

Solid Base Stabilizer (SBS) Test Result



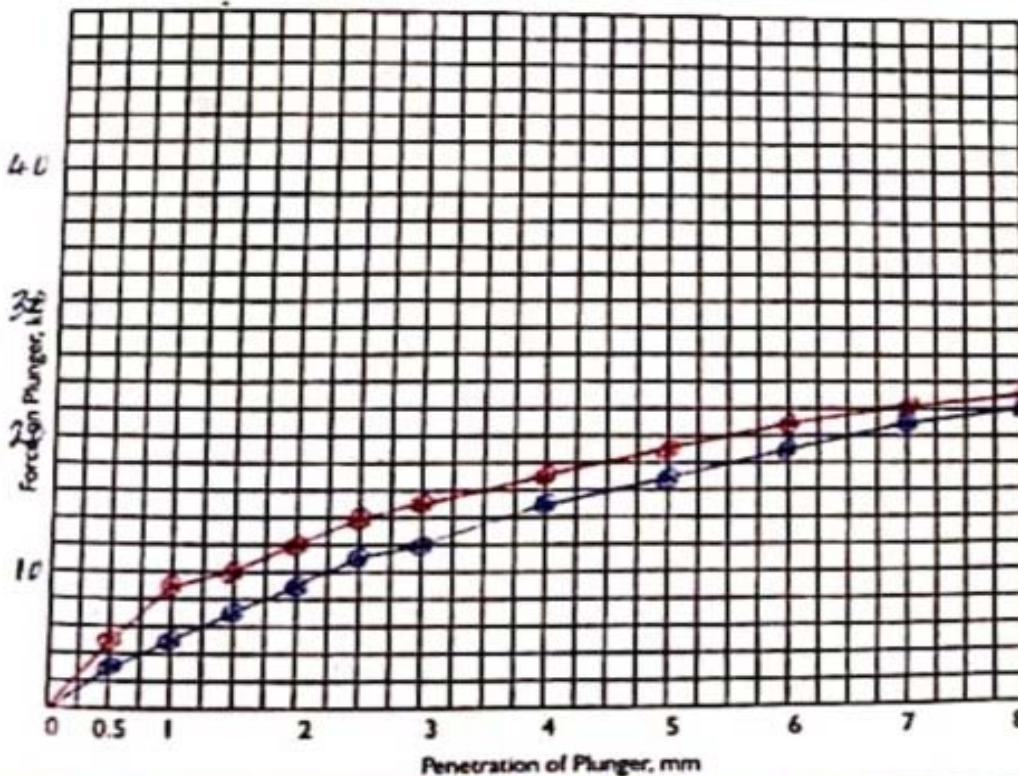
CALIFORNIA BEARING RATIO TEST

Project: Waterproof Site Location: _____
 Chart No.: _____ Boring No.: _____
 Description of Soil: Stabilized material with AXION Stabilizer Sample No.: _____
 Test performed by: _____ Date of Test: 31-5-2013

TEST DATA

Density Determination		Moisture Content		Proctor Information		
Mold No.	11	Can No.	47	69	Method	
Wt. of Wet Soil + mould (g)	12537	Wt. of Soil + Can	95.1	95.4	O.M.C	
Wt. of Mould (g)	5686	Wt. of Dry Soil + Can	86.8	87.1	MDD	
Wt. of wet sample (g)	4821	Wt. of Water	8.3	8.3		
Volume of Mould (cm ³)	2302	Wt. of Can	36.1	36.3	PRF	0.222
Wet Density (g/cm ³)	2.14	Wt. of Dry sample	50.8	50.8	Piston Area	19.4
Moisture Content %	16.2	Moisture content	16.3	16.2		
Dry Density (g/dm ³)	1.80					

Penetration mm.		0.5	1	1.5	2	2.5	3	4	5	6	7	8
Top	Dial Reading	13.9	22.4	31.2	40.0	49.8	59.6	66.1	76.4	84.6	92.5	99.6
	Force KN	5.68	4.97	6.53	8.55	11.1	12.3	14.7	17.0	18.8	20.5	22.1
Bottom	Dial Reading	21.3	38.4	45.6	55.0	63.5	68.9	77.6	85.5	92.4	98.0	105.0
	Force KN	6.77	7.52	10.1	12.2	14.1	15.3	17.2	19.0	20.5	21.9	23.3



Expansion After Soak	
Initial Reading	
Final Reading	
Expansion	
Expansion After Soak %	

Period of Soaking

Results	
Moist. Cont. before Soaking %	
Moist. Cont. after Soaking %	
Dry Density g/cm ³	
Expansion after Soaking %	T.P. 60204
C.B.R @ 2.5 mm	83.8 106.5
C.B.R @ 50 mm	85.2 75.2
Ave C.B.R	166.5

Date: 6/13
Tested by: ADS
Checked by: _____
Client Rep. _____