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U.S. Army Corps of Engineers (USACE)

AXIAL LOADING DATA

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

Purpose: Use this form to document triaxial compression (Q and R) tests using axial loading data.

1. Project		2. Date
3. Boring Number	4. Sample Number	5. Test Number
6. Type of Test:	7. Confining Pressure:	T/sq. ft.

8. Test Data - (*Note that columns a. thru f. repeat for additional continued entries*)

a.	*b.*	c.	d.	e.	f.	g.	h.	i.
Time *(0001-2400 hours)*	Elapsed Time Minutes	Dial Reading 10" in.	Cumulative Change (ΔH) 10" in.	P Axial Load lb.	Axial Strain * E = ΔH/H 10" in.	1 - E	A_{corr} = A **/1-e sq. cm.	Deviator Stress = (P/A_{corr}) x 0.465 tons/sq ft

* Use H_o for Q Tests and H_c for R Tests

** Use A_o for Q Tests and A_c for R Tests

H_o _____ cm. = _____ in. A_o _____ sq. cm.

H_c _____ cm. = _____ in. A_c _____ sq. cm.

9. Test Time To Failure _____ Minutes	10. Type Failure _____ Minutes

11. Remarks

12a. Technician (*Last, First Mi*)	b. Date	c. Technician's Signature