Soil Study and Land Evaluation Scorecard Part I

	SITE		SURFACE SOIL			
Position in Landscape (5 points)	Slope (5 points)	Type and Degree of Erosion or Deposition (5 points)	Text (5 po		Structure (5 points)	
Upland Hilltop or Plain Sloping Hillside Depression and/or drainage way Stream Bottom Or Bench Nearly level	$\begin{array}{c c} 0-2\% & & & & & & & & \\ Gently Sloping & & & & & \\ 2-6\% & & & & & & \\ Moderately & & & & & \\ Sloping & & & & & \\ 6-12\% & & & & & \\ Strongly & & & & & \\ Sloping & & & & & \\ 12-20\% & & & & & \\ \end{array}$	None to Slight Water Over 75% of the Wind original surface soil remains Moderate Water 25 to 75% of the Wind surface soil remains (some mixing of subsoil with surface layer)	Coarse Sands and Loamy sand Moderate Coarse Sandy Loa Medium Loam, Silt, Moderatel Clay loam, alay loam,	ly □ m Silt loam y Fine □ Sandy	Loose Single grained Granular Fragments small, Mostly rounded Blocky Fragments irregul Some sharp corner Platy Fragments flat	□ ar,
Sloping □ Depressional □	Steep	Less than 25% of Wind surface soil remains (Plow layer mostly subsoil material)	clay loam, loam Fine Sandy clay, clay, Clay		and thin Cloddy Fragments large and irregular	
below sur		Deposition By wind or water SOIL PR	Organic Peat and M	□ Muck	SOIL TEST REP	ORT
Texture (5 points)	Structure (5 points)	Natural Drainage (5 points)	Depth of s Favorable for (5 points	Roots	Soil Fertility an Nutrient Manager (5 points)	
Coarse □ Sands and Loamy sands	Loose Single grained	Very Poorly Organic □	Over 40 inches		pH adjustment	
Moderately Coarse Sandy Loam	Granular Fragments small, Mostly rounded	Poorly □ Mottling above 12"	20 to 40 inches 12 to 20 inches		Nitrogen Phosphorus	
Medium □ Loam, Silt, Silt loam Moderately Fine □ Clay loam, Sandy clay loam, Silty clay loam Fine □ Sandy clay, Clay Organic □	Blocky Fragments irregular, Some sharp corners Platy Fragments flat and thin Prismatic, Columnar or Massive Large fragments	Somewhat Poorly ☐ Mottles between 12" and 36" Moderately Well ☐ or Well No mottles above 36"	Root growth of MAY be limited Sand gravel la Bedrock Soil pans Marl	crops	No fertilizer/soil amendments needed NOTE: CHECK AI NEEDED AMENDMENTS (may be more than o box checked)	LL
Organic Peat and Muck						

Soil Study and Land Evaluation Scorecard Part II-V

Po		al Sc	Soil Limitations ore 14 Pts (2 Pts per Correct Answer)	PA	\R'	ΓΙ	V.	Conservation Practices for Long Term Land Use		
Mark <u>all</u> characteristics. Yes if limiting, No if not limiting. Yes No				Potential Score 26 Pts (2 Pts Per Correct Answer) Mark <u>all</u> practices, Yes if it is needed, No if not needed, for						
		1.	3				ive la	land use, unless otherwise indicated on Pit		
		2.	Subject to occasional overflow or flooding				ı Caro	Card.		
		3.	Surface drainage restricted		, ₋ , .		De	velop and implement a nutrient		
		4.	\mathcal{E}			-		nagement plan		
		5.	water table Low available water capacity			2.	Us	e residue management and/or plant cover		
		6.	Stoniness			3.	Co	ntour farming, contour buffer strips,		
		7 .	No major limitations				COI	ntour strip cropping, or terraces		
						4.	Ma	intain existing terraces		
PART III. Land Capability Classes Potential Score 7 Pts. 3 Pts if Answer 1 Class Off					5.		nstruct or maintain grassed waterways, versions, or erosion control structures			
Mo	Mark one Land Capability Class that is most appropriate.					6.	Re	novate or otherwise improve pasture		
IVIa						7.	Eli	minate or manage grazing		
			ASS I: May be safely used for intensive uction, such as continuous row crops,			8.		prove timber stand or plant adapted trees woodland		
	pasture, woodland, and wildlife habitat.					9.	Est	ablish or maintain windbreaks		
CLASS II: Requires general conservation						10.	Pro	otect stream banks or lakeshore		
	systems and can be used for crop production,					11.	. Im	prove fish and wildlife habitat		
	pasture, woodland, and wildlife habitat. CLASS III Requires specific practices and conservation systems and can be used for crop production, pasture, woodland, and wildlife habitat.					12.		ablish/maintain riparian forest buffer or uss filter strip		
						13	. Co	ntrol invasive species that are present		
CLASS IV Requires intensive conservation systems and practices and can be used for crop production, pasture, woodland, and wildlife habitat.					PART V. Non-Ag Land Use Limitations Potential Score 3 Pts (1 Pt per Correct Answer) Mark <u>Yes</u> if limitations are present for the following, No if not.					
~-				Yes	N	О				
Cl	LASS	8 V	NOT APPLICABLE IN WISCONSIN			1.	Но	uses with Basements		
CLASS VI Generally ill-suited for cropland. Recommend permanent pasture,						2.	Sej	otic Tank Absorption Fields		
woodland or wildlife habitat. Use conservation practices for all land uses.					3.	Lo	cal Roads, Streets and Driveways			
		Impr	SS VII Use very carefully for pasture. ove for woodland or wildlife. Needs careful ervation.		Pa	rt I	<u>e Poi</u> - 5	0 of 50		
CLASS VIII Reserve for wildlife habitat. Not suitable for agricultural or commercial plant production.					Pa Pa	rt IV rt V	I - 7 V - 2 V - 3 AL -	of 7 of 26		
			ne Contestant Name							
T	'eam	No.	Contestant No					Div: Sr/Jr/4H		