

Outline of Soil Measurements

Erosion and Compaction (Subplots 1, 2, 3, and 4)

<p>Erosion:</p> <ul style="list-style-type: none"> • Estimate % bare soil on forested portion of each subplot. 	<p>Compaction:</p> <ul style="list-style-type: none"> • Look for evidence of compaction on each subplot. • Estimate % of forested portion of subplot showing evidence of compaction. • Determine type of compaction (rutted trail, compacted trail, compacted area, other).
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Soil Sampling (Subplots 2, 3, and 4)

<p>Subplot 2:</p> <p>Forest Floor Sample:</p> <ul style="list-style-type: none"> • Lay down sampling frame. • Measure thickness of forest floor and litter layer at 4 points (N, S, E, W edges of sampling frame). • Collect all material < 0.25 inch diameter. Discard rocks. <p>Bulk Density Samples (impact corer):</p> <ul style="list-style-type: none"> • 0-10 cm • 10-20 cm <p>Soil Texture:</p> <ul style="list-style-type: none"> • 0-10 cm • 10-20 cm <p>Depth to Restrictive Layer:</p> <ul style="list-style-type: none"> • Insert tile probe in center and N, S, E, W edges of sampling frame. • Record median depth of restrictive layer (max = 50 cm). • If no restrictive layer exists, code "50". 	<p>Subplots 3 and 4:</p> <p>Forest Floor Sample:</p> <ul style="list-style-type: none"> • Lay down sampling frame • Measure thickness of forest floor and litter layer at 4 points (N, S, E, W edges of sampling frame). • Collect all material < 0.25 inch diameter. Discard rocks. <p>Depth to Restrictive Layer:</p> <ul style="list-style-type: none"> • Insert tile probe in center and N, S, E, W edges of sampling frame. • Record median depth of restrictive layer (max = 50 cm). • If no restrictive layer exists, code "50".
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