LABORATORY NO. _____

NRCS–ENG–355A (Rev 3–70)
FILE CODE ENG–22

MATERIALS TESTING REPORT	U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	TRIAXIAL SHEAR TEST

PROJECT and STATE			SAMPLE LOCATION
FIELD SAMPLE NO.	DEPTH	GEOLOGIC ORIGIN	
TYPE OF SAMPLE	TESTED AT	APPROVED BY	DATE

INDEX TEST DATA

USCS _____; LL _____; PL _____

% FINER (mm): 0.002 _____; 0.005 _____;
0.074 (#200) _____

Gs (–#4) _____; Gs (+#4) _____

STANDAR: γ_d MAX. _____ pcf; w_o _____ %

MODIFIED: γ_d MAX. _____ pcf; w_o _____ %

SPECIMEN DATA

HEIGHT _____"; DIAMETER _____"

MATERIALS TESTED PASSED _____ SIEVE

METHOD OF PREPARATION _____

_____

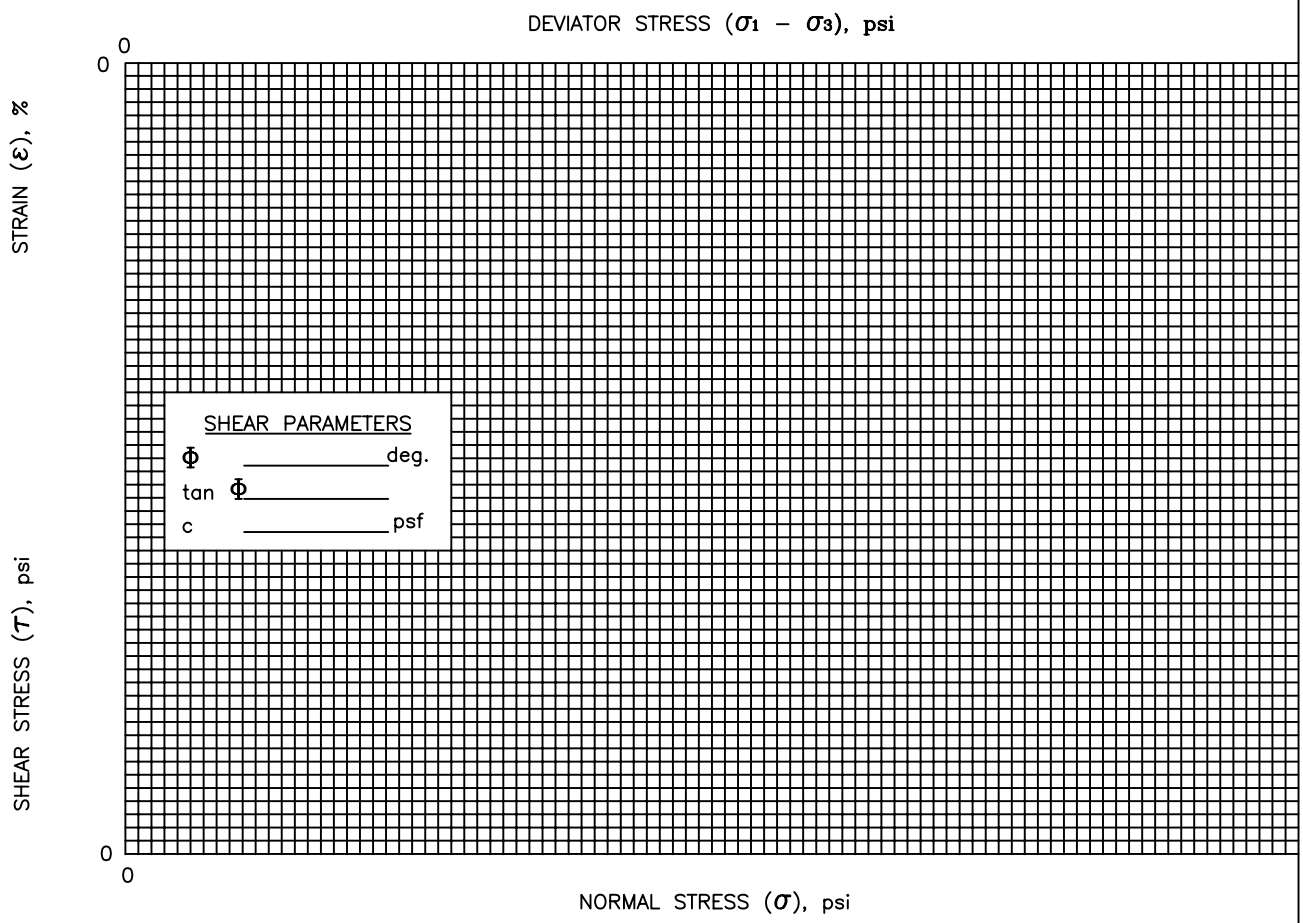
MOLDING MOISTURE _____ %

MOLDED AT _____ % OF γ_d MAXIMUM

TYPE OF TEST

UU ☐
CU ☐
$\overline{CU}$ ☐
CD ☐

DRY DENSITY			MOISTURE CONTENT, %			TIME OF CONSOLI–DATION (hrs.)	MINOR PRINCIPAL STRESS σ_3 (psi)	DEVIATOR STRESS $\sigma_1 - \sigma_3$ (psi)	AXIAL STRAIN AT FAILURE, ε (%)
INITIAL pcf ☐ g/cc ☐	CONSOLI–DATED pcf ☐ g/cc ☐		START OF TEST	DEG. OF SAT. AT START OF TEST	END OF TEST				



SHEAR PARAMETERS

Φ _____ deg.

tan Φ _____

c _____ psf

REMARKS