Washington State Department of Transportation

Soil Sample Tests

Job No.	S.H. N.	Sample No.
		Lab. No.
Section		Bin No.
		Date Rec'd
Field Description		

Grading Analysis

WT Passing Retained	Fractions WT.	Fractions %	Passing Sieve	Passing %	%	As Used Size	As Used %
- 1 1/2"			1 1/2"				
1 1/2" - 1"			1"			3/4" - 3/8"	
1" - 3/4"			3/4"				
3/4" - 3/8"			3/8"			3/8" - No. 4	
3/8" - No 4			No. 4				
Pass No. 4			10			Pass No. 4	
Total			40				
Est. Fract.			200				
Date (Coarse)							
Data (Fine)						Textural Class	

Constants

	Liquid Limit	Plastic Limit	
Can No.			
Wet Wt.			
Dry Wt.			
Wt. H^2O			
% H^2O			
No. Blows			
L.L.			
P.L.			
P.I.			

HRB Class. Group Index Ph

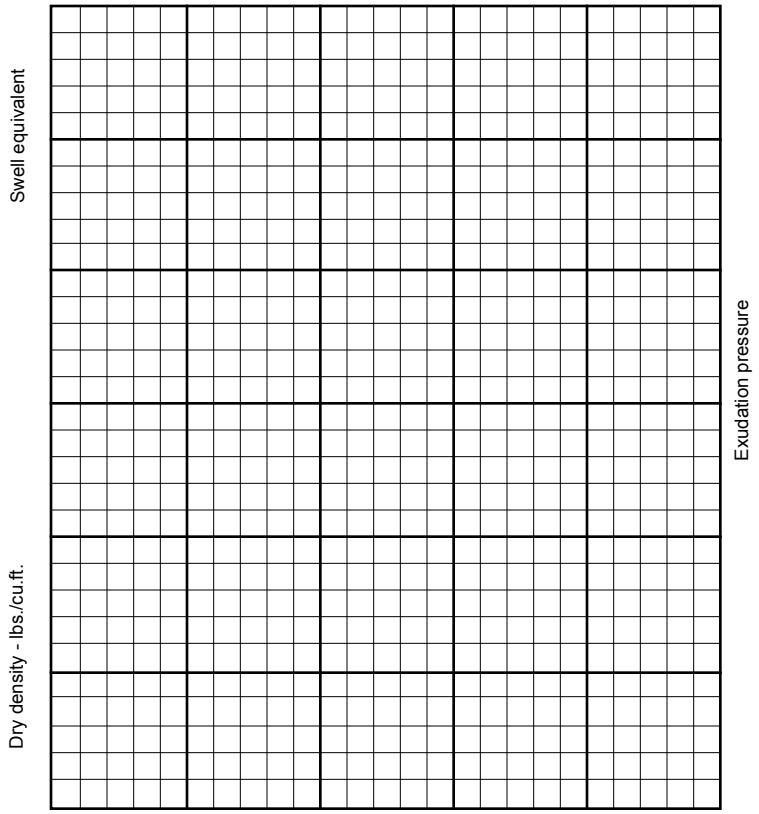
Stabilometer Test Data

cc. Temp. H^2O	A	B	C	D
cC. H^2O added				
%H^2O added				
Initial % H^2O				
Molding % H^2O				
Molding Density				
Compactor pressure				
No. Blows				
Wt. in mold				
Wt. in mold (soaked				
Wt. of mold				
Net wt. of soil				
Height				
Exudation pressure				
Swell pressure				
Drainage				
Stabil. "Ph" - 500 No.				
" - 1000 No.				
" - 2000 No.				
Displacement "D"				
"R" value				
Gravel Equivalent				
Swell Equivalent				

Req"d Surf. Depth: By "R" _____ By Swell _____

Moisture-Density (AASHO T-99-57)

Hyg. Water Cont.	%		Date			
Can No.						
Est. % H^2O						
Spec. wt.						
Wet. wt.						
Dry wt.						
Wt. H^2O						
% H^2O						
Dry density						



Water content _____%

Gravel equivalent

Traffic Index

Req"d Surf. Depth: By "R" _____

Swell Pressure: _____ psi

Surfacing Depth: _____

Remarks:

Lab No.	Bin No.

DOT Form 351-007 EF
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