

### KASETSART UNIVERSITY

# DEPARTMENT OF CIVIL ENGINEERING, GEOTECHNICAL ENGINEERING LABORATORY UNCONFINED COMPRESSION TEST (ASTM D2166)

PROJECT		BORING NO.	DATE				
SOIL DESCRIPTION		SAMPLE DEPTH	PROVING RING NO.				
LOCATION		SAMPLE NO.	LOADING RATE			3 RATE	
TEST BY		PROVING RING C	DNSTANT (K) Kg/DIV				
SAMPLE DIAMETER	mm.		WEIGHT O	F SAMPLE	g.		
SAPLE AREA	cm <sup>2</sup>		WATER CONTENT		%		
SAMPLE HEIGHT	mm.		WET UNIT WEIGHT		g/cm <sup>3</sup>		
SAMPLE VOLUME	cm <sup>3</sup>		DRY UNIT	WEIGHT	g/cm <sup>3</sup>		
DEFORMATION DIAL	VERTICAL DEFORMATION	AXIAL STRAIN	CORRECTED	LOAD PROV	'ING	AXIAL LOAD	VERTICAL
READING (DIV)	mm.	(%)	AREA (cm <sup>2</sup> )	RING READING	G (DIV)	(Kg)	STRESS (KSC)



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DESCRIPTION		UNDISTURBED	REMOLDED	FAILURE MODE (UNDISTURBED)
UNDRAINED SHEAR STRENGTH (Su = $q_u/2$ ) ,ksc				
WATER CONTENT	%			
WET UNIT WEIGHT	g/cm3			
DRY UNIT WEIGHT	g/cm3			
STRAIN AT FAILURE	%			
SENSITIVITY				
ELASTIC MODULUS				

# UNCONFINED COMPRESSION TEST VERTICAL DEFORMATION (cm)

Approved by:
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Remark: 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.