

**LTA: 212Xe05**NAME:  
Perkinstown MorainesACRES:  
172651.45SQUARE MILES:  
269.768**DESCRIPTION:**

The characteristic landform pattern is hilly collapsed moraine. Soils are predominantly well drained loamy soils over dense, acid sandy loam till. Common habitat types include ATM, forested lowland, hydromesic, AViO/AH, and TMC.

**CLIMATE**

| CODE | PERCENT |
|------|---------|
| 23   | 8       |
| 24   | 3       |
| 33   | 3       |
| 36   | 60      |
| 40   | 25      |
| 43   | 1       |

**GEOLOGY**
**BEDROCK TYPE DESCRIPTION**  
 Igneous, Metamorphic, and Volcanic Rock

**AVERAGE DEPTH TO BEDROCK**  
 10000

**BEDROCK DEPTH DESCRIPTION**  
 Bedrock is between 100 feet and 50 feet of the land surface
**GEOMORPHOLOGY**
**GEOMORPHOLOGY PROCESS**  
 Till and Lake Deposition

**TOPOGRAPHY**  
 Hilly
**SURFACE**

Hummocky Morained with Ice-Walled Lake Plains

**SOIL INFORMATION****SOIL ASSOCIATIONS**

Newwood-Newot-Freeon-Comstock-Lupton

**SOIL DESCRIPTION**

Moderately well drained and well drained loamy and silty soils with a sandy loam or silt loam surface over non-calcareous sandy loam dense till or silt loam lacustrine, along with very poorly drained nonacid organic soils.

**SURFACE TEXTURES**  
 SL-SIL-MK

**GENERAL TEXTURES**  
 Loamy-Silty-Mucky

**FAMILY TEXTURES**  
 COL-FISI-SP

**DRAINAGE CLASSES**  
 MWD-WD-SPD-VPD
**PARENT MATERIAL**

Dense\_Till-Lacustrine-Organic

**KOTAR'S HABITAT**

| HABITAT 1 | HABITAT 2 | HABITAT 3  | HABITAT 4 | HABITAT 5 | HABITAT 6 |
|-----------|-----------|------------|-----------|-----------|-----------|
| ATM       | Lowland   | Hydromesic | AViO/AH   | TMC       |           |

\*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

**WISCLAND LAND COVER**

| COVER TYPE CLASS               | ACRES | PERCENT |
|--------------------------------|-------|---------|
| Agricultural Land              | 12179 | 7       |
| Bare Land                      | 1058  | 1       |
| Forested Wetland               | 20568 | 12      |
| Grassland                      | 9669  | 6       |
| High Intensity Urban Area      | 68    | 0       |
| Low Intensity Urban Area       | 10    | 0       |
| Nonforested Wetland            | 10731 | 6       |
| Open Water                     | 4768  | 3       |
| Shrubland                      | 870   | 1       |
| Upland Broad-leaved Deciduous  | 89791 | 53      |
| Upland Coniferous Forest       | 7351  | 4       |
| Upland Mixed Deciduous/Conifer | 12971 | 8       |

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

| CODE         | PERCENT | DEFINITION   |
|--------------|---------|--|
| Hydrographic | 0       | Water  |
| BF           | 1       | White Spruce, Balasam Fir, Tamarack, White Cedar, White Birch, Aspen |
| HH/P         | 91      | Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine             |
| SC           | 2       | Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock        |

**HYDROLOGY**

| PERENNIAL STREAMS | INTERMITTENT STREAMS | OPEN WATER | MARSH ACRES | DEPTH TO AQUIFER | SURFACE DRAINAGE |
|-------------------|----------------------|------------|-------------|------------------|------------------|
| 162 Miles         | 69 Miles             | 2841 Acres | 14967 Acres | 0'-20'           | rectangular      |