



Durability Index, Caltrans 229

CTL Job No.: _____ Boring: _____ Date: _____
Client: _____ Sample: _____ By: MD
Project Name: _____ Depth (ft): _____ Checked By: DC
Project No.: _____
Sample Description: Greenish Gray Poorly Graded GRAVEL

Gradation:		
Sieve	Incremental Weight Retained (lbs.)	% Retained (Of Specified Fractions)
1/2 inch	28.88	45.7
3/8 inch	26.19	41.5
No. 4	8.09	12.8
Passing No. 4	2.16	
Total	67.37	

Tests Performed:	
Coarse Durability Performed?:	Yes
Fine Durability Performed?:	No

Coarse Durability

Pan ID: _____		
Weights Used:		
Sieve	Incremental Weight Used (g)	Cumulative Weight Used (g)
1/2 inch	1070.0	1070.0
3/8 inch	570.0	1640.0
No. 4	910.0	2550.0

Sediment Column Height at 20 minutes:	39
Coarse Durability:	48

Fine Durability

Pan ID: _____	
Clay Reading at 20 minutes:	N/A
Sand Reading at 20 minutes:	N/A
Fine Durability:	N/A

Notes: If either the fine or coarse portion of the sample represents less than 15%, that portion shall not be tested.

Remarks: