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U.S. Army Corps of Engineers (USACE)

CONSOLIDATION TEST

(Computation of Void Ratios)

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

1. DATE *(YYYY-MM-DD)*

Purpose: The purpose of this form is to document consolidation tests.

2. PROJECT

3. BORING NUMBER	4. SAMPLE NUMBER	5. CONSOLIDOMETER NUMBER

6. PRESSUREW, p T/SQ. FT.	a. DATE *(YYYY-MM-DD)* INCREMENT APPLIED	b. TIME IN MINUTES INCREMENT EFFECTIVE	c. DIAL READING 10^{-4} INCHES	d. CORRECTION 10^{-4} INCHES	e. CHANGE IN HEIGHT, $\Delta H\ 10^{-4}$ INCHES	f. HEIGHT OF VOIDS, $H_V\ 10^{-4}$ INCHES	g. VOID RATIO, e

NOTE: HEIGHT OF VOIDS, $H_V = (H - H_S) - \Delta H =$

VOID RATIO, $e = \frac{H_V}{H_S}$

7a. TECHNICIAN *(Last, First MI)*	b. DATE *(YYYY-MM-DD)*	c. TECHNICIAN'S SIGNATURE

8a. COMPUTED BY *(Last, First MI)*	b. DATE *(YYYY-MM-DD)*	c. COMPUTED BY SIGNATURE	9a. CHECKED BY *(Last, First MI)*	b. DATE *(YYYY-MM-DD)*	c. CHECKED BY SIGNATURE