

LTA: 212Xe08

NAME:
Summit Lake Moraines

ACRES:
51985.242

SQUARE MILES:
81.227

DESCRIPTION:

The characteristic landform pattern is rolling collapsed moraine. Soils are predominantly well drained silt loam over outwash. Common habitat types include AH/AViO, ATM, forested lowland, and TMC.

CLIMATE

| CODE | PERCENT |
|------|---------|
| 33 | 80 |
| 43 | 2 |
| 44 | 18 |

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
Glacial Meltwater Deposition

TOPOGRAPHY
Rolling

SURFACE
Collapsed Outwash Plain

SOIL INFORMATION

SOIL ASSOCIATIONS

Antigo-Pence-Padus-Kennan-Keweenaw-Seelyville

SOIL DESCRIPTION

Well drained loamy and sandy soils with a silt loam or sandy loam surface over non-calcareous gravelly sand outwash or loamy sand till, along with very poorly drained nonacid organic soils.

SURFACE TEXTURES
SIL-SL-MK

GENERAL TEXTURES
Loamy-Sandy-Mucky

FAMILY TEXTURES
COL/SSK-S-SP

DRAINAGE CLASSES
WD-VPD

PARENT MATERIAL
Outwash-Till-Organic

KOTAR'S HABITAT

| HABITAT 1 | HABITAT 2 | HABITAT 3 | HABITAT 4 | HABITAT 5 | HABITAT 6 |
|-----------|-----------|-----------|-----------|-----------|-----------|
| AH/AViO | ATM | Lowland | 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 | 767 | 2 |
| Bare Land | 1512 | 3 |
| Forested Wetland | 5213 | 10 |
| Grassland | 1817 | 4 |
| High Intensity Urban Area | 199 | 0 |
| Nonforested Wetland | 3360 | 7 |
| Open Water | 1210 | 2 |
| Shrubland | 1244 | 3 |
| Upland Broad-leaved Deciduous | 31723 | 64 |
| Upland Coniferous Forest | 1284 | 3 |
| Upland Mixed Deciduous/Conifer | 1397 | 3 |

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

| CODE | PERCENT | DEFINITION |
|--------------|---------|---|
| Hydrographic | 2 | Water |
| HH/P | 79 | Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine |
| NH/P | 5 | Sugar Maple, Yellow Birch, White Pine, Red Pine |
| PW/PR | 1 | White Pine, Red Pine |
| ABW/P | 1 | Aspen, White Birch, Pine |
| SC | 9 | Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock |

HYDROLOGY

| PERENNIAL STREAMS | INTERMITTENT STREAMS | OPEN WATER | MARSH ACRES | DEPTH TO AQUIFER | SURFACE DRAINAGE |
|-------------------|----------------------|------------|-------------|------------------|------------------|
| 36 Miles | 0 Miles | 1390 Acres | 5453 Acres | 20'-50' | deranged |