

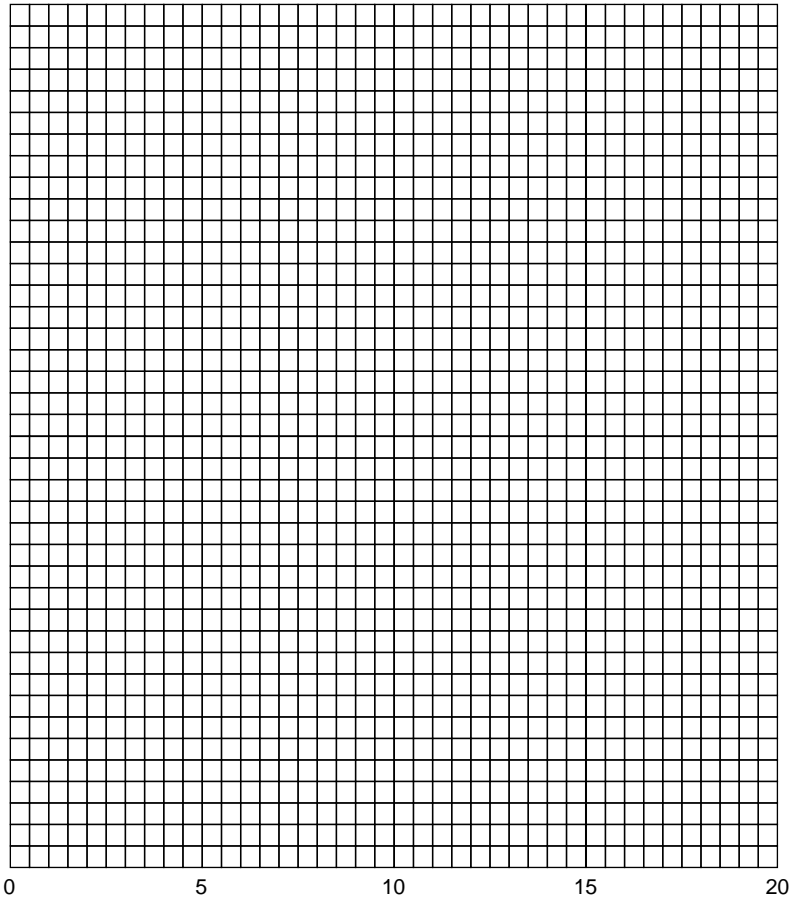
U.S. Army Corps of Engineers (USACE)
UNCONFINED COMPRESSION TEST REPORT

For use of this form, see EM 1110-2-1906; the proponent agency is CECW-EC.

Purpose: To measure the unconfined compressive strength of a cohesive soil

FAILURE SKETCHES

COMPRESSIVE STRESS, T/SQ FT



CONTROLLED STRESS

CONTROLLED STRAIN

0 5 10 15 20
 AXIAL STRAIN, %

TEST NO.					
TYPE OF SPECIMEN					
INITIAL	WATER CONTENT	w_o	%	%	%
	VOID RATIO	e_o			
	SATURATION	S_o	%	%	%
	DRY DENSITY, LB/CU FT	Y_d			
TIME TO FAILURE, MIN		t_f			
UNCONFINED COMPRESSIVE STRENGTH, T/SQ FT		q_u			
UNDRAINED SHEAR STRENGTH, T/SQ FT		s_u			
SENSITIVITY RATIO		S_t			
INITIAL SPECIMEN DIAMETER, IN.		D_o			
INITIAL SPECIMEN HEIGHT, IN.		H_o			

CLASSIFICATION			
LL	PL	PI	Gs

REMARKS	PROJECT		
	AREA		
	BORING NO.		SAMPLE NO.
	DEPTH EL		DATE