



OAK RIDGE NATIONAL LABORATORY

Prepared By F. GARDNER Date 6-21-88 Page 1 of 2  
 Hole No. MW24 Elevation ? Location up gradient well, west to apron  
 Total Depth 43.5 No. of Completions     Rig Type Mobile B-61  
 Auger Size 2 7/8 x 4 1/4 Sample Type S' CONTINUOUS  
 Project Ferries ANL Data Verified By     Date    

DEPTH (FEET)	LOGS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
2				fill soil & gravel	
4					CLAY: GRAY (SY 5/1) with red brown oxidized streaks, nodules, occ. v. dk. gray-black shale/clay ptgs, becoming plastic @ 3 1/2 - very dry and friable above.
6					CLAY: yellowish red (SYR 4/6) with gray & black threads (organic debris) trace, very carbonaceous inclusions 5.5-8.5, dry friable red matrix, lustrous sheen on fresh break.
8					
10					
12					CLAY - yellowish red (SYR 5/6) AS ABOVE, dry friable scattered carbonaceous ptgs,
14					
16					SILT: yellowish brown (10YR 5/8), occ. yellow clays, trace carb ptgs & inclusions, friable, argillaceous grading to silty clay @ 23'
18					
20					SILT/CLAY - yellowish brown (10YR 5/6) very silty, as above moisture 26-27, very slight
22					
24					
26					
28					yellowish brown SAND - yellow brown (10YR 5/8) very fine grained, well sorted, dry. thin sand stringer-lenses SAND NA
30					CLAY: YELLOW BROWN (10YR 5/8) occ. very silty & stly inter beds, very slightly damp @ 31-31.5, prod. friable
32					

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 Hole No. MW24 Elevation ? Location gradient well, next to apron.  
 Total Depth 43.5 No. of Completions 1 Rig Type Mobile B61  
 Auger Size 7 5/8 x 4 1/4 Sample Type 5' CONT.  
 Project Fishes ANL Data Verified By \_\_\_\_\_ Date \_\_\_\_\_

DEPTH (FEET)	BLCAS/ 6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
34					(20) SLTY CLAY - AS ABOVE
36					
38					relief bedding planes @ 37.5-38.0 very faint
40					(510) SAND: cr-yellow brn, well rd, w/srd, occ shaly, very wet, clean, trace arg mtrix, tr felt, hornblnd as accessory min, very int. (Beach JZZ 198) fine med grain, well washed, uncms.
42					
44					(4 yellowish brown) SANDSTONE: H yellowish brown (& 2.54 6/4) vfg, locst, slty-arg mtrix, occ oxidized mineral laminations & streaks parallel to bedding, calc, cement appears to be iron oxide or limonite.
14					CLAYSTONE - ROBRN-YELBRWN - SLTY IP, CARB LAMS large rd shale ptzs, calc.
16					
18					
20					3 5' SCREENS
22					3 10' BLANKS
24					1 2 1/2 FOOT BLANK
26					
28					
30					
32					