

MACHINERY: Hand Excavated		SURFACE ELEVATION: +44.5		DATE EXCAVATED: 10/20/07					
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						
AC (2.5"), aggregate base (2.5")				0					
CLAY, silty, slightly sandy <i>moist</i> Bag 20 →	10YR-2/1 black	firm	CL	1					
CLAY, silty <i>moist</i> Bag 21 →	10YR-3/4 dark yellowish brown	firm	CL	3		Pp = 1.1 tsf Tv = 1.5 tsf			
CLAY, gravelly <i>plastic</i> <i>moist</i> Bag 22 →	10YR 4/4 dark yellowish brown	stiff	CL	4					
SAND, silty, slightly clayey <i>moist</i> Bag 23 →	10YR-5/6 2.5YR-3/4 yellowish brown mottled dark reddish brown	very stiff	CL	5					
SAND, slightly clayey (pebbles, rocks) (rock fragments) <i>damp</i> Bag 24 →	2.5YR-3/4 dark reddish brown	hard	SC	7					
Bottom of test pit at -8.0 feet (approximate Elevation +36.5)				8					
***Groundwater not encountered during excavating		**Munsell Color: hue-value/chroma				Pp = Pocket Penetrometer Tv = Torvane			
Stratification lines, if shown, represent the approximate boundaries between soil and rock types; actual transitions are gradual unless noted or otherwise defined									

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**EXPLORATORY TEST PIT LOG**

**SINAI SCHOOL & CHAPEL**  
**Oakland**

DATE	PROJECT	PIT NO.	<b>5</b>
November 2007	207028		