

<p>SOIL INSTRUCTIONS Depths (right): After measuring a corner (at the circle) cross it out on the diagram below. Samples (below): Mark location of soil samples with a triangle and horizon, e.g.: B 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:					percent	percent																																		
	Module	Corner	Soil Depth (cm)	(sum = 100%)	percent	(each ≤ 100%)	percent																																							
	2	1		Histosol		Coarse Woody Debris >5cm																																								
	2	2		Mineral Soil / Sediment		Fine Woody Debris <5cm																																								
	2	3				Litter																																								
	2	4																																												
	3	1		Gravel / Cobble		Duff (F+H)																																								
	3	2				Bryo / Lichen																																								
	3	3																																												
	3	4		Boulder		Water																																								
	8	1		Bedrock		Other (name): _____																																								
	8	2																																												
	8	3																																												
	8	4																																												
9	1																																													
9	2																																													
9	3																																													
9	4																																													
SOIL SAMPLES			Organic layer depth: _____ cm			WATER																																								
Module* 1-10, S (plot deep sample)	Horizon (A,B,C)	Homogeneity			Hydrologic Regime*				Salinity*		Soil Drainage*																																			
		<input type="checkbox"/> Homogeneous <input type="checkbox"/> Compositional trend across plot <input type="checkbox"/> Conspicuous inclusions <input type="checkbox"/> Irregular / pattern mosaic			<input type="checkbox"/> Upland (seldom flooded) <input type="checkbox"/> Intermittently / seasonally saturated (seldom flooded) <input type="checkbox"/> Permanently / semipermanently saturated (dry < 1 / yr, seldom flooded) <input type="checkbox"/> Occasionally flooded (< 1 / yr) <input type="checkbox"/> Temporarily flooded				<input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Semipermanently flooded <input type="checkbox"/> Permanently flooded <input type="checkbox"/> Tidally flooded - daily <input type="checkbox"/> Tidally flooded - monthly <input type="checkbox"/> Tidally flooded - irregular (wind, storms) <input type="checkbox"/> Unknown		<input type="checkbox"/> Saltwater <input type="checkbox"/> Fresh <input type="checkbox"/> Brackish <input type="checkbox"/> Upland (n/a)		<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																																	
		Stand Size		Landform Type*		Aquatic Vegetation																																								
		<input type="checkbox"/> > 1,000 × plot size <input type="checkbox"/> > 100 × plot size <input type="checkbox"/> 10-100 × plot size <input type="checkbox"/> 3-10 × plot size <input type="checkbox"/> 1-3 × plot size <input type="checkbox"/> < plot size				Mean water depth: _____ cm Closest distance to shore: _____ m																																								
Soil Series / Type:		Topographic Position*			DISTURBANCES				Current Land Use:																																					
Soil Series Source:					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Type</th> <th style="width: 10%;">Severity (none, L,M,H)</th> <th style="width: 10%;">Yrs ago</th> <th style="width: 10%;">% of plot</th> <th style="width: 40%;">Description</th> </tr> </thead> <tbody> <tr><td>human</td><td></td><td></td><td></td><td></td></tr> <tr><td>natural</td><td></td><td></td><td></td><td></td></tr> <tr><td>fire</td><td></td><td></td><td></td><td></td></tr> <tr><td>clear-cut</td><td></td><td></td><td></td><td></td></tr> <tr><td>animal</td><td></td><td></td><td></td><td></td></tr> <tr><td>other</td><td></td><td></td><td></td><td></td></tr> </tbody> </table>							Type	Severity (none, L,M,H)	Yrs ago	% of plot	Description	human					natural					fire					clear-cut					animal					other				
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Soil Texture*:		Season of Plot Sampling				Physiognomy*			Former Land Use:																																					
Soil Description:												<input type="checkbox"/> Interfluvial (crest, summit, ridge) <input type="checkbox"/> High slope (shoulder, upper, convex) <input type="checkbox"/> High level <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: _____				<input type="checkbox"/> Typical growing season <input type="checkbox"/> Vernal <input type="checkbox"/> Aestival <input type="checkbox"/> Autumnal <input type="checkbox"/> Winter <input type="checkbox"/> Temporarily flooded <input type="checkbox"/> Temporarily dry			<input type="checkbox"/> I Forest <input type="checkbox"/> II Woodland <input type="checkbox"/> III Shrubland <input type="checkbox"/> IV Dwarf Shrubland <input type="checkbox"/> V Herbaceous <input type="checkbox"/> VI Nonvascular <input type="checkbox"/> VII Sparsely Vegetated <input type="checkbox"/> VIII Barren																											
Rock Type*:		Additional Notes: (Representativeness of the plot to the stand, Successional Status, Stand Maturity, etc.)				□ more...																																								
Surficial Deposits*:																																														
Soil Description:																																														

