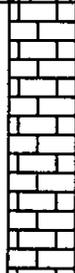


SOIL BORING LOG		CAMP STANLEY STORAGE ACTIVITY	
SITE LOCATION: B29		BORING NUMBER: B29-SB1	
CLIENT: CAMP STANLEY STORAGE ACTIVITY		CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.	
PROJECT: SWMU CLOSURE		DRILLING CONTRACTOR: CORE TERRA, INC.	
LOGGED BY: K. TISCHLER		REF. LOGBOOK: 735903	
BORING DEPTH (ft-BGL): 8.5		DRILLER: ROBERT HUBLER	
BORING ELEVATION (ft-MSL): NA		DRILLING RIG: MOBILE B-61 HDX	
EAST COORDINATE: 536160		DRILLING METHOD: AIR ROTARY	
NORTH COORDINATE: 3283278		SAMPLING METHOD: 5' SPLIT SPOON/AIR CORE	
BEGIN DRILLING: 08/30/96 (0810)		END DRILLING: 08/30/96 (0850)	

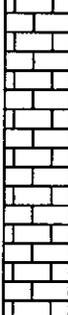
DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (ppm)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	COMMENTS
0.5/2		X	0	SILTY CLAY, very dark brown (10YR 2/2) to dark yellowish brown (10YR 3/4), slightly plastic, small limestone fragments and root material, grades downward into more plastic, harder silty clay, moist.		Hollow-stem auger and split-spoon sampling to 3.5'.
2	1.5/1.5	X	0	WEATHERED LIMESTONE, yellow (10YR 7/6), extremely friable, consists predominantly of foraminifera (chinaman's hats which weather out), small clay components at top, dry.		No evidence of disturbed rocks, driller reports rock at 3.2'.
4				WEATHERED LIMESTONE, highly, very friable, packstone, distinct layered beds of foraminifera (chinaman's hat), color banding Fe oxide, dry.		
6	5/5		0	LIMESTONE, very pale brown (10YR 8/3), some clay (10YR 5/4), packstone, hard but brittle (break by hand, extensive foraminifera (chinaman's hat), common pelecypod/bivalves (1/4-2"), Fe oxide staining, small vugs (<1/2") with infill of coarser silt-clay, calcite spar visible along bivalve shells, small fracture with infill, at 7.4' silt-clay infill, 2" in width fracture/cavity, limestone fragments also in frac/cavity,		Air core 3.5 to 8.5'.
8		X				
				Total depth = 8.5 feet.		
10						
12						
14						

* Analytical samples were taken in March 2000 due to problems associated with ITS Laboratory.

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: B-29	BORING NUMBER: B29-SB2
CLIENT: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.
PROJECT: SWMU CLOSURE	DRILLING CONTRACTOR: CORE TERRA, INC.
LOGGED BY: S. PEARSON	REF. LOGBOOK: 735903
BORING DEPTH (ft-BGL): 6.5	DRILLER: ROBERT HUBLER
BORING ELEVATION (ft-MSL): NA	DRILLING RIG: MOBILE B-61 HDX
EAST COORDINATE: 536126	DRILLING METHOD: AIR ROTARY
NORTH COORDINATE: 3283290	SAMPLING METHOD: 5' SPLIT SPOON/AIR CORE
BEGIN DRILLING: 08/29/96 (1500)	END DRILLING: 08/29/96 (1600)

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	COMMENTS
0.9/1.5			0	CLAY, some SILT & SAND, very pale brown (10YR 7/4), soft, plastic, little fine gravel, weathered limestone in shoe, pale yellow (2.5Y 8/3), plant material, moist.		Hollow-stem auger and split-spoon sampling to 1.5'.
4.8/5			0	LIMESTONE (wackestone), pale yellow (2.5Y 8/2), massive, fossiliferous, pelecypods, some small vugs, secondary calcite in vugs, dry.		Air core 1.5 to 6.5'.
5				WEATHERED LIMESTONE, very pale brown (10YR 7/4), brittle, fossiliferous, fractured, dry.		
				<i>Total depth = 6.5 feet.</i>		

* Analytical samples were taken in June 1995 due to exceeded holding times (VOC's only).

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: B29	BORING NUMBER: B29-SB3
CLIENT: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.
PROJECT: SHMU CLOSURE	DRILLING CONTRACTOR: CORE TERRA, INC.
LOGGED BY: K. TISCHLER/S. PEARSON	REF. LOGBOOK: 735903
BORING DEPTH (ft-BGL): 7.5	DRILLER: JIMMY MORENO
BORING ELEVATION (ft-MSL): NA	DRILLING RIG: MOBILE B-53
EAST COORDINATE: 536190	DRILLING METHOD: HOLLOW STEM AUGER/AIR ROTARY
NORTH COORDINATE: 3283340	SAMPLING METHOD: 2' SPLIT SPOON/5' AIR CORE
BEGIN DRILLING: 08/28/96 (1720)	END DRILLING: 08/28/96 (1800)

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PTD (feet)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	COMMENTS
0.5	/0.5		0	WEATHERED LIMESTONE, very pale brown (10YR 8/4), very friable, poorly consolidated, small fragments (less than pea gravel size), typically composed of forams, dry.		Hollow-stem auger and split-spoon sampling to 1.5'.
2	/4		0	LIMESTONE (wackestone), white (10YR 8/1), hard, bivalves/pelecypods (<2.5), spar calcite replacement, one large dissolution cavity (~2"), dry.		Air core 1.5 to 7.5'.
6	/3		0	LIMESTONE (packstone), light gray, hard, massive, forams common, pitted appearance, dry.		
8				Total depth = 7.5 feet.		

* Analytical samples were taken in March 2000 due to problems associated with ITS Laboratory.

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: B-29		BORING NUMBER: B29-SB4	
CLIENT: CAMP STANLEY STORAGE ACTIVITY		CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.	
PROJECT: SWMU CLOSURE		DRILLING CONTRACTOR: CORE TERRA, INC.	
LOGGED BY: S. PEARSON		REF. LOGBOOK: 735903	
BORING DEPTH (ft-BGL): 11.5		DRILLER: ROBERT HUBLER	
BORING ELEVATION (ft-MSL): NA		DRILLING RIG: MOBILE B-61 HDX	
EAST COORDINATE: 536154		DRILLING METHOD: AIR ROTARY	
NORTH COORDINATE: 3283261		SAMPLING METHOD: 5' SPLIT SPOON/AIR CORE	
BEGIN DRILLING: 08/29/96 (1630)		END DRILLING: 08/29/96 (1800)	

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (ppm)	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG	COMMENTS
0.9/2			24	0-1.7' CLAY and SILT, some sand, little fine gravel, dark grayish brown (10YR 4/2), roots, organic material, damp, loose, non-plastic.		Hollow-stem auger and split-spoon sampling to 4'.
0.9/2			2	2-4' Same as above, dry, stiff, higher percentage of clay, grades to silty clay at 3'.		
5				4-9' LIMESTONE, wackestone/packstone, pale yellow (2.5Y 8/2), massive, dry, pelecypods and gastropods (oysters & turrifella), fractured and weathered at 4', fossiliferous.		Air core 4 to 11.5'.
4/5			0			
10	2.2/ 2.5		0	9-11.5' As above, pale yellow (2.5Y 8/4), weathered, less dense, very fossiliferous, packstone, small gastropods.		
				Total depth = 11.5 feet.		

* Analytical samples were taken in June 1995 due to exceeded holding times (VOC's only).

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: B-29	BORING NUMBER: B29-SB5
CLIENT: CAMP STANLEY STORAGE ACTIVITY	CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.
PROJECT: SWMU CLOSURE	DRILLING CONTRACTOR: CORE TERRA, INC.
LOGGED BY: S. PEARSON	REF. LOGBOOK: 735903
BORING DEPTH (ft-BGL): 14	DRILLER: ROBERT HUBLER
BORING ELEVATION (ft-MSL): NA	DRILLING RIG: MOBILE B-61 HDX
EAST COORDINATE: 538199	DRILLING METHOD: AIR ROTARY
NORTH COORDINATE: 3283313	SAMPLING METHOD: 5' SPLIT SPOON/AIR CORE
BEGIN DRILLING: 08/29/96 (1145)	END DRILLING: 08/29/96 (1415)

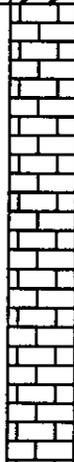
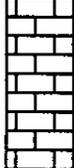
DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PTD (Depth)	LITHOLOGIC DESCRIPTION	USCS GRAPHIC LOG	COMMENTS
1.2/2	✓		2	FILL/SILT/SAND/CLAY, pale yellow (2.5Y 8/2), loose, non-plastic, little amount of trash.	ML	Hollow-stem auger and split-spoon sampling to 6'.
1.1/2			31	FILL, as above, some trash, wood, metal fragments, asphaltine matter.		Can see tree branches coming outside of hole, auger.
5 /2	✓		12	MARL, pale yellow (2.5Y 7/4), soft, plastic, trace of caliche, limestone nodules, damp.		
2.8/3			2	LIMESTONE (wackestone), pale yellow (2.5Y 8/2), fossiliferous, pelecypods, forams, massive.		Air core 6-14'.
10				No recovery.		Metal trash from fill above fell into borehole and clogged coring bit.
/2	✓		0	LIMESTONE (wackestone), as above, fossiliferous, dry.		
				LIMESTONE (wackestone), light gray (10YR 7/1), fossiliferous, massive, dry.		
				Total depth = 14 feet.		

* Analytical samples were taken in June 1995 due to exceeded holding times (VOC's only).

SOIL BORING LOG

CAMP STANLEY STORAGE ACTIVITY

SITE LOCATION: B29		BORING NUMBER: B29-SB6	
CLIENT: CAMP STANLEY STORAGE ACTIVITY		CONTRACTOR: PARSONS ENGINEERING SCIENCE, INC.	
PROJECT: SWMU CLOSURE		DRILLING CONTRACTOR: CORE TERRA, INC.	
LOGGED BY: K. TISCHLER/S. PEARSON		REF. LOGBOOK: 735903	
BORING DEPTH (ft-BGL): 7.3		DRILLER: ROBERT HUBLER	
BORING ELEVATION (ft-MSL): NA		DRILLING RIG: MOBILE B-61 HDX	
EAST COORDINATE: 536113		DRILLING METHOD: HOLLOW STEM AUGER/AIR ROTARY	
NORTH COORDINATE: 3283377		SAMPLING METHOD: 5' SPLIT SPOON/AIR CORE	
BEGIN DRILLING: 08/28/96 (1615)		END DRILLING: 08/28/96 (1650)	

DEPTH (feet)	SAMPLE RECOVERY	ANALYTICAL SAMPLE	PID (ppm)	LITHOLOGIC DESCRIPTION	GRAPHIC LOG	COMMENTS
0.5				CLAY/SILT/SAND.		Auger, few inches of soil then limestone.
2				LIMESTONE (wackestone), very pale brown (10YR 8/2), hard, massive, large pelecypods/bivalves (< ~2"), some sparry calcite replacement foraminifera (< 1/8"; chinaman's hat), occasional small vugs (< 1/4"), dry.		Air core .5-7.3'.
3/5						
4						
6				LIMESTONE (packstone), very pale brown (10YR 7/3), friable, can be broken by hand, extensive foraminifera (chinaman's hat), dry.		
7.3				Total depth = 7.3 feet.		
8						
10						
12						
14						

* Analytical samples were taken in March 2000 due to problems associated with ITS Laboratory.