

III-D

GENERAL SOIL GROUP DESCRIPTIONS AND RESOURCE MANAGEMENT CONCERNS FOR LAND USES

<p>GLACIOFLUVIAL: Soils dominated by water sorted sandy or gravelly materials mainly at lower elevations throughout Vermont.</p>	<p>Concentrated flow erosion</p> <p>Surface water quality</p> <p>Upland wildlife habitat</p>	<p>C, D, F, FS, U</p> <p>ALL</p> <p>C, F, H, P</p>
<p>Concerns</p> <p>Applicable Land Use</p>	<p>GLACIAL TILL: Soils formed in glacial till (fine textured soils with restrictive layers over till).</p>	<p>Concerns</p> <p>Applicable Land Use</p>
<p>Sheet and rill erosion</p> <p>Concentrated flow</p> <p>Droughtiness</p> <p>Surface water quality</p> <p>Plants adapted to dry condition</p> <p>Livestock forage production</p> <p>Forest wildlife habitat</p>	<p>C, D, FS, U</p> <p>C, D, F, FS, U</p> <p>ALL</p> <p>ALL</p> <p>ALL</p> <p>C, H, P, FS</p> <p>F</p>	<p>Concerns</p> <p>Applicable Land Use</p> <p>Sheet and rill erosion</p> <p>Concentrated flow erosion</p> <p>Surface water quality</p> <p>Plants adapted to wet soils</p> <p>Livestock forage production</p> <p>Wetland wildlife habitat</p>
<p>MARINE AND LACUSTRINE: Soils dominated by water sorted silty, sandy, and clayey materials in the Champlain valley.</p>	<p>Concerns</p> <p>Applicable Land Use</p>	<p>C, D, FS, U</p> <p>C, D, F, FS, U</p> <p>ALL</p> <p>ALL</p> <p>C, H, P</p> <p>F, H, P</p>
<p>Sheet and rill erosion</p>	<p>C, D, F, FS, U</p>	<p>ALLUVIAL: Soils formed in unconsolidated water sorted, fine to coarse textured, materials along water courses throughout Vermont.</p>

Concerns Applicable

Land Use

Sheet and rill erosion C, D, FS, U

III

Concentrated flow
erosion

C, D, F,
FS, U

DISTURBED LAND – Area where vegetation, topsoil, or overburden is removed or where topsoil, spoil and processed waste is placed.

Ground water quality

C, D, FS,
H, P

FOREST LAND – Land that is primarily used to produce adapted wood crops and provide tree cover for watershed protection, beautification, etc.

Surface water quality
Plants adapted to wet/
dry soils

ALL
ALL

Livestock forage
production

C, H, P

Wetland wildlife habitat

F,H, P

FARMSTEAD – Land that is primarily used for dwellings, barns, pens, corrals, gardens and other uses in connection with operating farms or ranches.

***LEGEND:**

- C-Cropland**
- D-Disturbed land**
- F-Forest land**
- FS-Farmstead**
- H-Hayland**
- P-Pastureland**
- U-Urban land**

HAYLAND – Land that is primarily used for the production of hay from long-term stands of adapted forage plants.

***Definitions:**

CROPLAND – Land that is primarily used for the production of adapted cultivated and close-growing crops for harvest, alone or in association with sod crops.

PASTURELAND – Land that is primarily used for the production of adapted domesticated forage plants for livestock.

URBAN LAND – Land areas covered by street, parking lots, buildings and other urban structures.