TRIAXIAL TEST DATA SHEET

PROJECT & SAMPLE DATA

Project number: _____ Date: _____

Client: _____

_____

Project: _____

_____

Sample Location: _____

_____

Sample Description: _____

_____

Type of Sample: (Undisturbed, Remolded, etc.) _____

Liquid Limit= _____ Plastic Limit= _____

Remarks: _____

_____

_____

Fig no.: _____ 2nd page Fig no. (if applicable): _____

TEST PROCEDURE OPTIONS

Test Type: ❑ UU ❑ CU ❑ CU w/pore pressures ❑ CD

Deformation Dial Constant: _____

Specimen parameter calculation method: ❑ ASTM method A ❑ ASTM method B
❑ ASTM B w/ Saturation Estimate ❑ CORPS uniform strain
❑ CORPS saturation assumed ❑ CORPS uniform strain w/saturation assumed

Staged test method: ❑ YES ❑ NO

TRIAXIAL TEST DATA SHEET

SPECIMEN DATA

Project number: _____ Date: _____

Test Specimen number: _____ Tested by: _____

Sample Data

	Initial	Final
Moist soil & tare	_____	_____
Dry soil and tare	_____	_____
Tare	_____	_____
Moisture content	_____	_____

	Saturation	Consolidation
Change in height (initial - final)	_____	_____
Change in water volume (initial - final)	_____	_____

Moist weight =_____

Specific gravity =_____

Diameter @ top =_____
Diameter @ center =_____
Diameter @ bottom =_____ Average diameter =_____

Height 1 =_____
Height 2 =_____
Height 3 =_____
Height 4 =_____ Average height =_____

Wet density =_____
Dry density =_____
Saturation =_____
Void ratio =_____

Estimated final saturation =_____

TRIAXIAL TEST DATA SHEET

READINGS DATA

Project number: _____ Date: _____

Test Specimen number: _____ Tested by: _____

Primary LRC =_____ Secondary LRC =_____ Crossover =_____

Cell press. =_____ Back press.=_____ Rate of strain =_____

Membrane modulus =_____ Membrane thickness =_____

Filter paper coefficient =_____ Filter paper coverage =_____

READINGS

Time	Deformation Dial Reading	Load Dial Reading	Pore Press. or Outflow Buret	Time	Deformation Dial Reading	Load Dial Reading	Pore Press. or Outflow Buret
(Initial)							

TRIAXIAL TEST DATA SHEET

READINGS

(continued)

Project number: _____ Date: _____

Test Specimen number: _____ Tested by: _____

Time	Deformation Dial Reading	Load Dial Reading	Pore Press. or Outflow Buret	Time	Deformation Dial Reading	Load Dial Reading	Pore Press. or Outflow Buret

DIRECT SHEAR TEST DATA SHEET

PROJECT DATA

Project number: _____ Date: _____

Client: _____

_____

Project: _____

_____

Sample Location: _____

_____

Sample Description: _____

_____

Type of Sample: (Undisturbed, Remolded, etc.)_____

Liquid Limit=_____ Plastic Limit=_____

Remarks: _____

_____

_____

Strain Dial Constants, Horizontal: _____ Vertical: _____

DIRECT SHEAR TEST DATA SHEET

SPECIMEN and READINGS DATA

Project number: _____ Date:

_____

Specimen number: _____ Tested by:

_____

Normal load: _____ Normal stress: _____

	Initial	Final
Moist soil & tare	=_____	=_____
Dry soil and tare	=_____	=_____
Tare	=_____	=_____
Moisture content	=_____	=_____

Decrease in height during consolidation =_____

Moist weight	=_____	Moist density	=_____
Specific gravity	=_____	Dry density	=_____
Diameter/Side	=_____	Saturation	=_____
Height	=_____	Void ratio	=_____

LRC1= _____ LRC2 = _____ Crossover Reading = _____

Strain rate =_____

Time	Horizontal Dial	Load Dial	Vertical Dial	Time	Horizontal Dial	Load Dial	Vertical Dial

UNCONFINED COMPRESSION TEST DATA SHEET

Date: _____ Project number: _____

Test Specimen number: _____ Tested by: _____

Client: _____

Project: _____

Sample Location: _____

Sample Description: _____

Type of Sample: (Undisturbed, Remolded, etc.) _____

Specific Gravity=_____ Liquid Limit=_____ Plastic Limit=_____

Remarks: _____

Strain Dial Constant: _____

Primary LRC: _____

Secondary LRC: _____ Crossover Reading: _____

Moist soil & tare =_____

Dry soil and tare =_____

Tare =_____ Moisture content =_____

Diameter =_____

Height =_____ Moist density =_____ Saturation =_____

Moist weight =_____ Dry density =_____ Void ratio =_____

Rate of strain = _____

Deformation Dial Reading	Load Dial Reading

Deformation Dial Reading	Load Dial Reading

Deformation Dial Reading	Load Dial Reading