

1956 Year 015477

County WARREN-MONTGOMERY

STORAGE DATA	
Folder	
Section File No.	FEP-39
Record Center No.	5A-035/4D-63
Tracings	
Section File No.	FET-41
Record Center No.	4-M-41

 Job No. _____ Project Ident. _____
 Changes _____ (0.00)

 Proj. No. _____ Project Code [][][][]
 Topo Sheet []

 Begin Sta. _____ End Sta. _____
 Rev. []

 Design By _____ Length _____ Miles

Drafting By		
Comp. Date		
Drafting Hrs.		

	RECON	AUGER	CORE	DRIVE ROD	RESISTIVITY
By					
Dates					
No. of Holes or Soundings					
Footage					
Samples Tested					

No. of Tracings []

Remarks 1-2-3-4-5-6-7-8-10

MISSING

☐ Samples Accounted

Transmittal Date 12-19-56 Revisions _____ Refer to _____

Length	Auger Data			Core Data			Drive Rod Data		Resistivity
	No. of Holes	Footage	Samples	No. of Holes	Footage	Samples	No. of Soundings	Footage	No. of Locations

Form TE-155

* See Reverse Side

FIELD DATA - SOIL LOG

Location No. #13 County: WISCONSIN

Pier-Abut. Bridge No. _____

Station: 175+00.3 Over: _____

Offset: 1

Started: 12-10-57 Equipment: Core Drill

Completed: 12-10-57 Diameter _____

PENNY ROCK, MS.

Proposed Footer: _____

3.5 Lower

Water Level: _____

Depth Feet	Log	Samples	Elevation	Ground Line
0				
0.0				
5				
				Light Brown Silty Clay & Coarse Gravel with Limestone Boulders
9.5				Run Run
10			9.5	0
15				Limestone with layers of soft shale
				Run Run
12.0			9.5	0.2
20				Limestone with layers of soft shale
				Run Run
25.0			9.5	0.2
25				

26				
30				
35				
36.0				
40.0				
40				
45				
50				
55				
60				

Remarks: NO CASING & DID NOT
LOSE WATER

Party NIXON Sayre

Chief of Party Pheifer

LOGS OF CORE BORINGS
Prepared By
State Highway Testing Laboratory
for

County, Rt. No. & Section

WAR-MOT-25

Hole No.

3

Surface Elevation

7

Station

175+00 - E

Elevation Top of Rock

Total Depth of Hole

40.0'

Elevation Bottom of Hole

ELEV.

Description

Lab.
No.
So.

Class

Core Loss
in
Percent

0

BROWN SILTY CLAY WITH GRAVEL
AND LIMESTONE BOULDERS.

TOP OF ROCK

9.5

SHALE, GRAY, SLIGHTLY CALCAREOUS
AND CALCAREOUS, FIRM TO SOFT
(APPROX. 3/4 PROPORTION), WITH
NUMEROUS STRINGERS
AND THIN LAYERS (MAX. 3" THICK)
OF LIMESTONE (GRAY, CRYSTALLINE
IN PART, HARD, FOSSILIFEROUS, WITH
MARL STRINGERS).

0

33.4

SHALE, GRAY, CALCAREOUS, FIRM,
WITH LIMESTONE STRINGERS AND
NODULES.

0

36.6

LIMESTONE, GRAY, CRYSTALLINE,
HARD, FIRM, THIN BEDDED (6" MAX. THICKNESS)
FOSSILIFEROUS, WITH THIN IRREGULAR
SHALE SEAMS.

0

40.0

BOTTOM OF HOLE.

WAR-MOT 25 (8.53) (1.00)

MOT-25-(4.17)

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-MOT 25 (8.53) (1.00)

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Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55444	3	1+00	± 6'-8.5'	79	9	7	4	1	NP	NP	4			A-1-G	GRAVEL
55447	6	5+00	" 1.5-9.0	66	16	8	8	2	NP	NP	3			"	"
55453	12	8+00	" 13.5-15.0	69	15	6	6	4	16	2	11			"	"
55467	26	20+00	15 RT 16.5-12'	68	18	9	4	1	NP	NP	12			"	"
55472	31	22+00	4 RT 3.5-10.0	56	14	15	10	5	NP	NP	4			"	"
55482	41	69+55	" 7'-12'	65	14	6	9	6	19	4	14			"	"
55609	3X	71+00	86 RT 4'-10'	60	20	8	10	2	NP	NP	5			"	"
55612	6X	12+00	146 RT 9.5-13.0	72	21	3	2	2	NP	NP	10			"	"
		total - 8		535	127	62	53	23	35	6	63				
		Ave		57	16	8	.6	3	19	1.9	9				
55430	1-E	5+00	± 1.5-9'	48	27	12	11	2	N	P	3	74	138.0	A-1-G	GRAVEL
55460	19	39+00	" 8'-9'	41	28	15	11	5	N	P	9			"	GRAVEL
55463	22	35+00	" 5'-8'	57	14	11	14	4	N	P	6			"	"
55464	23	38+00	15 RT 1.5-7.5	60	13	10	13	4	19	2	6			"	"
55470	29	36+00	30 RT 6-10	40	26	14	15	5	N	P	5			"	"
55608	2X	15+00	86 RT 1.5-4	49	16	17	13	5	N	P	5			"	"
55615	9X	20+00	98 RT 5-9.5	47	13	19	16	5	N	P	3			"	"
55628	22X	98+00	9.5-15	29	25	26	15	5	N	P	4			"	"
55629	23X	"	15-17	21	34	30	13	2	N	P	3			"	"
55670	17N	116+00	90 RT 5'-10'	40	19	21	15	5	N	P	17			"	"
55909	133	16+00	" 2.5-6'	49	16	13	16	6	N	P	14			"	"
55917	141	185+00	" 4'-6'	28	27	29	13	3	N	P	16			"	"
				509	258	217	165	51	19	2	91				

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot-25 (8.53) 10.00

2
13

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
		total - 12		509	258	217	165	51	19	2	91	7.4	138.0	A-1-b	
		Ave		43	21	18	14	4	10	P	8	7.4	138.0		
55493	2	1+00 E	25-6'	16	37	35	10	2	N	P	2			A-3	GRAVEL
55469	28	24+90 30+00	35-6'	15	22	31	23	9	N	P	7			"	"
55638	32X	120+00	50-95	6	39	31	19	5	N	P	15			"	SAND
		total - 3		37	98	97	52	16	N	P	24				
		Ave		12	33	33	17	5	N	P	8				
55493	52	72+00 E	6-8	64	9	8	13	6	26	9	26			A-2-4	ST. FRAG.
55507	66	89+00	" 3-6.5	25	28	18	20	9	23	9	17			"	GRAVEL
55528	87	169+00	" 45-65	46	12	7	19	16	21	7	6			"	ST. FRAG.
55559	113	47+00	" 9-10	41	21	8	25	5	26	6	10			"	GRAVEL
55633	17X	44+00	" 215-24	34	18	15	21	12	19	6	12			"	"
55398	121	140+00	" 4-55	37	9	21	22	11	18	4	10			"	"
		total - 6		247	97	77	120	59	133	41	85				
		Ave		41	16	13	20	10	22	7	14				
55432	3E	48+00	03-10.5	7	10	19	42	22	19	6	10	11.9	121.7	A-94	"I" 0
55443	AE	44+10	" 9-12	19	11	18	33	19	18	5	-	9.7	129.3	"	"E" 0
55484	5E	"	" 13-19	27	10	17	31	15	18	6	8	9.7	129.3	"	"F" 0
55485	E-6	120+00 150+	6.3-7.5	17	10	19	33	21	18	4	8	9.0	132.0	"	E 0

70 41 73 139 77 73 21 26 40.3 512.3

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR + Mot 25 (8.53) (0.00)

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Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55936	E-7	187+90 1584	7.5-9.5	15	14	20	32	19	17	3	13	90	132.0	A99	E
55937	E-8	" "	9.5-14.5	15	5	10	39	31	23	8	8	11.2	124.2	"	H
55938	E-9	" "	14-16.5	33	5	7	27	28	24	9	5	12.7	119.3	"	J
55845	1-CBR	191+00	"	10	7	15	38	30	20	7	15	11.0	126.9	"	RUN
55846	E-10	" "	0.3-1.0	16	9	18	36	21	18	5	16	9.7	129.3	"	F
55847	E-11	" "	10-16	11	9	14	40	26	21	8	-	9.0	132.0	"	E
55848	E-12	70+30	0.3-5.5	20	6	14	36	14	N	P	14	11.9	121.7	"	I
55909	2X	1+00	2-9	14	11	14	41	20	22	9	11			"	
55915	8X	11+25	7.5-12	11	9	14	39	27	22	8	13			"	
55942	1	1+00	0.2-2.5	3	7	17	49	24	21	4	16			"	
55946	5	5+00	0.3-1.5	27	16	20	22	15	25	8	13			"	
55998	7	8+75	0.5-4.5	12	7	9	46	26	21	6	11			"	
55999	8	"	4.5-8	19	9	24	29	19	18	4	11			"	
55980	9	48+00	6.3-5	18	10	26	33	19	18	5	10			"	
55951	10	"	5-10.5	14	8	17	42	19	19	7	12			"	
55952	11	"	10.5-13.5	18	9	17	34	22	19	5	11			"	
55953	14	44+00	9.7-13	26	10	18	28	18	18	4	10			"	
55956	25	"	15-18.5	23	10	17	31	19	16	5	8			"	
55946	20	35+00	0.3-2.5	4	3	26	32	35	30	7	24			"	
55962	21	"	2.5-5	2	3	33	35	27	24	9	18			"	
55968	27	24800 30.12	0.4-3.5	0	1	26	47	26	25	7	19			"	
55973	32	51+00	0.3-5	7	6	33	32	22	21	7	21			"	0
55979	33	"	0.5-9.5	25	5	23	32	15	19	1	23			"	0
55977	36	55+25	4-10	19	8	18	36	19	21	6	13			"	
55978	37	"	10-13.5	18	8	17	40	17	18	7	11			"	

350 195 461 906 558 500 149 306 664 885.4

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot 25 (853) (0.00)4
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis				Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.	
55479	38	55+25	13.5-18'	18	7	11	30	34	24	7	12			A-4a
55481	40	69+55	" 5-7	12	30	21	28	9	N	P	8			"
55483	42	"	" 12-14	23	10	18	32	17	18	5	11			"
55485	44	63+00	" 2.5-5'	30	18	11	23	18	21	7	10			"
55486	45	"	" 5'-8'	31	10	18	23	18	18	8	11			"
55489	48	68+00	" 4-10	12	9	18	39	22	18	5	11			"
55490	49	72+00	" 0.3-1.8	26	5	24	31	14	22	4	11			"
55491	50	"	" 1.5-3.5	0	2	36	45	17	23	7	16			"
55492	51	"	" 3.5-6	8	8	28	35	21	25	7	29			"
55495	54	76+00	" 4.5-5.5	0	10	41	33	16	17	2	11			"
55500	59	80+0	" 5-8	0	8	53	30	9	N	P	19			"
55503	62	83+85	" 4.5-6'	13	22	22	35	8	N	P	6			"
55508	67	89+00	" 6.5-12'	20	12	17	31	20	18	6	11			"
55509	68	93+34.5	" 12-15'	15	9	17	31	28	25	10	13			"
55513	72	173+75	" 0.3-1.5	19	16	15	37	13	19	2	13			"
55514	73	"	" 2.5-5'	13	5	15	40	27	24	6	13			"
55515	74	"	" 5-10	19	9	13	32	27	24	10	12			"
55516	75	"	" 10-11	26	13	10	27	24	22	6	10			"
55518	77	152+00	" 3-7	51	8	3	17	21	25	8	7			"
55521	80	153+00	" 3-7	7	7	14	41	31	24	8	13			"
55523	82	162+00	" 2.5-5'	12	11	17	34	26	19	6	10			"
55524	83	"	" 5'-7'	21	8	14	33	24	24	9	13			"
55529	88	167+00	" 6.3-4.5	24	6	15	33	22	23	8	14			"
55536	95	172+00	" 9.5-14'	18	4	9	41	28	25	9	11			"
55537	96	"	" 14-16.5	51	3	4	24	18	23	9	9			"

469 250 464 805 512 181 145 304

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot 25 (8.53) (0.00)

5
19

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55539	98	42+00	± 3.5-6'	23	11	16	32	18	23	8	16			A-4a	
55541	100	"	" 8-15	20	9	17	33	21	22	7	7			"	
55547	106	27+00	" 7.5-10'	11	11	36	28	14	17	1	12			"	
55549	108	22+00	" 3.5-7'	12	21	17	30	20	22	8	21			"	
55550	109	"	" 7-12	17	11	18	32	22	20	7	13			"	
55551	110	17+40	" 5.5-12	17	14	22	32	15	19	4	14			"	
55556	115	52+00	" 2.5-8'	17	11	15	33	24	21	5	8			"	
55610	4X	12+00 190Rt	2.5-6.5	0	2	24	47	27	26	10	19			"	
55613	7X	38+18 93Rt	0.5-1.5	0	2	22	44	32	28	9	17			"	
55614	8X	20+18 93Rt	1.5-5.0	0	5	31	41	23	26	9	9			"	
55619	13X	44+00	± 6-17.5	16	9	19	35	21	30	6	11			"	
55620	14X	"	" 12.5-19.5	18	9	18	36	19	17	6	8			"	
55627	21X	78+00	" 2-9.5	13	10	20	34	23	19	6	11			"	
55630	24X	105+30 20K	0.5-5.0	20	10	18	30	22	20	6	10			"	
55631	25X	"	" 5-13.5	14	10	17	33	26	18	5	9			"	
55633	27X	110+00	± 3.5-8	19	8	11	31	31	25	9	13			"	
55634	28X	"	" 8'-8.5	19	10	13	31	27	23	2	9			"	
55636	30X	114+75	" 10-12	11	8	10	38	33	23	8	13			"	
55637	31X	120+00	" 0.5-5'	14	10	18	37	21	20	8	11			"	
55639	32X	"	" 9.5-12	15	12	19	37	17	18	6	10			"	
55642	36X	125+00	" 19-20	20	11	19	33	17	18	4	11			"	
55645	39X	178+00	" 5'-6'	28	10	12	25	25	21	7	9			"	
55650	44X	204+50	" 3'-4.5	17	10	22	29	22	22	7	11			"	
55860	7N	90+18 40X	2-8	44	5	8	36	7	23	5	21			"	⊙
55869	16N	116+55 50X	2.5-5	12	5	16	46	21	55	4	27			"	⊙

397 234 468 863 548 836 157 300

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR. MOT 25 (8.53) (0.00)

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Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55871	18N	126+85 90kt	10-11	16	8	14	48	14	17	1	18			A-09	o
55873	20N	" "	12-13	11	7	11	43	28	19	4	13			"	
55874	21N	126+83 75kt	2-4	5	9	25	46	15	22	5	22			"	o
55876	23N	195+00	"	2-6	8	6	21	43	22	26	8	19		"	
55877	24N	" "	"	6'-8'	19	8	16	35	22	22	8	14		"	
55880	27N	70+30	"	0.3-1	25	7	11	38	19	30	6	22		"	
55881	28N	" "	"	1-5.5	13	6	19	45	27	19	3	13		"	
55895	119	145+00	"	3-4.5	17	5	20	46	12	N	P	11		"	
55896	120	140+00	"	0.3-4'	27	7	19	34	13	21	6	16		"	
55899	123	126+83 57kt	"	0.4-1'	7	4	15	49	25	28	8	22		"	
55902	126	148+85	"	2.5-9	28	16	18	31	7	N	P	14		"	
55903	127	" "	"	9'-12	16	11	20	38	15	17	3	13		"	
55904	128	155+00 25L	"	0.3-5'	16	10	18	33	23	21	8	11		"	
55905	129	" "	"	5'-10'	17	15	19	34	15	18	4	11		"	
55910	134	168+80	"	6-10	26	9	16	32	17	18	7	11		"	
55912	136	170+00	"	1.5-5.5	17	9	20	34	20	19	6	26		"	o
55915	139	180+00	"	2.5-5.5	27	13	19	28	13	17	5	12		"	
55918	142	185+00	"	6-8	23	10	16	33	18	19	6	16		"	
55921	145	191+00	"	5.5-10	12	10	18	40	20	18	5	10		"	
55922	146	" "	"	10-14	13	10	18	37	22	20	8	11		"	
55923	147	" "	"	14-19	18	9	15	32	26	20	8	11		"	
													</		

361 189 368 799 383 391 109 316

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAK Mot 25 (853) (0.00)

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14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
			4	70	41	73	139	77	73	31	26	403	512.3	A-4g	
			25	38.0	195	461	906	558	500	149	326	664	885.4	"	
			25	397	234	458	863	548	536	157	320	(11)	(11)		
			25	469	250	464	805	512	481	145	304				
			25	361	189	368	799	383	391	109	316				
		TOTAL - 100		167.7	909	1824	3512	2089	1981	581	1292	1067	1397.7		
		AVE		17	9	18	35	21	21	6	13	9.7	127.1		
55445	4	1+00	± 8.5-10'	10	7	19	51	13	N	P	12			A-4g	
55454	13	48+00	" 15-19	0	1	8	82	9	N	P	20			"	
55458	17	39+80	" 2.5-5	0	1	10	81	8	N	P	21			"	
55471	30	22+20 48ft	" 0.3-3.5	0	3	25	50	22	23	3	20			"	0
55484	43	63+00	" 0.3-2.5	0	4	16	52	26	28	8	23			"	
55488	47	61+00	" 2.5-4'	0	1	5	77	17	N	P	21			"	
55504	63	83+85	" 6-9'	0	2	7	70	21	18	2	16			"	0
55505	64	"	" 9-10	0	0	2	87	11	N	P	16			"	
55510	69	93+31.15	" 1.5-6'	8	7	6	63	24	30	10	25			"	
55512	71	"	" 8-10	4	7	19	58	12	N	P	19			"	
55622	16X	44+00	" 20-21.5	0	0	0	55	45	27	7	23			"	
55634	18X	"	" 24-27	0	0	30	54	16	N	P	20			"	
55635	29X	114+75	" 8.5-10'	8	3	4	71	14	22	2	23			"	0
55690	34X	125+00	" 6-8.5	0	1	2	73	24	28	8	26			"	0
55643	37X	178+00	" 0.5-2'	0	2	8	55	37	33	9	22			"	

30 39 165 967 299 209 49 302

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SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAK - Mot 25 (853) (0.00)

6
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55863	10N	101+10.16	7'-10'	0	1	4	54	41	22	6	21			A-9b	○
55867	14N	106+85.90	0.5-1'	0	2	8	56	34	31	9	23			"	
55872	19N	"	13-15'	1	4	6	69	20	20	3	19			"	○
55887	34N	78+00	" 0.3-1'	0	4	3	68	25	27	3	27			"	○
55890	37N	83+00	" 1.5-4.5	0	2	8	65	25	28	2	28			"	
55908	132	164+80	" 0.3-0.5	0	5	23	53	20	22	5	22			"	
			6	1	18	51	365	165	150	27	140				
			15	30	39	165	282	299	209	49	302				
				31	57	216	1332	464	359	76	442				
		total - 21													
		Ave		1	3	10	64	22	26	4	21				
55849	E-13	70+30	5.5-20'	24	5	17	19	35	27	11	15	112	1242	A-69	H
55910	3X	1+00	" 4'-5.5'	19	6	4	33	38	29	11	12			"	
55411	4X	12+00	" 0.4-2'	2	3	12	36	47	36	15	35			"	
55412	5X	"	" 2'-3'	2	1	8	60	29	37	13	29			"	
55413	6X	"	" 3'-4'	13	17	23	31	16	27	11	26			"	○
5544	7X	11+25	" 2-7.5'	11	8	16	35	30	30	13	21			"	
55457	16	39+80	" 0.3-2.5	0	2	6	39	53	36	14	24			"	
55459	18	"	" 5'-8'	0	0	1	47	52	31	14	25			"	
55465	24	30+80	15ft 7.5-9'	16	9	5	33	37	28	12	15			"	
55466	25	20+96	15ft 9'-10.5'	0	1	1	38	60	30	11	18			"	
55475	34	51+00	9.5-12'	0	0	2	33	65	34	14	27			"	
55476	35	55+25	" 0.3-4'	0	0	2	33	65	38	14	21			"	

87 62 97 437 527 383 153 260

A-6a

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot 25/8.53/0.009
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55480	39	69+55 E	0.3-5'	0	2	9	44	45	32	15	17			A-69	
55496	55	76+00 "	5.5-7'	0	2	4	48	46	25	11	18			"	
55497	56	" "	7-12	7	6	13	40	34	24	11	16			"	
55498	57	80+00 "	0.4-1.5	18	6	21	26	29	33	13	21			"	
55499	58	" "	1.5-6'	6	1	3	49	41	30	11	17			"	
55501	60	" "	2-10'	0	0	0	36	64	34	13	23			"	
55511	70	93+31/15 "	6'-8'	50	4	6	28	12	27	11	21			"	
55519	78	159+00 "	7-8	45	5	4	32	24	30	14	7			"	
55525	84	164+00 "	7-8	24	11	7	33	25	24	11	10			"	
55526	85	169+00 "	0.3-2.5	0	3	13	38	46	35	11	16			"	
55527	86	" "	2.5-4.5	0	2	5	63	30	35	15	19			"	
55531	90	134+55 78 AT	2-3'	38	4	6	23	29	31	13	8			"	
55532	91	134+55 45 AT	0.3-2'		(NO MATERIAL)				36	15	16			"	
55540	99	43+00 "	6-8	13	9	18	32	28	25	11	11			"	
55542	101	27+00 "	2-6	10	6	12	36	36	32	15	13			"	
55543	102	" "	6-10	12	7	14	35	32	26	11	13			"	
55545	104	32+00 "	2.5-6	13	5	13	34	35	31	15	20			"	
55546	105	" "	6-7'	0	3	9	59	29	28	11	24			"	
55552	111	47+00 "	0.3-5'	0	4	12	49	35	34	14	18			"	
55553	112	" "	5-9	12	7	13	31	37	28	11	14			"	
55602	118	164+00 86 AT	0.5-1.5	0	0	20	46	32	37	15	19			"	
55617	11X	44+00 "	2-4	8	9	14	37	32	25	11	13			"	
55618	12X	" "	1-6'	11	7	13	34	35	26	11	15			"	
55625	19X	" "	27-30	0	0	1	39	60	31	12	20			"	
55626	20X	98+00 "	0.5-2'	0	3	14	39	44	34	15	18			"	

267 106 244 921 872 753 313 407

862

24

251 25

A-6a

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot 25 (8.53) (0.00)

10
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55632	24X	110+00	0.5-3.5	0	3	11	48	38	31	11	30			A 64	0
55646	40X	194+00	0.5-3	38	6	11	26	25	28	11	6			"	
55864	11N	111+50	0.5-11.5	0	3	9	54	34	38	14	28			"	
55866	13N	"	4'-7.5'	17	8	10	30	35	28	13	12			"	
55882	29N	70+30	5.5-6.5	0	4	4	40	56	21	12	15			"	
55883	30N	"	6.5-8'	0	2	4	39	55	27	11	16			"	
55884	31N	"	8-10.5	19	6	9	30	36	27	11	14			"	
55885	32N	"	10.5-18.5	41	4	4	26	25	26	11	14			"	
55888	35N	78+00	1-3.5	0	1	1	67	31	35	15	24			"	
55889	36N	"	3.5-4	13	5	10	38	34	33	14	16			"	
55891	38N	83+00	4.5-6	0	0	6	31	63	33	15	15			"	
55894	118	145+00	0.3-3'	7	7	21	30	35	33	15	21			"	
55900	124	126+80 574	1'-5'	37	5	12	26	20	28	11	20			"	
55901	125	148+85	0.3-2.5	0	3	17	51	29	31	12	20			"	
55907	131	160+00	1.5-5.5	8	7	16	40	29	29	11	19			"	
55916	140	185+00	0.3-2.5	0	2	10	53	35	33	11	23			"	
55920	144	191+00	1'-5.5'	10	6	13	43	28	25	12	15			"	
55925	149	68+00	3.5-10	0	1	1	41	57	30	13	13			"	
			18	184	69	169	713	665	546	223	321				
			12	87	52	97	437	527	383	153	260				
			24	267	106	244	921	862	753	313	407				
		TOTAL SQ		538	227	510	2071	2054	1682	689	988				
		Ave		10	4	9	38	39	31	13	18	11.2	1242		

184 69 169 713 665 546 223 321

A-6a

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-Mot 25 (8.53) (C.C.)11
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
55487	46	68+00	E	0.3-2.5	0	1	4	38	57	37	17	20		A-6b	
55494	53	76+00	"	0.4-4.5	0	2	10	35	53	40	22	17		"	
55502	61	83+85	"	0.3-4.5	3	1	6	56	34	37	16	16		"	
55506	65	89+00	"	1.3-3'	24	12	15	28	21	35	16	20		"	
55517	76	159+00	"	0.3-3'	19	2	10	35	34	35	17	18		"	
55520	79	154+00	"	1.3-3'	0	4	14	40	42	37	16	24		"	
55530	89	149+56 ^{137 ft.}	"	0.3-2.5	4	1	4	47	44	38	17	21		"	
55533	92	150+48 ^{15 ft.}	"	0.3-2.5	0	3	8	43	46	38	16	20		"	
55538	97	92+00	"	0.3-3.5	11	5	19	32	33	36	17	17		"	
55611	SX	127+20 ^{127 ft.}	140 ft.	7.5-9.5	0	0	0	39	61	36	16	26		"	
55631	15X	44+00	"	19.5-20'	0	0	1	33	66	35	16	24		"	
55691	35X	125+00	"	8.5-13'	18	9	11	25	37	40	17	21		"	
55644	38X	178+00	"	2'-5'	6	6	15	35	38	38	17	27		"	
55649	43X	188+00	"	1.5'-5'	5	4	15	38	38	37	20	22		"	
55857	4N	88+00	"	1.5-2'	3	2	4	48	43	40	21	19		"	
55858	5N	"	"	2-4.5'	1	3	1	36	59	39	18	17		"	
55862	9N	896+05 ^{136 ft.}	"	2-5.5'	0	1	16	55	28	37	18	34		"	o
55865	17N	111+50	"	1.5-9'	7	4	11	29	49	37	18	9		"	
55878	25N	73+00	"	0.3-5.5'	0	1	2	60	37	37	18	25		"	
55879	26N	"	"	3'-4'	42	5	7	23	23	34	16	23		"	
55892	116	58+00	"	0.3-1'	0	3	8	37	52	40	16	21		"	
55913	135	170+00	"	0.4-1.5'	11	6	15	38	30	35	18	15		"	
55914	138	180+00	"	0.4-2.5'	15	8	22	28	27	38	19	19		"	

169 83 218 878 952 856 402 475

A-GB

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR. Mt 25 (8.53) / 0.0012
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
		TOTAL-23		169	83	218	878	952	856	402	475				
		AVE		7	4	9	38	42	37	17	21				
55856	3N	88+00 ±	0.3-1.5	0	1	3	43	53	47	16	30			A-7.5	ELASTIC (CLAY)
55848	12Z	135+05 20Kt	0.4-2.5	0	2	7	52	39	48	17	30			"	"
		TOTAL-2		6	3	10	95	92	95	33	64				
		AVE		0	2	5	47	46	48	17	32				
55408	1X	1+00 ±	0.5-2	0	1	2	62	35	41	21	18			A-7.6	
55522	81	164+00	" 0.3-2.5	0	2	10	30	58	42	22	20			"	
55544	103	32+00	" 0.4-2.5	5	5	14	27	49	41	19	22			"	
55548	107	22+00	" 0.3-3.5	0	3	7	46	44	49	25	32			"	
55555	114	52+00	" 0-2.5	0	3	7	49	41	46	24	17			"	
55516	10X	44+00	" 0.5-2	0	1	1	30	68	46	24	23			"	
55547	41X	197+00	" 0.5-2	0	1	4	55	40	43	21	16			"	
55548	40X	188+00	" 0.5-1.5	0	2	7	42	49	44	25	28			"	
55554	1N	63+00 ±	0.3-1.5	1	3	6	45	45	41	17	28			"	
55555	2N	"	" 1.5-2.5	15	4	10	28	43	46	25	21			"	
55589	6N	90+05 40LH5	-2	0	0	0	51	49	48	25	26			"	
55586	8N	90+05 136Kt	0.4-2	0	1	3	49	47	41	16	31			"	
55588	15N	116+05 90Kt	1-2.5	0	1	5	50	44	46	25	25			"	
55875	22N	195+00	" 0.5-2	5	3	14	36	42	42	18	24			"	ON Next Shed TSD

26 30 90 580 651 66 307 331
600

A-7-C

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR - Mt 25 (253) (0.00)13
14

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.		Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.	
SS875	22N	195+00	0.5-2	5	3	14	36	42	92	18	24			A-7-G
SS893	117	58+00	" 1-2.5	7	3	8	49	23	92	22	20			"
SS906	130	160+00	" 0.4-1.5	4	5	17	29	45	43	20	23			"
SS913	137	175+00	" 0.4-2.5	0	4	21	36	39	43	23	23			"
SS919	143	191+00	" 0.3-1.0	0	3	14	39	44	50	24	28			"
SS924	148	68+00	" 0.3-3.5	0	2	7	55	36	42	21	23			"
			6	16	20	81	244	239	262	141				
			14	26	30	90	600	654	616	307	331			
		TOTAL-20		42	50	171	844	893	878	472	472			
		AVE		2	3	9	42	44	44	22	24			
SS834	93	180+98	0.5-7.5	SANDY SILT & GRAVEL SAMPLE					100					A-9a
SS835	94	179+98	" 7.5-9.5	"	"	"	"	"	"					A-9a
SS886	33N	70+30	" 11.5-20	SAMPLE										VISUAL

Visuals

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section Met-25-0001
4

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHLL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
															0
							0								0
72291	2X	"	6'-8"	16	14	17	58	24	74	9	10			A-96	X
							1								0
72292	2X	"	5'-7"	6	2	4	74	26	73	6	22			A-96	+
72294	6X	"	7'-10.5"	32	10	13	59	16	18	5	11			A-96	X
72295	2X	"	10.5'-13"	10	11	15	36	23	26	5	12			116	X
72296	2X	1910	80 ft 4'-4"	0	1	4	41	54	47	22	23			A-76	
72297	9X	"	" 4'-7"	0	0	3	37	60	49	25	33			7-6	
															0
72299	11X	2810	E 0.3'-6"	0	1	3	54	42	42	20	20			A-76	
							1								
72301	13X	"	6'-11"	25	14	26	27	14	17	5	8			A-96	
72302	14X	"	" 11'-15"	16	12	18	33	27	24	16	4			116	
72303	15X	2815	" 14'-15.5"	6	2	2	52	33	28	14	17			A-64	X
72304	16X	"	" 15'-4.5"	7	10	12	52	19	28	8	25			A-96	+
72305	17X	2817	" 2'-4"	1	2	3	47	47	7	17	16			A-64	
72306	18X	"	" 4'-4"	10	10	10	34	46	26	11	25			A-76	
72307	19X	"	" 7'-4"	1	1	4	22	71	27	16	29			116	
72308	20X	"	" 11'-16"	4	4	12	30	54	25	13	14			116	
72309	21X	"	" 17'-17"	2	7	17	37	47	27	14	19			A-64	
72311	"	"	" 5'-4"	4	1	17	6	31	37	14	27			116	
72312	"	"	" 4'-11"	2	4	1	33	36	26	11	22			116	

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section

Met-25-0000

$$\frac{Z}{A}$$

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Character			Density		SFTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
72317	59X	"	3-6'	18	11	12	29	30	24	9	12			A-66	
72318	50X	SS+CO	" 03-4'	35	7	9	22	27	42	22	8			A-76	
			5-6'	19	7	5	29	40	35	16	16			A-66	
72320			2.5-6.0	7	2	2	26	52	3	11	12			A-66	
	52X	7340	1.5-4'	6	5	12	44	37	41	20	15			A-76	
72322	59X	"	5-7'	0	0	2	50	48	28	9	13			A-96	
72323	90X	"	7-10	35	16	4	31	24	27	6	7			A-96	
72324	41X	87+0	" 13-4'	23	1	3	28	25	53	25	21			A-76	
72325		"	" 11-12'	14	0	0	22	18	37	18	16			A-76	
72326	40X	102+50	150' 13-3'	0	3	11	94	52	46	24	19			A-76	
72327	44X	"	" 3-7'	15	8	11	33	33	26	8	11			A-76	
72328	45X	"	150' 14-2.5	0	1	4	53	42	22	17	23			A-76	
72329	46X	"	" 25-8'	11	16	16	33	32	24	8	13			A-76	
		145+50	1.5-3.5	5	1	3	21	96	93	13	18			A-76	
72332	49X	"	35-8'	38	20	21	14	7	N	P	13			A-76 OR MCL	
72333	50X	141+50	" 4-8'	35	10	13	30	15	18	3	12			A-76	

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section

MoT-25-0.00

3
4

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SMTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
72339	SIX	137+00	4	13-35	19	12	22	27	20	22	7			A-4a	
72340	SIX	"	"	23-60	17	13	23	20	17	17	7			"	
77341	SIX	"	"	6'-8"	40	19	19	18	4	N-P	8			A-1-b GRAVEL	
77342	SIX	"	"	95-15	13	11	22	29	15	16	2			A-9a	
77343	SIX	150+0	4	23-4	9	3	29	34	20	21	4			"	
77344	SIX	150+0	"	4'-7"	18	13	31	27	7	N-P	17			"	
77345	SIX	"	"	7'-10"	60	19	16	3	2	N-P	11			A-1-a GRAVEL	
77346	SIX	"	"	14-15	20	13	21	23	13	17	5			A-9a	
77347	SIX	152+0	"	4'-9"	15	9	16	39	21	19	4			"	
77348	SIX	"	"	9'-16"	6	9	22	42	31	16	2			"	
77349	SIX	"	"	11-15	5	11	22	66	25	11	15			A-1-a	
77350	SIX	"	"	115-5'	18	12	22	31	17	17	2			A-4a	
77351	SIX	"	"	5'-9"	18	18	26	25	13	18	3			"	
77352	SIX	"	"	9'-10"	22	8	18	33	19	18	4			"	
77353	SIX	150+0	"	6'-8.5"	14	11	19	31	25	22	6			"	
77354	SIX	"	"	15-11"	21	31	35	8	5	N-P	13			A-1-b GRAVEL	
77355	SIX	"	"	11-12"	12	12	20	36	18	16	2			A-9a	
77356	SIX	162+50	4	23-6	17	10	21	29	23	17	4			"	
77357	SIX	"	"	6'-8"	55	10	12	12	7	18	4			A-1-b GRAVEL	
77358	SIX	162+0	"	23-25	5	5	22	27	41	37	17			A-1-a	
77359	SIX	"	"	25-8"	12	10	22	32	22	20	6			A-9a	
77360	SIX	167+0	"	8'-11"	11	9	18	44	21	20	5			"	
77361	SIX	167+50	"	13'-4"	20	15	26	25	12	N-P	11			"	
77362	SIX	167+50	"	4'-7"	14	11	21	34	20	20	6			"	
77363	SIX	"	"	7'-10"	0	1	3	32	14	N-P	19			A-9a	

4
4

MoT-25-0.00

[illegible]

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-MOT-25-8-⁴⁶₂₃-0.00 (EB)

1
4

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SHTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
72113	1	421+00	0.4-1	12	8	25	23	6	12	7	11			H-14a	8
72114	2	"	1-6	81	16	7	11	5	20	1	8			H-16	Gravel
72115	3	41+00	0.4-1	40	16	11	13	20	22	12	8			H-26	Gravel
72116	4	"	1-8	14	27	29	5	2	11	10	4			H-16	Gravel
72117	5	"	4-7	5	5	54	32	2	11	10	6			H-26	8
72118	6	447+00	0.4-6	2	8	77	14	1	11	10	1			H-30	
72119	7	11+00	0.0-3	12	16	19	37	19	26	7	8			H-26	8
72120	8	"	2-6	5	9	20	39	17	18	5	14			H-26	8
72121	9	"	6-8	12	11	20	40	18	10	5	16			H-26	8
															0
															0
72122	12	154+50	0.4-2	3	2	8	60	27	30	4	18			H-46	+
72123	13	"	2-9	18	20	19	33	20	23	7	12			H-26	8
72124	14	154+00	0.4-3	16	9	6	22	21	25	8	8			H-26	8
72125	15	"	3-6.5	5	5	8	62	20	25	5	15			H-46	+
72126	16	16+00	0.4-3	8	6	10	21	21	25	19	11			H-26	8
72127	17	"	3-10	8	9	19	41	23	19	6	12			H-26	8
72128	18	173+55	0.4-2	18	4	16	39	39	24	25	20			H-26	8
72129	19	"	2-6	14	7	18	39	26	27	7	19			H-26	8
72130	20	"	6-8	4	5	13	52	28	19	5	11			H-46	+
72131	21	173+55	0.4-2	5	5	21	26	26	25	5	13			H-26	2
72132	22	"	2-7	36	6	10	28	20	24	7	17			H-26	8
72133	23	"	7-8	6	4	6	28	16	11	10	6			H-26	+
72134	24	173+55	0.4-1	2	1	7	52	20	21	21	16			H-26	8
72135	25	"	1-7	9	7	19	22	25	21	7	15			H-26	8

(36)
79
SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section WAR-MET-25-8-56-000 (EB)

2
7

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SPTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
72138	26	173145	7-10	6	7	15	24	26	19	4	12			H-4a	
72139	27	171400	8	"	"	15	17	23	29	6	9			H-4a	
72140	28	"	12-14	12	10	18	28	21	19	5	13			H-4a	
72141	29	"	12-20	7	6	13	26	28	19	5	14			H-4a	
72142	30	168160	E	7	6	11	43	33	24	9	12			H-4a	
72143	31	"	9-11	6	9	14	40	15	19	4	13			H-4a	
72144	32	"	11-15	19	8	12	39	22	20	5	18			H-4a	
72145	33	165160	E	9	7	19	42	23	27	9	11			H-4a	
72146	34	"	6-8	14	10	18	35	23	20	7	11			H-4a	
		172100	E												0 NO station
72148	36	172200	E	9-8	7	7	16	24	14	6	15			H-4a	
72149	37	178175	E	2-5	9	7	16	41	27	26	10			H-4a	
72150	38	"	5-10	10	7	12	45	21	19	6	14			H-4a	
72151	39	"	10-16	15	9	13	38	20	18	6	11			H-4a	
72152	40	"	14-20	0	2	4	75	19	0	10	28			H-4a	0+
72154	42	"	5-11	24	6	18	35	21	20	6	11			H-4a	
72155	43	"	10-16	8	6	12	25	21	16	4	22			H-4a	0+
72156	44	"	14-18	18	10	16	37	19	19	4	11			H-4a	
72157	45	165500	E	23-8	19	7	14	35	23	8	8			H-4a	
72159	47	"	2-7	27	9	7	19	28	23	7	14			H-4a	
72160	48	180100	E	0.7-8	10	8	16	37	29	23	6			H-4a	
72161	49	196100	E	0.3-1	3	2	7	59	29	26	8			H-4a	+
72162	50	"	1-7	27	9	8	31	25	24	8	9			H-4a	

SUMMARY OF TESTS ON SOIL PROFILE SAMPLES

County, Rt. No. & Section

WAR-Mot-25-853 0.00

3

4

Lab. No. So.	Field No.	Station	Depth in Feet	Mechanical Analysis					Physical Charact.			Density		SPTL Class	Remarks
				Agg %	C Sand %	F Sand %	Silt %	Clay %	LL	PI	Water Cont. %	Opt.	Max. Dry Wt.		
72161	51	"	2'-4"	5	1	1	71	22			18				L
											17				0
72162	54	"	1'-6"	36	9	9	35	21	32	7	10			A-4a	4
72167	55	266+75	0.3-3'	27	8	9	31	25	27	10	8			"	0
72169	57	"	2'-4"	10	4	10	49	27	42	23	25			A-7a	0
72171	59	270	6.5-5'	12	6	16	35	31	77	7	10			A-9a	4
72172	60	"	5'-7'	47	9	9	34	9	30	3	17			A-2-a	0
72174	62	"	5'-10'	32	27	23	12	6	N.P.		12			A-7a	GRAVEL
72175	63	"	10-15'	11	9	19	40	26	20	5	16			A-9a	
72176	64	"	15-16'	11	10	19	37	23	19	5	11			"	
72177	65	123+50	0.3-3'	13	10	20	35	23	23	8	11			"	
72178	66	"	2'-10'	16	10	18	37	19	21	8	12			"	
72179	67	"	10-12'	19	4	9	45	23	18	4	12			"	
72180	68	100+25	0.3-3'	5	1	1	71	22			18			"	
72181	69	"	5'-10'	11	9	21	38	21	19	5	12			A-9a	
72182	70	288+40	0.3-4'	24	8	16	32	20	21	6	10			"	
72183	71	"	0.3-10'	20	9	20	35	16	16	2	11			"	
72184	72	"	10'-20'	35	8	13	31	23	30	4	11			"	
72185	73	"	2'-6"	25	6	12	37	20	20	6	13			A-4a	
72187	75	"	6'-11.5'	20	12	25	36	17	20	5	12			"	

December 19, 1956

Mr. Howard C. Rapp
Planning Engineer
The Cincinnati Gas & Electric Co.
P.O. Box 960
Cincinnati 1, Ohio

File: 13-3-1
Warren-Montgomery

Dear Mr. Rapp:

In reply to your letter of December 7, we wish to inform you that auger borings drilled in conjunction with the soil profile investigation for U.S.R. 25 in Warren and Montgomery Counties have been completed. Three more borings remain to be drilled but are not in the vicinity of your 18-inch transmission line according to our Mr. Leon Talbert.

We are unable to furnish you plans of this relocation. A set of these plans might be obtained by contacting:

Hale, Sticklen, Jordan & McNea
Consulting Engineers
3564 North High Street
Columbus, Ohio

We wish to thank you for the cooperation received in the location of buried installations.

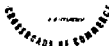
Very truly yours, ..

R. E. Litchner
Engineer of Tests

Per _____
R. E. Litchner
Assistant Engineer

CINCINNATI

a mid industrial city



THE CINCINNATI GAS & ELECTRIC COMPANY

P. O. BOX 960

CINCINNATI 1, OHIO

December 7, 1956

Ohio State Highway Dept.
Columbus, Ohio

Attn: Mr. Talbert
State Highway Engineer

Dear Mr. Talbert:

Sorry I could not meet you in Franklin, Ohio last Monday in order to go over your plans for the relocation of S.R. #25. Our Company representatives have informed me of your core drilling plans and their locations.

We shall appreciate receiving your proposed plans for the location of the new S.R. #25 so that we may become familiar with the work you plan to do in the vicinity of Franklin. For your information, our 18" gas transmission line is one of the main gas feeder lines to Cincinnati from the north. This serves a number of communities and customers and is a very important link in our entire transmission and distribution system.

In addition to receiving your plans, we would also like to have your schedule of operations.

Very truly yours,

Howard C. Bapp
Planning Engineer

HB:vkp



STATE OF OHIO
DEPARTMENT OF HIGHWAYS
COLUMBUS 15

FILE

FRANK J. LAUSCHE
GOVERNOR

REPLY TO
OHIO STATE HIGHWAY TESTING LABORATORY
O. S. U. CAMPUS, COLUMBUS 10, OHIO

S. O. LINZELL
DIRECTOR

Foundation Investigation Section,
December 14, 1956.

Mr. Howard C. Rapp,
Planning Engineer,
The Cincinnati Gas & Electric Co.,
P.O. Box 960,
Cincinnati 1, Ohio.

11/15/56

Dear Sir:

It was a pleasure to have met with your representatives December 3rd. in Franklin, Ohio, to determine the location of your underground installations in that area.

Our auger-boring soil investigation has been concluded in the field, and all of our field work will be completed with some core-borings in the very near future. These core-borings are not located in the vicinity of your 18" transmission line.

I regret that our office cannot supply you with plans of the U.S. Route 25 relocation; however, a set of these plans might be obtained from the following address:

Yule, Sticklen, Jordan & McNee,
Consulting Engineers,
3564 N. High St.,
Columbus, Ohio.

Our office would like to thank you for your company's cooperation in conjunction with our foundation investigation, and hope that you will feel ~~free~~ call upon us if we may be of any assistance to your company in the future.

Sincerely yours,

Leon O. Tallent
Engineer-In-Training

WAR-MOT- 25- (8.53)(0.00)

5400 E

Depth 1.5' - 9.0'

Sample No. 1E

Lab No. So. 55430

Run in P. $\frac{3}{4}$ material

150

148

146

144

142

140

138

136

134

132

130

128

126

Pounds Per Cubic Foot

Wet Weight

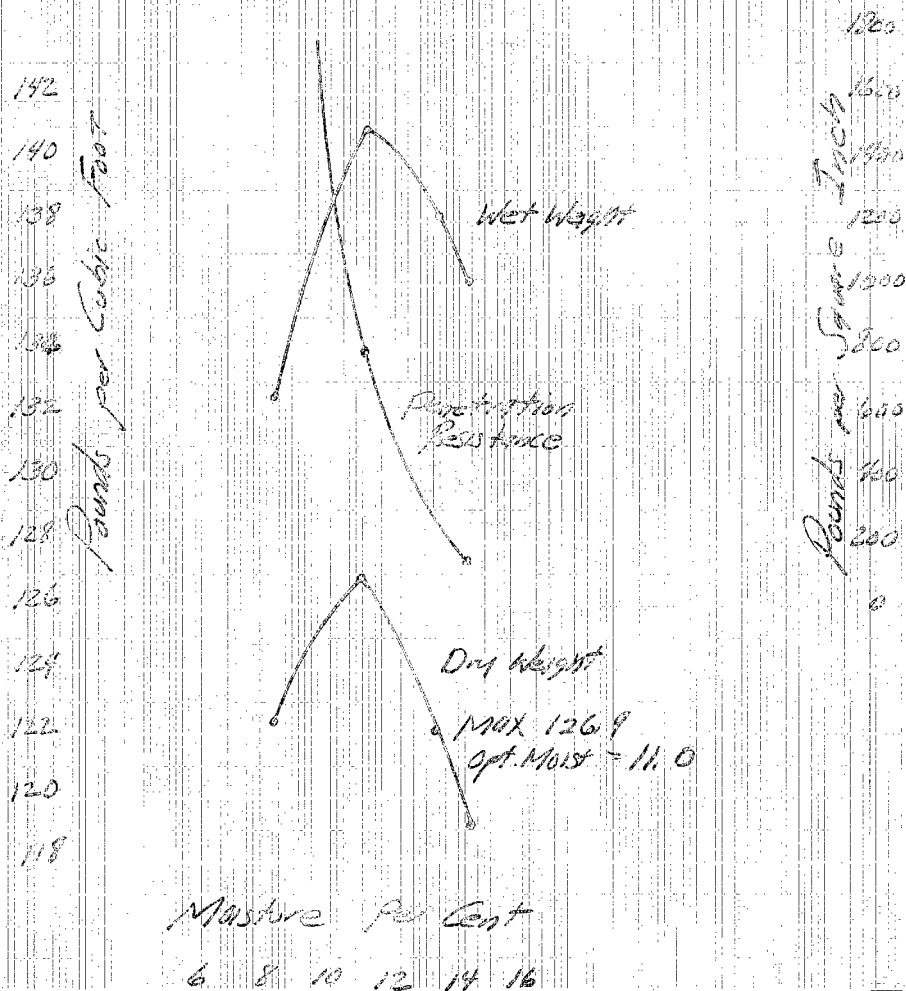
Dry Weight

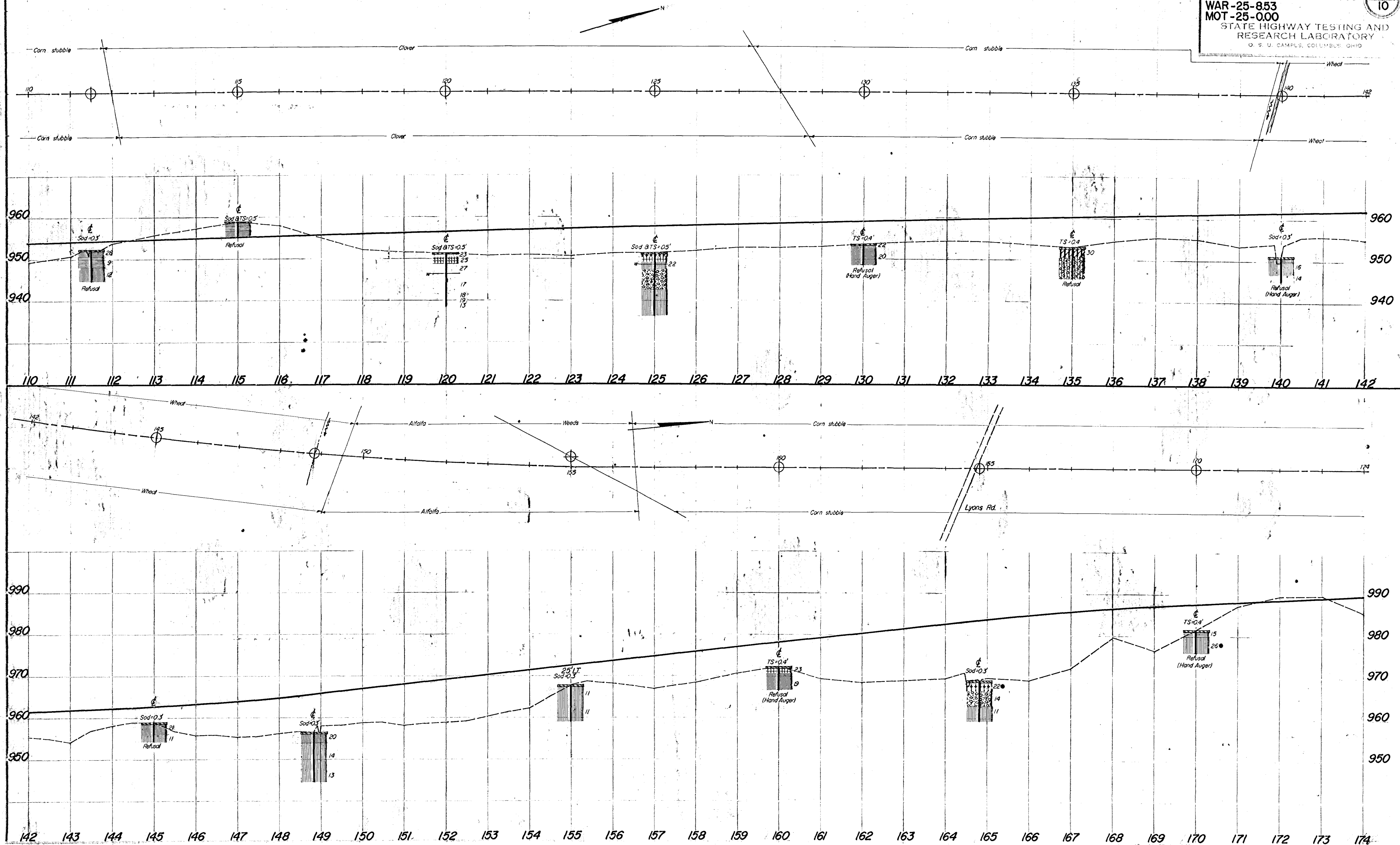
Max = 138.0
Opt. Moist = 7.4%

Moisture Per Cent

0 2 4 6 8 10 12

Mot- 25-0.00
 STA 191+00 &
 Depth 16' - 19'
 Sample No. 1 CBR
 Lab No. 5. 55845





SOIL PROFILE
WARREN & MONTGOMERY COS.
WAR-25-8.53
MOT-25-0.00
STATE HIGHWAY TESTING AND
RESEARCH LABORATORY
O. S. U. CAMPUS, COLUMBUS, OHIO

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