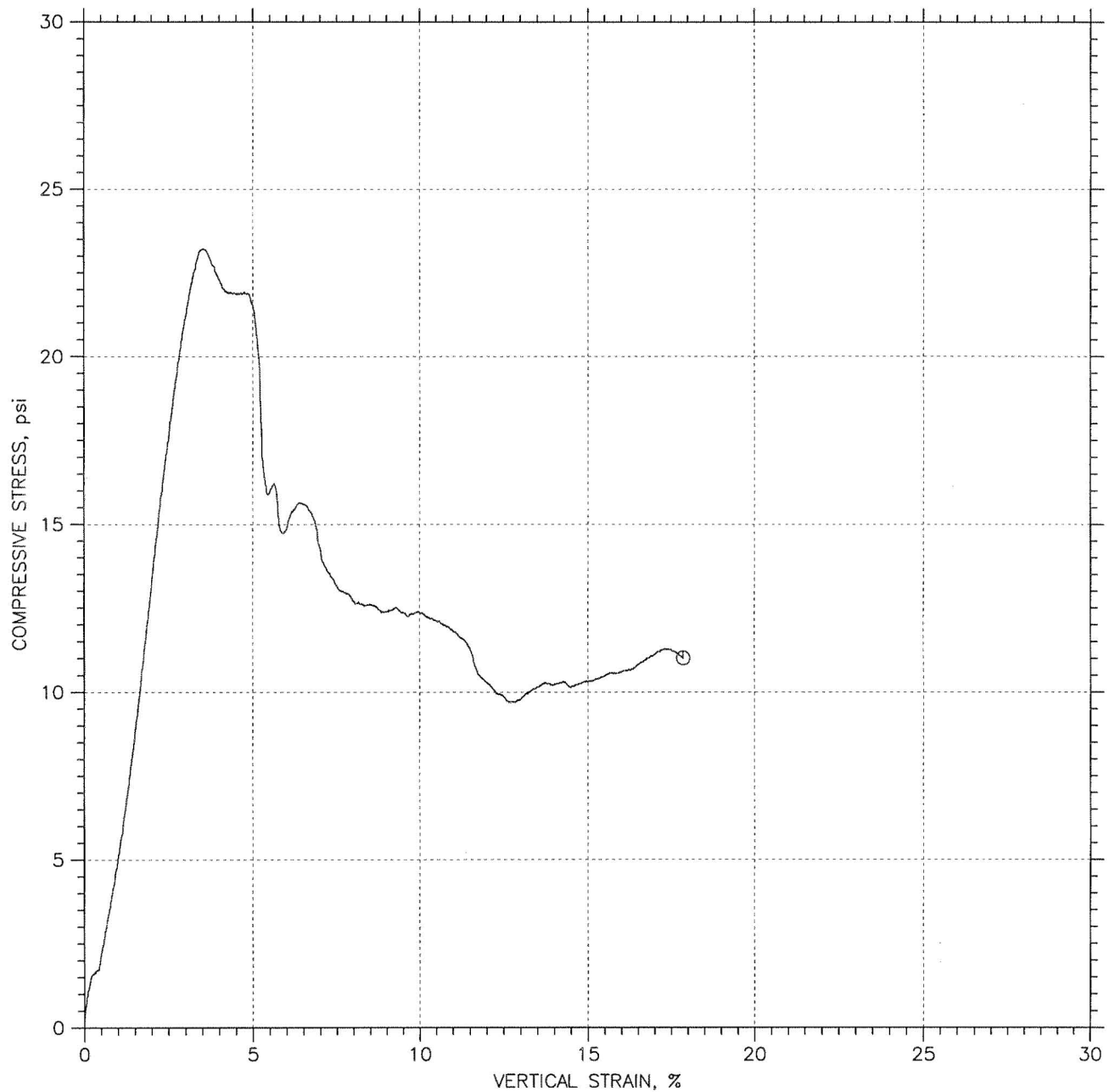
UNCONFINED COMPRESSION TEST REPORT

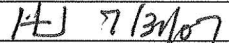


Symbol	⊙			
Test No.	7632			
Initial	Diameter, in	2.8612		
	Height, in	5.6		
	Water Content, %	30.24		
	Dry Density, pcf	90.26		
	Saturation, %	94.10		
	Void Ratio	0.868		
Unconfined Compressive Strength, psi		23.21		
Undrained Shear Strength, psi		11.61		
Time to Failure, min		3.3833		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

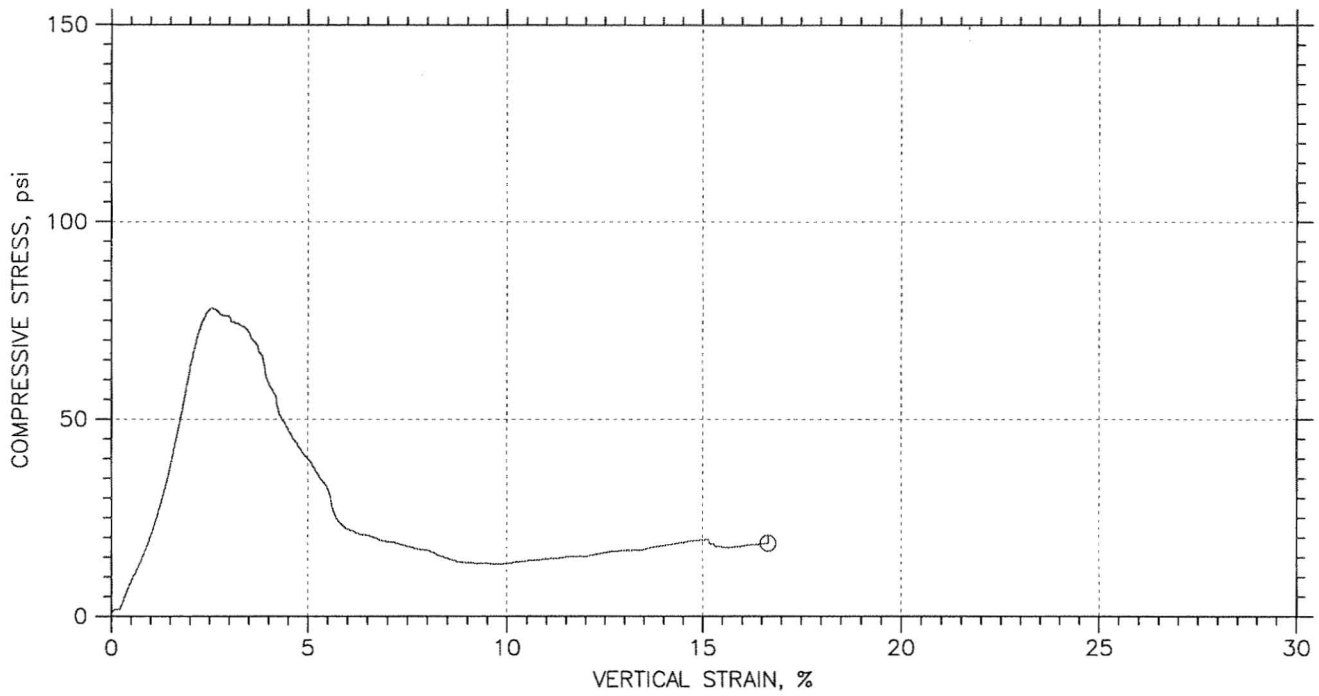
	Project: Votgle COL
	Location: B-1164 UD-3
	Project No.: 6141060286
	Boring No.: B-1164
	Sample Type: Undisturbed
	Description: CLAY (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1 H 7/31/07

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-1164 UD-3	Project No.: 6141060286
	Boring No.: B-1164	Tested By: BM	Checked By: HJ
	Sample No.: UD-3	Test Date: 6/28/07	Depth: 73.0'
	Test No.: 7632	Sample Type: Undisturbed	Elevation: 147.05'
	Description: CLAY (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			

UNCONFINED COMPRESSION TEST REPORT

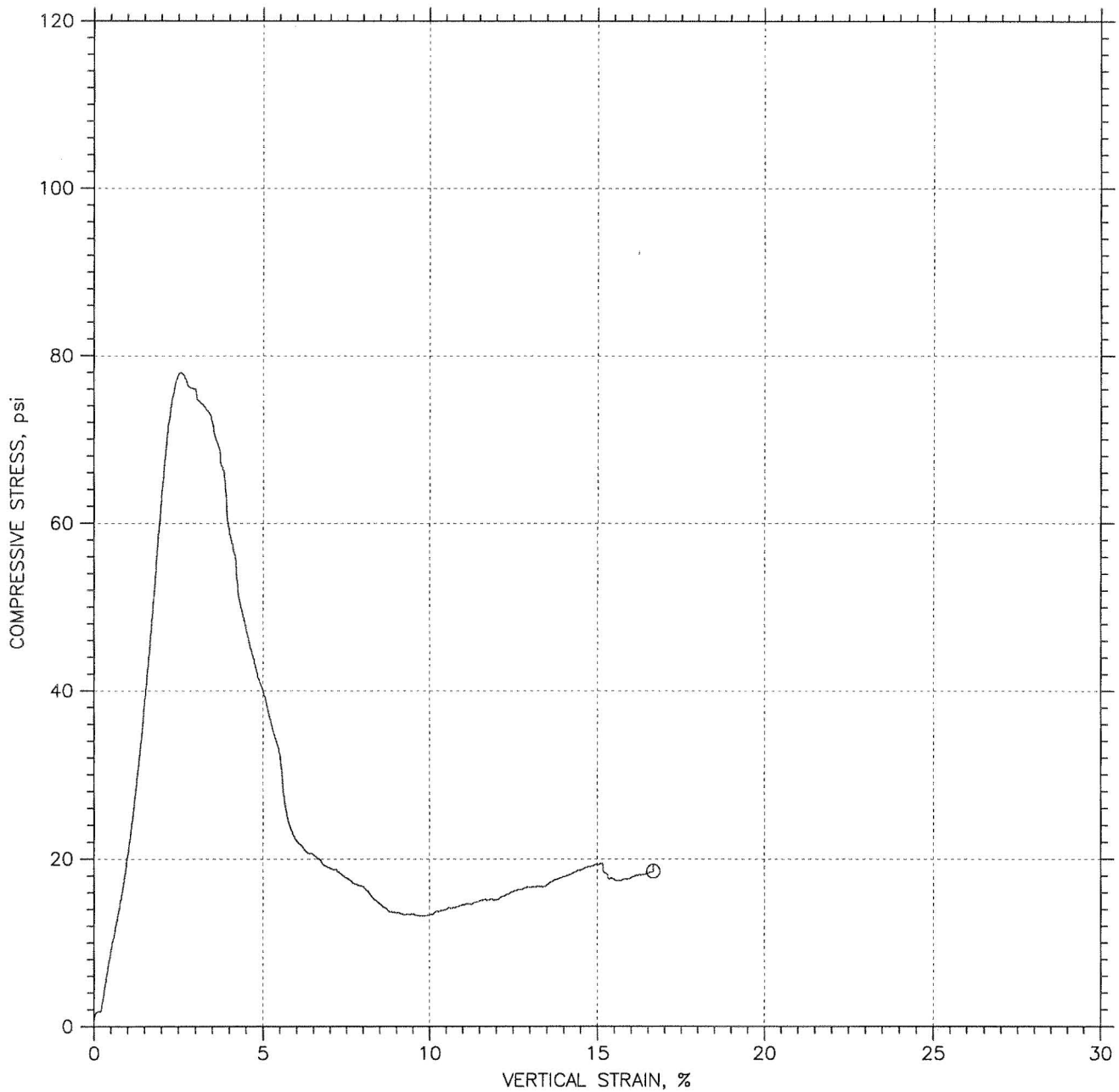


Symbol	⊙			
Test No.	7634			
Initial	Diameter, in	2.8373		
	Height, in	6.003		
	Water Content, %	19.46		
	Dry Density, pcf	110.8		
	Saturation, %	100.80		
	Void Ratio	0.521		
Unconfined Compressive Strength, psi		78.02		
Undrained Shear Strength, psi		39.01		
Time to Failure, min		2.5792		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-1164 UD-5
	Project No.: 6141060286
	Boring No.: B-1164
	Sample Type: Undisturbed
	Description: CLAY (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

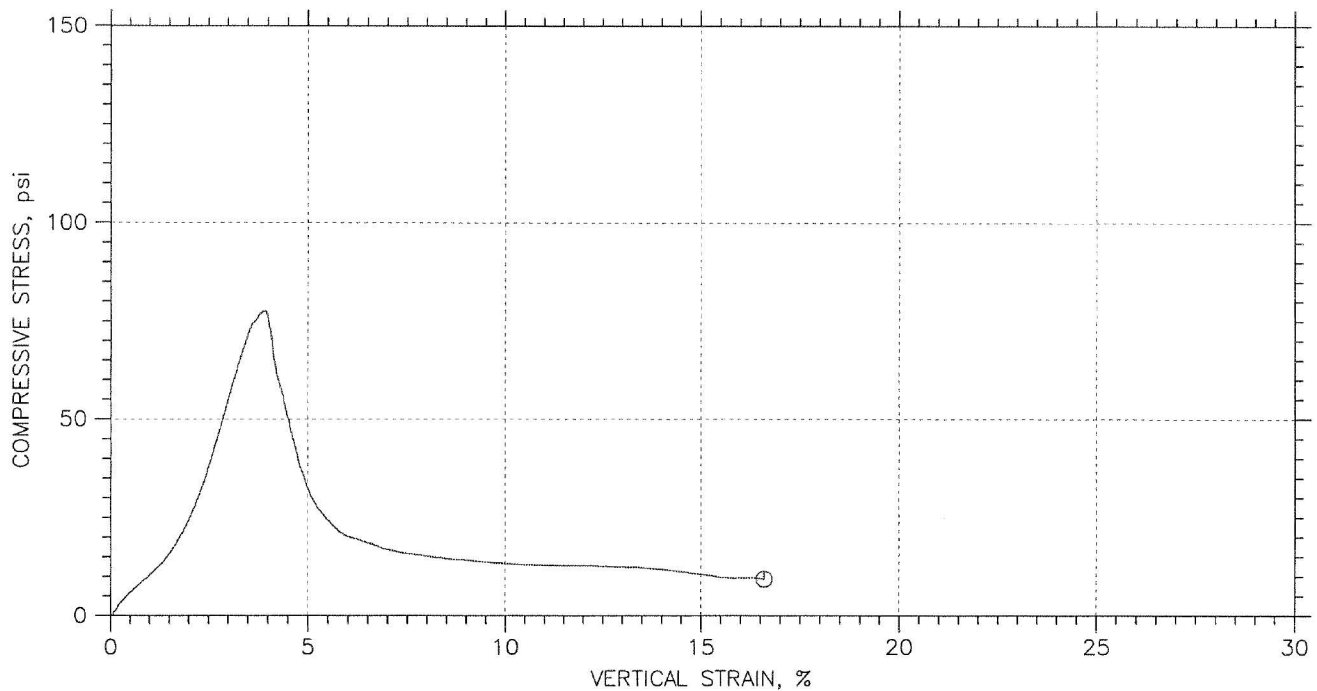
HS 7/31/07

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-1164 UD-5	Project No.: 6141060286
	Boring No.: B-1164	Tested By: BM	Checked By: HJ
	Sample No.: UD-5	Test Date: 6/28/07	Depth: 103.00'
	Test No.: 7634	Sample Type: Undisturbed	Elevation: 117.05'
	Description: CLAY (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
<i>HJ 7/31/07</i>			

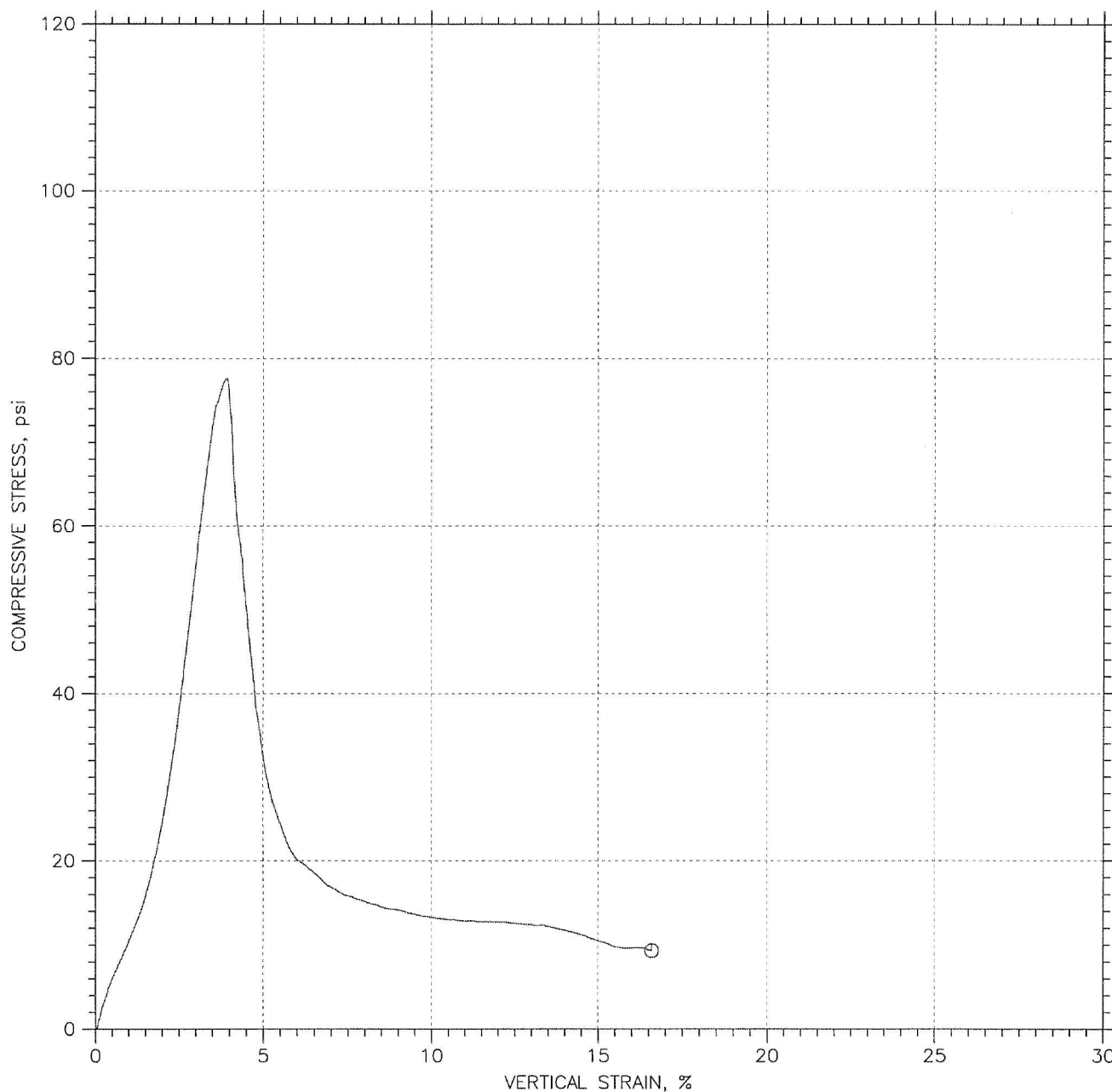
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7496			
Initial	Diameter, in	2.855		
	Height, in	6		
	Water Content, %	25.78		
	Dry Density, pcf	97.24		
	Saturation, %	99.36		
	Void Ratio	0.678		
Unconfined Compressive Strength, psi		77.59		
Undrained Shear Strength, psi		38.79		
Time to Failure, min		3.8503		
Strain Rate, %/min		1		
Measured Specific Gravity		2.61		
Liquid Limit		47		
Plastic Limit		23		
Plasticity Index		24		
Failure Sketch				

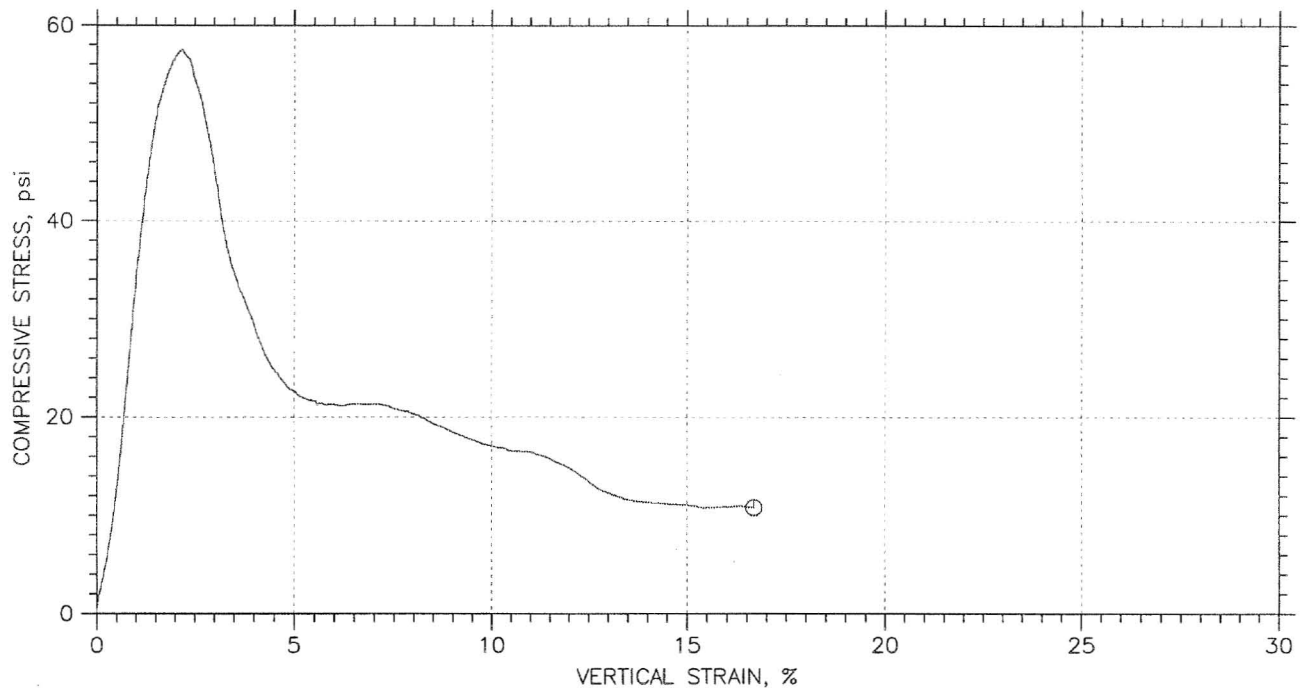
	Project: Votgle COL
	Location: B-3001 UD-5
	Project No.: 6141060286
	Boring No.: B-3001
	Sample Type: Undisturbed
	Description: SHELL HASH, silty with sand (GM)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-3001 UD-5	Project No.: 6141060286
	Boring No.: B-3001	Tested By: BM	Checked By: HJ <i>10/22/07</i>
	Sample No.: UD-5	Test Date: 5/11/07	Depth: 133.5'
	Test No.: 7496	Sample Type: Undisturbed	Elevation: 84.90'
	Description: SHELL HASH, silty with sand (GM)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

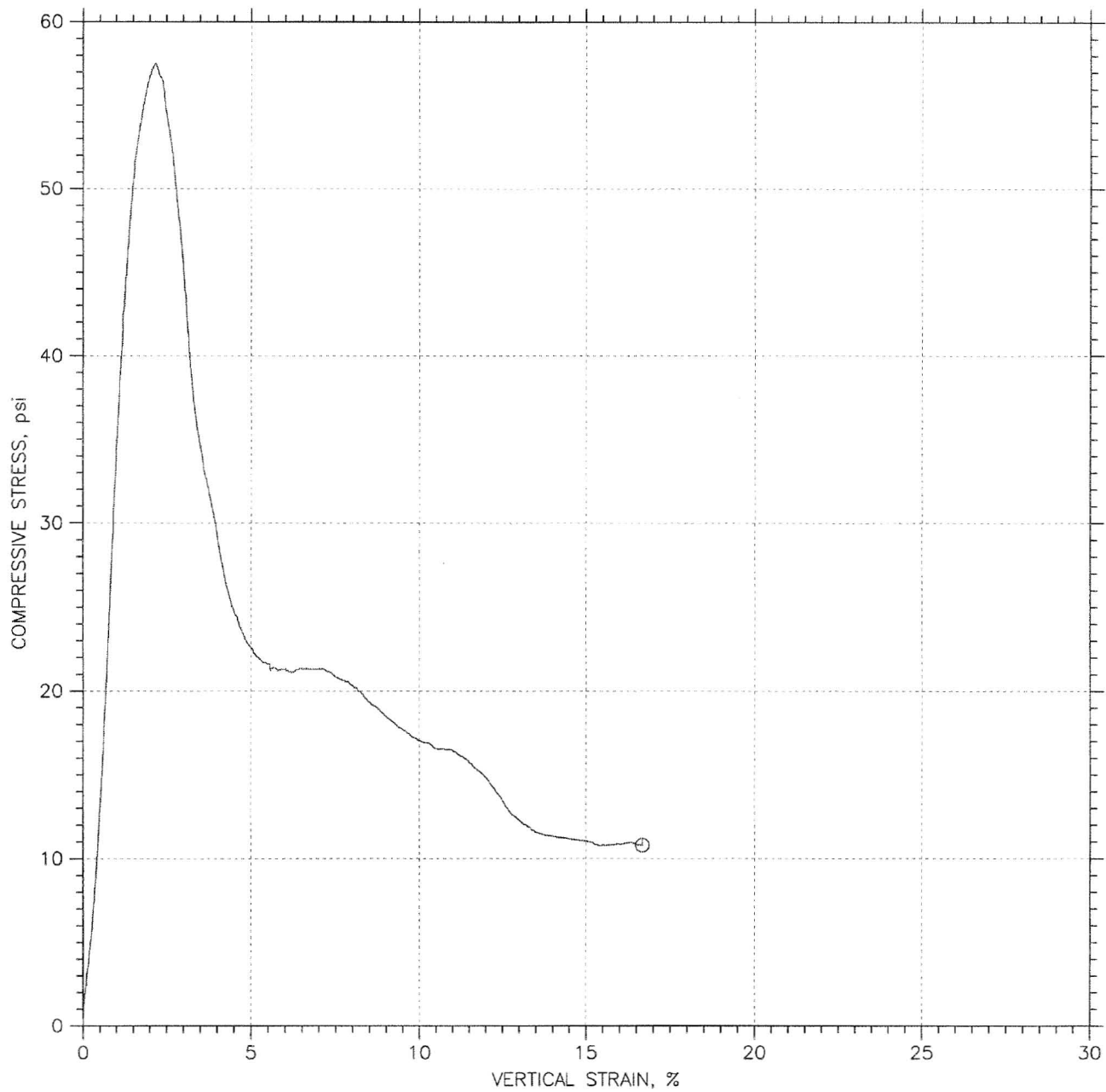
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7507			
Initial	Diameter, in	2.895		
	Height, in	5.997		
	Water Content, %	42.26		
	Dry Density, pcf	74.96		
	Saturation, %	91.37		
	Void Ratio	1.25		
Unconfined Compressive Strength, psi		57.53		
Undrained Shear Strength, psi		28.76		
Time to Failure, min		2.1583		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		97		
Plastic Limit		53		
Plasticity Index		44		
Failure Sketch				

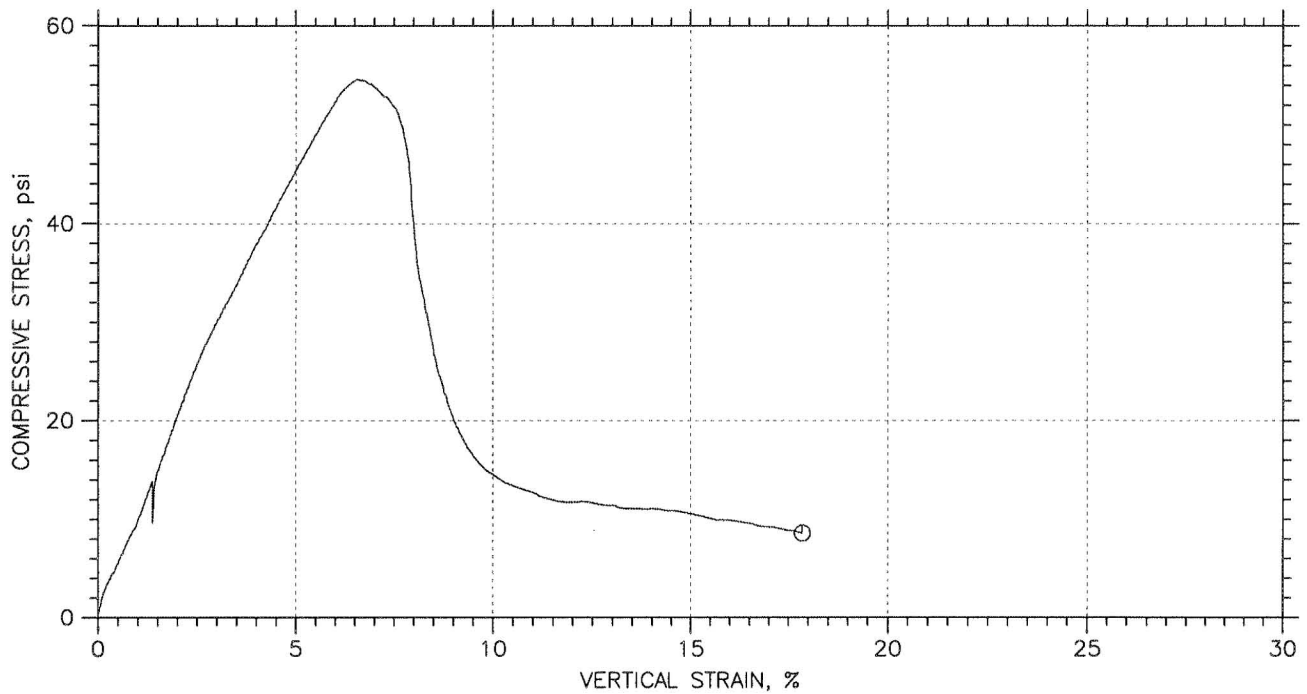
	Project: Votgle COL
	Location: B-3004 UD-1
	Project No.: 6141060286
	Boring No.: B-3004
	Sample Type: Undisturbed
	Description: SILT (MH)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-3004 UD-1	Project No.: 6141060286
	Boring No.: B-3004	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/07/07	Depth: 93.0'
	Test No.: 7507	Sample Type: Undisturbed	Elevation: -93.00
	Description: SILT (MH)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

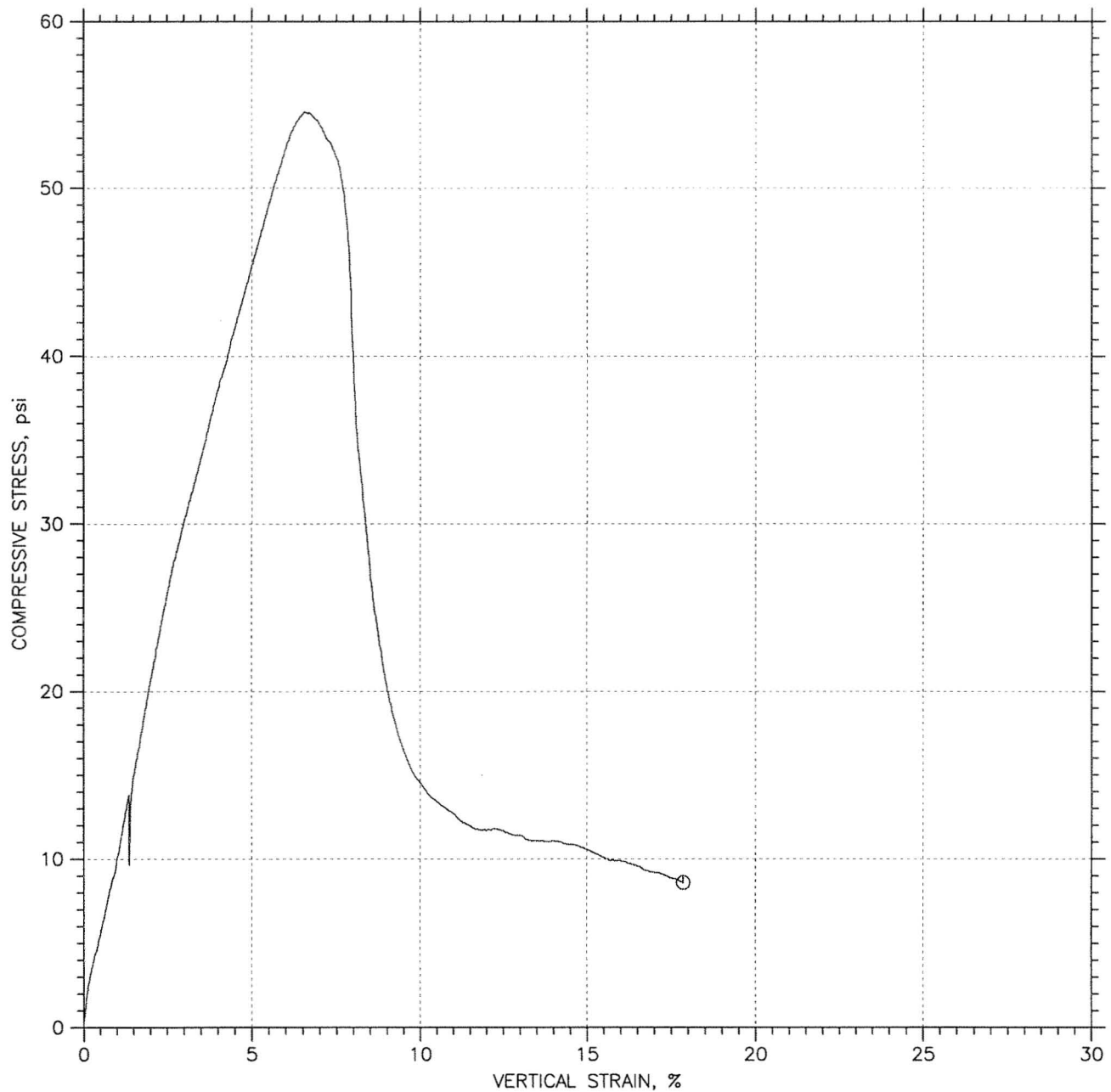
UNCONFINED COMPRESSION TEST REPORT



Symbol	Q			
Test No.	7508			
Initial	Diameter, in	2.871		
	Height, in	5.6		
	Water Content, %	21.58		
	Dry Density, pcf	102.2		
	Saturation, %	89.82		
	Void Ratio	0.649		
Unconfined Compressive Strength, psi		54.56		
Undrained Shear Strength, psi		27.28		
Time to Failure, min		6.3711		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

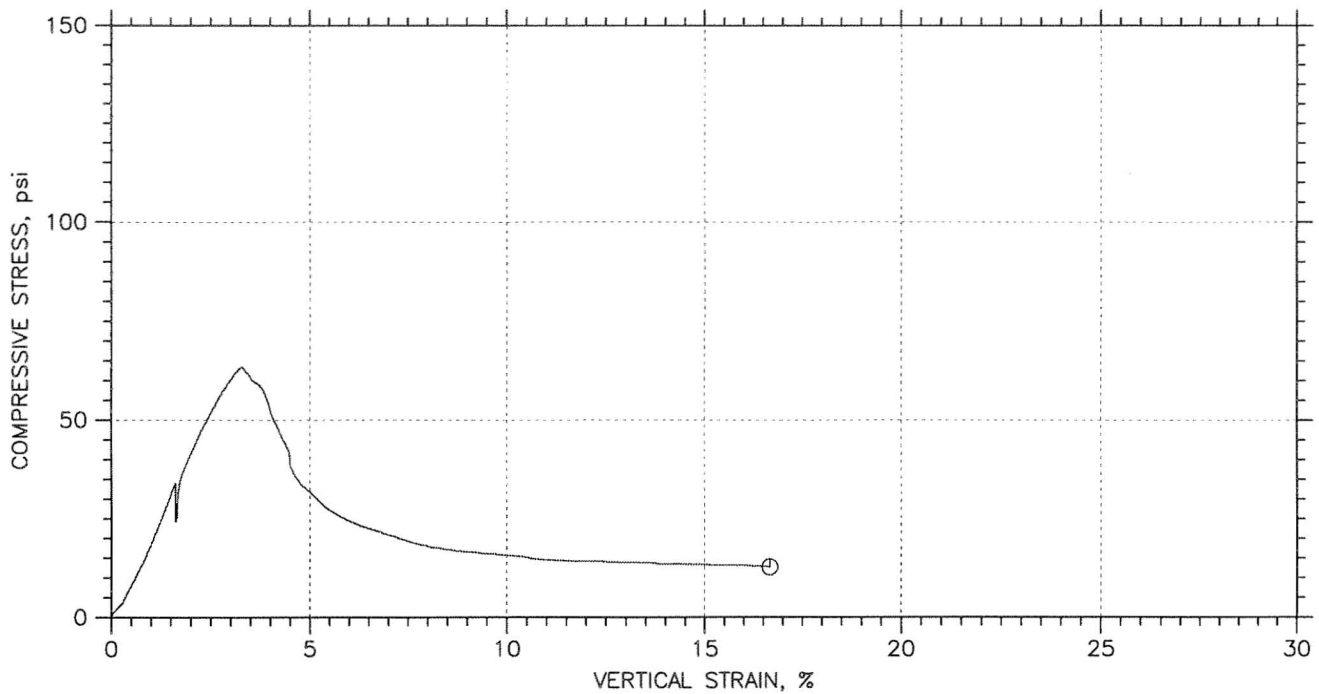
	Project: Votgle COL
	Location: B-3004 UD-2
	Project No.: 6141060286
	Boring No.: B-3004
	Sample Type: Undisturbed
	Description: CLAY (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1 <i>H 7/30/07</i>

UNCONFINED COMPRESSION TEST REPORT



 MACTEC Engineering and Consulting, a Sellen Corporation 200 Mactec Avenue, P.O. Box 1000, Morris Plains, NJ 07950-1000	Project: Votgle COL	Location: B-3004 UD-2	Project No.: 6141060286
	Boring No.: B-3004	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/16/07	Depth: 113.0'
	Test No.: 7508	Sample Type: Undisturbed	Elevation: 105.51'
	Description: CLAY (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/30/07

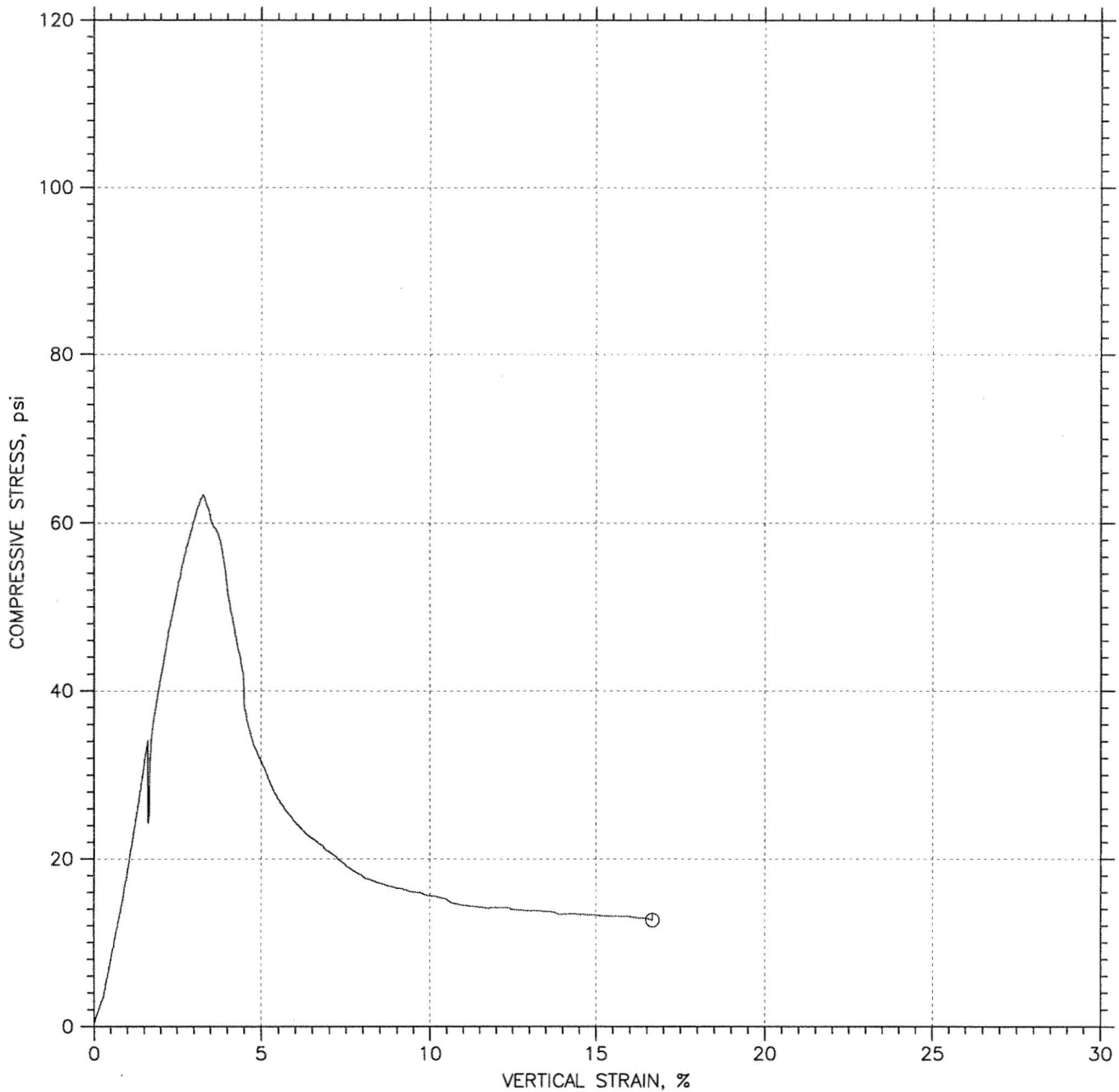
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7514			
Initial	Diameter, in	2.881		
	Height, in	6		
	Water Content, %	28.55		
	Dry Density, pcf	92.98		
	Saturation, %	94.84		
	Void Ratio	0.813		
Unconfined Compressive Strength, psi		63.35		
Undrained Shear Strength, psi		31.68		
Time to Failure, min		3.2085		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

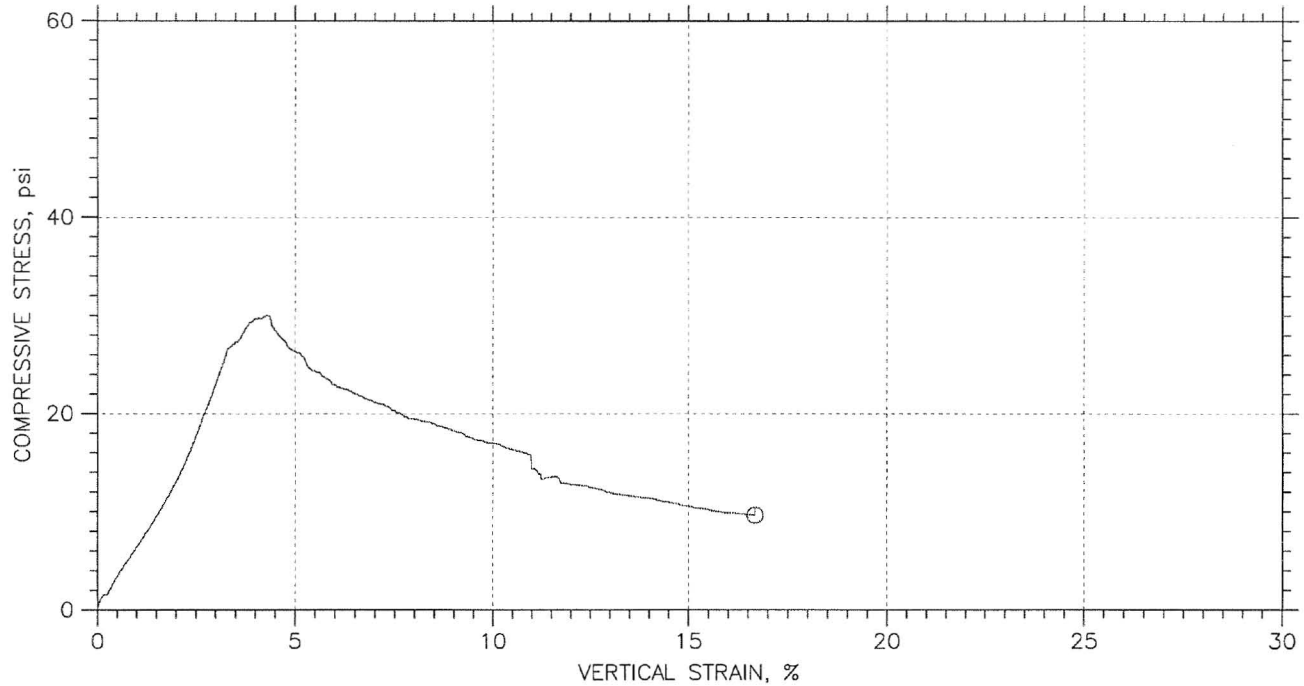
	Project: Votgle COL
	Location: B-3010 UD-2
	Project No.: 6141060286
	Boring No.: B-3010
	Sample Type: Undisturbed
	Description: CLAY (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1 <i>HS 7/30/07</i>

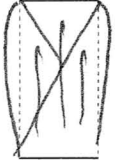
UNCONFINED COMPRESSION TEST REPORT



 MACTEC engineering and construction solutions The MACTEC Group, LLC, 10000 West 10th Avenue, Suite 100, Denver, CO 80202	Project: Votgle COL	Location: B-3010 UD-2	Project No.: 6141060286
	Boring No.: B-3010	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/16/07	Depth: 128.5'
	Test No.: 7514	Sample Type: Undisturbed	Elevation: 91.19'
	Description: CLAY (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/30/07

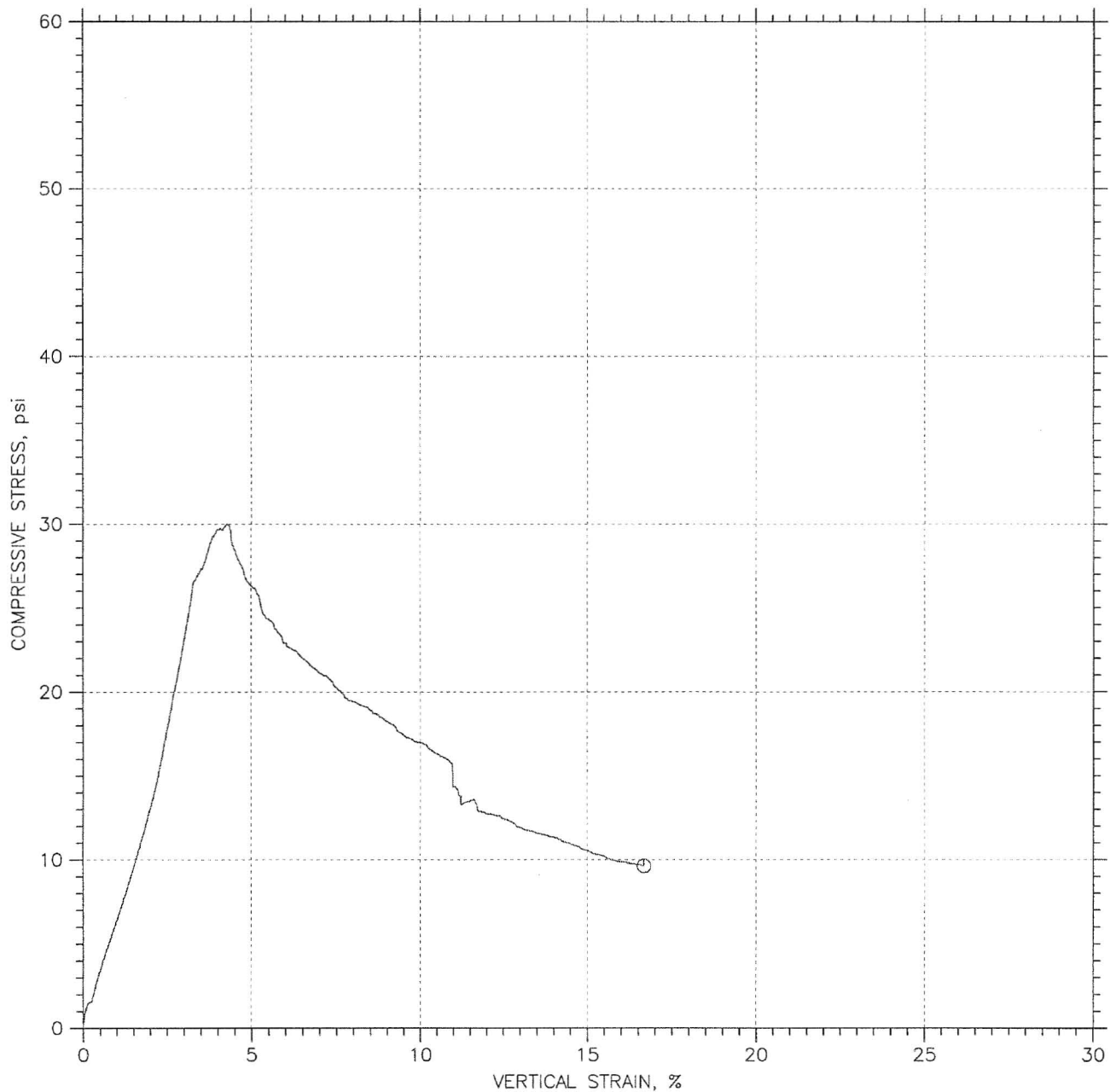
UNCONFINED COMPRESSION TEST REPORT



Symbol	Ø			
Test No.	7517			
Initial	Diameter, in	2.8527		
	Height, in	5.9967		
	Water Content, %	15.17		
	Dry Density, pcf	93.95		
	Saturation, %	51.58		
	Void Ratio	0.794		
Unconfined Compressive Strength, psi		30.01		
Undrained Shear Strength, psi		15.01		
Time to Failure, min		4.1624		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

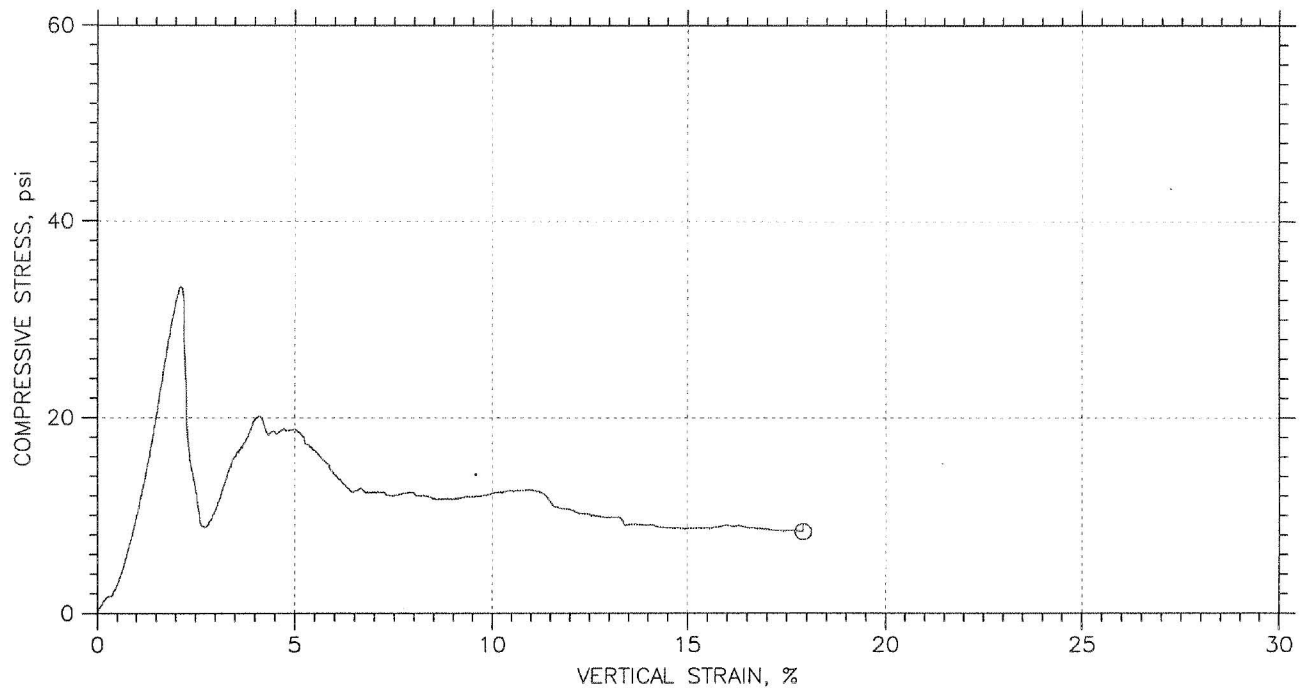
	Project: Vogtle COL
	Location: B-3013 UD-3
	Project No.: 6141060286
	Boring No.: B-3013
	Sample Type: Undisturbed
	Description: LIMESTONE (GP)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

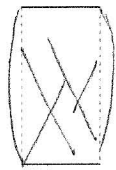
UNCONFINED COMPRESSION TEST REPORT



 MACTEC Engineering and Consulting, Inc. 10000 E. 1st Ave. Suite 100 Denver, CO 80231	Project: Vogtle COL	Location: B-3013 UD-3	Project No.: 6141060286
	Boring No.: B-3013	Tested By: BM	Checked By: HJ <i>10/24/07</i>
	Sample No.: UD-3	Test Date: 06/13/07	Depth: 118.5'
	Test No.: 7517	Sample Type: Undisturbed	Elevation: 102.01'
	Description: LIMESTONE (GP)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

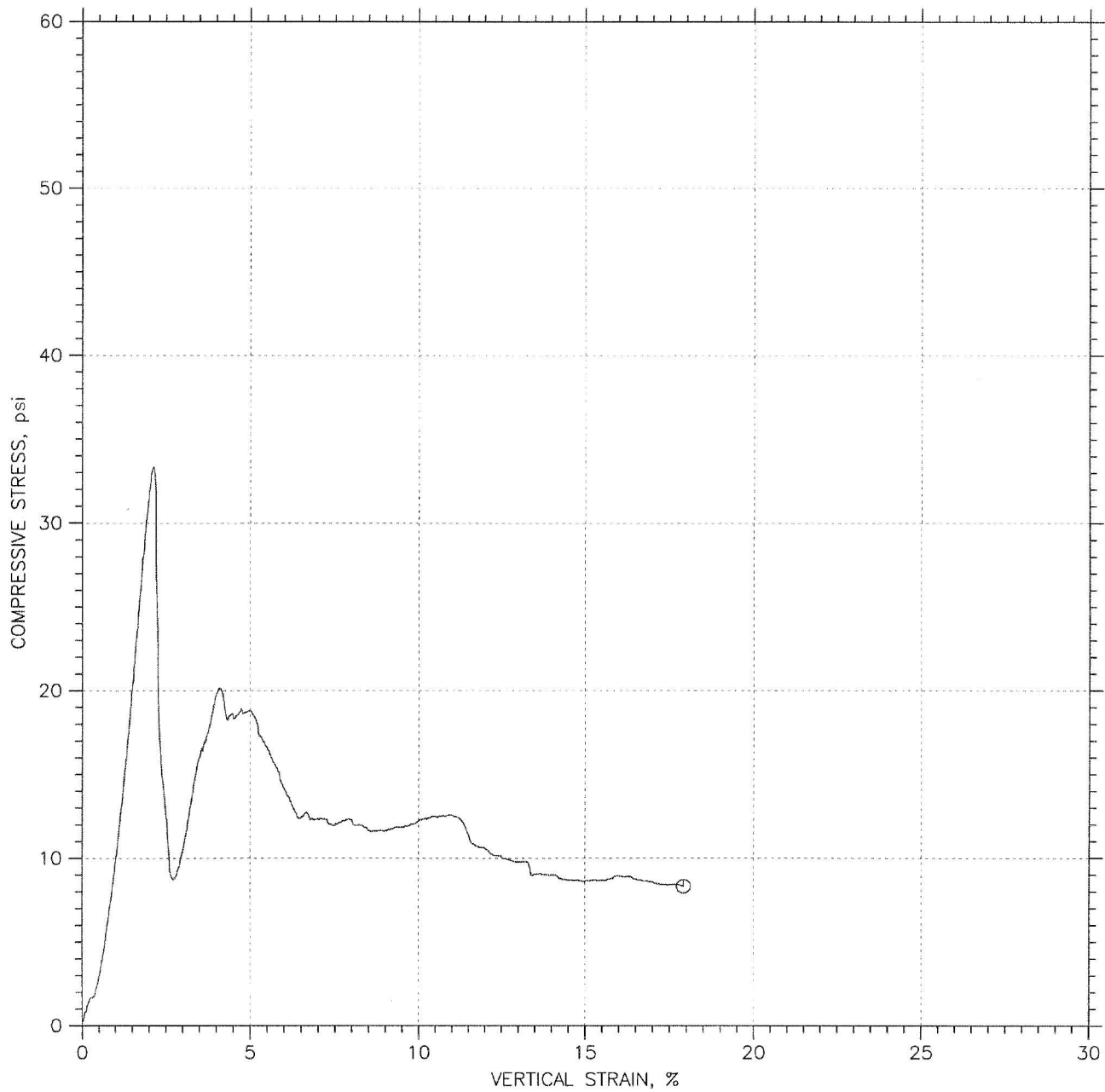
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7520			
Initial	Diameter, in	2.8527		
	Height, in	5.5843		
	Water Content, %	30.43		
	Dry Density, pcf	89.08		
	Saturation, %	92.11		
	Void Ratio	0.892		
Unconfined Compressive Strength, psi		33.33		
Undrained Shear Strength, psi		16.67		
Time to Failure, min		2.0958		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		52		
Plastic Limit		27		
Plasticity Index		25		
Failure Sketch				

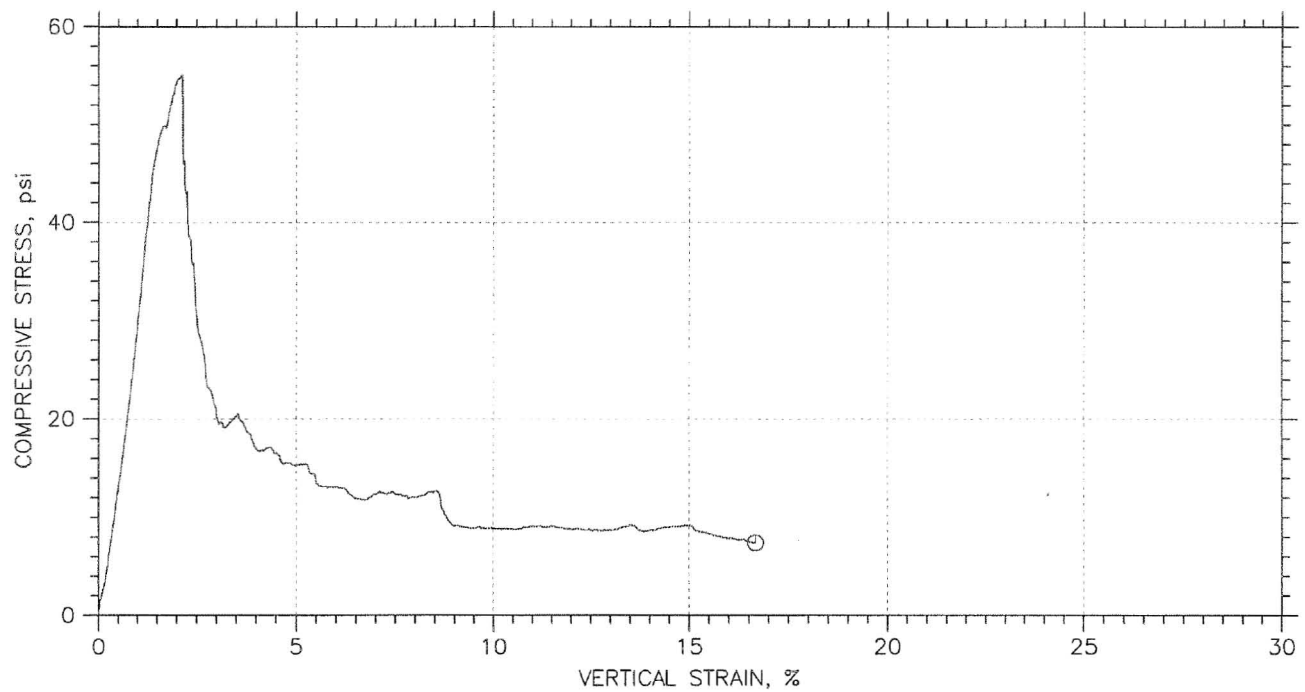
	Project: Vogtle COL
	Location: B-3015 UD-1C
	Project No.: 6141060286
	Boring No.: B-3015
	Sample Type: Undisturbed
	Description: CLAY (CH)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

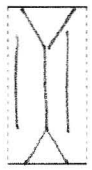
UNCONFINED COMPRESSION TEST REPORT



 MACTEC Engineering and Construction Technology Solutions	Project: Vogtle COL	Location: B-3015 UD-1C	Project No.: 6141060286
	Boring No.: B-3015	Tested By: BM	Checked By: HJ
	Sample No.: UD-1C	Test Date: 06/13/07	Depth: 121.5'
	Test No.: 7520	Sample Type: Undisturbed	Elevation: 100.28'
	Description: CLAY (CH)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

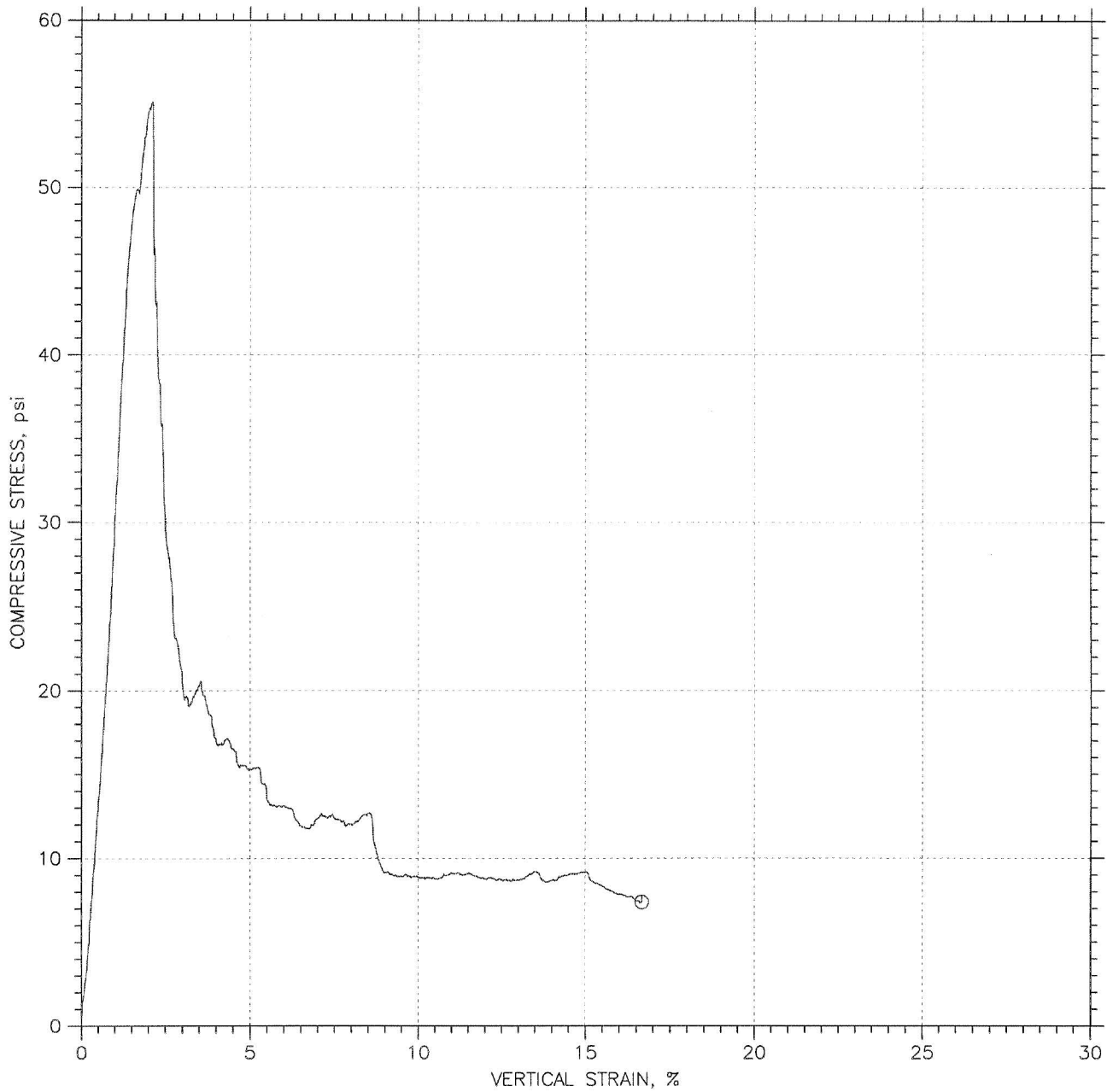
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7521			
Initial	Diameter, in	2.871		
	Height, in	6		
	Water Content, %	17.58		
	Dry Density, pcf	111.7		
	Saturation, %	93.33		
	Void Ratio	0.508		
Unconfined Compressive Strength, psi		55.13		
Undrained Shear Strength, psi		27.56		
Time to Failure, min		2.1292		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

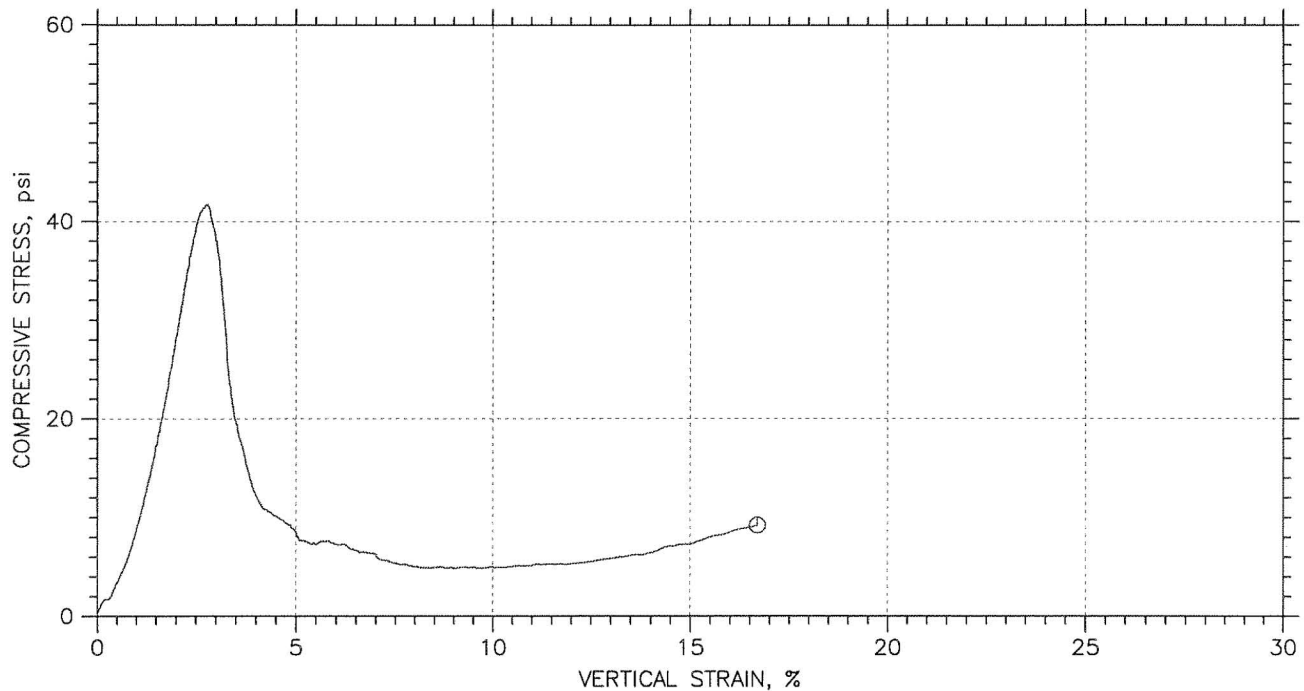
	Project: Votgle COL
	Location: B-3015 UD-2
	Project No.: 6141060286
	Boring No.: B-3015
	Sample Type: Undisturbed
	Description: CLAY (CH)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

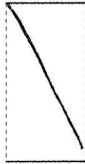
UNCONFINED COMPRESSION TEST REPORT



 Engineering and Construction Services 200 West 10th Street, Suite 1000, Oklahoma City, Oklahoma 73101-2000 Tel: (405) 241-1111 Fax: (405) 241-1112	Project: Votgle COL	Location: B-3015 UD-2	Project No.: 6141060286
	Boring No.: B-3015	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 5/17/07	Depth: 143.5'
	Test No.: 7521	Sample Type: Undisturbed	Elevation: 78.28'
	Description: CLAY (CH)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

UNCONFINED COMPRESSION TEST REPORT

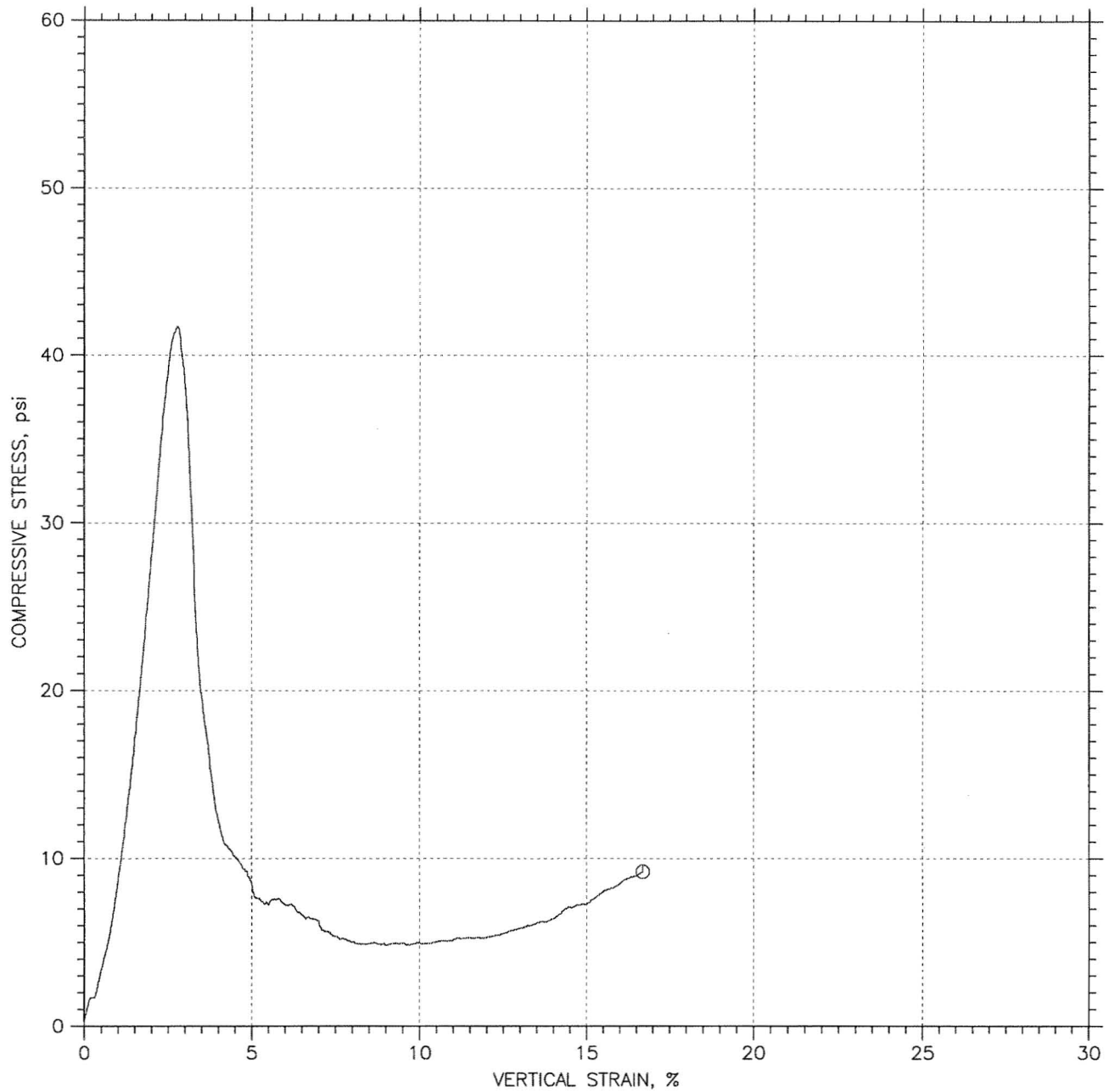


Symbol	⊙			
Test No.	7525			
Initial	Diameter, in	2.8969		
	Height, in	5.9907		
	Water Content, %	21.44		
	Dry Density, pcf	99.68		
	Saturation, %	83.78		
	Void Ratio	0.691		
Unconfined Compressive Strength, psi		41.73		
Undrained Shear Strength, psi		20.87		
Time to Failure, min		2.7417		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		63		
Plastic Limit		37		
Plasticity Index		26		
Failure Sketch				

	Project: Votgle COL
	Location: B-3018 UD-2
	Project No.: 6141060286
	Boring No.: B-3018
	Sample Type: Undisturbed
	Description: SILT (MH)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

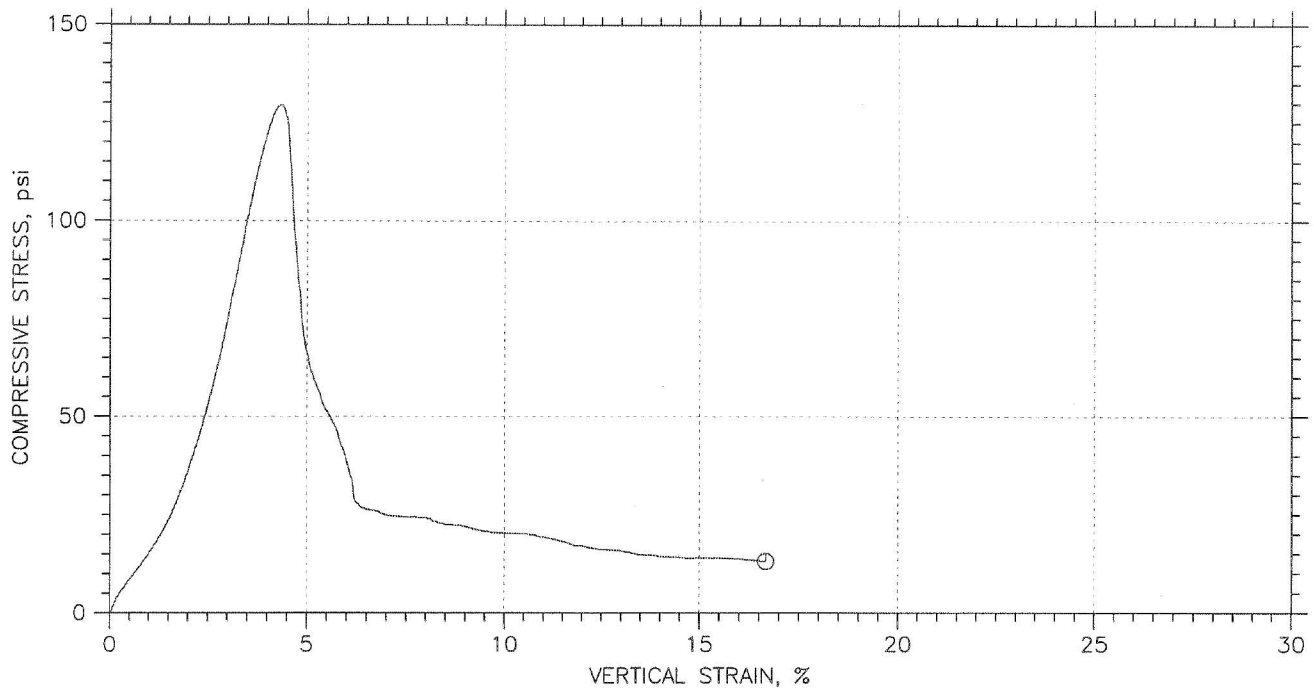
14 7/31/07

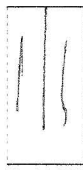
UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-3018 UD-2	Project No.: 6141060286
	Boring No.: B-3018	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 6/27/07	Depth: 113.50'
	Test No.: 7525	Sample Type: Undisturbed	Elevation: 106.30'
	Description: SILT (MH)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
	14 7/31/07		

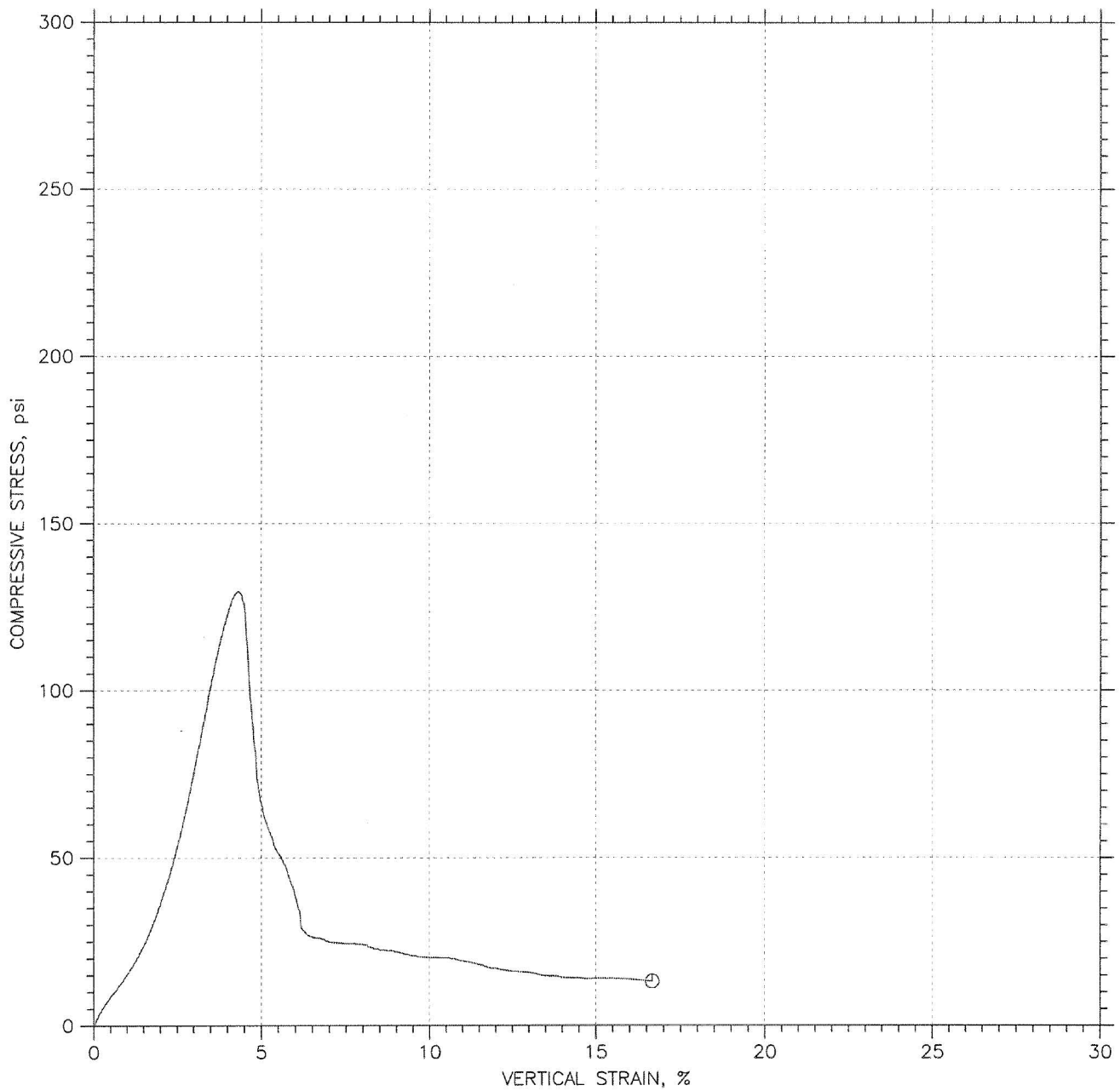
UNCONFINED COMPRESSION TEST REPORT



Symbol	Ⓚ			
Test No.	7526			
Initial	Diameter, in	2.855		
	Height, in	6		
	Water Content, %	23.14		
	Dry Density, pcf	102.2		
	Saturation, %	96.21		
	Void Ratio	0.649		
Unconfined Compressive Strength, psi		129.5		
Undrained Shear Strength, psi		64.77		
Time to Failure, min		4.2676		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

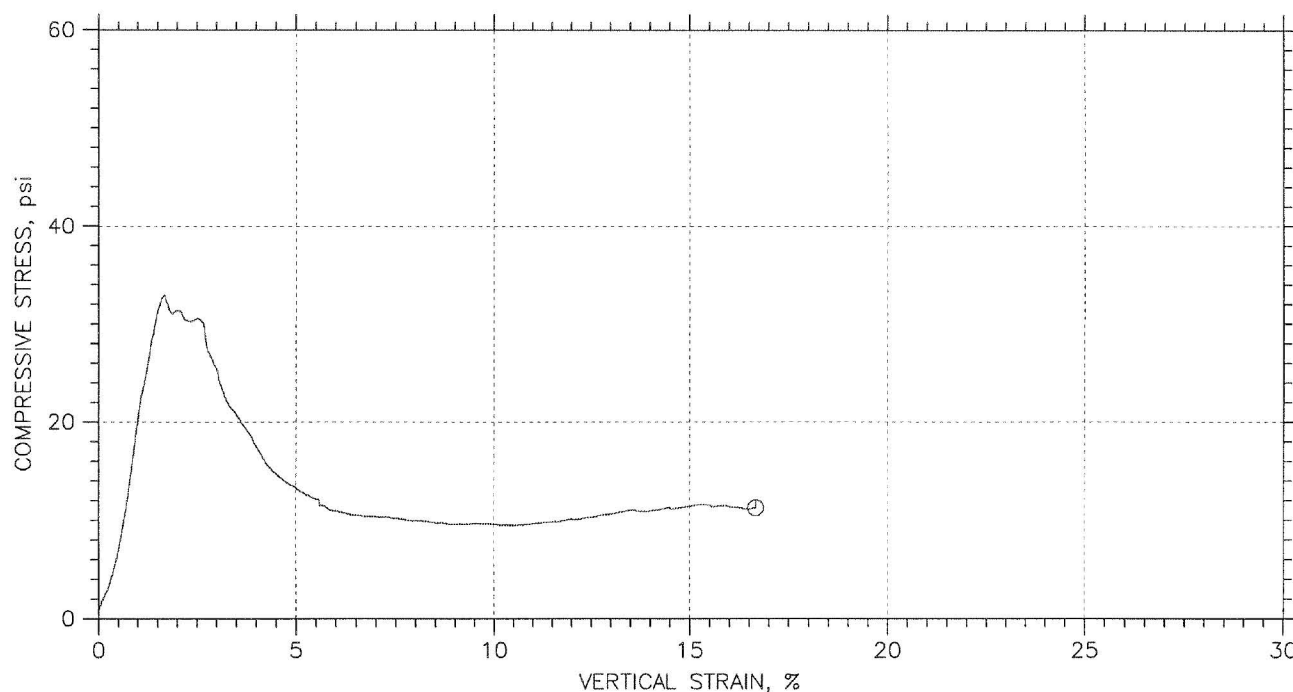
	Project: Votgle COL
	Location: B-3018 UD-3
	Project No.: 6141060286
	Boring No.: B-3018
	Sample Type: Undisturbed
	Description: CLAY, with sand (CL)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

UNCONFINED COMPRESSION TEST REPORT



 MACTEC Engineering and Consulting, a technology-driven civil engineering firm, is a leader in the industry.	Project: Votgle COL	Location: B-3018 UD-3	Project No.: 6141060286
	Boring No.: B-3018	Tested By: BM	Checked By: HJ
	Sample No.: UD-3	Test Date: 5/17/07	Depth: 148.5'
	Test No.: 7526	Sample Type: Undisturbed	Elevation: 71.30'
	Description: CLAY, with sand (CL)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

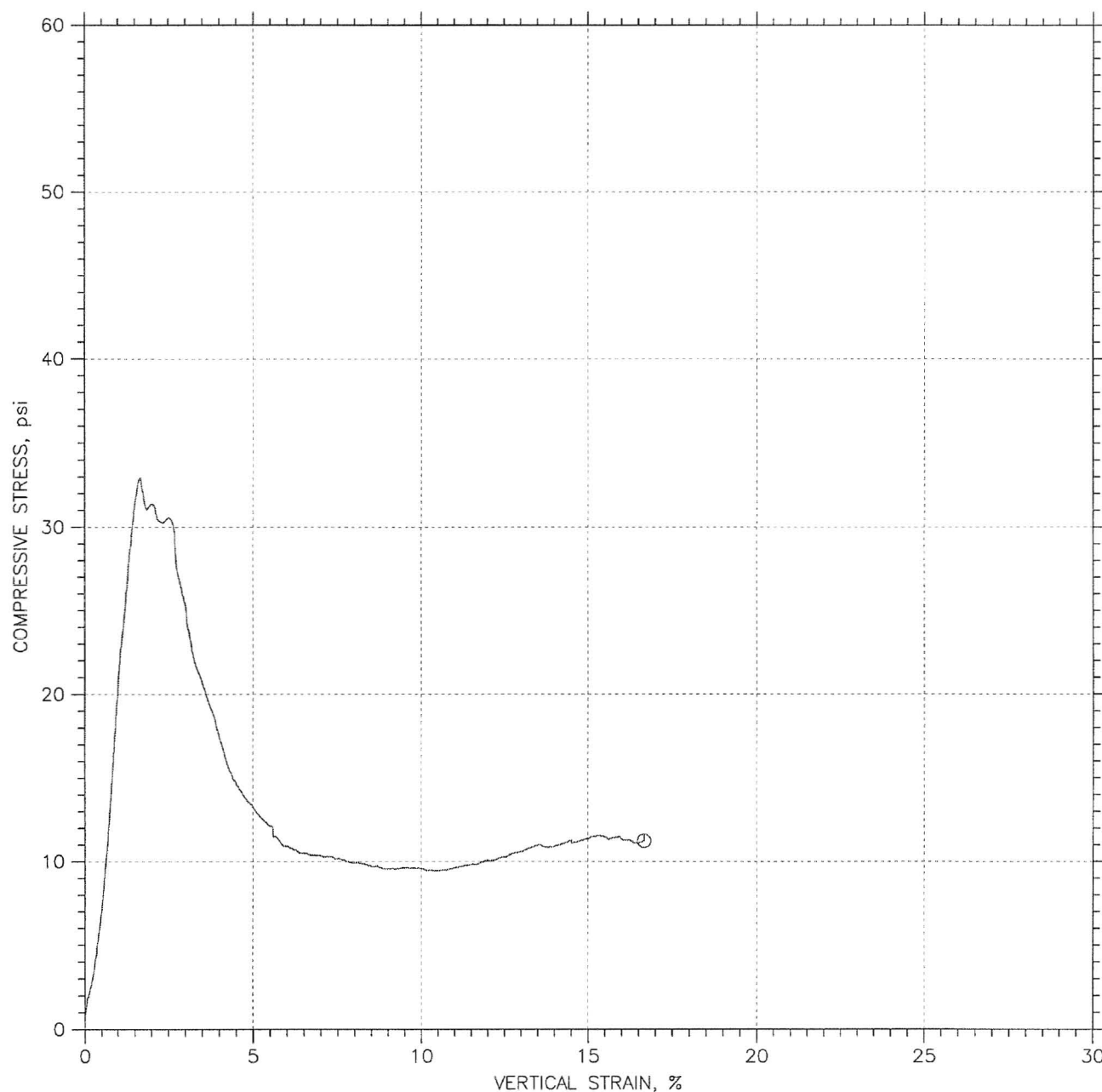
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7529			
Initial	Diameter, in	2.86		
	Height, in	6		
	Water Content, %	28.78		
	Dry Density, pcf	92.43		
	Saturation, %	94.37		
	Void Ratio	0.824		
Unconfined Compressive Strength, psi		32.95		
Undrained Shear Strength, psi		16.47		
Time to Failure, min		1.6707		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

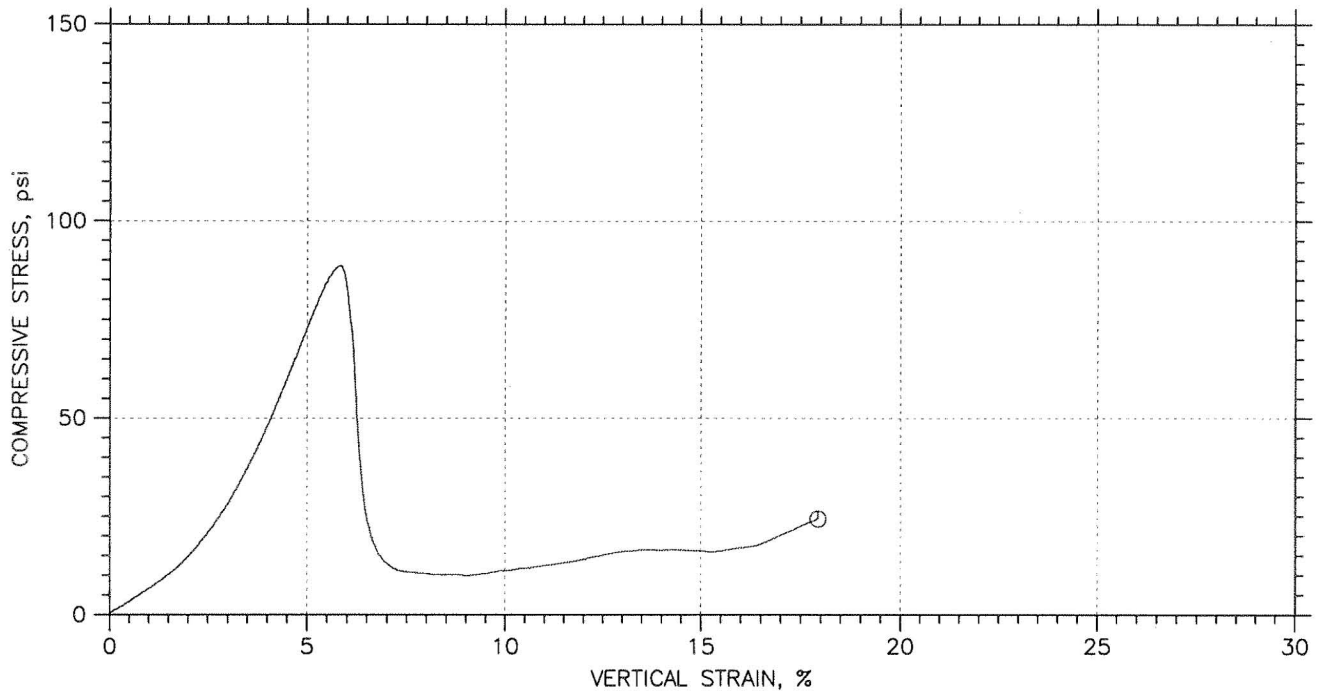
	Project: Votgle COL
	Location: B-3019 UD-3
	Project No.: 6141060286
	Boring No.: B-3019
	Sample Type: Undisturbed
	Description: LIMESTONE, silty (GM)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

UNCONFINED COMPRESSION TEST REPORT



 Engineering and Consulting, a service to the world 200 West 10th Street, Suite 1000, Portland, OR 97204-2900, USA	Project: Votgle COL	Location: B-3019 UD-3	Project No.: 6141060286
	Boring No.: B-3019	Tested By: BM	Checked By: HJ <i>HJ 10/20/07</i>
	Sample No.: UD-3	Test Date: 5/17/07	Depth: 118.5'
	Test No.: 7529	Sample Type: Undisturbed	Elevation: 103.92'
	Description: LIMESTONE, silty (GM)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		

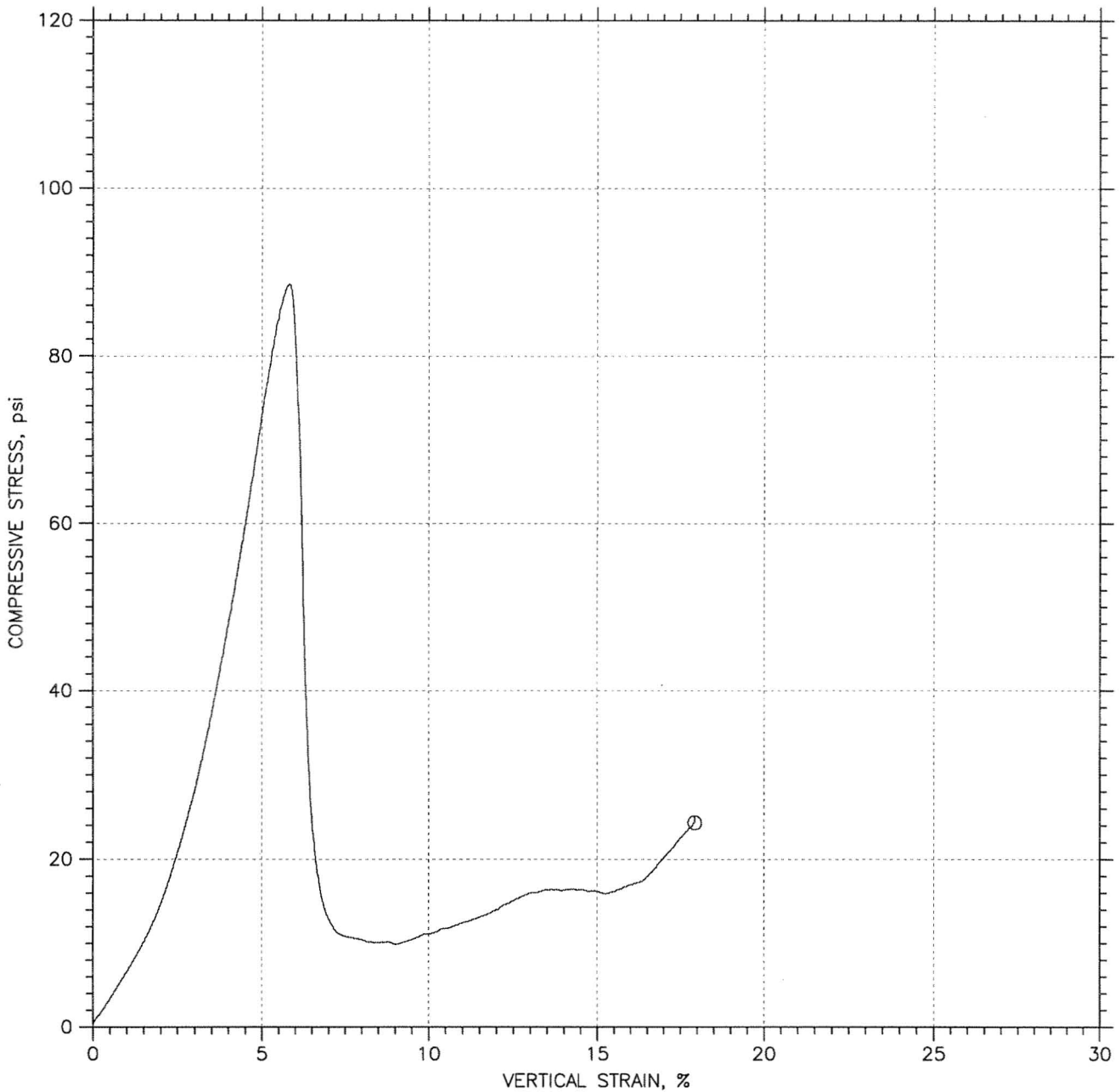
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7530			
Initial	Diameter, in	2.877		
	Height, in	5.578		
	Water Content, %	32.78		
	Dry Density, pcf	83.43		
	Saturation, %	86.73		
	Void Ratio	1.02		
Unconfined Compressive Strength, psi		88.55		
Undrained Shear Strength, psi		44.27		
Time to Failure, min		5.6918		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

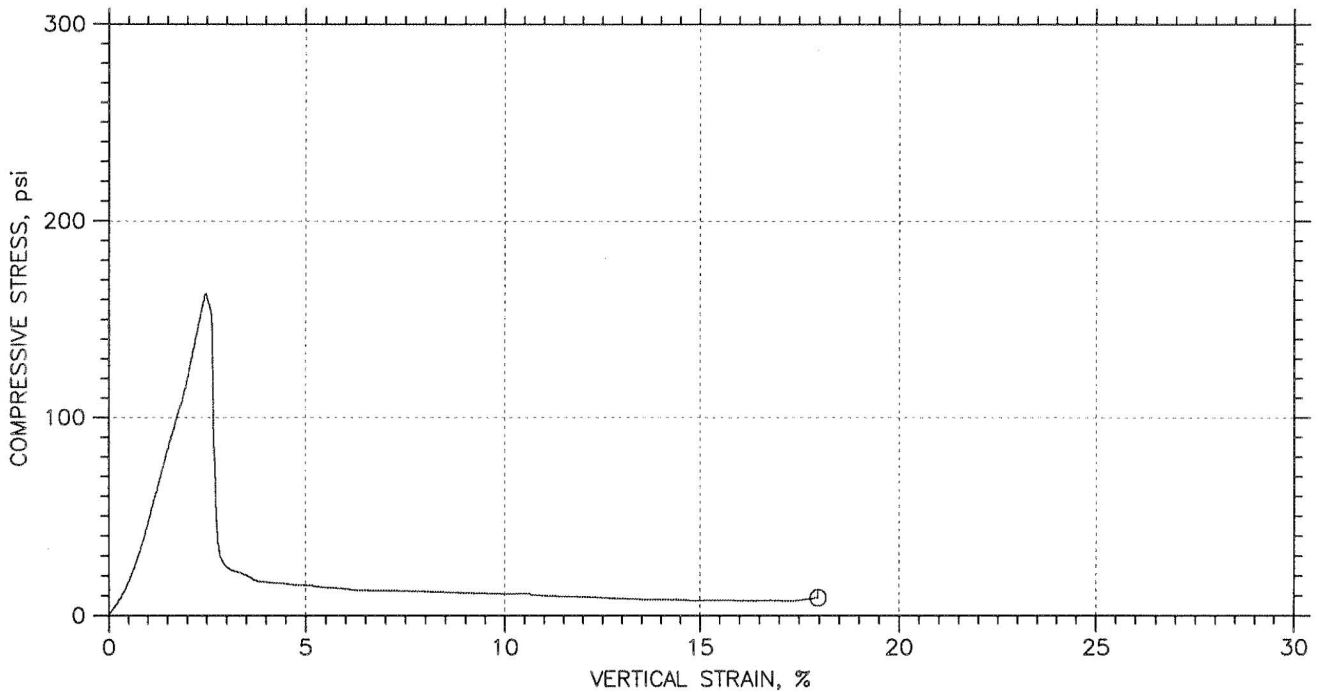
	Project: Votgle COL
	Location: B-3020 UD-1
	Project No.: 6141060286
	Boring No.: B-3020
	Sample Type: Undisturbed
	Description: CLAY, silty (CL-ML) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1 HS 7/30/07

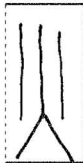
UNCONFINED COMPRESSION TEST REPORT



 Engineering and Consulting Solutions 276 West 30th St., Suite 2000, New York, NY 10001-2207	Project: Votgle COL	Location: B-3020 UD-1	Project No.: 6141060286
	Boring No.: B-3020	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/07/07	Depth: 103.5'
	Test No.: 7530	Sample Type: Undisturbed	Elevation: 118.94'
	Description: CLAY, silty (CL-ML) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HB 7/30/07

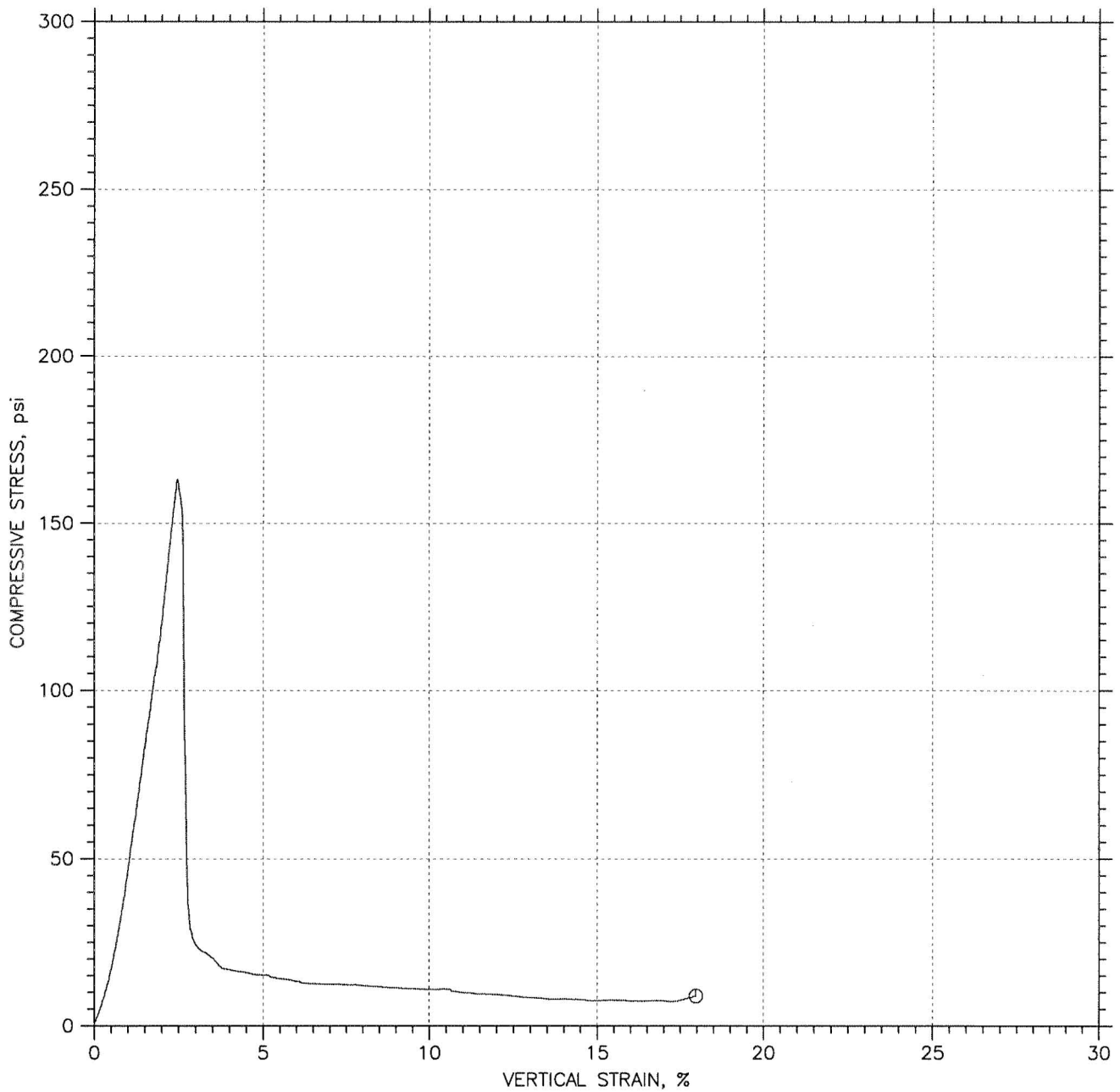
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7532			
Initial	Diameter, in	2.895		
	Height, in	5.565		
	Water Content, %	30.21		
	Dry Density, pcf	88.55		
	Saturation, %	90.27		
	Void Ratio	0.904		
Unconfined Compressive Strength, psi		163.1		
Undrained Shear Strength, psi		81.54		
Time to Failure, min		2.5457		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

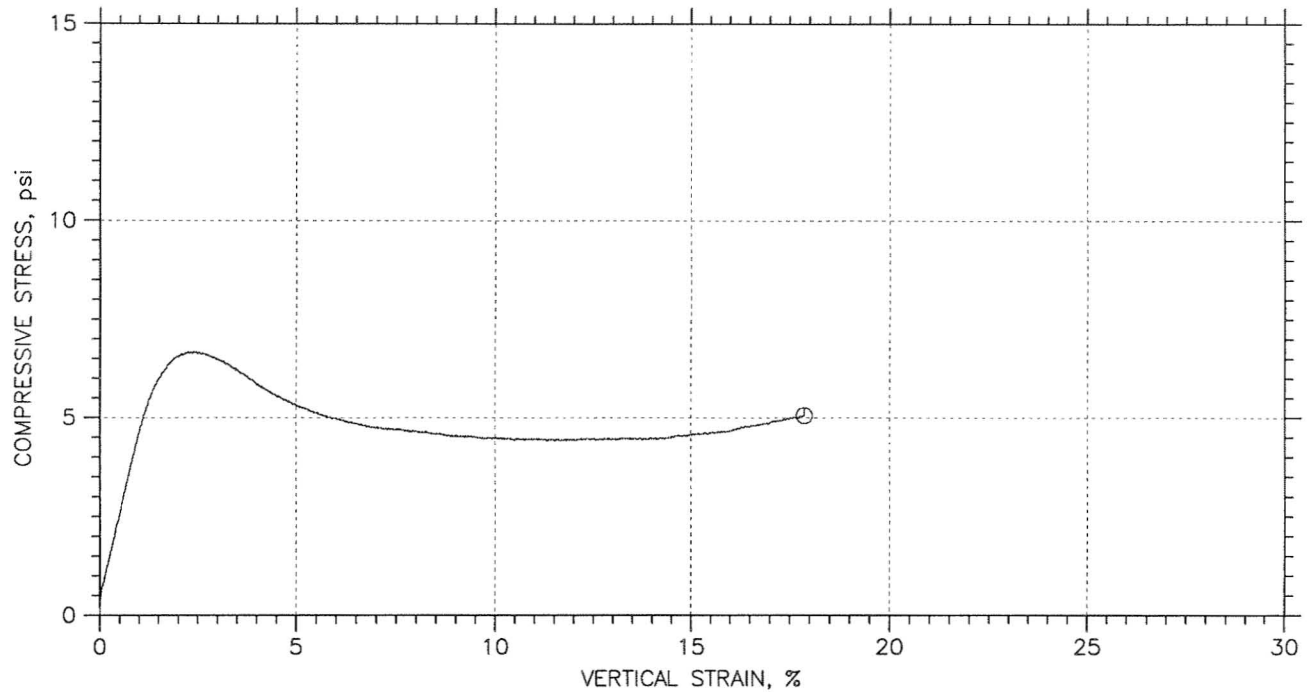
	Project: Votgle COL
	Location: B-3021 UD-1
	Project No.: 6141060286
	Boring No.: B-3021
	Sample Type: Undisturbed
	Description: CLAY, silty (CL-ML) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1
HS 7/30/07	

UNCONFINED COMPRESSION TEST REPORT



 Engineering and Consulting Solutions The MACTEC Group of Companies	Project: Votgle COL	Location: B-3021 UD-1	Project No.: 6141060286
	Boring No.: B-3021	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/07/07	Depth: 103.5'
	Test No.: 7532	Sample Type: Undisturbed	Elevation: 119.69'
	Description: CLAY, silty (CL-ML) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 2/30/07

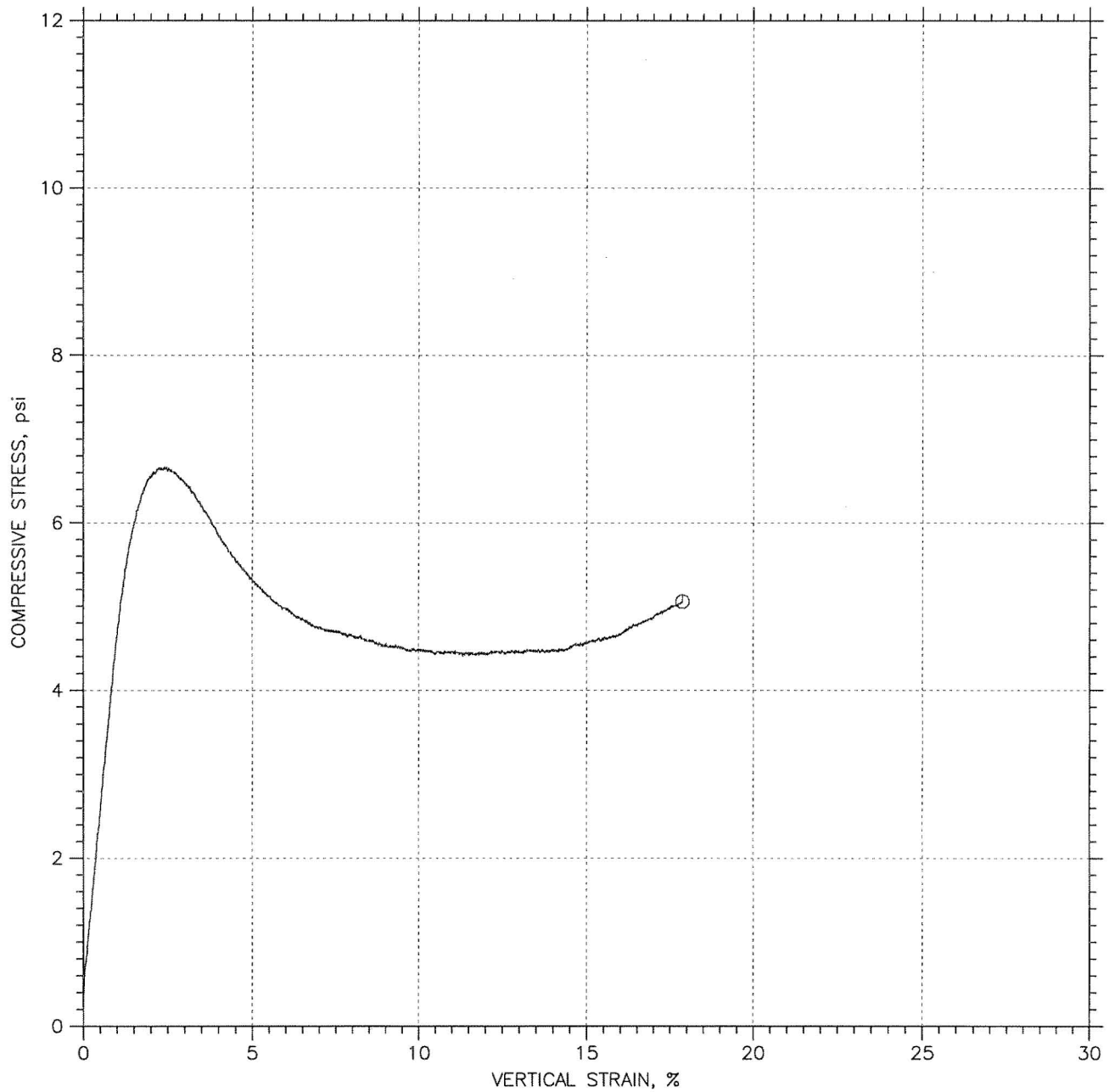
UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7535			
Initial	Diameter, in	2.893		
	Height, in	5.597		
	Water Content, %	29.91		
	Dry Density, pcf	89.26		
	Saturation, %	90.92		
	Void Ratio	0.888		
Unconfined Compressive Strength, psi		6.669		
Undrained Shear Strength, psi		3.334		
Time to Failure, min		2.3251		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

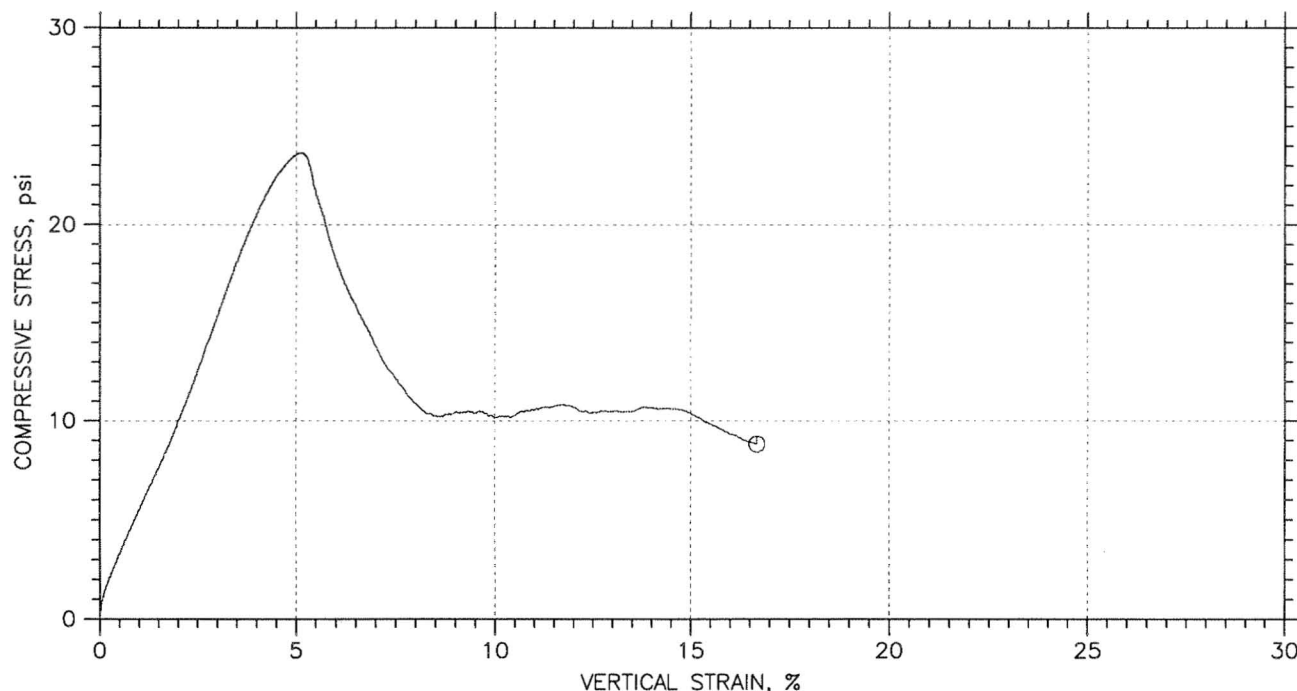
	Project: Votgle COL
	Location: B-3023 UD-1
	Project No.: 6141060286
	Boring No.: B-3023
	Sample Type: Undisturbed
	Description: CLAY, (CL) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1 1/1 7/31/07

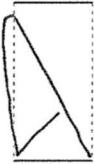
UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-3023 UD-1	Project No.: 6141060286
	Boring No.: B-3023	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/07/07	Depth: 93.0'
	Test No.: 7535	Sample Type: Undisturbed	Elevation: 129.81'
	Description: CLAY, (CL) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			<i>HJ 7/31/07</i>

UNCONFINED COMPRESSION TEST REPORT

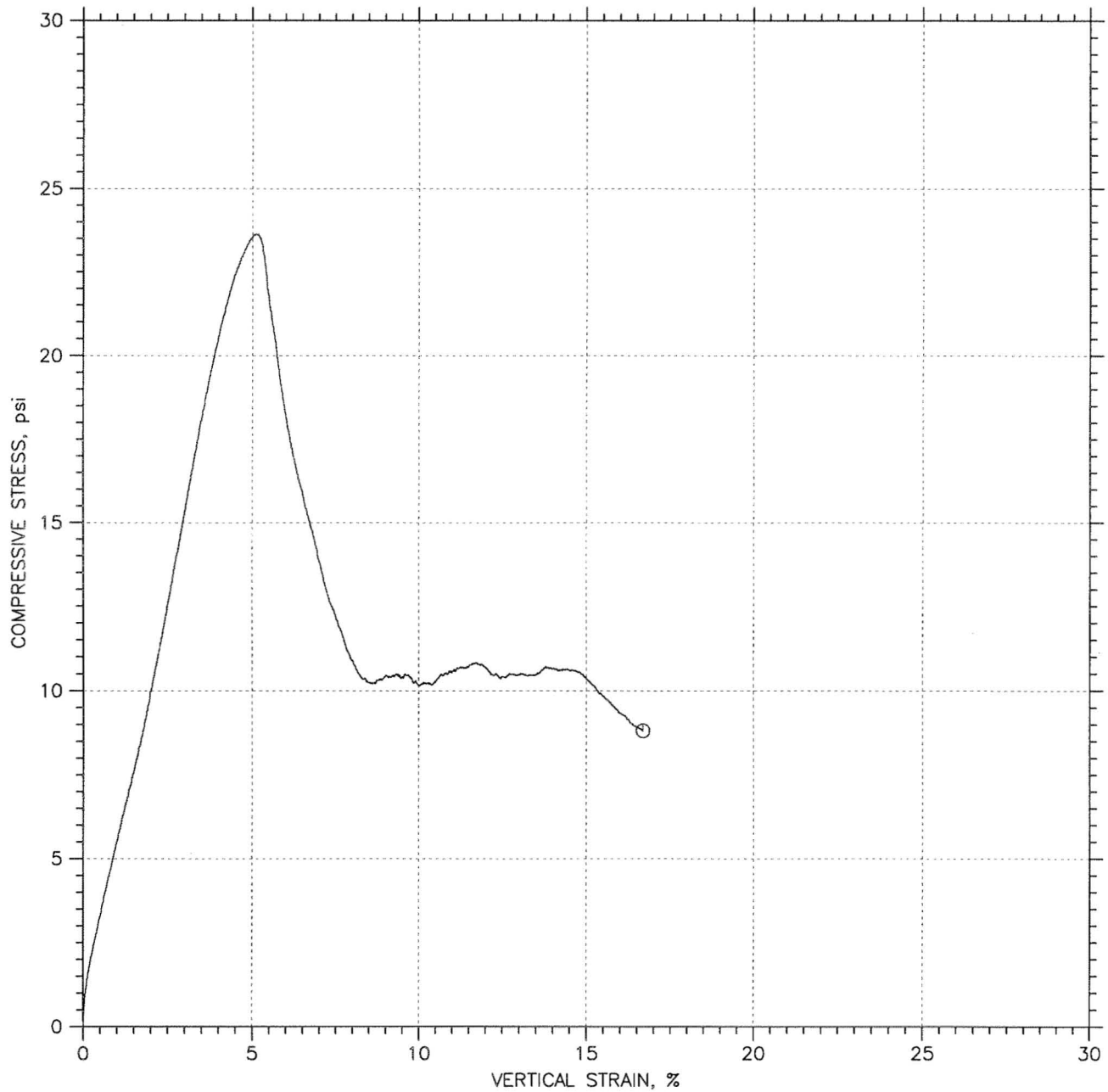


Symbol	Ø			
Test No.	7538			
Initial	Diameter, in	2.86		
	Height, in	5.995		
	Water Content, %	24.46		
	Dry Density, pcf	102.1		
	Saturation, %	101.57		
	Void Ratio	0.65		
Unconfined Compressive Strength, psi		23.63		
Undrained Shear Strength, psi		11.82		
Time to Failure, min		4.9959		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-3023 UD-4
	Project No.: 6141060286
	Boring No.: B-3023
	Sample Type: Undisturbed
	Description: SAND, with silt (SP-SM) (Visual)
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1

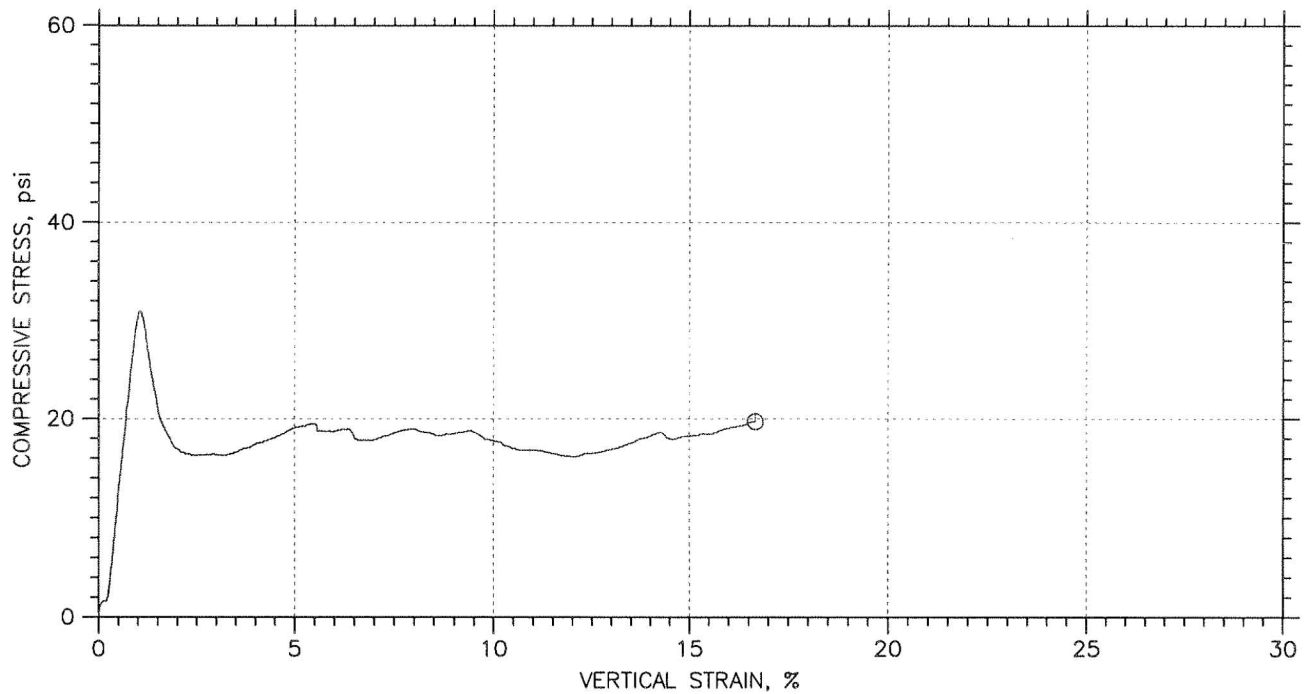
15 7/30/07

UNCONFINED COMPRESSION TEST REPORT



 engineering and consulting, a contract corporation 200 West 10th Street, Suite 1000, Portland, Oregon 97201-2000	Project: Votgle COL	Location: B-3023 UD-4	Project No.: 6141060286
	Boring No.: B-3023	Tested By: BM	Checked By: HJ
	Sample No.: UD-4	Test Date: 6/08/07	Depth: 148.0'
	Test No.: 7538	Sample Type: Undisturbed	Elevation: 74.81'
	Description: SAND, with silt (SP-SM) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/30/07

UNCONFINED COMPRESSION TEST REPORT

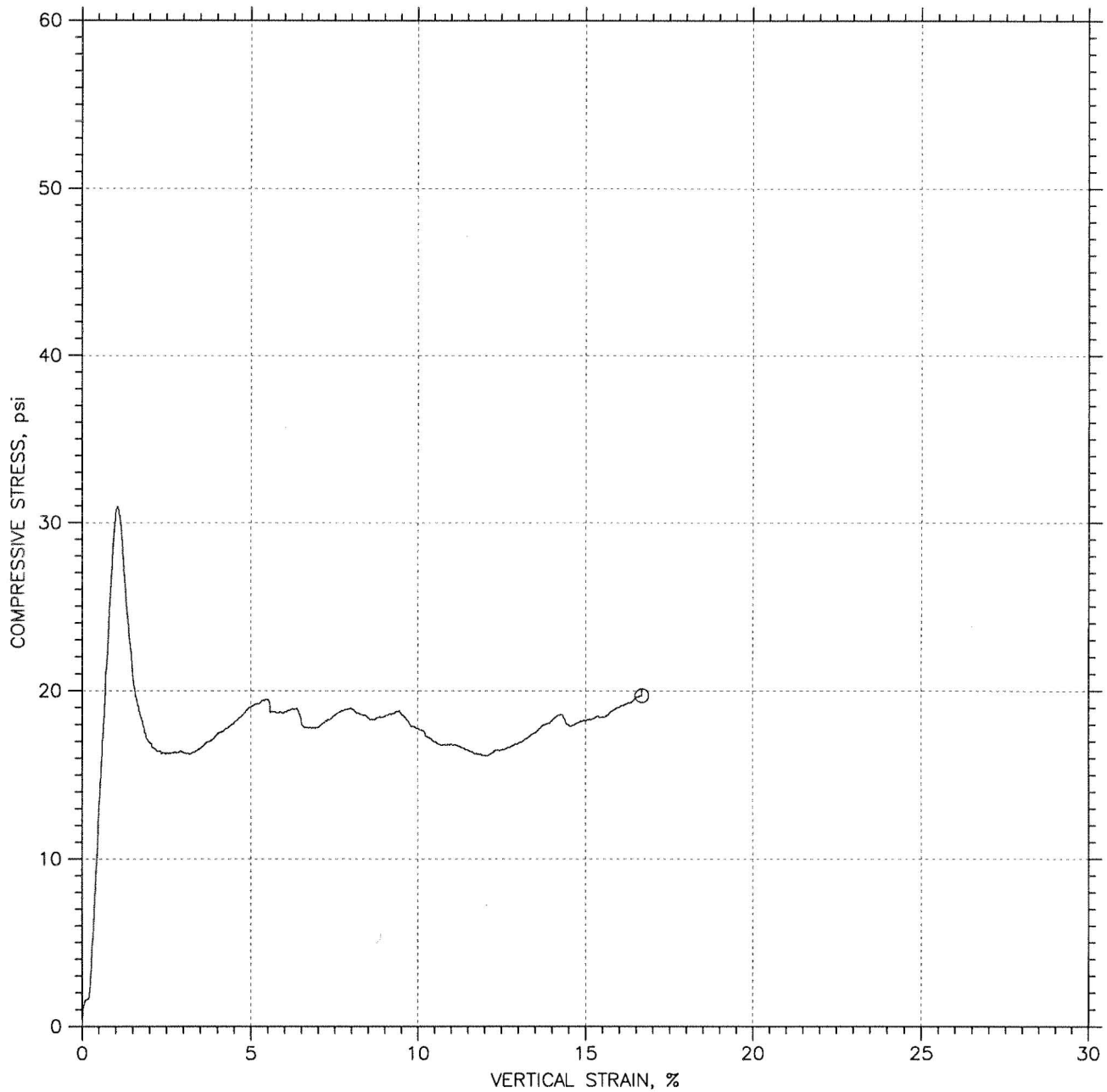


Symbol	⊙			
Test No.	7541			
Initial	Diameter, in	2.8638		
	Height, in	5.9988		
	Water Content, %	38.63		
	Dry Density, pcf	78.58		
	Saturation, %	91.07		
	Void Ratio	1.15		
Unconfined Compressive Strength, psi		30.95		
Undrained Shear Strength, psi		15.48		
Time to Failure, min		1.0582		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-3025 UD-1
	Project No.: 6141060286
	Boring No.: B-3025
	Sample Type: Undisturbed
	Description: SILT (ML) (Visual)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

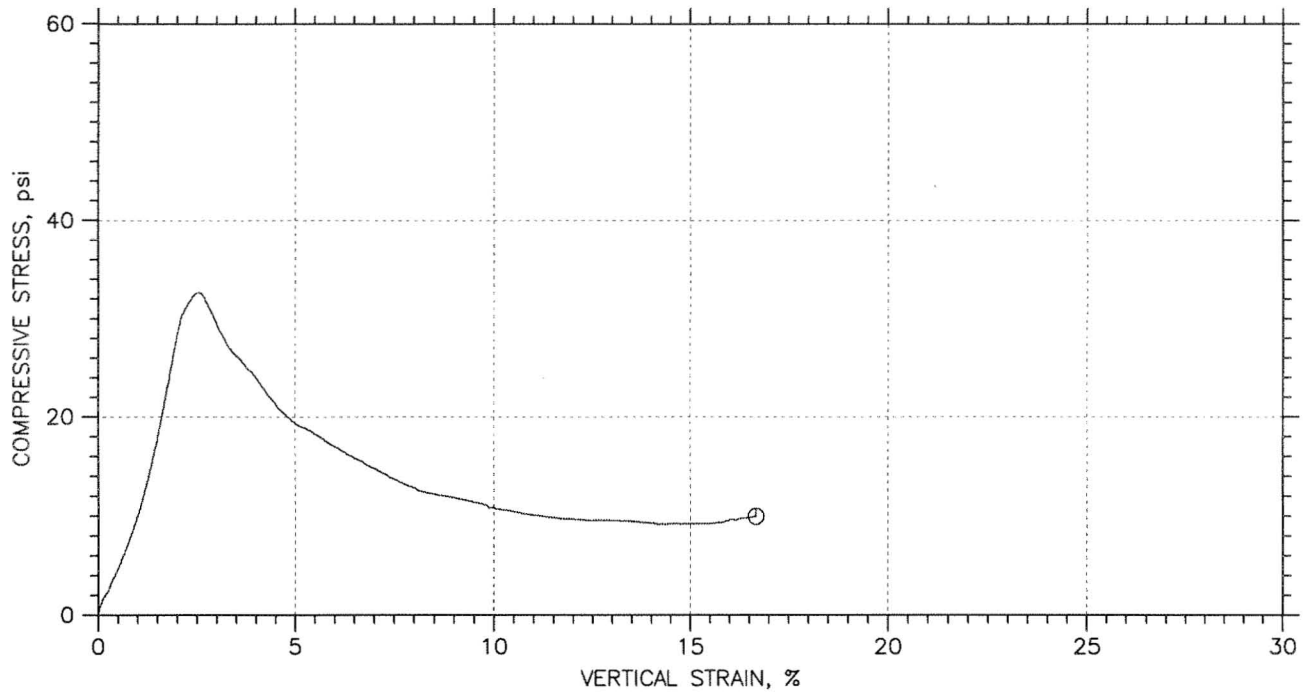
713067

UNCONFINED COMPRESSION TEST REPORT



 Engineering and Consulting, Inc. 225 West 10th St., Suite 200, Oklahoma City, OK 73102-4425, Phone: 405-233-1611	Project: Votgle COL	Location: B-3025 UD-1	Project No.: 6141060286
	Boring No.: B-3025	Tested By: BM	Checked By: HJ
	Sample No.: UD-1	Test Date: 6/14/07	Depth: 103.5'
	Test No.: 7541	Sample Type: Undisturbed	Elevation: 114.71'
	Description: SILT (ML) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/20/07

UNCONFINED COMPRESSION TEST REPORT

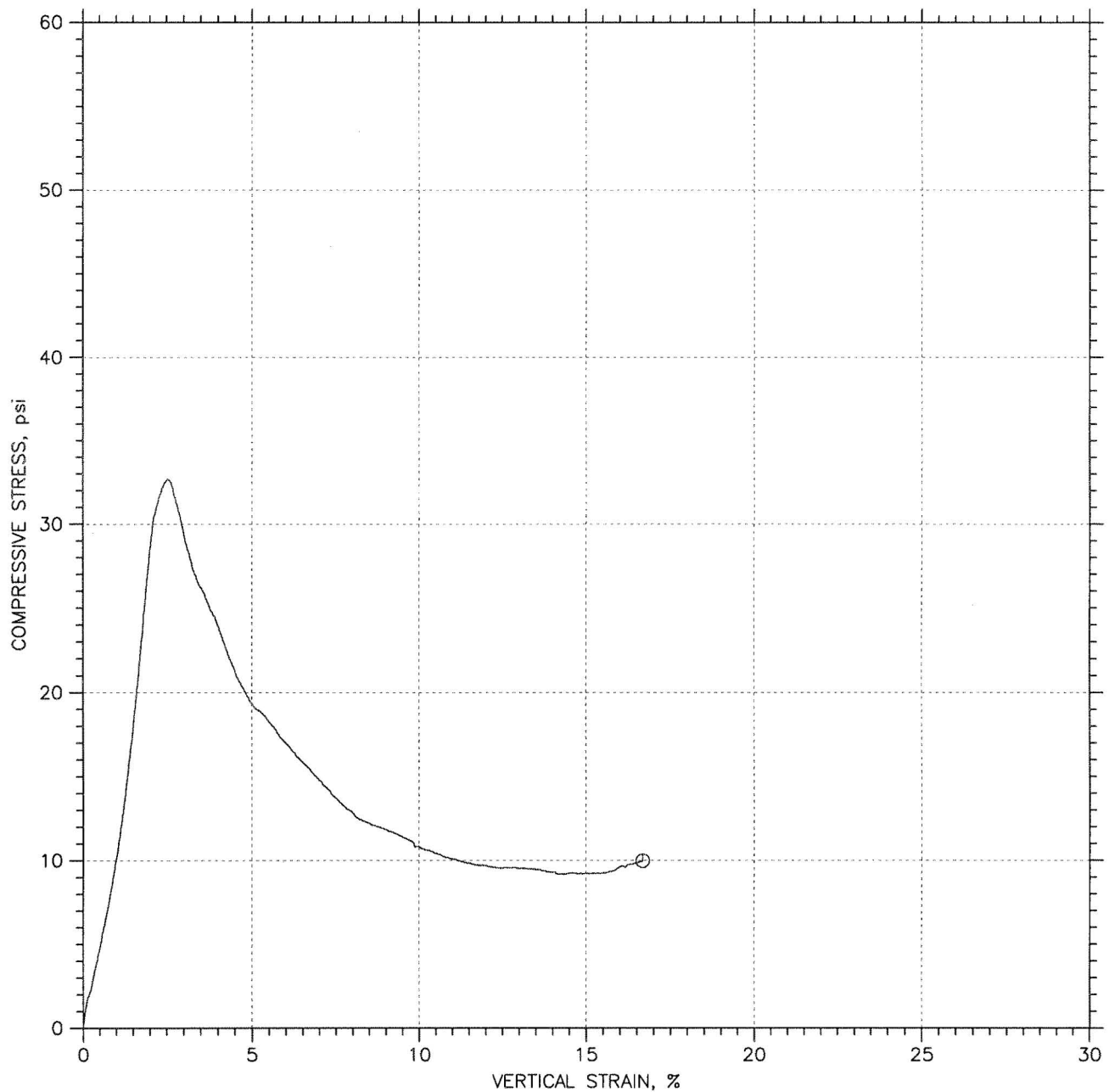


Symbol	⊙			
Test No.	7542			
Initial	Diameter, in	2.8608		
	Height, in	5.9978		
	Water Content, %	22.74		
	Dry Density, pcf	99.02		
	Saturation, %	87.42		
	Void Ratio	0.702		
Unconfined Compressive Strength, psi		32.7		
Undrained Shear Strength, psi		16.35		
Time to Failure, min		2.5124		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		53		
Plastic Limit		23		
Plasticity Index		30		
Failure Sketch				

	Project: Votgle COL
	Location: B-3025 UD-2
	Project No.: 6141060286
	Boring No.: B-3025
	Sample Type: Undisturbed
	Description: CLAY, with sand (CH)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

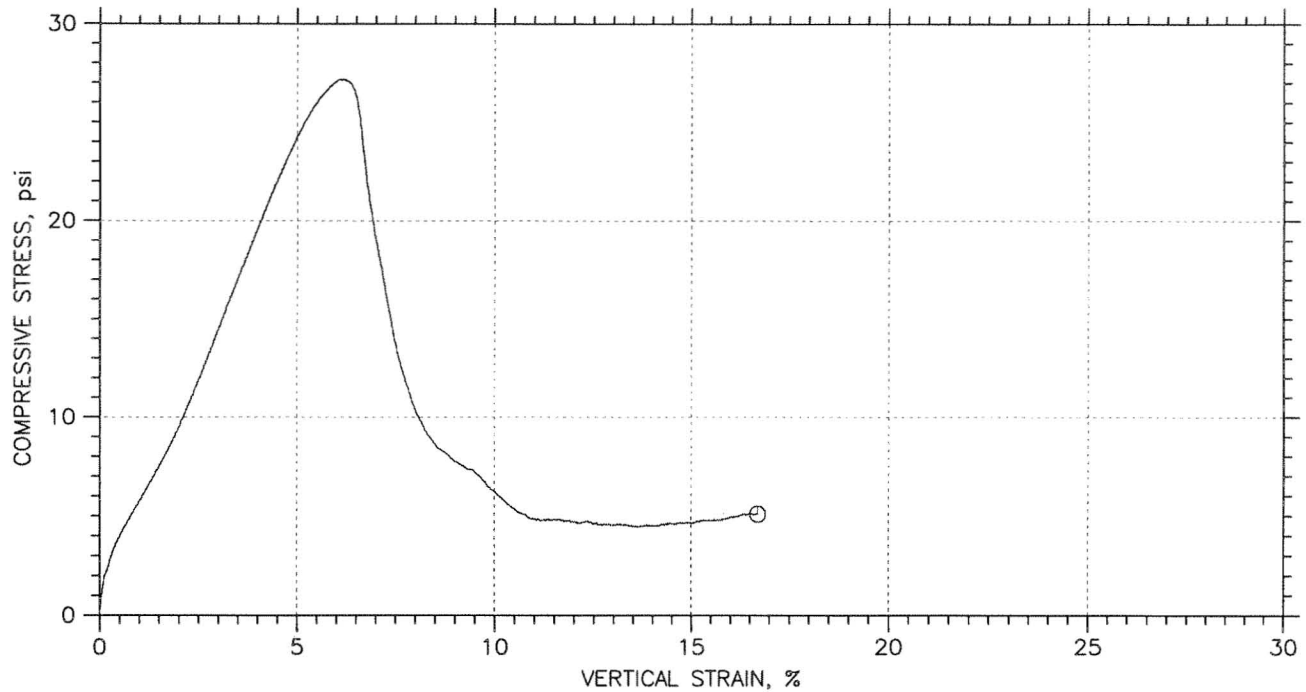
HJ 7/30/07

UNCONFINED COMPRESSION TEST REPORT



 engineering and contracting a better foundation 200 MACEC DRIVE, PLAZA, AUSTIN, TEXAS 78745 (512) 453-4300 FAX (512) 453-4301	Project: Votgle COL	Location: B-3025 UD-2	Project No.: 6141060286
	Boring No.: B-3025	Tested By: BM	Checked By: HJ
	Sample No.: UD-2	Test Date: 6/14/07	Depth: 133.5'
	Test No.: 7542	Sample Type: Undisturbed	Elevation: 84.71'
	Description: CLAY, with sand (CH)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
	HJ 7/3/07		

UNCONFINED COMPRESSION TEST REPORT

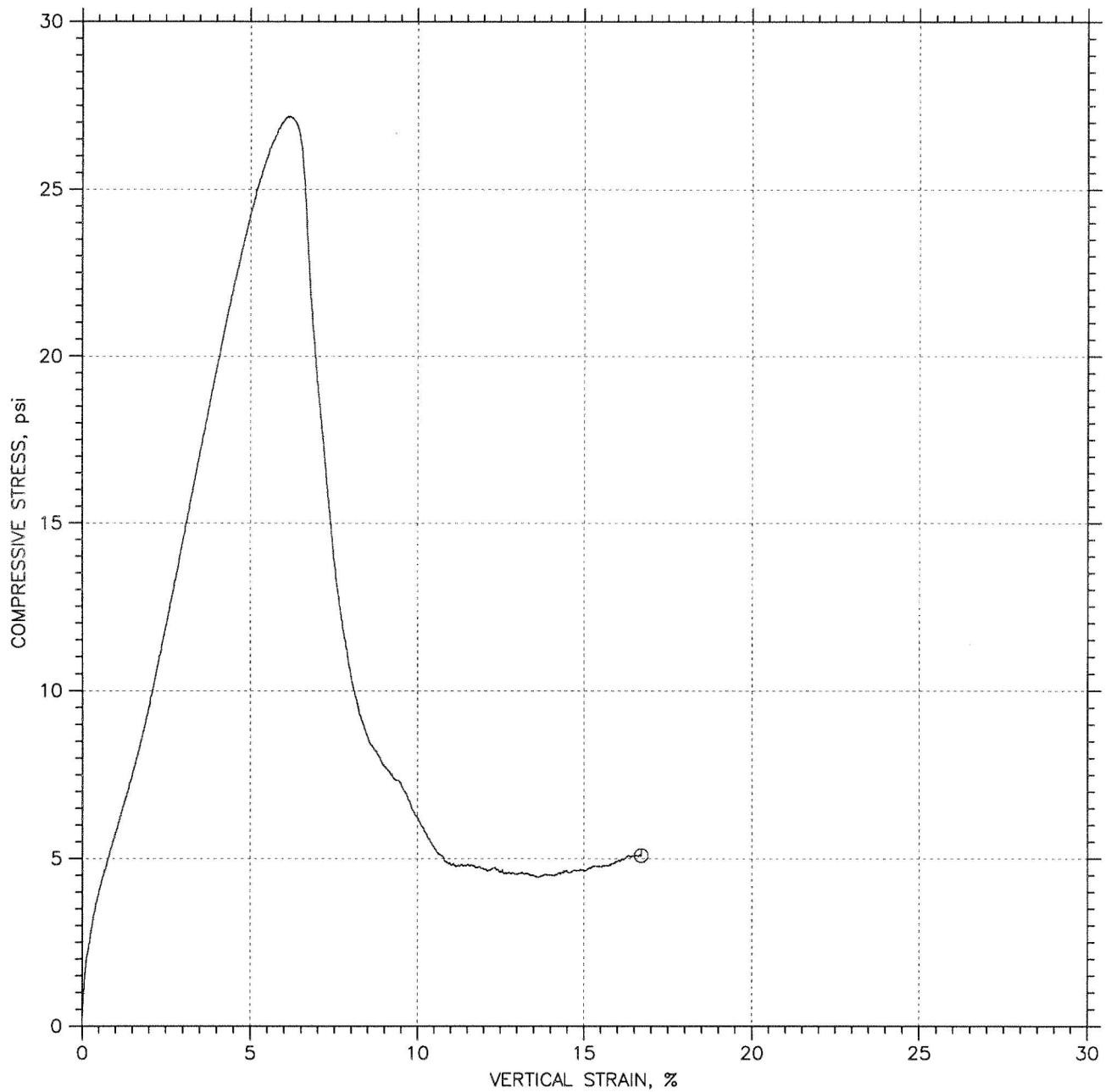


Symbol	⊙			
Test No.	7549			
Initial	Diameter, in	2.8522		
	Height, in	5.988		
	Water Content, %	17.88		
	Dry Density, pcf	109.8		
	Saturation, %	90.27		
	Void Ratio	0.535		
Unconfined Compressive Strength, psi		27.2		
Undrained Shear Strength, psi		13.6		
Time to Failure, min		5.946		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		---		
Plastic Limit		---		
Plasticity Index		---		
Failure Sketch				

	Project: Votgle COL
	Location: B-3035 UD-4
	Project No.: 6141060286
	Boring No.: B-3035
	Sample Type: Undisturbed
	Description: CALY, silty (CL-ML) (Visual)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

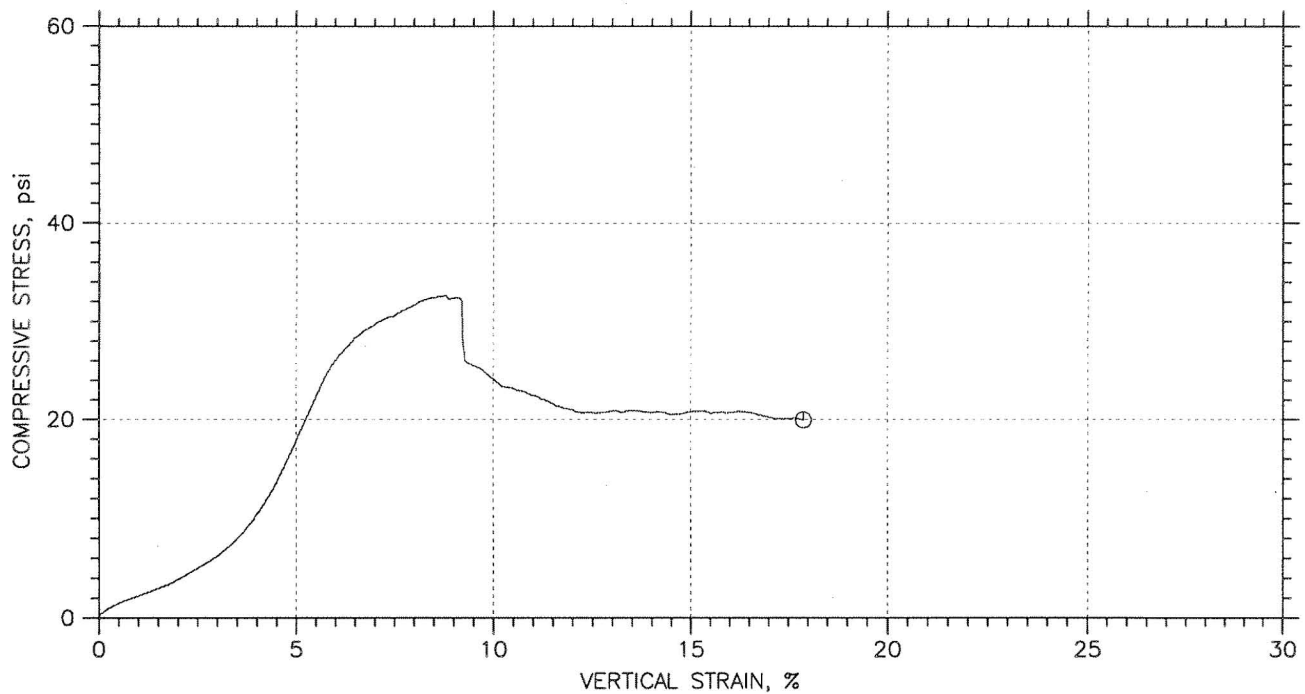
7/30/07

UNCONFINED COMPRESSION TEST REPORT



	Project: Votgle COL	Location: B-3035 UD-4	Project No.: 6141060286
	Boring No.: B-3035	Tested By: BM	Checked By: HJ
	Sample No.: UD-4	Test Date: 6/14/07	Depth: 148.5'
	Test No.: 7549	Sample Type: Undisturbed	Elevation: 70.84'
	Description: CALY, silty (CL-ML) (Visual)		
	Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1		
			HJ 7/30/07

UNCONFINED COMPRESSION TEST REPORT



Symbol	⊙			
Test No.	7550			
Initial	Diameter, in	2.8687		
	Height, in	5.5927		
	Water Content, %	15.20		
	Dry Density, pcf	111.		
	Saturation, %	79.12		
	Void Ratio	0.519		
Unconfined Compressive Strength, psi		32.63		
Undrained Shear Strength, psi		16.31		
Time to Failure, min		8.5043		
Strain Rate, %/min		1		
Estimated Specific Gravity		2.70		
Liquid Limit		96		
Plastic Limit		59		
Plasticity Index		37		
Failure Sketch				

	Project: Votgle COL
	Location: B-4001 UD-3
	Project No.: 6141060286
	Boring No.: B-4001
	Sample Type: Undisturbed
	Description: SAND, silty (SM)
Remarks: UNCONFINED COMPRESSION TEST REPORT by ASTM D2166-00e1	

HB 7/30/07