

**LTA: 212Jc05**NAME:  
Valhalla/Marenisco (McDonald) MorainesACRES:  
263922.43SQUARE MILES:  
412.379**DESCRIPTION:**

The characteristic landform pattern is rolling collapsed moraine. Soils are predominantly well drained fine sandy loam over acid sandy loam till or outwash. Common habitat types include forested lowland, TMC, hydromesic, and ATM.

**CLIMATE**

CODE	PERCENT
15	4
17	82
19	13
23	1
25	0
30	0

**GEOLOGY**BEDROCK TYPE DESCRIPTION  
Igneous, Metamorphic, and Volcanic RockAVERAGE DEPTH  
TO BEDROCK  
10000BEDROCK DEPTH  
DESCRIPTION  
Bedrock is between 100 feet and 50 feet of the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS  
Till and Glacial Meltwater DepositionTOPOGRAPHY  
RollingSURFACE  
Hummocky Moraine**SOIL INFORMATION**SOIL ASSOCIATIONS  
Gogebic-Padus-Annalake-LuptonSOIL DESCRIPTION  
Moderately well drained and well drained loamy and sandy soils with a fine sandy loam surface over non-calcareous sandy loam till, gravelly sand outwash, or loamy/sandy lacustrine, along with very poorly drained nonacid organic deposits.SURFACE TEXTURES  
FSL-MKGENERAL TEXTURES  
Loamy-MuckyFAMILY TEXTURES  
COL-SPDRAINAGE CLASSES  
MWD-WD-VPDPARENT MATERIAL  
Till-Outwash-Organic-Lacustrine**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	TMC	Hydromesic	ATM		

\*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	1179	0
Bare Land	878	0
Forested Wetland	49699	20
Grassland	4613	2
High Intensity Urban Area	29	0
Low Intensity Urban Area	22	0
Nonforested Wetland	21452	8
Open Water	6847	3
Shrubland	2914	1
Upland Broad-leaved Deciduous	123564	49
Upland Coniferous Forest	12241	5
Upland Mixed Deciduous/Conifer	30488	12

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BF	2	White Spruce, Balasam Fir, Tamarack, White Cedar, White Birch, Aspen
HH/P	55	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	8	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	3	White Pine, Red Pine
PJ/OX	0	Jack Pine, Scrub Oak and Barrens
ABW/P	0	Aspen, White Birch, Pine
OO	1	Oak - Black, White, and Burr Oak
SC	16	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
281 Miles	35 Miles	4465 Acres	26191 Acres	20'-50'	rectangular