

100C: Tunbridge-Peru complex, 8 to 15 percent slopes, rocky

Important farmland classification: Statewide Land capability: 3 e Vermont Agricultural Value Group: 5

| 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 |
| Tunbridge, rocky | 0-7 | FSL | 1-10 | 3.5 - 6.0 | 0.1-14 | 4.0-13 | .32 | .32 | 2 |
| | 7-8 | FSL | 1-10 | 3.5 - 6.0 | 0.1-14 | 3.1-25 | .37 | .37 | |
| | 8-23 | FSL | 1-10 | 3.5 - 6.0 | 0.1-14 | 2.2-18 | .37 | .37 | |
| | 23-25 | FSL | 1-10 | 5.1 - 6.5 | 0.1-14 | 1.0-4.2 | .43 | .43 | |
| | 25-35 | BR | --- | --- | 0.001-14 | --- | --- | --- | |
| Peru, rocky | 0-6 | FSL | 2-10 | 3.5 - 6.5 | 0.1-14 | 4.0-13 | .37 | .37 | 3 |
| | 6-8 | FSL | 1-10 | 3.5 - 6.5 | 0.1-14 | 5.0-12 | .37 | .37 | |
| | 8-12 | FSL | 1-10 | 3.5 - 6.5 | 0.1-14 | 4.0-10 | .43 | .43 | |
| | 12-18 | FSL | 1-10 | 3.5 - 6.5 | 0.1-14 | 2.0-6.0 | .37 | .37 | |
| | 18-21 | FSL | 1-10 | 3.5 - 6.5 | 0.1-14 | 2.0-6.0 | .43 | .43 | |
| | 21-24 | FSL | 1-10 | 3.5 - 6.5 | 0.1-14 | 0.5-2.0 | .55 | .55 | |
| | 24-65 | SL | 1-10 | 3.5 - 6.5 | 0.01-1 | 0.0-1.0 | .43 | .43 | |

| 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 | | |
| Tunbridge, rocky | C | --- | None | | None | | No | 20-39 |
| Peru, rocky | C/D | 1.3-2.5 | None | | None | | No | --- |

| LAND USE LIMITATIONS | | | | AGRICULTURAL YIELD DATA | |
|----------------------|---------------------------|--------------|-------------------------|-------------------------|--------------|
| Soil name | Land use | Rating | Reason ** | Crop name | Yield / acre |
| Tunbridge, rocky | Dwellings with basements: | Very limited | Depth to hard bedrock | Corn silage | 18 Tons |
| Peru, rocky | Dwellings with basements: | Very limited | Depth to saturated zone | Grass-legume hay | 3.5 Tons |
| Tunbridge, rocky | Pond reservoir areas: | Very limited | Slope | Grass-clover | 5.6 AUM |
| Peru, rocky | Pond reservoir areas: | Very limited | Slope | | |

| WOODLAND MANAGEMENT | | | | Vermont natural communities |
|---------------------|----------------------------|-------------------|--------------------------|-----------------------------|
| Soil name | Management concern | Rating | Reason | |
| Tunbridge | Harvest equip operability: | Well suited | | |
| Peru | Harvest equip operability: | Moderately suited | 30-60cm to water table 1 | |
| Tunbridge | Road suitability: | Moderately suited | Slope | |
| Peru | Road suitability: | Moderately suited | Slope | |
| Tunbridge | Erosion hazard (off-road): | Slight | | |
| Peru | Erosion hazard (off-road): | Moderate | Slope/erodibility | |