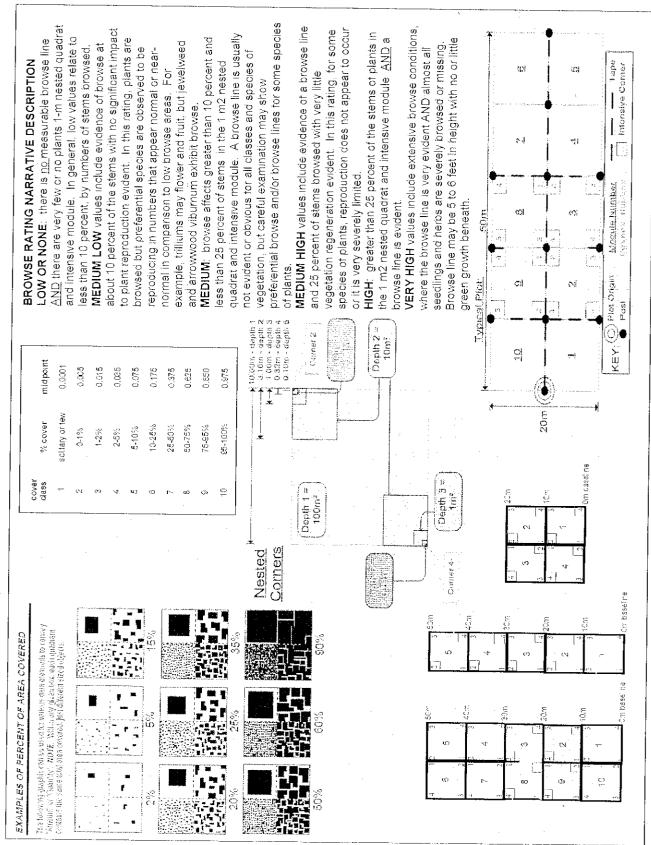
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	GPS coords. Recorded	07	
	North direction recorded		
	Photographs taken?	T $\sim$ N	
Plot No., Date agreen	nent on all pages?	N N	
leader data complete	d all pages?	₩ N	
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Invasive plant quality	control check	Q	
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	d with matching plot #	(P) N	
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n No	Original GRTS point lands in a non-		iii in category netow)
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	Paved area (i.e. parkinglot, road)	contse, pieme area, ng	Historical A.
	1) Unsafe to sample (i.e. steep slope	:)	· - · · · · · · · · · · · · · · · · · ·
	ii Other		
 Additional Commer	rts:		
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CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	y Assessment Progr	am - Background Data	Sheet					Delumination
Project Label:	: PCAP	Project Name:	01802011	//27		Plot No.:	3252	Page 2 of 2
CLASSIFICATION		STAND SIZE	DISTU	DISTURBANCES				
(FLT = executert, good, fair, poor; CONF = high, med, low)	Fit and Confidence		type*	severity**	yrs ago	% of plot	description	
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a DEPRESSION	FirConf=	= > 166 x plot size	Natural	7	0	100	of wooding in	(mn,nmal)
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a SLOPE (ground weter hydrology of on a physical slope)	Fite Cour	□ 1-3 x plot size	Anımal	m	Ø	22/	d browse	
o FRINGING e Reservoir e Natural Lake	Fit=Conf=	□ < plot size	Other					
z COASTAL (specify subclass)	Fit=Conf=		**[_=]ow,	ML=med low	, M=med,	MH≕med	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	high
= BOG (strongly, moderately, weekly ombrotrophic)	Fit= Conf=		Current I	Current Land Use:	PARKLAND	and		
Ohio EPA VIBI Plant Community Class (WETLANDS ONL	<u>ONLY)</u> :		Former Land Use:		LAKLONN	كرمخ	(FARMED?)	
$\square$ FOREST $\square$ swamp forest $\square$ bog forest $\square$ forest seep	Fit=Conl≒		HYDR(	HYDROLOGIC REGIME*	EGIME	is In		
□ EMERGENT = marsh □ wet meadow □ open bog	Fit=Conf=	SALINITY*	o Upland	ם Upland (seldom flooded)	ed)		n Intermittently flooded	Ţ
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fir= Cont	⊃ Saltwater	o Intermut	□ Intermittently/seasonally saturated	illy saturat	eď	a Semipermanently flooded	pepo
MODIFIED NATURESERVE CLASS*	,	⇒ Brackish	noples)	(seldom flooded)			☐ Permanently flooded	
CODE (on separate form):	Fir= Cont= #	Eresh	⊐ Perman	□ Permanently/Semipermanent, saturated	manent, sa	ıturated	☐ Tidal/Seache flooded daily	daily
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CONNICNITY NAME: MESIC FLOOD PAY.	Pray S	(by default unicss plot is a Cocasionally flooded (<1/yr)	Occasio	nally flooded	(<1/yr)		⊃ Tidal/Seiche flooded irregular	irregular
Forest	\	retailu)	⊏ Tempor	⊂ Temporarily flooded			(e.g. wind, storins)	· ;
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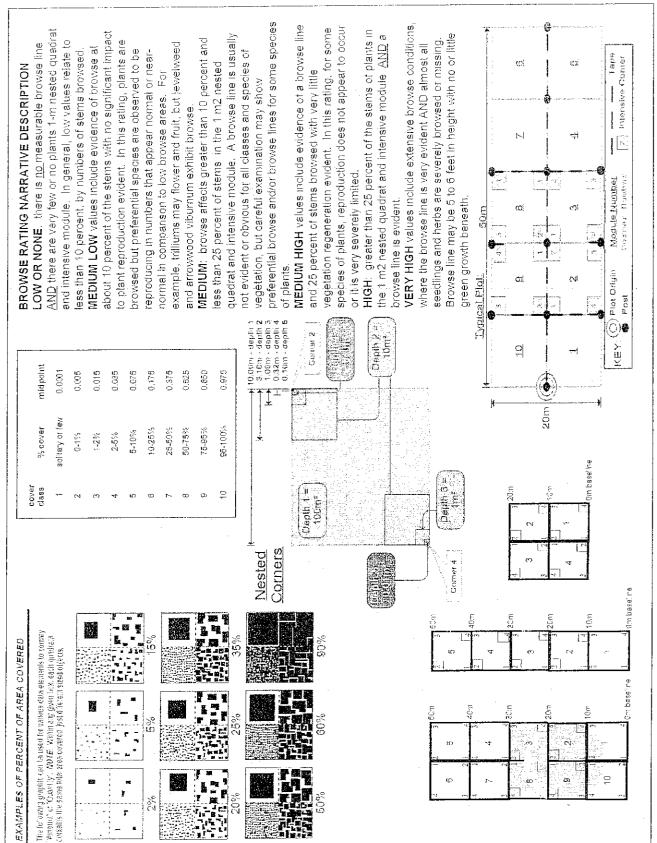
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Natural Resources Management FORM NR/2010-02b

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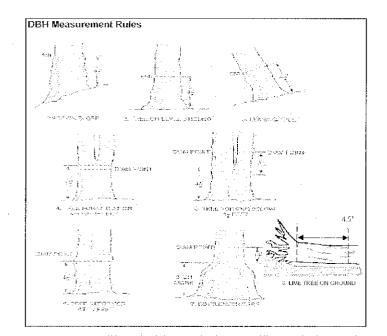
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### Woody Stem Deer Browse

Record the number of stems/plants between 0.5-1 0 meters tall that exhibit evidence of this years door browse.

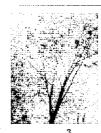
Record using the fally system from 1 to















### ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be but all top branches exposed to sunlight have leaves
- 3. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

С

D

E

## ASH CANOPY BREAKUP CONDITION (for dead trees):

(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

- A: All main branches contain line twigs (newly dead)
- B: Over 50% of main branches have fine twigs
- C: Less than 50% of main branches have line twigs
- **D**: Stem still standing and tertiary main branches present E: Central stem still standing.

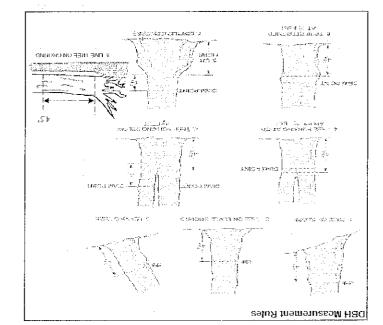
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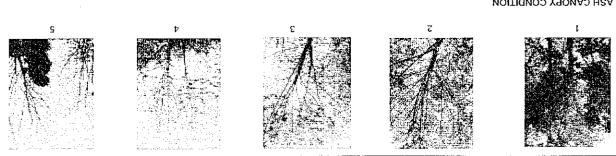
# Woody Stem Deer Browse

tall that exhibit evidence of this years door browsc-Record the number of stems/plants botween 0.1-3.0 meters

Record using the tally system from 1 to

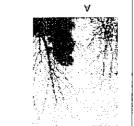






### **ASH CANOPY CONDITION**

- ${\cal T}$  Healthy, full canopy: A healthy sch canopy is normally thinner than many other trees such as maple
- 3" Dieback: Canoby is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches not exposed to 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves
- 4" >20% Dieback: The canopy has less than balt of the leaves that should be there and/or halt of the top branches are dead sunlight, die naturally and are not considered
- (lowcet branch) on the trunk. 2" Design cauchy: No lesves remain in the caropy portion of the tree. It still counts as a 2 even it there are epicormic sprouts brough became by



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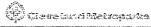
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(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition ASH CANOPY BREAKUP CONDITION (for dead trees):

# rank as described below)

- A: All main branches contain tine twigs (newly dead)
- B: Over 50% of main branches have line twigs
- C: Less than 50% of main branches have fine fwigs
- D: Stem still standing and tediary main branches present
- E: Central stem still standing.

# CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



Tier 1: Early detection	/ Rapid response		Pre	sence		GPS	
		NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass						X: yes
Ranunculus ficaria	Lesser Celandine				<u> </u>		
Cynanchum Iouiseae (vine)	Black Swallow-wort						
Butomus umbellatus (wetland	) Flowering Rush				ľ		
Heracleum mantegazzianum	Giant Hogweed		T	$T^{-}$			
Tier 2: Assess a	is Needed		# of	Plants		comments	
		NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple						1: 1.10
Ailanthus altissima	Tree of Heaven						2: 11-50.
onicera japonica (vine)	Japanese Honeysuckle	Z				(5)	3: 51-100
ythrum salicaria (wetland)	Purple Loosestrife						4: 101-1,00
Aegopodium podagraria (G-cover)	Bishop's Goutweed	1					5: >1,000
Celastrus orbiculatus (vine)	Asian Bittersweet	<b>†</b>					
Forilis sp.	Hedgeparsley						1
Conium maculatum	Poison Hemlock	1	1		1		7
Rhamnus cathartica	Common Buckthorn (shrub)		1				7
Berberis thunbergii	Japanese Barberry (shrub)	+	Τ-				7
Alnus glutinosa	European Alder		Ī	1			1
Dipsacus laciniatus	Cut-leaf Teasel	1		1	T		1
Elaeagnus umbellata	Autumn Olive (shrub)			<b>†</b>		· · · · · · · · · · · · · · · · · · ·	1
onicera maackii	Amur Honeysuckle (shrub)			<u> </u>			7
Euonymus fortunei	Wintercreeper						7
Tier 3: Presence i			: # of	Plants		comments	
		NE	TSE	SW	NW		# of Plants
Convallaria majalis (G-cover)	Lily of the Valley		1				1: 1-10
	Crown Vetch	†	$\dagger -$				2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia (shrub)	†	1				3: 51-100
	Japanese Pachysandra	†		4		Very large pate 4	4: 101-1,00
Philadelphus coronarius	Mock Orange (shrub)		<u> </u>	<del>  ^</del>		7 77 77 77	5: >1,000
· · · · · · · · · · · · · · · · · · ·	Lungwort	1	1				
Rubus phoenicolasius	Wineberry		<del>                                     </del>	<b> </b>	ļ ———		7
	Yellow Flag Iris			$T^-$			
Ornithogalum umbellatum	Star of Bethlehem	1	1				
Viburnum opulus var. opulus	Furopean Cranberry (shrub)		1	1			7
/iburnum plicatum	Doublefile Viburnum (shrub)		T	<u> </u>			7
Tier 4: Widespread	<del></del>	T	Pre	sence.	<del>'</del>	comments	1
		NE	SE.	sw	NW		Presence
Alliaria petiolata	Garlic Mustard	1	X	X	χ	<u> </u>	X: yes
.igustrum vulgare	Common Privet (shrub)	TX	X	1			1
. morrowii, L. tatarica	Bush Honeysuckles (shrub)		X	<u> </u>	X		7
Phalaris arundinacea	Reed Canarygrass	X	X	×	X		7
Phragmites australis (wetland)	Phragmites	1-2-	1	1,	†- <b>`</b>		7
Polygonum cuspidatum	Japanese Knotweed	1	1	T			-1
Frangula alnus	Glossy Buckthorn (shrub)	X	X	1	$\overline{}$		
Rosa multiflora	Multiflora Rose (shrub)	ΤX	18	X	X		-
Typha angustifolia, T. x.glauca	Cattails (wetland)	+ "	1/'	1	1-^-		╡
Cirsium arvense	Canada thistle	X_		+	<		┪
Dipsacus fullonum	Common Teasel	<u>^</u> -		1	×		1
Hesperis matronalis	Dame's Rocket	+^	X	+	<del>  ^</del>		
	Periwinkle	+	+^-	<del> </del>	†		-
Vinca minor (G-cover)	T CHIWITING	.1	I			<u> </u>	

Note: For Ground-cover plants record "stem #" but in comment field describe # of colonies and patch size (S,M, L)

\* If Ash Condition scores 5 (dead) provide breakup score (A-E) Count EAB exit holes 1.25m2 x ≥1.5m Woodpecker and epicormic marked present (1) or absent (0)

\*\*\* Change intensive module numbers when necessary

9

03

			7	Module	
	ယ	2	x	in E	
			Fraxible americana	Species	
;				Dead	
		******		c	
				# redouct	
			8.31	CBH (em)	
				_81 € 34	
			-	Ht @ Ash Dead :	
				uojionoo baaQt	
			Ø	\$9,04 1(X≣ #	ASH Only
			· 600	present Epicormic	Only
			μo	Woodpecker	

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet

Project Label: PCAP

Project Name: 61 BCC011

INTENSIVE MODULES ONLY

																							~	Module
25	24	23	22	17	20.	100	<u></u>	<u>-</u> 1	ਲ	ਲੇ	4	ω̈́	V.)	 0	00	00	7	9)	Oi Oi	4	ω	72		i2 g
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																							20	preser
				*******														L				:		
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																							40	holes holes

Map all ash trees≥10cm in each module using Tree ID number

(1)

2

63

Type

TRAIL INFORMATION: If trail falls in plot record type and gover for each

1.0.5 3 (Aquate)\*\* COVER BY STRATA (\*), estimate using midgelins of 5 ex. 3, 2, 13, 183)

Height Range STRATA DESCRIPTIONS, STRATA SEE BACK OF PAGE FOR 'TYPICAL rooted and floating or slightly extensed Floating) submersed intostiblent mass below surface 400 000

\	Other	**** <5 ont in dismeter
W	Road/Trail	*** >5 cm in diameter
W	Bare Scil	"Boulder = > .0 "n
E	Water	* Grave*-Cobb(e = 1/16 to 10 in
W	Brs-ophrae-Ladien	Bedreck Ø
Ø	Duff (Som - Humus)	Boulder** Ø
W	Litter	Gravel-Cobble*
26	Fine Woody Debris****	Mineral Soil   100%
* 18	Coarse Wicody Debris***	Histosci Ø
percent	(Eesh ≤ 160%)	(Sun - 100%) percent
	Ground Cover	Underlying Earth Surface
	UND COVER	EARTH SURFACE & GROUND COVER

# Remember: in a standard 2x5 plot each module = 10% cover

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only	nsive modules only	
Fankh for miscraphizationtures. Salections or selective and exercise the score. NOTE: I fined felts on a slope automateably gets remed based on sleepness (1.2)	araga the score. NOTE: If modifalls on a grope	autometosily gets renked based on steephess (1-2)
Slope $f = s(ght elevational grade across module (hii))$	Slope 2 = falls on alope ~20 "	Slope 3 = $mex[mum]$ steephess that can be safely $semp[ec] = 45\%$

'eature 's present in very small amounts or if more common, of low quality.

feature is present in mederate amounts, but not of highest duality, on in small amounts of highest quality.

	r^ ~~ ·		r	r* ·····		1
	o	67		t.	Medick	CROWN of a readings of a readings of a readings of a reading of the second of the seco
	ij	9	{	ï	×	CROWN COVER (DENSIONETER) Mass 4 cmings per meduls fining N. S. E. W. Fisco det common corresponding spinio (4 dens pergind spicios)
	1	33	æ	15	s	ENSTOME floing N. S. rig space
Ĺij	<b>63</b>	iΉ	11	17	Æ	EFER) Mas S.E.W. Fias
	T	6	50	4	W	

	6	6		t.	Models	
	r	<u>o</u>	11	=	æ	
	~	33	7 É	15	m	
Δţ	8	ī	11	-	Æ	
	T	9	ō	4	*	

Depth		W W		ti1			E	McNAB INDICES (degrees) + for up - for down
-------	--	-----	--	-----	--	--	---	---

SnCM PCAP Fight Cover\_Earn Surface Data sheet Page i\_ver 2.xls last revised 3'8'20'1 ceh

macro deaross ars = macrobadgraphic decressions with madule. These may extend into other modules and be counted again,

wid, a ocurse woddy debiis

NOTE: itussook and hummooks are counted in EOTH nested culturar corners but counts are aggregated.

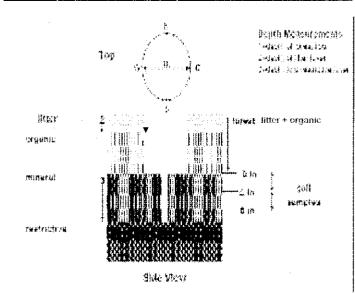
COV	FR	BY	ST	RA1	FΑ

STRATUM	GENERAL FORM
Tree (generally >5 m)	Tree (overstory) very tall shrubs* liana epiphyte)
Shrub (generally 0.5 to 5 m)	Tree (sapling), shrub, liana, epiphyte)
Herb (Field)	Herb, dwarf-shrub**, tree (seedling***)
Floating	Floating
Aquatic (submerged)	Submerged

\*Very tall shrubs are sometimes included in the tree stratum

\*\*Can also include seedlings of shrubs, i.e. all shrubs <0.5m.

\*\*\*Tree seedlings are often defined as up to 1.4 m height or as <2.5 cm DBH in which case they would span the herb and shrub layers.



		Ремжија Озора"
	is in	Vintari Sandstone Member
Commence of	2	Allensvilla Dangizmendo Member
	24 E	Byer Gendstone Momber
	n T	Kethe Conglamerata Member
	Cayabaga Formalar	Dumerous remed members:  Brick Hand Saudstone Member is and of the increpancy persected units  Sumbery Shaler  Becon Sandstano*
0.0000000000000000000000000000000000000		
	Chic Media	Chart ad Meraber Chagen Mendere" Haran Meraber
		Ovarigation for the first transfer to the first transfer transfer to the first transfer

FIGURE 3-33.—Generalized secretor of Upper Devonian, Mislangpian, and Lawer Pennoylvatura formations in northeastern Orio. Associationalizate unity cast are finalliferous. This composite section represents about 300 meters of role commonly account in the social network of the control of the safer literature to refer to Alexangenian rocks in Onio. Some generation was the European common formation in the U.S. Along account of the Missippines and Pennsylvation Personal at the U.S. Along variety are elementation of the manufacture of the Missippines and Pennsylvation Personal at the U.S. Along variety are elementarially and control to the control of the manufacture of the control of the cont

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project label: PCAP Plot No.: 3459

Project Name: 01862011

্ট্রিক বিজ্ঞান্ত ক্রিমার্ক ইতিক্রাইলেকুল্লানা বিজ্ঞানিক বিজ্ঞানিক বিজ্ঞান্ত ক্রিমার্ক ইতিক্রাইলেকুলানা বিজ্ঞানিক

Page: 1 of 1

visual exain, texture, and odor. plug wih shovel. Describe using Munsell chart, SOIL PIT DESCRIPTION: Excavate 20 cm

Soil pit module # 4 (one per entire plot)

<b>→</b>	** e.g. hydro;  *** Circle on  I=mckindated	refer to te	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· 10 10 1H	5 cm m
9	hydrogen sulfide odd role one: ndated S=saturated	texture classes	redox features** hydr. cond. *** matrix color h motile color h %imotile oxid roots texture* tedox features**	mottle cotor	matrix color
) (s	9 Z - 2	on reverse	1   OY ?	Dent	MOI.
t-10/1105	gleyng, etc. =moist D=dr/ earthwores	5ide	1 2 / H	K	3/2
					pio()

□ Somewhat excessively

**X**Well dramed

Excessively drained

Somewhat poorly dr □ Moderately well dr

⊏ Very poorly dr n Poerly dr.

Impermeable surface

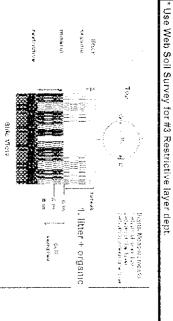
SOIL SAMPLES Standard procedure: collect a soil intensive module and composite the sample sample of the top 10 cm of soil from center of each

DRAINAGES	Parent Material: 0 c+ wash	Landform type: Outwash +en	Soil Series Source: Ohio Soil Survey	Soii Series/Type: Chili loam	Web Soil Survey Information:	Soil Description/notes:		2,3,8,9 composited	Soil Collection Module Hor
		+erraces						A	Horizon (A, B, C)

each intensive medule. Required for VIBI-E score calculation. collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 in STANDING BIOMASS (required for emergent wetlands): ?=check when collected

		Module #
		C?
		Corner
		Corner

SOIL DE	PTH MEA	SUREME	NT INSTR	UCTIONS:	SOIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to the	
neare	st 0.1 cm i	n center o rec	r of intensive record as >30	modules. I	nearest 0.1 cm in center of intensive modules. If >30.5 cm. record as >30	
	j litter –	2 litter	3 restrict.	water	depth	
	organic depth	depth	depth(cm)	depth	sat soil	
 med≅	(cm)	(cin)	*WSS	(cm)	(cm)	•
 2	Ø	Ø	>100	B	730	restrictive
 3	Ø	Ø	7,00	Ø	750	luyer greater
 Co.	Ø	Ø	7100	Ø	730	thur so whether
 0	Ø	Ø	7/00	Ø	730	
 Length of	Length of soil probe = 125 cm	= 125 cm				



6aCM PCAP Scits\_Crown cover\_Landform\_Standing Etcmass\_Data Sheet\_Ver 2xls.xls last revised 6/23/2011 ceh

7/8/11

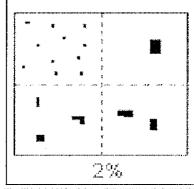
**E** 55

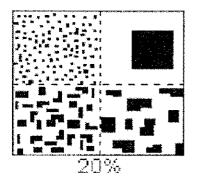
AM

Natural Resources Mangement FORM NR/2010-08s

### PERCENT MOTTLES (USE CLASS CODES):

Class	C	ode	Criteria: % of
	Conv.	nasis	Surface Area Covered
Few	f	AÀ YF	< 2
Common	ũ	7.	2 to < 20
Many	m	स्ट सर	a 20





SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but excess water does not freely flow from the sample when squeezed. Attempt to roll the sample into a ball. If the soil will not stay in a ball and has a grainy texture, the texture is either sandy or coarse sandy. If the soil does form a ball, squeeze the sample between your fingers and attempt to form a self-supporting ribbon. Samples which form both a ball and a ribbon should be coded as clayey; samples which form a ball but not a ribbon should be coded as learny.

- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured make plot note

Geomorphic Component - Titree-dimensional descriptors of parts of Emillorns or microleatures that are best applied to areas. Unique descriptors are evaluable for Hills, Terrados, Mountains, and Flat Plains

Codi

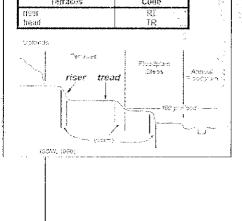
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1905, 190hr interpretations A. to. 1975.

eig., (for Hills) nase stope or AlS.

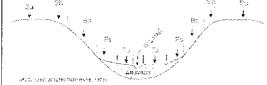
interfluse bead slope nose slope side slope base stope	IF HS NS 93	R 당 장 공 교	
base slope	Fead	BS J	
	1/1/2		
150 mm	None alopes		

pmp



Hillslope - Profile Position (Hilstope Prisition in PDP) - Twodimensional descriptors of parts of fine segments (i.e., stope position) along a transact that mas up and down the stope; e.g., backstope or BS. This is best applied to transacts or points, not areas.

Position	Code
summit	SU
shoulder	SH
backslope -	28
fuctsiope	FS
toestope	TS



HYDROLOGIC REGIME Modified from Grossman et al 1998 (Frequency and duration of flooding.)

UPLAND: Not a wetland. Very rarely flooded

**INTERMITTENTLY/SEASONALLY SATURATED:** Dry at least once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season.

**PERMANENTLY/SEMIPERMANENTLY SATURATED**. Dry less than once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season. Equivalent to Cowardin's Saturated modifier.

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often characterizes flood-plain upper terraces

**TEMPORARILY FLOODED:** Surface water present for brief periods during growing season, but water table usually lies well below soil surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was developed for use in the arid West for water regimes of Playa lakes, intermittent streams, and dry washes but can be used in other parts of the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's Intermittently Flooded modifier.

SEMIPERMANENTLY FLOODED (exposed <1/e>/ Surface water persists throughout the growing season in most years. I and surface is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded modifiers.

**PERMANENTLY FLOODED**: Water covers the land surface at all times of the year in all years. Equivalent to Cowardin's "permanently flooded"

UNKNOWN: The hydrologic regime cannot be determined from the available information

•							FOI	RM B-1:	BUFF	ER	SAN	/IPL	E PI	LOT	S (Fi	ront)	Reviewed by	(initial)	·	· — (	
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mall Trees (<		+=-	0	0	0	0		Small Trees ( Woody Shrub	·		$\bigcirc$	$\circ$	<del></del> +	$\bigcirc$		Small Trees ( Woody Shru	(<0.5m DBH)	0	$\frac{\Theta}{\Theta}$	0	
	5m HIGH)	0	0	0	0	0	ļ!		n 5m HIGH)	19		$\bigcirc$	$\overline{}$	$\Theta$			m-5m HIGH)			0	
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	ibmerged egetation		0	0	O	0			ubmerged /egetation		0	0	0	0			Submerged	$ \odot $	<u> </u>	<u> </u>	
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Resi	dential	and	Urba	an St	tress	ors	,		Hydrolo	ogy S	tress	sors	•				Agricultural & Ru	ıral S	tres	sors	
ill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	a if preso	ent - F	Plot	1	2	3	Flag	Fill bubble	if present - Plot	1	2	3	Flag
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Road - two	o lane			0	0	0		Dike/Dam/ (IMPEDE FLC		₹ Bed		0	0	0		Range		0	0	$\circ$	
Road - fou	ır lane			0	0	0		Water Lev	el Contro	of Stru	cture	0	O	0		Row Crops	·	0	0	0	
Parking Lo	ol/Paver	nent		0	0	0		Excavation	ı, Dredgii	ng		0	0	0		ROW CROP FIELD		0	0	0	
Golf Cours	se			0	0	0	·	Fill/Spoil B		Codin		0	0	0		SHRUBS, IRE	d (OLD - GRASS, ES)	0	0		
Lawn/Park				0	0	0		(UNVEGETAT	(FD)			0	0	0		Nursery		0	0	0	
Suburban		ntial ——		0	0	0		Soil Loss/F	•	osure		0	0	0		Dairy	·	0	0	<u> </u>	
Urban/Mul	tifamily			0	0	0		Wall/Ripra		··		0	0	0		Orchard		0	0	의	
Landfill				0	0	0		Inlets, Out				0	0	0			nimal Feeding	0	0	9	
Dumping				0	0	0		(EFFLUENT C		WATER input	)	0	0	0		Rural Resid	зетиац	0	$\circ$		
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Gas Wells				0	0	0		i-				) 0	0	0		Mowing/Shr		0	0	0	
Mine (surf								Forest Sele									ab Cutting		-		
		-1\		0	0	0		Tree Planta Tree Canop		ory —		0	0	0		Trails Soil Compa		0	0	0	· · · · · · · · · · · · · · · · · · ·
Mine (undo	erground 	عار 		0	0	0		(INSECT) Shrub Laye			<u>.</u>	0	0	0		(ANIMAL OR HI	UMAN)	0	0	0	
Military				0	0	0		(WILD OR DON Highly Graz	MESTIC)		-	0	0	0			icle damage (FROM WIND, WATER	9	0	0	
Other:				0	0	0		(OVERALL <2" Recently Bu	LIGH)			0	0	0		OR OVERUSE)		0	0	0	,
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Other:		***************************************	······································	0	0	0		Recently Bu (BLACKENED)		asstai	ıa	0	0	0		Other:	The second secon	0	0	0	L
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Road - two lane	0	0	0		Dike/Dam/l	Road/RR Bed		0	0	0		Range		0	0	0	
Road - four lane	0	0	0		Water Leve	el Control Stru	cture	0	0	0		Row Crops		0	0	0	
Parking Lot/Pavement	0	0	0		Excavation	, Dredging		0	.0	0		Fallow Field (RE		0	0	0	
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Suburban Residential	0	0	0		Soil Loss/R	toot Exposure	:	0	0	0		Dairy		0	0	0	
Urban/Multifamily	0	0	0		Wali/Ripra	)		0	0	0		Orchard	·	0	0	0	
Landfill	0	0	O		Inlets, Outle			0	0	0		Confined Anim		0	0	0	
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Gas Wells	0	0	0		Forest Selec	tive Cut		0	0	0		Mowing/Shrub (	Cutting	0	0	0	
Mine (surface)	0	0	0		Tree Plantat	ion		0	0	0		Trails		0	0	0	
Mine (underground)	0	0	0		Tree Canopy (INSECT)	y Herbivory		0	0	0		Soil Compaction (ANIMAL OR HUMAI	n N)	0	0	0	
Military	0	0	0		Shrub Layer (WILD OR DOM	Browsed		0	Ö	0		Offroad vehicle		0	0	0	
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Flag codes: K ≈ No me		L	II	e. U≃S	Li ,	rement. F1.F2	etc.										

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = mlsc. flags assigned by each field crew. Explain all flags in comment section on the back of this form Buffer Sample Plots 05/27/2011

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Dickthorn Control Cont	absence by fi Fill bubble if Johnson Gras Multiflora Ros Common Buc Himalayan Bla Other: Other: Other: Other:	Flag	O O O O O O O O O O O O O O O O O O O	s COOLUMN THES	1 boll   1   0   0   0   0   0   0   0   0   0	t - Piot  COORT	ble if presertine ad be Knolweed as Pepperwe ass anary Grass anary Grass brige brige brige brige brige brige brige brige bright	ricates proposed the state of t	hbble in Flag	ta bu ta bu O O O O O O O O O O O O O O O O O O	seb be	1 3 fille (1 O O O O O O O O O O O O O O O O O O	foil suff - Plo suff coordina not be a not be a not be a	e if preservaling the property of the plot acting the plot in the	seian / ter hys ow Flc on 15 Salv son He son He son He son He son He son He son He son He son He son Salv vide Gl son Salv son Sa
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/oody Shrubs, Saplings (0.5m 5m HIGH)	(3)	0	(0)		Woody Shrubs, Saplings (0.5m-5m FIICH)	$\odot   \odot  $	0	0	0		Weody Shrubs, Saplings (0.5m-5m HIGH)	0	0	<u> </u>	
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ill bubble if present - Plot	1	2	3	Flag	Fill bubble if prese	nt - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Road - gravel	0	0	0		Ditches, Channeliza	tion	0	0	0		Pasture/Hay	0	0	0	
Road - two lane	0	0	0		Dike/Dam/Road/RR (IMPEDE FLOW)	Bed	0	0	О		Range	0	0	0	
Road - four lane	0	0	0		Water Level Control	Structure	0	0	O		Row Crops	0			
Parking Lot/Pavement	0	0	0		Excavation, Dredgin	ıg	0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD)	0	0	0	
Solf Course	0	0	0		Fill/Spoil Banks		0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)	0	0	0	
awn/Park	0	0	0		Freshly Deposited S (UNVEGETATED)	Sediment	Ö	0	0		Nursery	0	0	0	
Suburban Residential	0	0	О		Soil Loss/Root Expo	sure	0	0	О		Dairy .	0	0	0	
Jrban/Multifamily	0	0	0		Wall/Riprap		0	0	0		Orchard	0	0	0	
.andfill	0	0	0		Inlets, Outlets		0	0	0		Confined Animal Feeding	0	0	0	
Dumping	0	0	0		Point Source/Pipe (EFFLUENT OR STORMA	VATER)	0	0	0		Rural Residential	0	0	0	
Trash	0	0	0		Impervious surface ( (SHEETELOW)	input	0	0	0		Gravel Pit	0	O	0	
Other:	0	0	O		Other:		0	0	0		Irrigation	0	0	0	
Other:	0	0	0		Other:		0	Q	0		Other:	0	0	0	
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Gas Wells	О	0	0		Forest Selective Cut		0	Q	0		Mowing/Shrub Cutting	0	0	0	
Mine (surface)	0	0	0		Tree Plantation		0	0	0		Trails	0	0	0	
Mine (underground)	0	0	0		Tree Canopy Herbivo	ory	0	0	0		Soil Compaction (ANIMAL OR HUMAN)	0	0	0	
Military	0	0	0		Shrub Layer Browsec	i	0	0	0		Offroad vehicle damage	0	0	0	
Other:	0	O	Ō		Highly Grazed Grass (OVERALL <3" HIGH)	es	0	0	0		Soil crosion (FROM WIND, WATER	0	O	ŏ	
Other:	0	0	0		Recently Burned For	est	0	0	0		OR OVERUSE) Other:	0	0	0	
Other:	0	0	0		Canopy Recently Burned Gra (BLACKENED)	ssland	0	0	0	ot on to tackers, or a	Control of the Contro	0	0		· · · · · · · · · · · · · · · · · · ·
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