

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: AOC 65	BORING NUMBER: AOC65-SB13
CLIENT: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.
PROJECT: D05084	DRILLING CONTRACTOR: Jedi
LOGGED BY: Melissa Nugent	REF. LOGBOOK: 738290.02
BORING DEPTH (ft-BGL): 35	DRILLER: Eric Jones
BORING ELEVATION (ft-MSL):	DRILLING RIG: Mobile B-61
EAST COORDINATE:	DRILLING METHOD: Air Core
NORTH COORDINATE:	SAMPLING METHOD: Split Spoon
BEGIN DRILLING: 03/26/01	END DRILLING: 03/26/01

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PTD (ppm)	LITHOLOGIC DESCRIPTION	USGS GRAPHIC LOG	COMMENTS
1.6/2			0.4	FILL, 2.5Y 7/6, yellow, slightly moist, sand with angular limestone fragments, iron oxide staining.		Sample: AOC65-SB13 (0.5-1')
2			0	FILL, 2.5Y 8/4, pale yellow, clayey, moist, somewhat plastic, some iron oxide staining, small clasts <1mm.		
1.4/2			0	Same color as above but becomes sandier, drier, more competent.		
4				No recovery.		Begin air coring.
0/1						
6				LIMESTONE, 2.5Y 7/6, yellow, clayey, sandy limestone, massive, no visible fossils. LIMESTONE, white, mud laminations.		
5/5			0			
8				Disconformity (erosional surface), GLEY 1/8/N, white limestone (packstone) with tiny fossils (shell fragments) and mud clasts, lightly laminated. Note: vug at 9', round, ~1.5" wide, dry.		
10						
12	5/5		0	LIMESTONE (PACKSTONE), GLEY 1/8/N, white laminated limestone/ packstone with fossils, mud clasts, and rip-up clasts (depositional storm environment). Note: 10.8 and 11.6', darker (organic rich) zones, hard, dry. At 11.5' large void, oval, ~1.5" wide, dry.		
14						

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DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (ppm)	LITHOLOGIC DESCRIPTION	SSU GRAPHIC LOG	COMMENTS
5/5			0			
16				MARLY LIMESTONE, sharp contact (erosional, disconf.), 2.5Y 8/4, pale yellow, clay rich, highly weathered, sandy, slightly moist.		
				LIMESTONE, 5Y 8/1, white, dry, laminated, hard, grades toward sandier clay-rich marly limestone by 20', mud laminae and clasts (thin <1mm) occur about every inch, no visible fossils.		
5/5			0			
18						
20				Note: grades to white (less sandy), then back to sandier (5Y 8/3) over 20.8-21.6', then back to white.		Drillers note: loss of core is probably in last foot (24-25').
22						
4/5			0			
24				WEATHERED MARLY LIMESTONE, clay rich, 5Y 6/4, pale yellow/olive, slightly moist, non-plastic.		Sample: AOC65-SB13 (23.5-24) Samples analyzed for VOC's, SVOC's, metals, PCB's, and TPH.
26				LIMESTONE, grades into 5Y 8/1, white, dry, limestone with small fossils (shells), poorly laminated, burrow hole, saturated, mud clasts throughout (26.5').		
28	5/5			LIMESTONE, GLEY 1/7/N, light gray, shaley limestone, massive, gray, grades into GLEY 1/3/N, very dark gray, more fissile, dry.		

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DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (ppm)	LITHOLOGIC DESCRIPTION	SSC	GRAPHIC LOG	COMMENTS
5/5				Laminated white and very dark gray, thin laminae.			
30				LIMESTONE, GLEY 1/8/N, white, hard, dry, mud clasts, burrows, rip up features, packstone.			
32	5/5			WEATHERED LIMESTONE, GLEY 1/7/N, light gray, softer, dry, more abundant fossils, some shell fragments, ~.25" thick.			
34				Note: coral tubes @ 33'. Limestone grades toward more abundant mud clasts and more weathered appearance from 30-35'.			
				TOTAL DEPTH = 35 FEET			
36							
38							
40							
42							