Waiver M/O-200

Log # 85843

Well Summary Information

ornl OAK RIDGE NATIONAL LABORATORY [redacted]

Prepared By: Z. Schlosser Date: 3/7/91 Page: 1 OF 1

Hole No. [redacted] Casing Elev.: _____ Ground Elev.: _____ Location: Site 4 Churchill Cmp

Total Depth: 25' Number of Completions: 1 Rig Type: Schram Rota Drill T-685

Auger Size: 8" O.D. Sample Type: 5' Cont - 2' SS ~~Cont~~ Calif. Method.

Project: US Navy [redacted] Data Verified By: _____ Date: _____

DEPTH (FEET)	SAMPLE TYPE	SAMPLE INTV	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION Basin #101
0			BENT/CONC GROUT		FILL GRAVEL & SAND
2	CS				HNU 20-40 from 2-4' HNU 60 @ 4' SP: SAND 1+ gy 10YR 6/2 fl subang pred ~~[illegible]~~ qtz. sme feld. & dk acc min, ark, micaceous
4	CS				CL: dk grayish brn, 10YR 4/2 silty @ 6' HNU 68 ppm sme root hairs & oxidation
6	SP				SP sand. color 2/2. m.u. pred sbrnd, sme ang saturated @ 8' pred clr qtz ~~[illegible]~~ ark. HNU 150 at brass sleeve.
8		NO	NATIVE FILL	NS	
10					SP 1/2/2
12	CS				SW Sand dark gy brn. 10YR 4/2 fu - vcu ~~[illegible]~~ sbrd. sm v f gr ark and dk acc min. v well graded, micaceous. HNU ~~[illegible]~~ 30-40
14			8/20 FRAC SAND	NS	LOST. 13-15
16					HOLE SURGED W/SAND TO 11' - SAMPLER HAD 1' OF SLUFF.
18	CS			NS	PROBABLY SW OR SP SAND
20					.020 SLOTTED SCREEN 21-18' 8/20 FRAC SAND 25-13 = Gravel Packed 13'-25' 3/8 BENT. 13-11
22	CS				- SP SAND STGS. OXIDIZED CARSON RIVER-LAKE LAHONTON CL olive - SLITY IP, Becoming less silty w depth NATIVE FILL 11-9 3/8 BENT. ~~[illegible]~~
24					
26					3 sacks Sand - 1-5' S 2-5' B 1-10' B
28					
30					

RECEIVED AUG 12 1991 STATE ENGINEER'S OFFICE

* Dual Completion

DLN = 772 (Welsco)