DRILLING LOG

DIVISION	Southwestern
INSTALLATION	Galv Dist, Eng Div
SHEET	OF SHEETS
1. PROJECT	Wallisville Reservoir
2. LOCATION (Coordinates or Station)	
3. DRILLING AGENCY	U. S. Army Corps of Engineers
4. HOLE NO. (As shown on drawing title and file number)	3ST-127
5. NAME OF DRILLER	Smith X= 3,353,360 Y= 743,970
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	76.0
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	Elev. 4.4
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED: 17 Jars; UNDISTURBED: 12 Cont
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED: 6 Jan; COMPLETED: 8 Jan 1965
17. ELEVATION TOP OF HOLE	
18. TOTAL CORE RECOVERY FOR BORING	%
19. SIGNATURE OF INSPECTOR	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) El. 4.4' d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.0	2.0		Gray clay and sand, w/roots stiff			Cont. 1	1.50
2.0	4.0		Gray clay w/roots 2.0-2.5 No count 2.5-3.0 1 blow 3.0-3.5 2 blows 3.5-4.0 No count			Jar 1	
4.0	6.0		Gray clay and sand, stiff			Cont. 2	1.00
6.0	8.0		Gray sand w/clay binder 6.0-6.5 No count 6.5-7.0 3 blows 7.0-7.5 weight of 10.0' rock and hammer 7.5-8.0 No count			Jar 2	
8.0	12.0		Gray sand w/clay binder Weight of 3" tube and kelly to 12.0'			Jar 3	
12.0	14.0		Gray sand w/clay binder and wood and shell 12.0-14.0 weight of 15' rod and hammer			Jar 4	
14.0	17.0		Washed, same as below			No sample	
17.0	19.0		Gray sand w/shell 17.0-17.5 No count 17.5-18.0 1 blow 18.0-18.5 3 blows 18.5-19.0 No count			Jar 5	
19.0	20.0		Washed, same as above			No sample	
20.0	22.0		Washed, same as above			No sample	
22.0	24.0		Gray clay w/sandy layers and shell 22.0-22.5 No count 22.5-23.0 1 blow 23.0-23.5 2 blows 23.5-24.0 No count			Jar 6	
24.0	26.0		Gray clay sandy w/shell medium			Cont. 3	0.50
26.0	28.0		Gray clay w/shell 26.0-26.5 No count 26.5-27.0 1 blow 27.0-27.5 1 blow 27.5-28.0 No count			Jar 7	
28.0	30.0		Gray clay, stiff			Cont. 4	1.50
			continued on next sheet				

DRILLING LOG

DIVISION	
INSTALLATION	
SHEET	OF SHEETS
1. PROJECT	Wallisville Reservoir
2. LOCATION (Coordinates or Station)	
3. DRILLING AGENCY	
4. HOLE NO. (As shown on drawing title and file number)	
5. NAME OF DRILLER	
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)	
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED / UNDISTURBED
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED / COMPLETED
17. ELEVATION TOP OF HOLE	
18. TOTAL CORE RECOVERY FOR BORING	%
19. SIGNATURE OF INSPECTOR	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
30.0	32.0		Gray clay 30.0-30.5 No count 30.5-31.0 2 blows 31.0-31.5 2 blows 31.5-32.0 No count			Jar 8	
32.0	34.0		Gray and Tan clay, v/stiff			Cont. 5	2.50
34.0	36.0		Gray and Tan Clay w/tr sand and shell 34.0-34.5 No count 34.5-35.0 4 blows 35.0-35.5 5 blows 35.5-36.0 No count			Jar 9	
36.0	38.0		Gray and tan clay w/little sand, v/stiff			Cont. 6	3.25
38.0	40.0		Gray clay w/sand and shell 38.0-38.5 No count 38.5-39.0 5 blows 39.0-39.5 8 blows 39.5-40.0 No count			Jar 10	
40.0	42.0		No recovery, same as below				
42.0	44.0		Shell w/sand 42.0-42.5 No count 42.5-43.0 3 blows 43.0-43.5 5 blows 43.5-44.0 No count			Jar 11	
44.0	47.0		Washed, same as above			No recovery	
47.0	49.0		Fine sand w/shell and gravel 47.0-47.5 No count 47.5-48.0 16 blows 48.0-48.5 32 blows 48.5-49.0 No count			Jar 12	
49.0	50.0		Washed, same as above			No sample	
50.0	52.0		Washed, same as above			No sample	
52.0	54.0		No recovery, showed to be same as above 52.0-52.5 No count 52.5-53.0 28 blows 53.0-53.5 41 blows 53.5-54.0 No count			No sample	
54.0	56.0		Tan and gray clay, w/cal nod v/stiff			Cont. 7	3.25
56.0	58.0		Tan and gray clay 56.0-56.5 No count 56.5-57.0 7 blows 57.0-57.5 7 blows 57.5-68.0 No count			Jar 13	

DRILLING LOG

DIVISION	
INSTALLATION	
SHEET	OF SHEETS
1. PROJECT	Wallisville Reservoir
2. LOCATION *(Coordinates or Station)*	
3. DRILLING AGENCY	
4. HOLE NO. *(As shown on drawing title and file number)*	
5. NAME OF DRILLER	
6. DIRECTION OF HOLE	☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN	
8. DEPTH DRILLED INTO ROCK	
9. TOTAL DEPTH OF HOLE	
10. SIZE AND TYPE OF BIT	
11. DATUM FOR ELEVATION SHOWN *(TBM or MSL)*	
12. MANUFACTURER'S DESIGNATION OF DRILL	
13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN	DISTURBED / UNDISTURBED
14. TOTAL NUMBER CORE BOXES	
15. ELEVATION GROUND WATER	
16. DATE HOLE	STARTED / COMPLETED
17. ELEVATION TOP OF HOLE	
18. TOTAL CORE RECOVERY FOR BORING	%
19. SIGNATURE OF INSPECTOR	

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS *(Description)* d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS *(Drilling time, water loss, depth of weathering, etc., if significant)* g	
58.0	60.0		Tan and gray clay w/cal nod v/stiff			Cont. 8	3.50
60.0	62.0		Tan and gray clay 60.0-60.5 No count 60.5-61.0 8 blows 61.0-61.5 13 blows 61.5-62.0 No count			Jar 14	
62.0	64.0		Tan and gray clay, v/stiff			Cont. 9	3.00
64.0	66.0		Tan and gray clay 64.0-64.5 No count 64.5-65.0 5 blows 65.0-65.5 8 blows 65.5-66.0 No count			Jar 15	
66.0	68.0		Tan and gray clay, v/stiff			Cont. 10	2.50
68.0	70.0		Tan and gray clay w/sand 68.0-68.5 No count 68.5-69.0 6 blows 69.0-69.5 10 blows 69.5-70.0 No count			Jar 16	
70.0	72.0		Tan and gray clay, w/sand hard			Cont. 11	4.50
72.0	74.0		Tan and gray clay sand 72.0-72.5 No count 72.5-73.0 13 blows 73.0-73.5 18 blows 73.5-74.0 No count			Jar 17	
74.0	76.0		Tan and gray clay w/shell hard			Cont. 12	4.50
			Bottomed Water 2.0 Weight of hammer 140# Drop Distance - 30"				

X 3353360
Y 743 970

SWG Form 267(C)
28 Jan 1965

3ST - 127

PROJECT: WALLISVILLE RESERVOIR

ELEV +4.4

BORING NO. 3ST-127

TEST DATA SUMMARY

LOCATION:

DATE DRILLED 6 JAN 1965

FIELD NO.	DEPTH	CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
C-1	0-2	Gray sandy silt from 0'-6' (ML)	ML		1.5		19.7	96			2.0	0	35	65	50	0.0	0.0	0.0	17.5
J-1	2-4	Grass [illegible] from 0-2'		L		3	34.0												
C-2	4-6	30 Stiff			1.25		30.2	88											
J-2	6-8	Gray silty sand from 6-22' (SM)	SM	L		3	27.6												
J-3	8-12						24.0				0.0	0	63	37	50	0.0	0.0	3.0	31.5
J-4	12-14						29.1				1.0	3	62	35	50	1.5	2.0	6.0	32.5
X	14-17	27 Loose																	
J-5	17-19			L		4	27.3				0.0	8	62	30	50	4.0	6.0	11.0	35.0
X	19-20																		
X	20-22																		
J-6	22-24	Gray sandy clay from 22'-28' (CL)	CL				29.0												
C-3	24-26	32 Medium		M	0.5		33.7	88			10.0	0	36	64	50	0.0	0.5	1.5	18.0
J-7	26-28	Gray Sandy Clay (CL)	CL				43.2												
C-4	28-30	Gray clay from 28'-34' (CH)	CH	ST	1.25		42.1	78											
J-8	30-32	Shell fragments 30'-32' 38 M to St		M		4	34.8												
C-5	32-34	sandy from 32'-34' Gray Clay (CH)	CH	VST	2.0	31 VST	30.9	93			22.0	0	18	82	50	0.0	0.5	0.5	9.0
J-9	34-36	Gray & ~~Tan~~ sandy clay (CL)	CL	ST		9	19.7												
C-6	36-38	from 34'-40' 21 Stiff [illegible]		VST	2.5		20.4	105			11.0	0	18	82	50	0.0	0.0	0.5	9.0
J-10	38-40			VST		13	26.6												
X	40-42	Brown silty sand from	SM SP																
J-11	42-44	40'-54' 22 Medium Dense (SM-SP)		M		8	21.6												
X	44-47																		
J-12	47-49	Shell fragments 47'-49'		VD		48	17.7				0.0	1	93	6	50	0.5	1.5	25.0	47.0
X	49-50	Brown Silty Sand (SM-SP)																	
X	50-52	18 V/Dense																	
X	52-54			VD		69													
C-7	54-56	Brown clay from 54'-64'	CH	VST	3.25		32.8	90											
J-13	56-58	Calc Nod 54'-64'		ST		14	31.5												
C-8	58-60	30 stiff to VST		VST	3.25		29.6	90			23.0	0	4	96	50	0.0	0.0	0.5	2.0
J-14	60-62					21	27.5												

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense.

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

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BORING NO. 3ST-127

SWG Form 267(C)
28 Jan 1965

PROJECT: WALLISVILLE RESERVOIR

LOCATION:

TEST DATA SUMMARY

BORING NO. 3ST-127

DATE DRILLED 8 JAN 1965

FIELD NO.	DEPTH	CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
C-9	62-64			VST	3.0		31.7	90											
J-15	64-66	Brown & ~~Tan~~ Clay from (CL)	CL	ST		13	17.5												
C-10	66-68	64'-76'		VST	2.75		20.8	109			11.0	0	10	90	50	0.0	0.0	0.5	5.0
J-16	68-70	Calc Nod from 70'-76'		VST		16	17.9												
C-11	70-72			H	4.0		15.2	116											
J-17	72-74	17 VSt iff tottent		H		31	20.2												
C-12	74-76			H	4.0		19.3	106											
		water @ 2.0'																	