



R-value Test Report (Caltrans 301)

Job No.:	Date:	Initial Moisture,	8.1
Client:	Tested PJ	R-value	80
Project:	Reduced RU	Expansion Pressure	0 psf
Sample:	Checked DC		
Soil Type: Olive GRAVEL w/ Silt & Sand			

Specimen Number	A	B	C	D	Remarks:
Exudation Pressure, psi	186	800	521	312	
Prepared Weight, grams	1200	1200	1200	1200	
Final Water Added, grams/cc	57	35	45	50	
Weight of Soil & Mold, grams	3117	3134	3126	3116	
Weight of Mold, grams	2076	2105	2084	2084	
Height After Compaction, in.	2.39	2.41	2.42	2.38	
Moisture Content, %	13.2	11.2	12.1	12.6	
Dry Density, pcf	116.6	116.4	116.4	116.8	
Expansion Pressure, psf	0	0	0	0	
Stabilometer @ 1000					
Stabilometer @ 2000	20	14	16	18	
Turns Displacement	4.63	4.35	4.40	4.58	
R-value	78	85	83	80	

