

**6B: Adams loamy sand, 3 to 8 percent slopes**

|                                              |                      |                                     |
|----------------------------------------------|----------------------|-------------------------------------|
| Important farmland classification: Statewide | Land capability: 3 s | Vermont Agricultural Value Group: 6 |
|----------------------------------------------|----------------------|-------------------------------------|

| 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 |
|                                  |            |                 |            |                    |                      |                      |                 |     |   |
| 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 |   |

| 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      |              |                                    |
| Adams          | A                | ---                                       | None      |          | None      |               | No           | ---                                |

| LAND USE LIMITATIONS |                           |              |           | AGRICULTURAL YIELD DATA |              |
|----------------------|---------------------------|--------------|-----------|-------------------------|--------------|
| Soil name            | Land use                  | Rating       | Reason ** | Crop name               | Yield / acre |
| Adams                | Dwellings with basements: | Not limited  |           | Blueberries             | 3000 Lbs     |
| Adams                | Pond reservoir areas:     | Very limited | Seepage   | Corn silage             | 16 Tons      |
|                      |                           |              |           | Grass-legume hay        | 4 Tons       |
|                      |                           |              |           | Pasture                 | 4.5 AUM      |

| WOODLAND MANAGEMENT |                            |             |        |                             |
|---------------------|----------------------------|-------------|--------|-----------------------------|
| Soil name           | Management concern         | Rating      | Reason | Vermont natural communities |
| Adams               | Harvest equip operability: | Well suited |        |                             |
| Adams               | Road suitability:          | Well suited |        |                             |
| Adams               | Erosion hazard (off-road): | Slight      |        |                             |