



KASETSART UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING, GEOTECHNICAL ENGINEERING LABORATORY

CBR TEST (ASTM D 1883)

For: BANGKHEN
 Project: ROAD NO.2
 Station No _____
 Depth _____

Soil Description: หินกลุ่ก
 $G_s =$ _____

Tested by: _____

Date: 10/5/2004

Compaction Method	Modified
Weight of Hammer	lb
No. of Layers	5
Height of Drop	18

Optimum Water Content

Mould

Diameter	15.20	cm
Height	12.82	cm

COMPACTION	Test No.	1	2	3
No. of Blows Per Layer		12	25	56
Weight of Air Dry Soil Used	g			
Water Content of Air Dry Soil	%			
Amount of Water Added	cc			
Mount No.				
Weight of Wet Soil + Mould	g	9785	10395	9380
Weight of Mould	g	4080	4730	4060
Weight of Wet Soil,W	g	5705	5665	5320
Volume of Mould,V	cm ³	2326.30	2326.30	2326.30
Wet Density,	g/cm ³	2.452	2.435	2.287
Dry Density,	g/cm ³	2.299	2.245	2.126

WETER CONTENT	Before Soaking			After Soaking		
	12	25	56	12	25	56
Test No.						
Container No.	A	B	C	A	B	C
Weight of Wet Soil+Container	g 193.84	196.18	162.34	190.30	201.82	149.37
Weight of Dry Soil+Container	g 183.36	182.8	155.32	177.52	189.51	143.11
Weight of Water	g 10.48	13.38	7.02	12.78	12.31	6.26
Weight of Container	g 26.67	24.77	25.55	26.67	24.77	25.5
Weight of Dry Soil	g 156.69	158.03	129.77	150.85	164.74	117.61
Water Content,w	% 6.69	8.47	7.58	8.47	7.47	7.97

- Remarks: 1) Certification applies to test samples only.
 2) Information under "For", "Project", are supplied by client. These are not certified.
 3) This certificate is invalid without appropriate signature and seal.