

**LTA: 212Qd05**NAME:  
DuBay PlainsACRES:  
92320SQUARE MILES:  
144.25**DESCRIPTION:**

The characteristic landform pattern is nearly level outwash plain, stream terrace, and floodplain complex. Soils are predominantly well drained loamy sand over outwash. Common habitat types include forested lowland, ATM-As, PVG, AH, and TMC.

**CLIMATE**

CODE	PERCENT
43	6
45	3
54	82
68	9

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

**AVERAGE DEPTH TO BEDROCK**  
 5005

**BEDROCK DEPTH DESCRIPTION**  
 Bedrock is between 50 feet and 5 feet of the land surface
**GEOMORPHOLOGY**
**GEOMORPHOLOGY PROCESS**  
 Glacial Meltwater Deposition

**TOPOGRAPHY**  
 Nearly Level

**SURFACE**  
 Outwash Plain
**SOIL INFORMATION****SOIL ASSOCIATIONS**

Mahtomedi-Dunnville-Fordum-Sturgeon, Markey-Seelyeville

**SOIL DESCRIPTION**

Excessively drained and well drained sandy and loamy soils with a loamy sand or sandy loam surface over non-calcareous sand outwash, along with loamy and sandy alluvial soils.

**SURFACE TEXTURES**  
 LS-SL

**GENERAL TEXTURES**  
 Sandy-Loamy

**FAMILY TEXTURES**  
 S-COL

**DRAINAGE CLASSES**  
 ED-WD-PD-MWD

**PARENT MATERIAL**  
 Outwash-Alluvium
**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	ATM-As	PVG	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	13084	14
Bare Land	771	1
Forested Wetland	9034	10
Grassland	11485	12
High Intensity Urban Area	7103	8
Low Intensity Urban Area	3851	4
Nonforested Wetland	7737	8
Open Water	10344	11
Shrubland	578	1
Upland Broad-leaved Deciduous	17599	19
Upland Coniferous Forest	6398	7
Upland Mixed Deciduous/Conifer	4328	5

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	10	Water
HH/P	51	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	5	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	12	White Pine, Red Pine
PJ/OX	5	Jack Pine, Scrub Oak and Barrens
ABW/P	1	Aspen, White Birch, Pine
NH/O	0	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	3	Oak - Black, White, and Burr Oak
UB	1	Brush
SC	6	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	0	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
227 Miles	44 Miles	10513 Acres	3211 Acres	0'-20'	dendritic