

FOUNDATION TESTING and SOIL SAMPLING RECORD

NAME: JUSTIN & COURTNEY LOCATION: HOOP DAM WILMINGTON DE

HOLE NO. 1 SURFACE ELEVATION _____ RIG NO. _____ DATE: From 7-5-77 To 7-19

| BORING LOG | | SPOON SAMPLE AND CORE DATA | | | | BLOWS ON CASI | |
|---------------|---|----------------------------|-----------------------|-------------------------|-------------------|--|--|
| DEPTH FROM-TO | DESCRIPTION OF MATERIAL Based On Samples Recovered Plus Observation Of Material Returned Between Samples | SAMPLE NUMBER | DEPTH FROM-TO | BLOWS PER 6" ON SAMPLES | ROCK CORE RECOV'D | D-DRY U-UNDISTURBED W-WASH R-ROD T-TRAP C-CORE | 0-1 1-2 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17 17-18 18-19 19-20 20-21 21-22 22-23 23-24 24-25 25-26 26-27 27-28 28-29 29-30 30-31 31-32 32-33 33-34 34-35 35-36 36-37 37-38 38-39 39-40 40-41 41-42 42-43 43-44 44-45 |
| 0 | TOP SOIL CEMENT | 1 | 0-1'6" | 7-21-50 | | | 51-52 |
| 1'6" | | | | | | | 52-53 |
| 1'6" | BROKEN GNEISS | | NO CORE | | | | 53-54 |
| 3 | | | | | | | 54-55 |
| 3 | SOFT GRAY SILT SOME SAND + GRAVEL | 2 | 3-4'6" | 3-2-3 | | | 55-56 |
| 12' | | 3 | 8-9'6" | 4-6-5 | | | 56-57 |
| 12' | BROWN SILT CLAY SOME ROCK FRAGMENTS | 4 | 13-14'6" | 8-7-11 | | | 57-58 |
| 17' | | | | | | | 58-59 |
| 17'6" | BROKEN SEAMY GNEISS | | 17'6" 22' | 16" CORE | | | 59-60 |
| | | | 22-23 | 14" CORE | | | 60-61 |
| | " | | 23-26'6" | 26" | | | 61-62 |
| | " | | 26'6" 29' | 24" | | | 62-63 |
| | " | | 29-30'6" | 18" | | | 63-64 |
| 36'6" | " | | 30'6" 30'6" | 72 | | | 64-65 |
| 36'6" | BROKEN SEAMS VERTICAL MOST ALL SEAMS VERTICAL | | 36'6" 45'6" | 108" | | | 65-66 |
| | | | 45'6" 53' | 88" | | | 66-67 |
| | | | 53-61'6" | 102" | | | 67-68 |
| 64 | " | | 61'6" 64' | 80" | | | 68-69 |
| 64 | GRAY GNEISS | | 64-74' | 112" | | | 69-70 |
| 74 | ROCK | | BOTTOM OF HOLE 74 FT. | | | | 70-71 |

| GROUND WATER | | | PIPE AND CASING LEFT IN HOLE | | | DISTANCE HAMMER DROP 24-30 INCH |
|--------------|------|------|------------------------------|--------|--------|---------------------------------|
| DEPTH | HOUR | DATE | SIZE | AMOUNT | REASON | |
| | | | | | | 24" DRIVE HAMMER 300 LBS. |
| | | | | | | 30" SPOON HAMMER 140 LBS. |
| | | | | | | CASING SIZE 4" I.D. X INCH |
| | | | | | | SPOON SIZE 2" INCH |
| | | | | | | SIZE OF CORE BIT 1/2 X INCH |

NOTE: *Classification of soil has been made by the driller and has not been checked by a soils engineer. Classification of rock has been made by the driller and has not been checked by a geologist.
* Under Remarks mention kind of Bit, loss of sample, loss of Drilling water, soft seamy or broken Rock, Caving, Cavities, unusual Ground water conditions, etc., at depth encountered.

Driller John Hensley
Helper Jim Falter
Helper _____