

**FaC: Farmington extremely rocky loam, 5 to 20 percent slopes**

The Farmington component makes up 80 percent of the map unit. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is low. This component is on ridges on glaciated uplands. The parent material consists of coarse-loamy till. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches.

|                                         |                      |                                      |
|-----------------------------------------|----------------------|--------------------------------------|
| Important farmland classification: NPSL | Land capability: 4 e | Vermont Agricultural Value Group: 8e |
|-----------------------------------------|----------------------|--------------------------------------|

Vermont Residential Onsite Waste Disposal Group and Subgroup: IVc

This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The very shallow to shallow depth to bedrock is the limiting condition.

| PHYSICAL and CHEMICAL PROPERTIES |            |                 |            |                    |                      |                      | EROSION FACTORS |     |   |
|----------------------------------|------------|-----------------|------------|--------------------|----------------------|----------------------|-----------------|-----|---|
| Soil name                        | Depth (In) | Typical texture | Clay (Pct) | Soil reaction (pH) | Permeability (In/Hr) | Organic matter (Pct) | Kw              | Kf  | T |
| Farmington                       | 0-7        | L               | 10-27      | 5.1 - 7.3          | 0.6-2                | 2.0-6.0              | .28             | .28 | 1 |
|                                  | 7-17       | SIL             | 10-27      | 5.6 - 7.8          | 0.6-2                | 0.0-1.0              | .43             | .43 |   |
|                                  | 17-27      | UWB             | ---        | ---                | 0.01-20              | ---                  | ---             | --- |   |

| WATER FEATURES |                  |                                           |           |          |           | SOIL FEATURES |              |                                    |
|----------------|------------------|-------------------------------------------|-----------|----------|-----------|---------------|--------------|------------------------------------|
| Soil name      | Hydrologic group | Depth to seasonal high water table (Feet) | Flooding  |          | Ponding   |               | Hydric soil? | Depth to bedrock (range in inches) |
|                |                  |                                           | Frequency | Duration | Frequency | Duration      |              |                                    |
| Farmington     | D                | ---                                       | None      |          | None      |               | No           | 10-20                              |

| LAND USE LIMITATIONS |                           |              |                       | AGRICULTURAL YIELD DATA |              |
|----------------------|---------------------------|--------------|-----------------------|-------------------------|--------------|
| Soil name            | Land use                  | Rating       | Reason **             | Crop name               | Yield / acre |
| Farmington           | Dwellings with basements: | Very limited | Depth to hard bedrock | Pasture                 | 5.5 AUM      |
| Farmington           | Pond reservoir areas:     | Very limited | Depth to bedrock      | Grass-legume hay        | 3 Tons       |

| WOODLAND MANAGEMENT |                            |                   |        |                                                                                                                                                                                                                                                      |
|---------------------|----------------------------|-------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Soil name           | Management concern         | Rating            | Reason | Vermont natural communities                                                                                                                                                                                                                          |
| Farmington          | Harvest equip operability: | Well suited       |        | Mesic Maple-Ash-Hickory-Oak Forest, Transition Hardwoods Limestone Forest Variant, Limestone Bluff Cedar-Pine Forest, Temperate Calcareous Outcrop, Northern Hardwoods Limestone Forest Variant, Temperate Calcareous Cliff, Boreal Calcareous Cliff |
| Farmington          | Road suitability:          | Moderately suited | Slope  |                                                                                                                                                                                                                                                      |
| Farmington          | Erosion hazard (off-road): | Slight            |        |                                                                                                                                                                                                                                                      |