

SCORE CARD
 REGION IV COLLEGIATE SOIL JUDGING
 OKLAHOMA STATE UNIVERSITY
 Oct. 22-26, 2018

Score	Part 1:	
	Part 2:	
	Part 3:	
	Part 4:	
	Total:	

SITE NUMBER _____
 ID _____

CONTESTANT

PART 1. SOIL MORPHOLOGY

Describe _____ mineral horizons within a depth of _____ cm

Horizon				Lower Depth (cm) (2)	Bound Distinct. (2)	Clay % (2)	Texture (4)	Color			Redoximorphic Features		Structure		Efferves. Class (2)
Mas. (2)	Prefix (2)	Sub. (2)	No. (2)					Hue (2)	Val. (2)	Chr. (2)	Abund. (2)	Con/Dep (2)	Grade (2)	Type (2)	

PART 1 SCORE _____

PART 2. SOIL PROFILE CHARACTERISTICS

Hydraulic conductivity Surface (5)		Hydraulic conductivity limiting layer(5)		Effective Soil Depth (5)		Water retention difference (5).	
High		High		Very Shallow		Very High (≥30 cm)	Low (7.50-14.99cm)
Moderate		Moderate		Shallow		High (22.50-29.99 cm)	Very Low (<7.50)
Low		Low		Mod. Deep		Medium (15.00-22.49)	
				Deep			
				Very Deep.			

PART 2. SOIL PROFILE CHARACTERISTICS (Cont.)

Wetness Class (5)		Surface Runoff (5)	
	Deep >150cm		Ponded
	Deep 100-149cm		Very Slow
	Mod. Deep 50-100cm		Slow
	Shallow 25-50cm		Medium
	Very Shallow <25cm		Rapid
			Very Rapid

PART 2 SCORE _____

PART 3. SITE CHARACTERISTICS

Hill Slope Profile (5)		Site Position (5)		Parent Material (5) (Mark all that apply)			A. Slope % (5)			Erosion Potential (5)			
	Summit		Depression		Alluvium		Marine Deposit		0-1		8-12		Very low
	Shoulder		Floodplain		Lacustrine		Residuum		1-3		12-20		Low
	Backslope		Stream Terrace		Colluvium				3-5		20-45		Medium
	Footslope		Upland		Eolian				5-8		>45		High
	Toeslope												Very High
	None												

PART 3 SCORE _____

PART 4. SOIL TAXONOMY

Diagnostic Surface Horizons (10)		Subsurface Horizons and Features Mark all that apply (10 each)				Order (10)	
	Mollic Epipedon		Argillic		Fe/Mn concretions		Alfisols
	Ochric Epipedon		Albic		Lithic contact		Entisols
	Umbric Epipedon		Buried		Lithologic discount.		Inceptisols
	None		Calcic		Natric		Mollisols
			Cambic		Paralithic contact		
			Slickensides		Petrocalcic		
			lamellae		Petrogypsic		
			Gypsic				

PART 4. SCORE _____