

**2008 NACTA SOILS JUDGING SCORECARD
2 YEAR DIVISION**

SITE NO. _____

TEAM # _____

Describe _____ Horizons to a depth of _____ cm.

CONTESTANT NAME _____

Blue marker in 3rd layer at _____ cm.

COLLEGE/UNIVERSITY _____

TOTAL SCORE _____

PART I

Horizon / Layer	Lower Depth (cm) (2)	Boundary Distinctness (2)	Moist Consistence (2)	Accumulations or Mottles (2)	Coarse Fragments (2)	Texture (5)	Color (5)	Structure (5)	SCORE
1.									
2.									
3.									
4.									
5.									
Use abbreviations for all columns except depth.	Record lower depth in cm	Abrupt (A) Clear (C) Gradual (G) Diffuse (D) None (-)	Loose (L) Very Friable (VFR) Friable (FR) Firm (FI) Very Firm (VFI) Extremely Firm (EFI)	None (-) Black (B) Red (R) Gray (G) White (W) List all that apply	None (-) Gravelly (GR) Very Gravelly (VGR) Extremely Gravelly (EGR)	S, LS, SL, L, SI, SIL, CL, SICL, SCL, SC, SIC, C	Dark (D) Medium & Bright (MB) Medium & Dull (MD) Light (L)	GR, PL, SBK, ABK, PR, CO, MA, SGR	

SCORE PART I _____

II. SITE AND SOIL CHARACTERISTICS

A. Local Landform (5)

- Floodplain
- Stream terrace
- Upland

B. Parent Material (5 each)

- Recent Alluvium
- Old Alluvium
- Residuum

C. Slope Profile (5)

- Concave
- <1%
- 1-4.9%
- 5-9.9%
- 10-14.9%
- 15-20%
- >20%

D. Degree of Erosion (5)

- Deposition
- None to Slight (Class I)
- Moderate (Class II)
- Severe (Class III)
- Very Severe (Class IV)

E. Surface Runoff (5)

- Negligible
- Very Low
- Low
- Medium
- High
- Very High

F. Soil Drainage Class (5)

- Well
- Moderately well
- Somewhat poorly
- Poorly

G. Effective Soil Depth (5)

- Very deep (> 150 cm)
- Deep (100-150 cm)
- Moderately Deep (50-99 cm)
- Shallow (25-49 cm)
- Very Shallow (< 25 cm)

H. Permeability/Surface (5)

- Slow
- Moderate
- Rapid

I. Permeability/Limiting (5)

- Slow
- Moderate
- Rapid

J. Water Retention Difference (5)

- Very low (< 7.5 cm)
- Low (7.5-14.9 cm)
- Moderate (15-22.5 cm)
- High (> 22.5 cm)

III. INTERPRETATIONS

A. Land Capability Class (5)

- Class I
- Class II
- Class III
- Class IV
- Class V
- Class VI
- Class VII
- Class VIII

B. Land Capability Subclass (5)

- e - Subclass
- w - Subclass
- s - Subclass
- c - Subclass
- No Subclass

C. Roadfill (10)

- Good
- Fair
- Poor
- _____ Most restrictive feature

D. Septic Tank Absorption Fields (10)

- Slight
- Moderate
- Severe
- _____ Most Restrictive Feature

E. Sewage Lagoons (10)

- Slight
- Moderate
- Severe
- _____ Most Restrictive Feature

Tie Breaker (Surface)

% clay _____

% sand _____

Score Parts II & III _____