

### SWELL TEST REPORT

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

1. DATE (YYYYMMDD)

2. PROJECT

3. BORING NUMBER	4. SAMPLE NUMBER	5. DEPTH (Elevation)
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6. TYPE OF SPECIMEN	18. TYPE OF SWELL TEST
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7. DIAMETER (Inches)	8. HEIGHT (Inches)	19. BEFORE TEST	20. AFTER TEST
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9. OVERBURDEN PRESSURE, $P_o$	TSF	a. WATER CONTENT, $w_o$	a. $w_o$
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10. SWELL PRESSURE, $p_s$	TSF	b. VOID RATIO, $e_o$ AT $p_o$	%	b. $e_f$
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11. SWELL INDEX, $C_s$	c. SATURATION, $S_o$	%	c. $S_f$
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12. SWELL AT $p_o$ , $\frac{\Delta H}{H}$	%	d. DRY DENSITY, $\gamma_d$	lb/ft <sup>3</sup>	d.
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13. CLASSIFICATION	e. $k_{20}$ AT $p_o =$ _____ x 10 <sup>-</sup> _____ cm/sec
14. LL	15. $G_s$
16. PL	17. $D_{10}$

21. REMARKS

22. GRAPH COEFFICIENT OF PERMEABILITY  $k_{20}$ , 10<sup>-</sup> CM/SEC

