H No. 6ST-3

DRILLING LOG	DIVISION Southwe ern	INSTALLATION Galv Dist, Eng iv	SHEET OF SHEETS

1. PROJECT Wallisville Reservoir	10. SIZE AND TYPE OF BIT
2. LOCATION (Coordinates or Station)	11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
3. DRILLING AGENCY U. S. Army Corps of Engineers	12. MANUFACTURER'S DESIGNATION OF DRILL
4. HOLE NO. (As shown on drawing title and file number) 6ST-3	13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 10 Jars; UNDISTURBED 44 Cont
5. NAME OF DRILLER Smith - Watts Y= 743,850 X= 3,353,280	14. TOTAL NUMBER CORE BOXES
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	15. ELEVATION GROUND WATER
7. THICKNESS OF OVERBURDEN	16. DATE HOLE: STARTED 29 Apr; COMPLETED 14 May 1964
8. DEPTH DRILLED INTO ROCK	17. ELEVATION TOP OF HOLE +2.0
9. TOTAL DEPTH OF HOLE 126.0	18. TOTAL CORE RECOVERY FOR BORING %
	19. SIGNATURE OF INSPECTOR

~~ELEVATION~~ Depth 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
0.0	2.0		Dark gray clay, org. grass roots, medium			Cont. 1 0.50
2.0	4.0		Dark gray clay, layers of sand, soft			Cont. 2 0.25
4.0	6.0		Gray clayey sand, org. med			Cont. 3 0.75
6.0	8.0		Gray sand, loose			Cont. 4 0.0
8.0	10.0		Weight of hammer LOOSE 10' rod and drive tube penetrated 2.0', fine gray clayey sand			Jar 1
10.0	13.0		Same as above, no recovery LOSE washed			
13.0	15.0		13.0-13.5 No count 13.5-14.0 2 blows MED 14.0-14.5 2 blows 14.5-15.0 No count Sand, no recovery			No sample
15.0	18.0		Gray sand, washed, no recovery LOOSE			No sample
18.0	20.0		Weight of 20' rod, hammer drive tube penetrated 2.0' SOFT gray sandy clay, shell frag			Jar 2
20.0	23.0		Same as above, washed			No sample
23.0	25.0		Weight of hammer, 25' rod SOFT and drive tube penetrated 2.0' dark gray clay, shell frag			Jar 3
25.0	26.0		Same as above, washed, SOFT			No recovery
26.0	28.0		Dark gray clay w/sand pockets stiff			Cont. 5 1.25
28.0	30.0		Gray clay stiff			Cont. 6 1.75
30.0	32.0		Gray and brown clay, cal nod sand, pockets, v/stiff			Cont. 7 2.75
32.0	34.0		Gray and brown sandy clay shell frag, cal nod, stiff			Cont. 8 1.50
34.0	36.0		Same as below, no recovery			No sample
36.0	38.0		36.0-36.5 No count 36.5-37.0 2 blows Med Plastic 37.0-37.5 2 blows 37.5-38.0 No count Clayey sand, cal nod			Jar 4

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DRILLING LOG

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

~~ELEVATION~~ Depth b	~~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	
38.0	41.0		Washed, same as below			No sample	
41.0	43.0		41.0-41.5 No count 41.5-42.0 8 blows 42.0-42.5 12 blows Penal 42.5-43.0 No count Gray and tan sand			Jar 5	
43.0	46.0		Washed, same as above			No recovery	
46.0	48.0		46.0-46.5 No count 46.5-47.0 6 blows Med. 47.0-47.5 7 blows 47.5-48.0 No count Tan sand, coarse grain			Jar 6	
48.0	50.0		Washed, same as above w/sand-stone and small gravel			Jar 7	
50.0	52.0		Gray and brown clay, cal nod oxidized particles, v/stiff			Cont. 9	3.5
52.0	54.0		Gray and brown clay, cal nod v/stiff			Cont. 10	2.25
54.0	56.0		Same as above, v/stiff			Cont. 11	3.00
56.0	58.0		Light brown clay, v/stiff			Cont. 12	3.00
58.0	60.0		Light brown and gray clay traces of cal nod, v/stiff			Cont. 13	2.50
60.0	62.0		Light brown clay, v/stiff			Cont. 14	2.50
62.0	64.0		Same as above, v/stiff			Cont. 15	2.50
64.0	66.0		Light gray and tan clay cal nod, v/stiff			Cont. 16	2.50
66.0	68.0		Brown clay, cal nod, v/stiff			Cont. 17	3.75
68.0	70.0		Brown and gray clay w/large cal nod, v/stiff			Cont. 18	3.0
70.0	72.0		Brown and gray sandy clay w/large cal nod, hard			Cont. 19	4.0
72.0	74.0		Same as above, w/numerous cal nod, hard			Cont. 20	4.0
74.0	76.0		Brown and gray clay fewer cal nod, v/stiff			Cont. 21	3.5
76.0	78.0		Brown and gray sandy clay w/cal nod, v/stiff			Cont. 22	3.0
78.0	80.0		Brown and gray sandy clay w/thin layers of silt hard			Cont. 23	4.0

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No. 6ST-3

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5. NAME OF DRILLER	14. TOTAL NUMBER CORE BOXES
	15. ELEVATION GROUND WATER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED ____ DEG. FROM VERT.	16. DATE HOLE: STARTED / COMPLETED
7. THICKNESS OF OVERBURDEN	17. ELEVATION TOP OF HOLE
8. DEPTH DRILLED INTO ROCK	18. TOTAL CORE RECOVERY FOR BORING %
9. TOTAL DEPTH OF HOLE	19. SIGNATURE OF INSPECTOR

~~ELEVATION~~ Depth 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	
80.0	82.0		Brown sandy clay w/thin layers of silt, hard			Cont. 24	4.50
82.0	84.0		Same as above, v/stiff			Cont. 25	3.50
84.0	86.0		Tan sand laminated, stiff			Cont. 26	1.5
86.0	88.0		86.0-86.5 Tan sand fine 86.5-88.0 Brown sandy clay 86.0-86.5 No count 86.5-87.0 23 blows 87.0-87.5 21 blows 87.5-88.0 No count			Jar 8 Jar 9	
88.0	90.0		Brown clay, v/stiff			Cont. 27	3.50
90.0	92.0		Brown and gray clay w/few cal nod, v/stiff			Cont. 28	3.0
92.0	94.0		Brown and gray sandy clay laminated, w/few cal nod hard			Cont. 29	4.50
94.0	96.0		Same as above, hard			Cont. 30	4.50
96.0	98.0		Same as above, hard			Cont. 31	4.0
98.0	100.0		98.0-99.5 Same as above, hard 99.5-100.0 Brown sand			Cont. 32	4.00
100.0	102.0		Blue sandy clay, hard			Cont. 33	4.50
102.0	104.0		Blue clayey sand, fine grain stiff			Cont. 34	1.50
104.0	106.0		Same as above, stiff			Cont. 35	1.50
106.0	108.0		Brown and blue sandy clay w/sandstone and small shell frag 106.0-106.5 No count 106.5-107.0 40 blows 107.0-107.5 44 blows 107.5-108.0 No count			 Jar 10	
108.0	110.0		Brown and blue sandy clay small shell frag, w/sandstone nod, hard			Cont. 36	4.50
110.0	112.0		Brown and blue clay w/few shell frag, laminated w/few cal nod, hard			Cont. 37	4.50
112.0	114.0		Brown and blue sandy clay laminated, v/stiff			Cont. 38	3.50

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~~ELEVATION~~ Depth 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	
114.0	116.0		Same as above, hard			Cont. 39	4.0
116.0	118.0		Brown and blue sandy clay alternating layers of sand and clay w/small cal nod, brittle, hard			Cont. 40	4.0
118.0	120.0		Same as above, hard			Cont. 41	4.0
120.0	122.0		Same as above, hard			Cont. 42	4.0
122.0	124.0		Same as above, hard			Cont. 42	4.0
124.0	126.0		Brown, blue and gray sandy clay alternating layers of sand and clay			Cont. 44	4.0
			Bottomed				
			NOTE - Water level on 6ST-2 6.1'				