

<p>SOIL INSTRUCTIONS</p> <p>Depths (right): After measuring a corner (at the circle) cross it out on the diagram below.</p> <p>Samples (below): Mark location of soil samples with a triangle and horizon, e.g.: B</p> <p>Other soil data: enter below.</p>	SOIL DEPTHS			EARTH SURFACE & GROUND COVER				MCNAB INDICES (degrees) + for upslope - for downslope at aspect	LFI: Landform Index (position within landscape)	TSI: Terrain Shape Index (site micro-topographic shape)	
	Length of soil probe: _____ cm standard corners given below, correct if needed			Underlying Earth Surface:		Ground Cover:					MCNAB INDICES (degrees) + for upslope - for downslope at aspect
Module		Corner	Soil Depth (cm)	<i>(sum = 100%)</i>	percent	<i>(each ≤ 100%)</i>	percent				
2		1		Histosol		Coarse Woody Debris >5cm					
2		2		Mineral Soil / Sediment		Fine Woody Debris <5cm					
2		3				Litter					
2		4				Duff (F+H)					
3		1		Gravel / Cobble		Bryo / Lichen					
3		2				Water					
3		3				Other (name): _____					
3		4									
8		1		WATER							
8		2		Hydrologic Regime*				Salinity*		Soil Drainage*	
8		3		<input type="checkbox"/> Upland (seldom flooded) <input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Intermittently / seasonally saturated (seldom flooded) <input type="checkbox"/> Semipermanently flooded <input type="checkbox"/> Permanently / semipermanently saturated (dry < 1 / yr, seldom flooded) <input type="checkbox"/> Permanently flooded <input type="checkbox"/> Occasionally flooded (<1 / yr) <input type="checkbox"/> Tidally flooded - daily <input type="checkbox"/> Temporarily flooded <input type="checkbox"/> Tidally flooded - monthly <input type="checkbox"/> <input type="checkbox"/> Tidally flooded - irregular (wind, storms) <input type="checkbox"/> <input type="checkbox"/> Unknown				<input type="checkbox"/> Saltwater <input type="checkbox"/> Fresh		<input type="checkbox"/> Excessively drained <input type="checkbox"/> Somewhat excessively <input type="checkbox"/> Well drained <input type="checkbox"/> Moderately well dr. <input type="checkbox"/> Somewhat poorly dr. <input type="checkbox"/> Poorly drained <input type="checkbox"/> Very poorly drained	
8		4						Aquatic Vegetation			
9		1						Mean water depth: _____ cm			
9		2						Closest distance to shore: _____ m			
9		3		DISTURBANCES							
9		4		Type	Severity (none, L,M,H)	Yrs ago	% of plot	Description	Current Land Use:		
9		1		human					Former Land Use:		
9		2		natural							
9		3		fire							
9		4		clear-cut							
9		1		animal							
9		2		other							
SOIL SAMPLES		Organic layer depth: _____ cm			Season of Plot Sampling						
Module* 1-10, S (plot deep sample)	Horizon (A,B,C)	Homogeneity			<input type="checkbox"/> Homogeneous		Physiognomy*		Additional Notes: (Representativeness of the plot to the stand, Successional Status, Stand Maturity, etc.)		
		<input type="checkbox"/> Compositional trend across plot			<input type="checkbox"/> Typical growing season		<input type="checkbox"/> I Forest				
		<input type="checkbox"/> Conspicuous inclusions			<input type="checkbox"/> Vernal		<input type="checkbox"/> II Woodland				
		<input type="checkbox"/> Irregular / pattern mosaic			<input type="checkbox"/> Aestival		<input type="checkbox"/> III Shrubland				
		Stand Size			<input type="checkbox"/> Autumnal		<input type="checkbox"/> IV Dwarf Shrubland	Former Land Use:			
		<input type="checkbox"/> >1,000 × plot size			<input type="checkbox"/> Winter		<input type="checkbox"/> V Herbaceous				
		<input type="checkbox"/> > 100 × plot size			<input type="checkbox"/> Temporarily flooded		<input type="checkbox"/> VI Nonvascular				
		<input type="checkbox"/> 10-100 × plot size			<input type="checkbox"/> Temporarily dry		<input type="checkbox"/> VII Sparsely Vegetated				
		<input type="checkbox"/> 3-10 × plot size			<input type="checkbox"/> Other: _____		<input type="checkbox"/> VIII Barren	<input type="checkbox"/> more...			
		<input type="checkbox"/> 1-3 × plot size									
		<input type="checkbox"/> < plot size									
Soil Series / Type:		Landform Type*:									
Soil Series Source:		Topographic Position*									
Soil Texture*:		<input type="checkbox"/> Interfluvial (crest, summit, ridge)									
Rock Type*:		<input type="checkbox"/> High slope (shoulder, upper, convex)									
Surficial Deposits*:		<input type="checkbox"/> High level									
Soil Description:		<input type="checkbox"/> Midslope									
		<input type="checkbox"/> Backslope (cliff)									
		<input type="checkbox"/> Step in slope									
		<input type="checkbox"/> Lowslope (lower, foot, colluvial)									
		<input type="checkbox"/> Toeslope									
		<input type="checkbox"/> Low level (terrace)									
		<input type="checkbox"/> Channel wall (bank)									
		<input type="checkbox"/> Channel bed (valley bottom)									
		<input type="checkbox"/> Basin floor (depression)									
		<input type="checkbox"/> Other: _____									

Cover Data: CVS Levels 3 & 4

Leader: _____ Project: _____ Team: _____ Plot: _____ Date: ____ / ____ / ____ Ares: _____ Page ____ of ____

Strata

Column headers are module numbers (level 4 only), with cover codes below:

T	S	H	(F)	(A)	<u>Species Name</u>	c									
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