



KASETSART UNIVERSITY

DEPARTMENT OF CIVIL ENGINEERING, GEOTECHNICAL ENGINEERING LABORATORY

TOTAL UNIT WEIGHT TEST

PROJECT CHANGI HANGER OWNER _____ JOB NO. 1
LOCATION SINGAPORE BORING NO. 1 SAMPLE NO. 1
SOIL DESCRIPTION GRAY SILTY CLAY DEPTH 6.70-7.20 m.
TEST BY _____ S.K

DATA RING

NO		1	2	3
DIAMETER	cm	4.80	4.80	4.80
HIGH	cm	2.01	2.02	2.00
VOLUME	cm ³	36.37	36.55	36.19
AVERAGE VOLUME	cm ³	36.37		

DATA TOTAL UNIT WEIGHT

NO		1	2	3
NO RING		1	1	1
WEIGHT RING + SOIL	cm ³	69.27	69.79	
WEIGHT RING	cm	11.78	11.78	
WEIGHT SOIL	cm	57.49	58.01	
VOLUME RING	cm ³	36.72	36.37	
TOTEL UNIT WEIGHT	g/cm ³	1.58	1.96	
AVERAGE TOTEL UNIT WEIGHT	kN/m ³	15.57		