

TRIAXIAL COMPRESSION (S) TEST AXIAL LOADING DATA

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

| PROJECT | | | | | | | DATE (YYYYMMDD) | | | | |
|--|----------------------------|---|---------------------------|---------------------------------|---------------------------|---|-----------------|--------|--|---|--------------|
| BORING NUMBER | | | SAMPLE NUMBER | | | TEST NUMBER | | | | | |
| SPECIMEN NUMBER | | | | | CONSOLIDATION PRESSURE | | | | | | tons/sq. ft. |
| DATE (YYYYMMDD) TIME (0001-2400) | DIAL READING 10" in. | CUMULATIVE CHANGE (ΔH) 10" in. | BURETTE READING cc. | VOLUME CHANGE (ΔV) cc. | P AXIAL LOAD lb. | AXIAL STRAIN $E = \frac{\Delta H}{H_c}$ | CE | 1 - CE | A' corr = $\frac{A_c}{1 - CE}$ sq. cm. | STRESS = X 0.465 P/A' corr. tons/sq. ft. | |
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AREA OF SPECIMEN AFTER TEST, $A_f =$ _____ sq. cm. AXIAL STRAIN AT END OF TEST, $E_e =$ _____

AREA OF SPECIMEN END OF TEST, $A_e = \frac{A_c}{1 - E_e} =$ _____ sq. cm. $C = \frac{A_f}{A_e} =$ _____

TEST TIME TO FAILURE, $t_f =$ _____

REMARKS

| | |
|-----------------|------------|
| DATE (YYYYMMDD) | TECHNICIAN |
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