



OAK RIDGE NATIONAL LABORATORY

Prepared By F. GARDNER Date 6-23-88 Page 1 of 1  
 Hole No. MW27 Elevation V Location Apex, S.E. corner 40' NW of MW24  
 Total Depth 25.5 No. of Completions      Rig Type Mobile  
 Auger Size 7 5/8 x 4 1/4 Sample Type 5' CONT  
 Project      Data Verified By      Date     

DEPTH (FEET)	BLOWS/6"	SAMPLE INTERVAL	WELL CONSTRUCTION	LITHOLOGY	DESCRIPTION
0-2				FILL	
2-4			10' BLANK		GRAVELLAYER @ 1' - ANG. MIX L.S. GRAVELS SILTY CLAY - YEL BROWN - BROWN (10YR 5/3) ABOUT CARB THREADS & INCLUSIONS FR. 1.4 TO 3.5. FRIABLE DRY
4-6			10' BLANK		
6-8			10' BLANK		SILTY CLAY (5YR 4/6) YELLOWISH RED, ABNT CARB THREADS & STREAKS, FRIABLE DRY, LUSTROUS CLAYS ON FRESH FACES ALONG DISTINCT BOUNDARIES, NCALC
8-10			10' BLANK		
10-12			10' BLANK		
12-14			10' BLANK		SILTY CLAY (10YR 4/6) BROWN-YELLOW, INER SILTY, NON CARB DECR CARB INCL. VF MICA DESM, NCALC, FRIABLE, SLIGHT DAMPNESS @ 16'
14-16			10' BLANK		
16-18			10' BLANK		
18-20			10' BLANK		SILTY CLAY - AS ABOVE - INER MOISTURE
20-22			10' BLANK		
22-24			10' BLANK		SANDY CLAY; STRONG BROWN (7.5YR 4/6) F-INER SBRO-SBMS- SANDS IN A SILTY CLAY MATRIX, ALL WELL RD ELLIPTICAL black nodules, some silty, some calc. matrix, wet occ. clay at 2' fr. - aug. - BIRMINGHAM INCREASINGLY SANDY, ANELED GYPSUM SANDS LIGNITE CONTACT 2' GRAY ARG with carb lam. 1/2" IF LS HAS SOFT CLAM COLLECTED GYPSUM ALONG CUTTER, APPEARS TO BE HARDER THAN GYPSUM AND VERY CALC. COULD BE CALCIFIED GYP BY RESOLUTION OR WEATHERING.
24-26			10' BLANK		
26-28			10' BLANK		CLAYSTONE: very laminated, very calcareous, gray & yellow-brown
28-30			10' BLANK		
30-32			10' BLANK		

MW27