


### LABORATORY TEST ASSIGNMENT AND TRACKING SHEET


Project Name: \_\_\_\_\_ TerraSense Project Number: \_\_\_\_\_  
 Client Number: \_\_\_\_\_ Assigned by: \_\_\_\_\_ Date Assigned: \_\_\_\_\_  **Any known or suspected contamination of the material?**  
 Report to: \_\_\_\_\_ Office: \_\_\_\_\_ Due Date: \_\_\_\_\_ (yes or no) If yes, HASP required for testing to proceed.


SAMPLE IDENTIFICATION				INDEX TESTS											ENGINEERING PROPERTY TESTS															
Exploration (1) Number	Sample Number	Sample (2) Depth (ft)	Sample Type (3)	Visual Classification	Water Content	Liquid & Plastic Limits	Sieve Analysis	Sieve and Hydrometer	% Fines (#200)	Specific Gravity	Compaction (4)	Organic Content	Tube Unit Weight and Consistency			Lab Vane (4)	Permeability (4)	Consolidation (4)	Direct Shear (4)	Unconfined Compression	Unconsolidated (4) Undrained Triaxial	Consolidated (4) Undrained Triaxial	Consolidated (4) Drained Triaxial	Cyclic Triaxial (4)	Simple Shear (4)	Cyclic (4) Simple Shear				
				D2488 VC	D2216 w	D4318 PI	D422 SA	D422 MA	D1140 WA	D854 Gs	D698 or D1557 CP	D2974 ORG	D2937 UW			D4648 LV	D5084 D2434	D2435 CON	D3080 DS	D2166 UC	D2850 UU	D4767 CUTX		CDTX	D3999 D5311 CyTX	DSS	CybSS			


**NOTES:** 1. Exploration Number – designation for boring, test pit, etc. 2. Give range or average depth. 3. See reverse for details 4. Additional instructions required, such as compactive effort, See reverse for details.

**Key:** Test Status Key (shown by symbol or letter key):  
Guide to Test Specifications and Instructions

  
TEST ASSIGNED

  
TEST IN PROGRESS

  
TEST COMPLETED

  
TEST FINALIZED

Relinquished by: _____	Date: _____	Received by: _____	Track# _____	Date: _____	Received at lab by: _____	Date: _____
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(3) KEY TO SAMPLE TYPES

- B Bulk
- J Jar
- T Tube
- BL Block
- C Core
- O Other

(4) KEY TO TEST TYPES AND REQUIRED TEST INFORMATION

**INDEX PROPERTY**

VC	Visual classification
w	Water content
PI	Liquid and plastic limits
SA	Sieve analysis
MA	Sieve and Hydrometer analysis (R=3 Hydrometer pts, F= full)
WA	Wash analysis or percent fines(-#200) determination
G <sub>s</sub>	Specific gravity. Specify scalping sieve.
CP	Compaction. Specify: Standard or modified effort, Optional: method A, B, or C, moist or dry preparation
ORG	Organic. Specify if other than burnoff at 440°C
UW	Tube Unit Weight. Specify if TV or PP required.
w/DUW	Water content and dry unit weight
	Chemical. Specify: test(s) desired, i.e. pH, soluble salt, conductivity, etc.
	Specify: Dispersion, pinhole, crumb, dissolved salts, double hydrometer

**ENGINEERING PROPERTY**

LV	Lab Vane. Specify if stress-rotation measurements required.
K	Permeability. Specify consolidation stress, effort or water content and density for reconstituted specimen, Fixed or Flexible Wall.
CON	Consolidation. Specify Incremental or CRS. Note water table depth or P' <sub>o</sub> estimate.
DS	Direct Shear. Specify vertical consolidation stress(es).
UC	Unconfined compression.
UU	Unconsolidated Undrained Triaxial Compression. Specify Chamber Pressure.
CUTX	Consolidated Undrained Triaxial. Specify: Consolidation stress, Compression or extension.
CDTX	Consolidated Drained Triaxial. Specify: Consolidation stress, Compression or extension.
CyTX	Cyclic Triaxial. Specify: Consolidation stress, Strength (with stress ratio) or Property.
DSS	Direct Simple Shear. Specify consolidation stress(es).
CyDSS	Cyclic Direct Simple Shear. Specify: consolidation stress(es), stress ratio.
PG	Photograph: Specify section or features of interest.

TEST INSTRUCTIONS AND INFORMATION CONTINUED

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