high or very high

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	Assessment Progra	m - Background Data Sheet	Sheet	, //		Pilot No.		(Palumiund Maintenanda
CLASSIFICATION		STAND SIZE	DISTURBANCES	BANCES				
(FIT = excellent, good, fair, poor; CONF = high, med, low)	Fit and Confidence	(	type* s	severity**	9	% of plot	description	
Hydrogeomorphic class (WETLANDS ONLY):		□ >1,000 x plot size	ļ. —	1	_		trash	
c DEPRESSION	Fire Confe	□ > 100 x plot size	Natural	7	0	101.	erosion (stream)	V
⊂ IMPOUNDMENT ⊏ Beaver ⊏ Human	Fit=Conf=	☑ 10-100 x plot size	Fire					
□ RIVERINE □ Headwater □ Mainstein □ Channel	FireConfe	□ 3-10 x plot size	Cut					
□ SLOPE (ground water hydrology or on a physical slope)	Fit= Conf=	□ 1-3 x plot size	Anımal	X	0	100	browse	
□ FRINGING = Reservoir □ Natural Lake	Fit=Conf=	□ < plot size	Other					
□ COASTAL (specify subclass)	FiteConfe		**L=low, \	L=med low	, M=med,	MH=med l	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	)igh
3 BOG (strongly, moderately, weekly ombrotrophic)	Fit= Conf=	<u> </u>	Current Land Use:	nd Use:	PARK	PARKLAND		
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	NLY):		Former Land Use:	nd Use:	UNKNOWN	MMO		
□ FOREST □ swamp forest □ bog forest □ forest seep	Fit=Conf=		HYDROLOGI		CREGIME*	*		
□ EMERGENT □ marsh □ wet meadow □ open bog	FireConfe	SALINITY*	Dpland (s	Opland (seldom flooded)	(d)		□ Intermittently flooded	
⊃ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fit= Conf=	C Saltwater	□ Intermittently/seasonally samrated	ntly/seasona	lly saturat		Semipermanently flooded	ded
MODIFIED NATURESERVE CLASS*		n Brackish	(seldom flooded)	looded)			□ Permanently flooded	
(		Depland (n/a)	(dry <1/y	(dry <1/yr, seldom flooded)	oded)		□ Tidal/Seiche flooded monthly	nonthly
COMMUNITY NAME: Loo Cugar Maple	raph	(by default unless plot is a wetland)	Occasionally flooded     Temporarily flooded	Occasionally flooded (<1/yr) Temporarily flooded	(<1/yr)		☐ Tidal/Seiche flooded irregular (e.g. wind, storins)	rregular
							c Unknown	
HOMOGENEITY  Homogeneous  Compositional trend across the plot	Additional notes & diagrams:	Additional notes & diagrams: (Representativeness of plot to the stand, Longe V.7	of plot to the		ssional str	successional status, maturity, etc.)	(Caropy	
Conspicuous inclusions								
□ Irregular/patiem mosaic								
					·			

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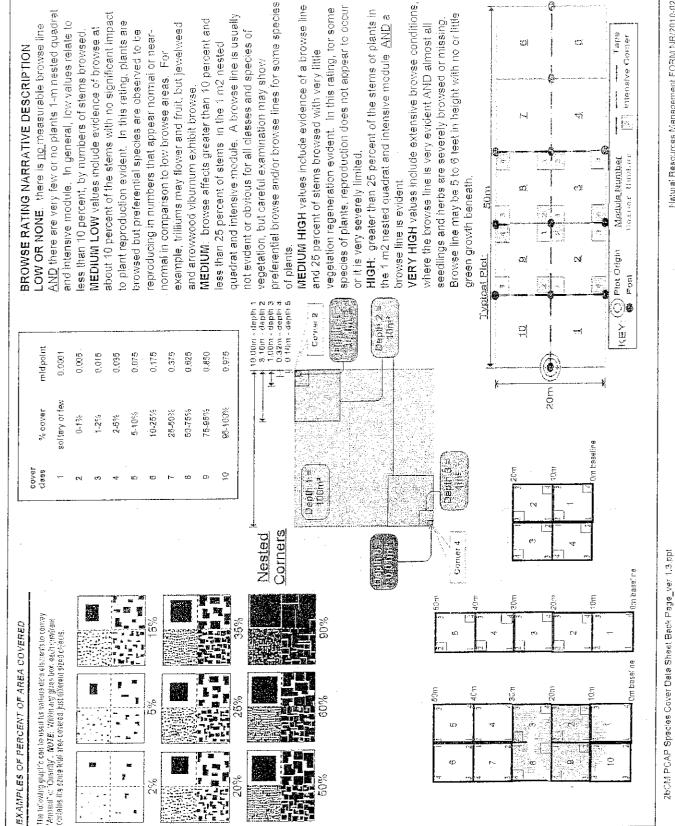
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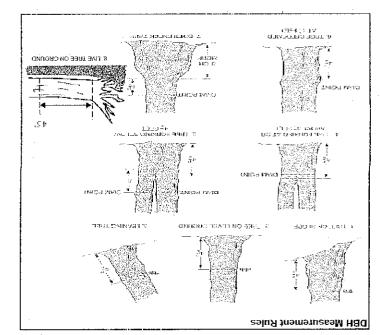


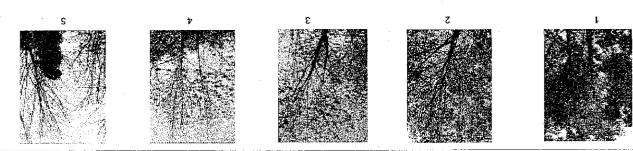
# Woody Stem Deer Browse

tall that exhibit evidence of this years deer browse. Record the number of stems/plants between 0.5-1.0 meters

Record using the tally system from 1 to

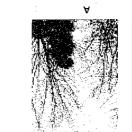






#### ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 3. Dieback: Canopy 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
- 2" Design canopy: No leaves remain in the canopy portion of the treatil counts as a 5 even if there are epicormic sprouts below the canopy 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the branches are dead sunlight, die nafurally and are not considered.



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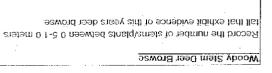
(Jowest pranch) on the trunk.

(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)

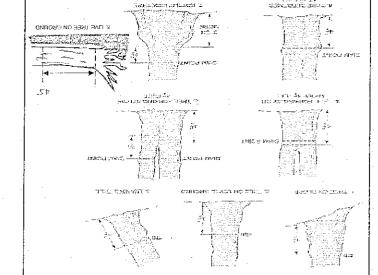
- A: All main branches contain fine twigs (newly dead).
- B: Over 50% of main branches have fine twigs
- $\boldsymbol{D} \colon \mathcal{S}\text{fem still}$  standing and tertiary main branches present  $\mathbf{C}\colon \mathsf{Less}$  than 50% of main branches have tine twigs
- E: Central stem still standing.

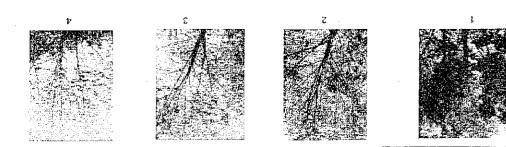
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### ASH CANOPY CONDITION

DBH Measurement Rules

- 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.

  2. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches not exposed to
- \$20% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- (towest pushed) on the trunk.

  2. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicornic sprouts below the canopy.

  4. >60% Drepack: The canopy has less from on the tree. It still counts as a 5 even if there are epicornic sprouts are design.



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sauk se described below) (it 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):

- 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 fine twigs
- D: Stem still standing and tertiary main branchos present
- E: Central stem still standing.

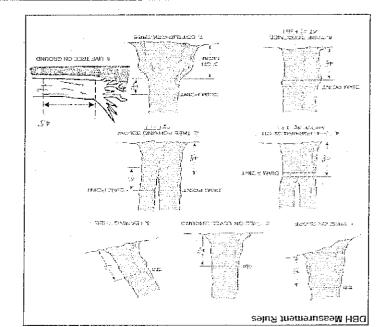
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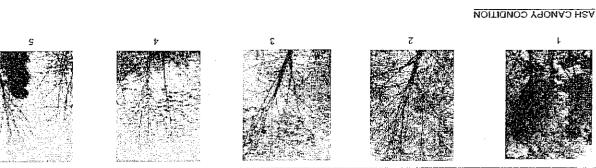
# Woody Stem Deer Browse

Record the number of stems/plants between 0.5-1.0 meters fell that exhibit evidence of this years deer browse

Record using the tally system from 1 to  $^{-10}$ 







- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple
- 3. **Dieback:** Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches not exposed to be branches or desposed to be branches.
- sunlight, die naturally and are not considered.
  4. >50% Dieback: The canopy has less that of the feaves that should be there and/or half of the top branches are dead...
- (lowest branch) on the trunk.

  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.

C. Less than 50% of main branches have fine twigs.

As the convex contains the twigs (newly dead)

As the choppy branches contains the twigs (newly dead).

Be concerned below)

As the choppy branches a score of 5 (dead) under canopy condition if must also receive a breakup condition

As the choppy branches than 50% of main branches have fine twigs.

Be condition

Be condition

C. Less than 50% of main branches have fine twigs.

D: Stem still standing and tertiary main branches present

E: Central stem still standing.

Cieneland Metroparks

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey

	nd patch size (5,M, L)	S Sain		# odi		bloit taor	Periwinkle		Vinca minor Note: For Ground-cover p
							Dame's Rocket		Hesperis matronalis
							Common Teasel		munollut subesqiQ
							Canada thistle		Cirsium arvense
							Cattails (wetland)	eone	Typha angustifolia, T. x.gla
		<del>  -                                    </del>	$\overline{\nabla}$	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	X	(qn.ıųs)	Multiflora Rose		Rosa multiflora
						(qnaqs)	Glossy Buckthorn		Frangula alnus
		ļ				(411443)	Japanese Knotweed		ന്ധാംbiqsup munogylog
		-					Phragmites Paringe Manager	(wetland)	Phragmites australis
							Reed Canarygrass	(11	Phalaris arundinacea
						(qnuqs)	Bush Honeysuckles		L. morrowii, L. tatarica
				<u> </u>		(dunda)	Common Privet		มียื่อยายาม การเกลียน เกลียนการเกลียน
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	314344	24-05-00	0.900	3040		(ap.,ups)	munaudiV əlifəlduoQ		Wiburnum plicatum
						(sprub)	European Cranberry	Snt	Viburnum opulus var. opu
						(411243)	Star of Bethlehem	L	Ornithogalum umbellatun
		ļ					Sirl Bolf wolley		Iris pseudacorus
							Wineberry	(bacltow)	Rubus phoenicolasius
			<del></del> -				Tungwort Lungwort	(12402-D)	Pulmonaria officinalis
/- : :0		<u> </u>		ļ		(an use)	Mock Orange	(20100 5)	Philadelphus coronarius
000'T< :S		ļ				(dunds)	Nock Orange	(13A03-D)	Pachysandra terminalis
4: 101-1,000						·	Five-leaf Aralia		Eleutherococcus pentaphr
3: 21-100	3.	<u> </u>				(sprub)	Crown Vetch	(G-cover)	Coronilla varia
7: 11-20' T: 1-10							Lily of the Valley	(G-cover)	Convallaria majalis
# of Plants	Comments	AVA	MS stuej	200000 200	ИE		of Interest	si əsuəsənd :	
		<u> </u>					Wintercreeper		Euonymus fortunei
						(dunda)	Amur Honeysuckle		Lonicera maackii
		<u> </u>				(dunds)	9vilO nmutuA		Elaeagnus umbellata
							Cut-leaf Teasel		Sipsacus laciniatus
		<u> </u>	<b>_</b> ,				European Alder		seonibulខ្ល suriA
				$\mathcal{C}$		(apuqs)	Arriance Barberry		iignədnund zinədnə8
						(duada)	Common Buckthorn		Rhammus cathartica
					<u> </u>		Poison Hemlock		Conium maculatum
				<u>.</u>			Hedgeparsley		.qs sili10T
					<u> </u>		Asian Bittersweet		Celastrus orbiculatus
				L	1		Bishop's Goutweed	(G-cover)	einergebog muibogog9A
2: >J,000		<u> </u>							
2: >T'000 d: TOI-T'000							Purple Loosestrife		בineoiles mundty
							Japanese Honeysuckle	(əniv) (bnsliəw)	coinoqe[ s190inol
4: 101-1,000							Tree of Heaven Japanese Honeysuckle	(əniv)	Allanthus altissima Lonicera Japonica
3: 51-100 4: 101-1,000							Japanese Honeysuckle	(əniv)	coinoqe[ s190inol
000,1-101 :4 001-12 :5 002-11 :4		MN	Ms		, NE		Tree of Heaven Japanese Honeysuckle	(əniv)	Allanthus altissima Lonicera Japonica
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01-1 1- 001-T5 : 2 01-T01 : 7 01-T01 : 7	. slasmmo)	MN	All the second	1 21	100,000,000,000,000		Giant Hogweed Needed Norway Maple Tree of Heaven Japanese Honeysuckle	es seses A:S:	nrsizzeggannem muelostaH Tie Sepionetelq read Emiszitle zurthellA Solnoqe[ steoinol
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01-1 1-100 3: 21-20. 4: 101-1000	. staemmo)	MN	All the second	1 21	100,000,000,000,000		Black Swailow-wort Flowering Rush Giant Hogweed Norway Maple Tree of Heaven Japanese Honeysuckle	(vine) (bnetland) mu se ssess A:S:	Cynanchum louiseae Butomus umbellatus Heracleum mantegazzianu Teer platanoides Acer platanoides Allanthus altissima
# Of Plants: 11: 1-10 21: 5: 11-50. 21: 51-100 4: 101-1,000	. staemmoo)	MN	All the second	d Jo #			Lesser Celandine Black Swallow-wort Giant Hogweed <b>Meeded</b> Morway Maple Tree of Heaven	(vine) (bnetland) mu se ssess A:S:	Ranunculya ficaria Cynanchum louiseae Butomus umbellatus Heracleum mantegaszianu Acer płałanoides Allanthus altissima

COVER BY STRATA(% settings) using CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only teature is present in moderate or greater amounts and of highest quality Stope 1 = slight elevational grade across module (Fill) STRATA DESCRIPTIONS, STRATA SEE BACK OF PAGE FOR TYPICAL! Tee ow d. = course weedly debris 4018), tisseck and numnecks ere ocurred in BOT: hesteo quadret comers oct ocurrs ere aggregated. Macro dapressions = macrotopographic captessions with module. These may extend into other modules and be ocurred again Rinks for morohadiat features. Setsotions or setsotivio and average the societ. NOTE: If modifials on a stopp automatically gets ranked based on stapphass in 3) COVER TYPE. submersed, most plant mass befow surface rooted end floating or slightly emersed feature is absent or functionally absent (3cf Course Fiet) :02ting)\* teatura is present in mederate amounts, but not of highest quality, or in small amounts of highest quality reature is present in very small amounts or it mote common, of low quelty gradia)\* Strzta ಯ 3 S 5,0 1 Project Label: 5.5 5.0 Height Range Ċ COLFCL 6 17 Remember: in a standard 2x5 plot each module = 10% cover (i 80 O (cent) PCAP depth 3 theseeke 0 Q<sub>2</sub> 00 N 0 Project Name: OIMS 2011 3.16x3.15m hamaneeks depth 2 00 0 C Slope 2 = falls on slope ~20 % EARTH SURFACE & GROUND COVER >6 cm in diameter \*\*\* <6 cm in d'ameter Equider = > 10 in Graval-Cobb's = 1/18 to 10 in edrock ravet-Orbite\* lineral Soil CEOTE nderlying Earth Surface" oulder.  $h_{red} = f(100\%)$ depressions EO MESSO depth 1 : 0x10m  $\circ$ 69 percent W  $\infty$ (2-12 cm) depth 1 16x10m e.w.d c.w.d. - count for pieces with minimum 1m length \$ Ω Fine Woody Debris\*\*\*\* Coatse Woody Debris\*\*\* Euror × 108%) Road Trail Bryophyte-Lichen Bare Soil alter uff (Benn, -- Hurcus Stope 3 = maximum steephess that can be safely sampled ~45  $^\circ$ (12-40em) 10x10m depth 1 e.w.d 23 C O  $|\omega|\omega|\omega$  $\omega$ Ø Į depth 1 >40 cm :0x16m O  $\circ$ O  $\bigcirc$ o.w.d 00 interspens muscolitab. ժարդե 1 10x10m Win Piot No.: 115-1 micromap. 10x10m SLOPE O0 G 0 McNAB INDICES (degrees) + for up - for down Type TRAIL INFORMATION: If trail falls in plot record type and cover for (FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD) Hiking senemened Bridle Landform Indek (position within landscape) Bootleg unsanctioned All Purpose +180 degrees +135 degree: +225 degree: +270 degree: +90 degree +45 degrees At aspect %Cover xModule CROWN COVER (DENSIONIETER): Make 4 readings per module facing N. S. E. W. Place dot count in corresponding space. (4 dots per grid square) 兵 SW SE 畜 SE CE z \*\*IST (A) Olevert au ten (A) Olevert au ten (A)

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0

LFI is angle of plot to the horizon. TSI is

by local slopes. For TSI

angles formed

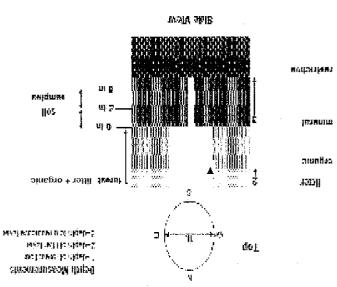
~10 in away. person standing eye to eye of from recorders measure angle Page; 1 of 1

5),CM PGAP Plant Cover\_ଲିଖନୀ ହୋମିଶ୍ୟ କିନ୍ୟ sheet ନିଶ୍ର । \_ver 2.vis last rovisor ଶ୍ୟୟତୀ । en

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"Harman and stands toye Barne Congleting Member	tagan Formation	
redmeM enetabre2 note/V	imalize.	
"quord Giverro"		LOWER PENNSYLVANIAN

consignmental, notward inequal to noisees benchmard.—02-5 HRUDH calcinistic incinated inequal to noisees benchmard a case of more administed in the case of the case of the case of the case of noise and noise of noise and noise of noise and noise of noise

#### which case they would span the herb and shrub layers. in HBC mo 3.2> as no hipieri m 4.1 of qui as benine are offen are 22.5 cm DBH in mc 0> adunda lle e i adunda lo agendade seedlings of shrubs (5 5m "Very tall shrubs are sometimes included in the tree stratum Submerged Aquatic (submerged) **Ploating** Herb, dwarf-shrub\*\*, tree (seedling\*\*\*) Herb (Field) Tree (sapling), shrub, liana, epiphyte) Shrub (generally 0.5 to 5 m) (e)Aydide Tree (overstory), very tall shrubs\*, fiana, Tree (generally >5 m) MUTARTS **GENERAL FORM** COVER BY STRATA



Project label: PCAP CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project Name: ()(MS20)

Plot No.:

Sylventery of Market September 1998

Page: 1 of 1

SOIL PIT DESCRIPTION: Excavate 20 cm

plug wih shovel. Describe using Munsell chart, visual exam, texture, and odor.

Soil pit module # 👉 (one per entire plot) 5 cm matrix color 104R 4/3

20 cm matrix color texture\* texture\* redox features\*\* %mottle redox features\*\* nottle color ıydr. cond.\*\*\* nottle color xid roots 6moπle xid roots ydro. cond.\*\*\* 164R5/3 Q S I SPD

refer to texture classes on reverse side

🌤 e.g. hydrogen sulfide oder, gleying, etc

**Notes:** include evidence of earthworms =indundated S=saturated M=inoist D=dry

(worms, castings, middens)

at Sen w/ Farthwarts tound Corc

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

Soil Collection Module	Horizon (A, B, C)
2,3,8,9 composited	A
Soil Description/notes:	

Soil Series Source: Ohio Soil Survey Web Soil Survey Information: Parent Material: Kesichum Soil Series/Type: Parcksville Silt lown andform type: Decinate mays

DRAINAGE\* wecthered trom shale

□ Excessively drained

🕺 Well dramed Moderately well dr. Somewhat excessively

Very poorly dr. □ Poorly dr. Impermeable surface

u Somewhat poorly dr

John to restrictive 20-40:

each intensive module. 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):

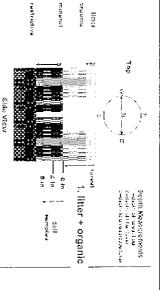
		Module #	C?=check when collected
		C?	cted
		Comer	
		Comer	

SOIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm,

_								,
	هـ	Q <sub>r</sub>	ιű	B	mod#			
	3,0	3,25		<u>ο</u> Ω,	(cm)	organic depth	∣ litter+	
	3.0	3,25	OI O	ر را	(cm)	depth	2 litter	rec
	<b>نن</b> آن	41	33	<b>3</b> 39.	*[WSS]	depth(cm)	3 restrict.	record as >30
	١	١	1	\	(cm)	depth	water	
	>30	> 36	<b>&gt;</b> 30	>30	(cm)	sat soil	depth	

Length of soil probe = 125 cm

Use Web Soil Survey for #3 Restrictive layer dept



M22-020 2/14/11

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

which form a ball but not a ribbon should be coded as loamy

1= Loamy oinsgaoic =0

S= Clayey

3 = Sandy

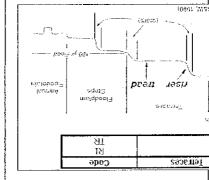
4= Coarse Sand

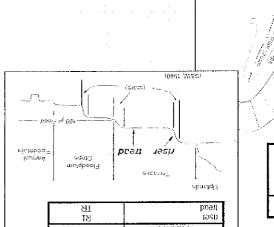
9= Not measured - make plot note

landtorms or materofeatures that are best applied to areas. Unique Geomorphic Component - Three-dimensional descriptors of parts of %.Z AUGIAL  $\ge 50$ 

SISVN

COUG

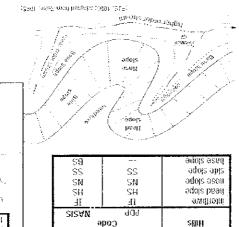




 $5.40 \le 50$ 

**2иивсе Агеа Солежей** 

Criteria: % of



descriptors are available for HILS, Terraces, Mountains, and Flat Platus;

Э

COUNT

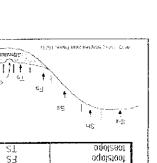
**DEBCENT MOTTLES** (USE CLASS CODES):

e.g. (for Hills) nose sløpe or N.S.

Common

CISSS

 $E^{6M}$ 



S8

HS

09

9000

would a transect that runs up and down the slope; e.g., backstope or

finalitised adols rail streambes of line segments (Les slope partial)

This is best applied to transects or points not areas

-avrT - (909 ri natièse9 eqalziliH) **notise9 ettor4 - eqalziliH** 

раскаювь

зариюця

HOMEON

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

**UPLAND:** Not a wetland. Very rarely flooded

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

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

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

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

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 seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable

**ZEMILERMANENTLY FLOODED** (exposed < 1/year): Surface water persists throughout the growing season in most years. Land surface Intermittently Flooded modifier. the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's

is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded

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

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

		115	: .== 1.	FO	RM B-1: BUFFER SAI	MPI	E F	LO	TS (F	ront) Reviewed	oy (initia	il);		
Site ID: PCAF				1					DAT	E 711212	0	1	1	
Location:		<u> </u>	<u> </u>		Fill in bubb	ole(s	) if r	olotí	s) co	uld not be sampled and		<u></u>	<del></del>	T
O AA Center O N	0	S	0	E <b>(</b>	W O Plot 1		Plot			Plot 3	· · · · · ·			
,				A CONTRACTOR CONTRACTOR	Buffer Natural					<u> </u>				
Fill in bubbles for all that apply: C Strata Section: Fill in appropriate	anopy cover	Type: class	: D = : bubbi	Deciduou e for eac	is; E = Evergreen 1 eaf Type; B = Br h strata type for each plot, 0 = Abser	oadle: nt; 1	af; N = Spars	Need e(≤10	lle Leaf. I%); 2=N	Absent: No tree canopy. //doerate(10-40%); 3 = Heavy (40-75)	%); 4	Very F	leavy	(>75%)
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Woody Shrubs, Saplings (0.5m-5m HIGH)	0	<b>(49)</b>	0	-	Woody Shruhs, Saplings (0.5m 5m H(GH))	0	<b>(</b>	$\odot$		Woody Shrubs, Saplings (0.5m-5m HtGH)	_	Ō	0	
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Bare ground ( )	0	O	0	<del>                                     </del>	Bare ground ( )	<b>O</b>	Ö	0		Bare ground ①		<u>@</u>	0	
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Road - four lane	0	0	О		Water Level Control Structure	0	0	О		Row Crops	0	0	0	
Parking Lol/Pavement	0	0	0		Excavation, Diedging	0	0	0		Fallow Field (RECENT RESTING ROWCROS SELD)	0	О	0	
Golf Course	0	0	0		Fill/Spoil Banks	0	0	О		Fallow Field (OLD - GRASS) SHRUBS TREES)	0	0	0	
Lawn/Park	0	0	0	. ,	Freshly Deposited Sediment (UNVEGETATED)	0	0	0		Nursery	0	0	0	
Suburban Residential	0	0	0		Soil Loss/Roof Exposure	0	О	0		Dairy	0		0	
Urban/Multifamily	0	0	0		Wall/Riprap	0	0	0		Orchard	0	0	0	
Landfill	0	0	0		Inlets, Outlets Point Source/Pipe	0	0	0		Confined Animal Feeding Rural Residential	0	0	0	
Dumping Trash	0	0	0		(EFFLUENT OR STORMWATER) Impervious surface input	0	0	0		Gravel-Pit	0	0	0	
Other:	0	0	0		(SHEET) LOW)	0	0	0		Tragation	0	0	0	
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Gas Wells	0	0	0		Forest Clear Cut  Forest Selective Cut	0	0	0	:	Herbicide Use	0	0		
Mine (surface)	0	0	0		Tree Plantation	0	0	0		Mowing/Shrub Cutting	0	0	0	
Mine (underground)		0	0		Tree Canopy Herbivory				,	Trails Soil Compaction	0	0		
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Flag codes: K = No measurement made, U = Suspect measurement.; F1,F2, etc. = misc. 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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Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. 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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Road - four lane	0	0	0		(IMPLDE FLOW) Water Level C		1	0	0	0		Range Row Grops		0	0	0	
Parking Lot/Pavement	0	0	0		Excavation, Dr		ucture	1	0	0			RECENT RESTING	0	0	0	
Golf Course	0	0	0		Fill/Spoil Bank		-	0	0	0		ROW CROP FIELD		0	0	0	
Lawn/Park	0	0	0		Freshly Depos		ment	0	0	0		SHRUBS TRF		0	0	0	
Suburban Residential	0	0	0		(UNVECETATED) - Soil Loss/Root	<u> </u>	- /4	7		0		Nursery Dairy		0	0	0	
Urban/Multifamily	0	0	0		Wall/Riprap			0	0	0		Orchard	<u>- 1 </u>	0	O		
Landfill	0	0	0		Inlets Outlets			0	0	0			nimal Feeding	0	0	0	
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Road - four lane Parking Lot/Pavement	O	9	+		Water Leve	44, <u>14-14</u>		clure	O	0	0		Row Crops	RECENT-RESTING	0	0	0	
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