



<p><b>SOIL INSTRUCTIONS</b></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>	<b>SOIL DEPTHS</b>			<b>EARTH SURFACE &amp; GROUND COVER</b>				<b>MCNAB INDICES</b> (degrees) + for upslope - for downslope	<b>LFI: Landform Index</b> (position within landscape)	<b>TSI: Terrain Shape Index</b> (site micro-topographic shape)				
	Length of soil probe: _____ cm standard corners given below, correct if needed			<b>Underlying Earth Surface:</b>		<b>Ground Cover:</b>					(degrees) + for upslope - for downslope	(degrees)	(degrees)	
<b>Module</b>		<b>Corner</b>	<b>Soil Depth (cm)</b>	(sum = 100%)	<b>percent</b>	(each ≤ 100%)	<b>percent</b>							
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												
<b>SOIL SAMPLES</b>			Organic layer depth: _____ cm			<b>WATER</b>								
<b>Module*</b> 1-10, S (plot deep sample)		<b>Horizon</b> (A,B,C)	<b>Homogeneity</b>			<b>Hydrologic Regime*</b>			<b>Salinity*</b>		<b>Soil Drainage*</b>			
			<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"/> 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			
			<b>Stand Size</b>			<b>Landform Type*</b>			<b>Aquatic Vegetation</b>					
			<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:						<b>DISTURBANCES</b>								
Soil Series Source:						<b>Type</b>		<b>Severity</b> (none, L,M,H)		<b>Yrs ago</b>	<b>% of plot</b>	<b>Description</b>		<b>Current Land Use:</b>
Soil Texture*:						human								
Rock Type*:						natural								
Surficial Deposits*:						fire								
Soil Description:						clear-cut								<b>Former Land Use:</b>
						animal								
						other								
			<b>Topographic Position*</b>			<b>Season of Plot Sampling</b>		<b>Physiognomy*</b>		<b>Additional Notes:</b>				
			<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"/> Low slope (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		(Representativeness of the plot to the stand, Successional Status, Stand Maturity, etc.)				
										□ more...				



# Cover Data: CVS Levels 3 & 4

Leader: \_\_\_\_\_ Project: \_\_\_\_\_ Team: \_\_\_\_\_ Plot: \_\_\_\_\_ Date: / / \_\_\_\_\_ Area: \_\_\_\_\_ 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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						2									
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