

OAK RIDGE NATIONAL LABORATORY

Prepared By J. L. Zetman Date 06/19/88 Page of
 Hole No. MW 16 Elevation Location Down center of SAE #17
 Total Depth 18' No. of Completions 1 Rig Type Mobile B-61
 Auger Size 7 5/8 x 4 1/4 Sample Type S' continuous
 Project Data Verified By Date

DEPTH (FEET)	BLOWS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
2					VERY DARK gray (10 YR 3/1) STICKY SILTY clay mottled WITH small amounts of yellow and red roots present. FEW LS GRAVELS TO 1/2" NEAR BOTTOM of sample (3')
4					DARK SILTY CLAY WITH FEW angular LIMESTONE conchs TO 5' 2" STRINGS of well rounded CLEAN SAND beds TO SILTY clay - ALTERNATING beds of yellow CLAY AND BLACK. zone of red. At 7' zone of REDUCING environment followed by 4" lens of sub- Angular LS AND chert gravel (to 1/2") VERY FINE chert TO VERY DARK gray (5Y 3/1) SILTY clay
6					continuous SILTY clay VERY DARK gray (5Y 3/1)
8					same AS ABOVE TO 14' changing TO yellowish BROWN WEATHERED BEDROCK. is VERY DARK TO wet. opening TO VERY DARK gray SILTY clay
10					① 16.5'
12					BEDROCK is bluish gray SILTSTONE
14					① 17.8'
16					
18					
20					
22					TD = 18' - auger refusal. SET 10' SCREEN (2-5 foot sections)
24					5.8' casing
26					
28					
30					
32					

MW 16
88 in
hole

include
summit
sample
if possible