

104C: Urban land-Adams-Nicholville complex, 8 to 15 percent slopes

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|---|----------------------|--------------------------------------|
| Important farmland classification: NPSL | Land capability: 8 s | Vermont Agricultural Value Group: 11 |
|---|----------------------|--------------------------------------|

| 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 |
| Urban land | | | | | | | | | --- |
| Adams | 0-7 | LS | 2-6 | 4.2 - 5.4 | 1-14 | 2.0-5.0 | .15 | .15 | 5 |
| | 7-21 | S | 2-5 | 4.4 - 5.6 | 1-100 | 1.0-3.0 | .20 | .20 | |
| | 21-27 | S | 1-4 | 4.8 - 5.8 | 1-100 | 0.5-1.5 | .10 | .10 | |
| | 27-65 | S | 0-3 | 5.1 - 6.1 | 14-100 | 0.0-0.5 | .05 | .05 | |
| Nicholville | 0-7 | VFSL | 5-18 | 4.2 - 5.2 | 0.1-1 | 2.0-6.0 | .37 | .37 | 5 |
| | 7-19 | VFSL | 5-18 | 4.5 - 5.5 | 0.1-1 | 1.0-4.0 | .43 | .43 | |
| | 19-30 | VFSL | 5-18 | 5.0 - 6.0 | 0.1-1 | 1.0-2.0 | .55 | .55 | |
| | 30-65 | LVFS | 2-13 | 5.5 - 6.5 | 0.1-14 | 0.0-1.0 | .64 | .64 | |

| 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 | | |
| Urban land | --- | --- | None | | None | | Unranked | --- |
| Adams | A | --- | None | | None | | No | --- |
| Nicholville | C | 1.5-2.5 | None | | None | | No | --- |

| LAND USE LIMITATIONS | | | | AGRICULTURAL YIELD DATA | |
|----------------------|---------------------------|------------------|-------------------------|-------------------------|--------------|
| Soil name | Land use | Rating | Reason ** | Crop name | Yield / acre |
| Urban land | Dwellings with basements: | Not rated | | | |
| Nicholville | Dwellings with basements: | Very limited | Depth to saturated zone | | |
| Adams | Dwellings with basements: | Somewhat limited | Slope | | |
| Urban land | Pond reservoir areas: | Very limited | Slope | | |
| Nicholville | Pond reservoir areas: | Very limited | Slope | | |
| Adams | Pond reservoir areas: | Very limited | Seepage | | |

| WOODLAND MANAGEMENT | | | | |
|---------------------|----------------------------|-------------------|--------------------------|-----------------------------|
| Soil name | Management concern | Rating | Reason | Vermont natural communities |
| Urban land | Harvest equip operability: | Not rated | Not rated, no horizon da | |
| Nicholville | Harvest equip operability: | Moderately suited | 30-60cm to water table 1 | |
| Adams | Harvest equip operability: | Well suited | | |
| Urban land | Road suitability: | Not rated | Not rated, no horizon da | |
| Nicholville | Road suitability: | Moderately suited | Slope | |
| Adams | Road suitability: | Moderately suited | Slope | |
| Urban land | Erosion hazard (off-road): | Not rated | Not rated, no horizon da | |
| Nicholville | Erosion hazard (off-road): | Slight | | |
| Adams | Erosion hazard (off-road): | Slight | | |