

**SOIL BORING LOG**

**CAMP STANLEY STORAGE ACTIVITY**

BORING LOCATION: BURN AREA 3 (B-3)	BORING NUMBER: B3-SB7
SITE: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE
PROJECT: WELL 16 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-56
EAST COORDINATE:	DRILLING METHOD: SPLIT-SPOON/AIR CORE
NORTH COORDINATE:	SAMPLING METHOD: SPLIT-SPOON/CORE BARREL
BEGIN DRILLING: 9-MAR-95	END DRILLING: 9-MAR-95

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	HEAD SPACE (ft)	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG	COMMENTS
0				Fill material, CLAY and LIMESTONE with little SILT, mottled olive brown (2.5Y 4/3), dark yellowish brown (10YR 4/4) very dark gray (10YR 3/2), pieces of coal, faint odor, semiround to semiangular limestone fragments, moderately soft, moderately plastic, dry to damp.		
5				Very dark grayish brown (10YR 3/2), semiround to semiangular limestone fragments, dry to damp.	CL	
10				Grades from very dark grayish brown (2.5Y 3/2) to black (2.5Y N2); limestone, pale yellow (2.5Y 8/3), mottled with bedded orange staining, highly weathered, friable, black coal at 4.5 ft., faint odor, dry to damp.		
15				Clay is black (5Y 2.5/1) and very dark brown (10YR 2/2), mottled with reddish-orange staining, highly weathered, friable.		
20				Hard limestone lenses and fragments, highly weathered, vuggy, fine-grained to massive, semirounded to semiangular limestone fragments, medium plasticity, dry to damp.		
25				Marly LIMESTONE, mottled light gray (10YR 7/1), with yellow (2.5Y 7/6), highly weathered with occasional zones of moderately hard limestone.		
30				Marly LIMESTONE, breaks easily along bedding planes and vertically, more competent with depth, last 4 inches gravel-sized subangular pieces of coarse limestone, few shell fragments from 13 to 16 ft, dry to damp.		
35				Marly LIMESTONE, light gray (7.5YR N7), highly weathered, fossils increasing with depth, at approx. 18 ft. becomes fossiliferous (primarily forams), at approx. 17.8 ft. bioturbation, slightly darker seams of marl, at 23-26' pale yellow (2.5Y 7/3), at 24-25 ft. crystalline zones and pieces of limestone, very hard, at 25-26 ft., hard, coarse-grained, very few small vugs, pale yellow (10YR 8/3), at 28-28.5 ft. vuggy, few fossil fragments., at 29.5 ft. color changes to pale yellow (10YR 7/4), dry to damp.		
				TOTAL DEPTH = 30 FT.		