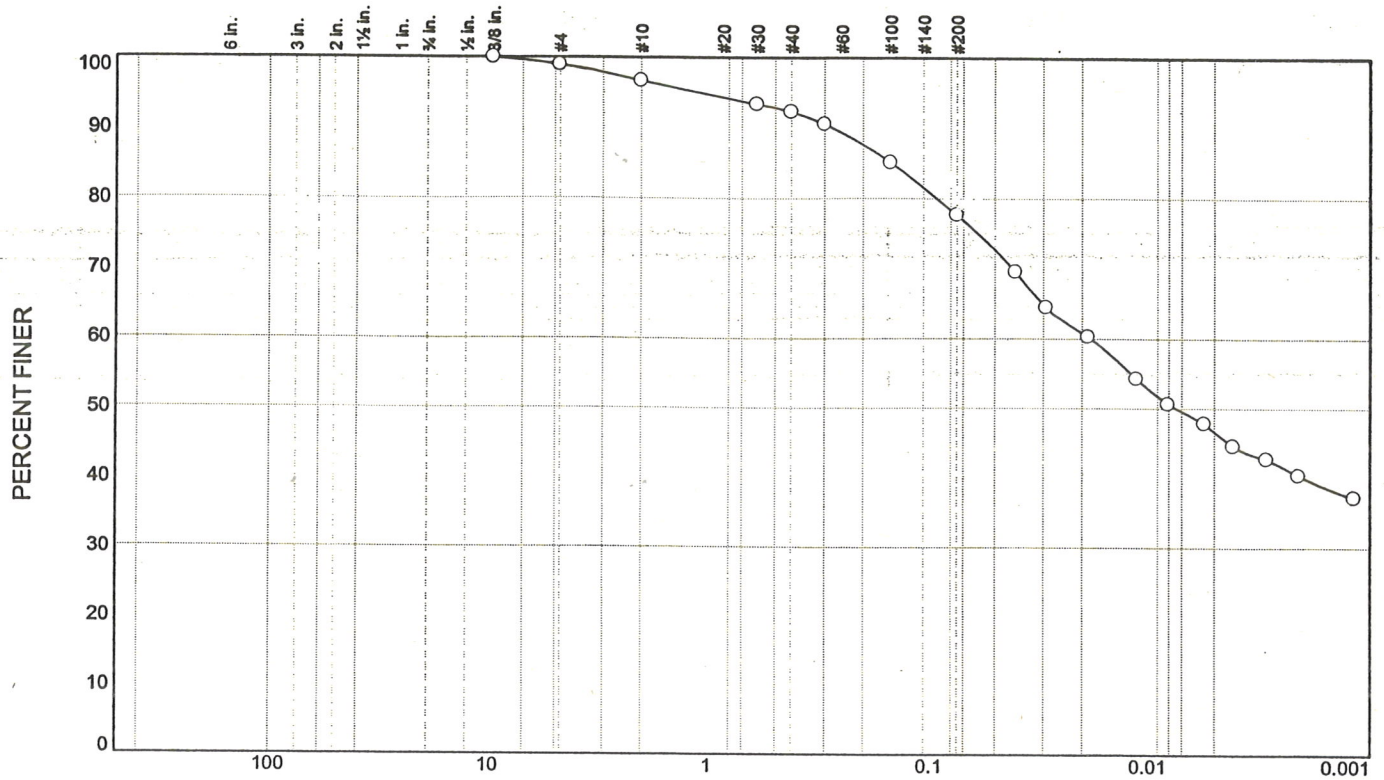


# Grain Size Distribution



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	1.1	2.2	4.4	14.6	31.0	46.7

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	98.9		
#10	96.7		
#30	93.4		
#40	92.3		
#50	90.5		
#100	85.1		
#200	77.7		
0.0402 mm.	69.5		
0.0291 mm.	64.4		
0.0188 mm.	60.3		
0.0112 mm.	54.3		
0.0081 mm.	50.6		
0.0055 mm.	47.8		
0.0041 mm.	44.6		
0.0029 mm.	42.7		
0.0021 mm.	40.4		
0.0012 mm.	37.2		

**Soil Description**

CLAY (see Exploratory Boring Log)

**Atterberg Limits**

PL= 15      LL= 48      PI= 33

**Coefficients**

D<sub>85</sub>= 0.1489      D<sub>60</sub>= 0.0182      D<sub>50</sub>= 0.0074  
D<sub>30</sub>=                  D<sub>15</sub>=                  D<sub>10</sub>=  
C<sub>u</sub>=                    C<sub>c</sub>=

**Classification**

USCS= CL                  AASHTO=

**Remarks**

\* (no specification provided)

Sample No.: Bag 5  
 Location:

Source of Sample: B-1

Date: 7/14/06  
 Elev./Depth: 6.0'

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PARTICLE SIZE		
Sterbentz Residence		
Slope Failure Investigation		
24 Saint Hill Road, Orinda		
DATE	PROJECT	FIGURE: <b>B</b>
July 2006	206036	