

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

BORING LOCATION: BURN AREA 28 (B-28)	BORING NUMBER: B28-SB4
SITE: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE
PROJECT: WELL 18 SOURCE CHARACTERIZATION	DRILLING CONTRACTOR: JEDI
LOGGED BY: M. TOWN	REF. LOGBOOK: 1
BORING DEPTH (ft-BGL): 30	DRILLER: T. STARIN
BORING ELEVATION (ft-MSL):	DRILLING RIG: MOBIL B-58
EAST COORDINATE:	DRILLING METHOD: SPLIT-SPOON/AIR CORE
NORTH COORDINATE:	SAMPLING METHOD: SPLIT-SPOON/CORE BARREL
BEGIN DRILLING: 28-FEB-95	END DRILLING: 28-FEB-95

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	HEAD SPACE (DDM)	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG	COMMENTS
0				CLAY with some LIMESTONE fragments and little SILT, very dark gray (10YR 3/1) to 1 ft., color gradually changes to dark grayish brown (10YR 4/2), coarse- to very coarse-grained limestone fragments, subangular to angular, moderately soft, slightly plastic, dry to damp.	CL	
5				Dark brown (10YR 4/4), fossils (reworked), moderately soft, medium plasticity, dry to damp.		
10				Marly LIMESTONE to LIMESTONE, very pale brown (10YR 8/3), coarse-grained, fossils (steinkerns), some marl lens between hard limestone, some wetness between lenses, damp to moist.		
15				LIMESTONE, white (10YR 8/2), at 9 ft. light gray (10YR 7/1), fossils increase with depth, dry to damp. 7 to 10.8 ft. very fossiliferous, predominantly forams, few pelecypods and gastropods, worm burrows, some iron staining of fossils and burrows.		
20				LIMESTONE, white (10YR 8/1, 10YR 8/2), coarse grain, fossiliferous, vugs at 12 to 13 ft. and 14 to 15 ft., vugs from 14 to 15 appear to be dissolution of or around fossils.		
25				LIMESTONE, white (10YR 8/2), coarse-grained (fossil hash), .2 ft. massive limestone with calcite crystals (geode-like), vertical fracture, dry to damp.		
30				Marly LIMESTONE and LIMESTONE, white (10YR 8/1), 18.1 to 20.1 ft. pale yellow (2.5Y 7/4), 20 to 20.7 light gray (10YR 6/1), grades from coarse limestone of above to massive, hard limestone, dry to damp.		
35				LIMESTONE, light gray (10YR 6/1), bioturbated from 20.7 to 21.7, vertical fracture 22 to 23.5, coarse-grained to massive, hard, dry.		
35				Massive, few large fossils at 26.5 to 28, dry.		
35				TOTAL DEPTH = 30 FT.		