	Visconsin Soils and Land Evaluation orm # CUS003 Correct Marks:										1	eam/Schl ID									
Tea	Feam/Schl ID Full Name (Last, Space, First)										P	art I- Surface So	oil								
0 (00) (A)		Mark Onl	-	r for each site for ea	ch qu		D and E umbe					
<u></u>		0		B	BB	BB	(B)	BB	B	BB	B	BŒ	B	D.	Texture (5 Points)	Coarse	Sands and Loamy Sands	0	0	0	
3	3 3 4 4	03			o o	000		90	@ @	D		D @			·	Moderately Coarse	Sandy Loam	0	0	0	
5)	5 6 6	5	FFFF		ĐŒ	(F)(E		ÐŒ	E	ÐŒ	(E)	ÐŒ				Medium	Loam, Silt, Silt Loam	0	0	0	
<u></u>	77	00		$ \oplus \oplus$	E) (E)	(H)(H		D (H)	\oplus	ED (EB	$ \mathbf{H} $	D Œ	DI			Moderately Fi	ne Clay loam, Sandy cla loam, Silty clay loam	y 🔿	0	0	
	90				D O	(1) (I		<u> </u>	a	D O	0	D G				Fine	Sandy clay , Silty clay Clay	, <u> </u>	0	0	
_	Code											DIC		L		Organic	Peat and Muck	0	0	0	C
Sheet	Test	Student			N (N	(N) (N				N (N		N		E.	Structure (5 Points)	Loose	Single Grained	0	0	0	
<u>o</u> (00	חס		(P)(E	D (D	PE)(D)(D (D	P	D (D	(P)	PŒ) (D		•	Granular	Fragments small, mostly rounded	0	0	0	
1	1 (1 2 (2	0	R R R R S S S S	$ \mathbb{R} $	RR	RR		RR	R	RR	R (RE				Blocky	Fragments irregular, some sharp corners	0	0	0	
3	3 3 4 4	03			DIO	(T)(T		DD	D	DIO		DIC				Platy	Fragments flat and thin	0	0	0	
5)	5 6 6	5			v v	v v		v v	\mathbf{v}	v v		$\mathbf{v} \mathbf{v}$				Cloddy	Fragments large and irreguar	0	0	0	
3	7 7 8 8 9 9		X X X X Y Y Y Y Z Z Z Z		Y Y	(Y)		7) (Y)	\mathbf{Y}	20 (T		Y) Y)(Y)	P	surfa	ce soil)- A	kest or most pro	ss of	soil d	lepth	
				Pa	ırt I-	Site									wark Onl	y one answe	r for each site for ea			F and G umbe	
	N	/lark Or	ily one answer f	or eac	h site	for ea	ich qu	estion		B, and Nu	•	r		F.	Texture (5 Points)	Coarse	Sands and Loamy Sands	Ö	Ó	Ö	Ċ
. F	Positi	on in	Upland- Hilltop o	r Plain				1			3	1 4 _			•	Moderately Coarse	Sandy Loam	0	0	0	
L		scape ints)	Olasiaa	Hillside						<u>-</u>	$\frac{\circ}{\circ}$					Medium-	Loam, Silt, Silt Loam	0	0	0	

			Part I- Site								• · · · · · · · · · · · · · · · · · · ·	or each site for ea		Site N			
	Mark On	lly one answer	for each site for e	ach que	•	A, B, ar Site N		r	E	Texture (5 Points)	Coarse	Sands and Loamy Sands	Ö	Ō	Ŏ	Ö	
A.	Position in	Upland - Hilltop	1	2	3	4			Moderately Coarse	Sandy Loam	0	0	0	0			
	Landscape (5 Points)	Sloping Hillside			0	0	0	0			Medium-	Loam, Silt, Silt Loam		0	0	0	
		Depression and/or drainage way				0	0	0				Clay loam, Sandy cla loam, Silty clay loam		0	0	0	
		Stream or Bottom Bench- Nearly level			0						Fine	Sandy clay , Silty clay Clay	/, <u> </u>	0	0	0	
		Sloping				_	_				Organic	Peat and Muck	0	0	0	0	
		Depressional			$\frac{\circ}{\circ}$	$\frac{\circ}{\circ}$			G.	G. Structure (5 Points)	Loose	Single Grained	0	0	0	0	
											Granular	Fragments small, mostly rounded	0	0	0	0	
B.	Slope (5 Points)	Nearly Level (0	early Level (0 - 2%)			0	0	0			Blocky	Fragments irregular, some sharp corners	0	0	0	0	
		Gently Sloping (2 - 6%)		0	0	0	0			Platy	Fragments flat and thin	0	0	0	0	
		Moderately Sloping (6 - 12%)				0	0	0			Prismatic, Columnar or Massive	Large Fragments	0	0	0	0	
		Strongly Sloping	ı (12 - 20%)		0	0	0	0	H	Part I- Surface Soil							
		Steep (20 - 30%			0	0	0	0		Mark On		for each site for ea	ich qu	estion (
		Very Steep (30%	6 or greater)		0	0	0	0	н.	Natural	Very Poorly	Organic	1	2	3	4	
C.	Erosion or	None to slight-	over 75% of the original surface	water	0	0	0	0		Drainage (5 Points)	Poorly	Mottling above 12"	0	0	0	0	
	Deposition (5 Points)		soil remains	wind	0	0	0	0			Somewhat Poorly	Mottles between 12" and 36"	0	0	0	0	
		Moderate-	25% to 75% of the original	water	0	0	0	0			•	No mottles above 36"		0	0	0	
			surface soil remains	wind	0	0	0	0	1.		Over 40 inches		0	0	0	0	
		Severe-	Less than 25% of	water	0	0	0	0		Soil Favorable for Roots (5 Points)	20 - 40 inches		0	0	0	0	
			the original surface soil remains	wind	0	0	0	0			12 - 20 inches		0	0	0	0	
		Deposition	by wind or water		_					Less than 12 inches		ches	_	$\overline{}$		_	
		Deposition by wind or water)))									\sim	

	Mark Onl	y one answer f	or each site for eac		tion (D te Nu					
				1	2	3	4			
D.	Texture (5 Points)	Coarse	Sands and Loamy Sands	0	0	0	0			
		Moderately Coarse	Sandy Loam	0	0	0	0			
		Medium	Loam, Silt, Silt Loam	0	0	0	0			
		Moderately Fine	Clay loam, Sandy clay loam, Silty clay loam	0	0	0	0			
		Fine	Sandy clay , Silty clay, Clay	0	0	0	0			
		Organic	Peat and Muck	0	0	0	0			
E.	Structure (5 Points)	Loose	Single Grained	0	0	0	0			
		Granular	Fragments small, mostly rounded	0	0	0	0			
		Blocky	Fragments irregular, some sharp corners	0	0	0	0			
		Platy	Fragments flat and thin	0	0	0	0			
		Cloddy	Fragments large and irreguar	0	0	0	0			
Part I- Subsoil (thickest or most prominent layer below surface soil)- Answer regardless of soil depth Mark Only one answer for each site for each question (F and G) Site Number 1 2 3 4										
F.	Texture (5 Points)	Coarse	Sands and Loamy Sands	Ö	Ô	Ö	Ō			
	(or omico)	Moderately Coarse	Sandy Loam	0	0	0	0			
		Medium-	Loam, Silt, Silt Loam	0	0	0	0			
		Moderately Fine	Clay loam, Sandy clay loam, Silty clay loam	0	0	0	0			
		Fine	Sandy clay , Silty clay, Clay	0	0	0	0			
		Organic	Peat and Muck	0	0	0	0			
G.	Structure (5 Points)	Loose	Single Grained	0	0	0	0			
		Granular	Fragments small, mostly rounded	0	0	0	0			
		Blocky	Fragments irregular, some sharp corners	0	0	0	0			
		Platy	Fragments flat and thin	0	0	0	Ō			
		Prismatic, Columnar or Massive	Large Fragments	0	0	0	0			
		Dar	t I- Surface So	il						
	Mark Onl		or each site for ea		stion (H	and I)				
	mark offi	, sho answer t	J. 34011 OILO 101 GA		te Nu		4			
н.	Natural Drainage	Very Poorly	Organic	Ö	Ó	Ŏ	<u></u>			
	(5 Points)	Poorly	Mottling above 12"	0	0	0	0			
		Somewhat Poorly	Mottles between 12" and 36"	0	0	0	0			
		Moderately Well or Well	No mottles above 36"	0	0	0	0			
I.	Depth of Soil	Over 40 inches		0	0	0	0			
	for Roots	20 - 40 inches		0	0	0	0			
	(5 Points)	12 - 20 inches		0	0	0	0			
		Less than 12 inc	hes	$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$			

Part I- Soil Test Report Note- Check ALL needed amendments (may be more than one box checked per site) Site Number J. Soil Fertility pH adjustment \bigcirc \bigcirc \bigcirc and Nutrient Management Nitrogen $\overline{\bigcirc}$ (5 points) **Phosphorus** Potassium No fertilizer/soil amendments

Part II. Soil Limitations Mark ALL characteristics for each site. Yes (Y) if limiting, No (N) if not limiting (2 points for each correct answer) **Site Number** 1. Soil Subject to sheet, rill, or wind erosion Y Y Y Y $\overline{\mathbb{N}}$ N N N 2. Subject to occasional overflow or flooding (Y) <u>(Y)</u> **Y** (Y) N N N N 3. Surface Drainage Restricted <u>(Y)</u> N N N N 4. Subsoil drainage restricted from high water N N N N 5. Low available water capacity <u>(Y)</u> \odot \odot \bigcirc N N N N (Y) (N) 6. Stoniness <u>(Y)</u> <u>(Y)</u> \bigcirc $\overline{\mathbb{N}}$ N N 7. No major limitations \odot N N N N

Part III. Land Capability Classes											
Mark the ONE Land Capability Class that is most appropriate for each site (potential score 7 points. 3 points if answer is one class off) Site Number											
		1 `	2	3	4						
CLASS I.	May be safely used for intensive production, such as continuous row crops, pasture, woodland, and wildlife habitat.	Ö	Ō	Ö	Ö						
CLASS II.	Requires general conservation systems and can be used for crop production, pasture, woodland, and wildlife habitat.	0	0	0	0						
CLASS III.	Requires specific practices and conservation systems and can be used for crop production, pasture, woodland, and wildlife habitat.	0	0	0	0						
CLASS IV.	Requires intensive conservation systems and practices and can be used for crop production, pasture, woodland, and wildlife habitat.	0	0	0	0						
CLASS V.	NOT USED IN WISCONSIN	0	0	0	0						
CLASS VI.	Generally ill-suited for cropland. Recommend permanent pasture, woodland, or wildlife habitat. Use conservation practices for all land uses.	0	0	0	0						
CLASS VII.	Use very carefully for pasture. Improve for woodland or wildlife. Needs careful conservation.	0	0	0	0						
CLASS VIII.	Reserve for wildlife habitat. Not suitable for agricultural or commercial plant production.	0	0	0	0						

Part IV. Conservation Practices for Long Term Land Use

Mark ALL practices for each site. Yes (Y) if it is needed, No (N) if not needed for most-intensive land use, unless otherwise indicated on Pit Information Card

(2 points for each correct answer)

1	(2 points for each correct ans	weij			
ı			Site N		
L	Secretary and the decoration of the second	1	2	3	4
1.	Develop and implement a nutrient management plan	\odot	\bigcirc	(Y)	\odot
	management plan	N	N	N	N
2.	Use residue management and/or plant	Y	Y	Y	Y
	cover crop	N	N	N	N
3.	Contour farming, contour buffer strips,	Y	Y	Y	Y
	contour strip cropping, or terraces	N	N	N	N
4.	Maintain existing terraces	\bigcirc	\bigcirc	\bigcirc	Y
		N	N	N	N
5.	Construct or maintain grassed waterways,	Y	Y	Y	Y
	diversions, or erosion control structures	N	N	N	N
6.	Renovate or otherwise improve pasture	(Y)	Y	Y	(Y)
		N	N	N	N
7.	Eliminate or manage grazing	Y	Y	Y	Y
		N	N	N	N
8.	Improve timber stand or plant adapted	Y	Y	Y	Y
	trees in woodland	N	N	N	N
9.	Establish or maintain windbreaks	Y	Y	Y	Y
		N	N	N	N
10.	Protect stream banks or lake shore	Y	Y	Y	Y
		N	N	N	N
11.	Improve fish and wildlife habitat	Y	Y	Y	Y
		N	N	N	N
12.	Establish/maintain riparian forest buffer or	Y	Y	Y	Y
	grass filter strip	N	N	N	N
13.	Control invasive species that are present	Y	Y	Y	Y
ı		N	N	N	N

Part V. Non-Ag Use Limitations

Mark Yes (Y) if limitations are present for each of the following for each site, or No (N) if not.

(1 Point for each correct answer)

ver)			
	Site N	umbe	r
1	2	3	4
Y	Y	Y	Y
N	N	N	N
(Y)	(Y)	(Y)	(Y)
N	N	N	N
Y	Y	Y	Y
N	N	N	N
	1 > 2 > 2	Site N 1 2 Y Y N N N Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	Site Numbe 1 2 3 Y Y Y N N N N Y Y Y N N N N Y Y Y Y N N N N N