

MACHINERY: Hand excavated		SURFACE ELEVATION: +42.5		DATE DRILLED: 10/13/07					
DEPTH to GROUNDWATER: Not encountered***		SIZE: 2'-6" x 4'-6"		LOGGED BY: LBK					
DESCRIPTION and CLASSIFICATION				DEPTH (Feet)	SAMPLER SYMBOL	PENETRATION RESISTANCE (Blows / Foot)	WATER CONTENT (%)	DRY DENSITY (PCF)	STRENGTH TESTS
REMARKS	COLOR**	FIRMNESS	SOIL GROUP						
(grass)			soft	0					
CLAY rocks, gravel (vitreous clay pipe fragments) (FILL) wet	Bag 16 → 2.5Y-2/0 black	firm	CL	1					
CLAY plastic (rock fragments) moist	Bag 17 → 2.5Y-4/3 olive brown	firm	CL	2					
CLAY plastic moist	Bag 18 → 7.5Y-4/4 dark brown	stiff	CL	3					
		very stiff		4					
SAND, very clayey (rock fragments) moist	Bag 19 → 7.5Y-4/6 strong brown	hard	SC	5					
Stratification lines, if shown, represent the approximate boundaries between soil and rock types; actual transitions are gradual unless noted or otherwise defined				6					
***Groundwater not encountered during excavating				7					
Bottom of test pit at -8.0 feet (approximate Elevation +34.5)				8					
**Munsell Color: hue-value/chroma				9					

Liquid Limit=32%  
Plastic Limit=16%  
Plasticity Index=16%

Pp = 2.0 tsf  
Tv = 2.5 tsf

Pp = Pocket Penetrometer  
Tv = Torvane

Passing #200 sieve=27.9%

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**EXPLORATORY TEST PIT LOG**

**SINAI SCHOOL & CHAPEL**  
Oakland

DATE  
November 2007

PROJECT  
207028

PIT NO. **4**