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| DRILLING LOG | | DIVISION Southwestern | INSTALLATION Galv Dist, E. Div | 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-100 | | 13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN 5 Jars | DISTURBED UNDISTURBED 25 Cont | |
| 5. NAME OF DRILLER Smith X = 3,354,397.07 Y = 744,824.98 | | 14. TOTAL NUMBER CORE BOXES | | |
| 6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT. | | 15. ELEVATION GROUND WATER | | |
| 7. THICKNESS OF OVERBURDEN | | 16. DATE HOLE STARTED 13 Oct COMPLETED 14 Oct 1964 | | |
| 8. DEPTH DRILLED INTO ROCK | | 17. ELEVATION TOP OF HOLE 1.72 | | |
| 9. TOTAL DEPTH OF HOLE 70.0 | | 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 |
|----------------|------------|-------------|---|----------------------|------------------------|--|
| 0.0 | 2.0 | | Gray and brown sandy clay w/org. mat. medium | | | Cont. 1 0.75 |
| <2.0 | 4.0 | | Gray and brown sandy clay medium | | | Cont. 2 0.50 |
| <4.0 | 6.0 | CL | Gray sandy clay, v/soft | | | Cont. 3 0.0 |
| 6.0 | 8.0 | | Same as above, v/soft | | | Cont. 4 0.0 |
| <8.0 | 10.0 | sm | Gray clayey sand w/org. mat. shell, medium | | | Cont. 5 0.50 |
| 10.0 | 12.0 | sm | Gray sand w/shell, medium | | | Cont. 6 0.50 |
| 12.0 | 14.0 | sc | Gray clayey sand w/shell weight of hammer 12.0-12.5 Seat pent 12.5-13.0 1 blow 13.0-13.5 1 blow 13.5-14.0 Retain sample | | | Jar 1 |
| 14.0 | 17.0 | | Washed, same as above | | | No sample |
| 17.0 | 19.0 | | Gray clayey sand w/shell 17.0-17.5 Seat pent 17.5-18.5 1 blow 18.5-19.0 Retain sample | | | Jar 2 |
| 19.0 | 22.0 | | Washed | | | |
| 22.0 | 24.0 | | Gray sandy clay w/shell 22.0-22.5 Seat pent 22.5-23.5 Weight of hammer 23.5-24.0 Retain sample | | | Jar 3 |
| 24.0 | 25.0 | | Washed, same as above | | | No sample |
| 25.0 | 27.0 | | Gray sandy clay w/shell v/soft | | | Cont. 7 0.0 |
| 27.0 | 29.0 | | Gray clay w/sand pockets medium | | | Cont. 8 0.75 |
| 29.0 | 30.5 | | Gray sandy clay, stiff | | | Cont. 9 1.00 |
| 30.5 | 32.0 | | Gray sandy clay, stiff | | | Cont. 10 1.50 |
| 32.0 | 34.0 | | Brown and gray sandy clay v/stiff | | | Cont. 11 3.25 |
| 34.0 | 36.0 | | Same as above, v/stiff | | | Cont. 12 3.50 |
| 36.0 | 38.0 | | Brown and gray clayey sand v/stiff | | | Cont. 13 2.25 |
| 38.0 | 40.0 | | Tan sand 38.0-38.5 Seat pent 38.5-39.5 Weight of hammer 39.5-40.0 Retain sample | | | Jar 4 |

continued on next page

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| 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 | | |
| 6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT. | 15. ELEVATION GROUND WATER | 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 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 |
|----------------|------------|-------------|--|----------------------|------------------------|--|
| 40.0 | 43.0 | | Washed, same as above | | | No sample |
| 43.0 | 45.0 | | Tan sand coarse w/gravel 43.0-43.5 Seat pent 43.5-44.0 10 blows 44.0-44.5 10 blows 44.5-45.0 Retain sample | | | Jar 5 |
| 45.0 | 46.0 | | Washed, same as above | | | No sample |
| 46.0 | 48.0 | | Tan gray sandy clay w/cal nod, v/stiff | | | Cont. 14 3.75 |
| 48.0 | 50.0 | | Same as above, v/stiff | | | Cont. 15 2.50 |
| 50.0 | 52.0 | | Tan gray clay w/cal nod v/stiff | | | Cont. 16 3.50 |
| 52.0 | 54.0 | | Same as above, v/stiff | | | Cont. 17 3.50 |
| 54.0 | 56.0 | | Same as above, v/stiff | | | Cont. 18 3.00 |
| 56.0 | 58.0 | | Brown and gray clay, v/stiff | | | Cont. 19 2.75 |
| 58.0 | 60.0 | | Brown and gray clay, v/stiff | | | Cont. 20 3.00 |
| 60.0 | 62.0 | | Same as above, v/stiff | | | Cont. 21 2.50 |
| 62.0 | 64.0 | | Tan gray and brown sandy clay, stiff | | | Cont. 22 1.50 |
| 64.0 | 66.0 | | Tan and gray sandy clay hard | | | Cont. 23 4.00 |
| 66.0 | 68.0 | | Tan gray sandy clay w/cal nod, v/hard | | | Cont. 24 4.5/ |
| 68.0 | 70.0 | | Gray and brown clayey sand and clay layered, hard | | | Cont. 25 4.00 |
| | | | Bottomed Water table 2.0' | | | |