

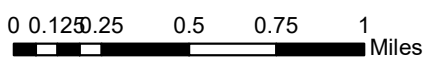
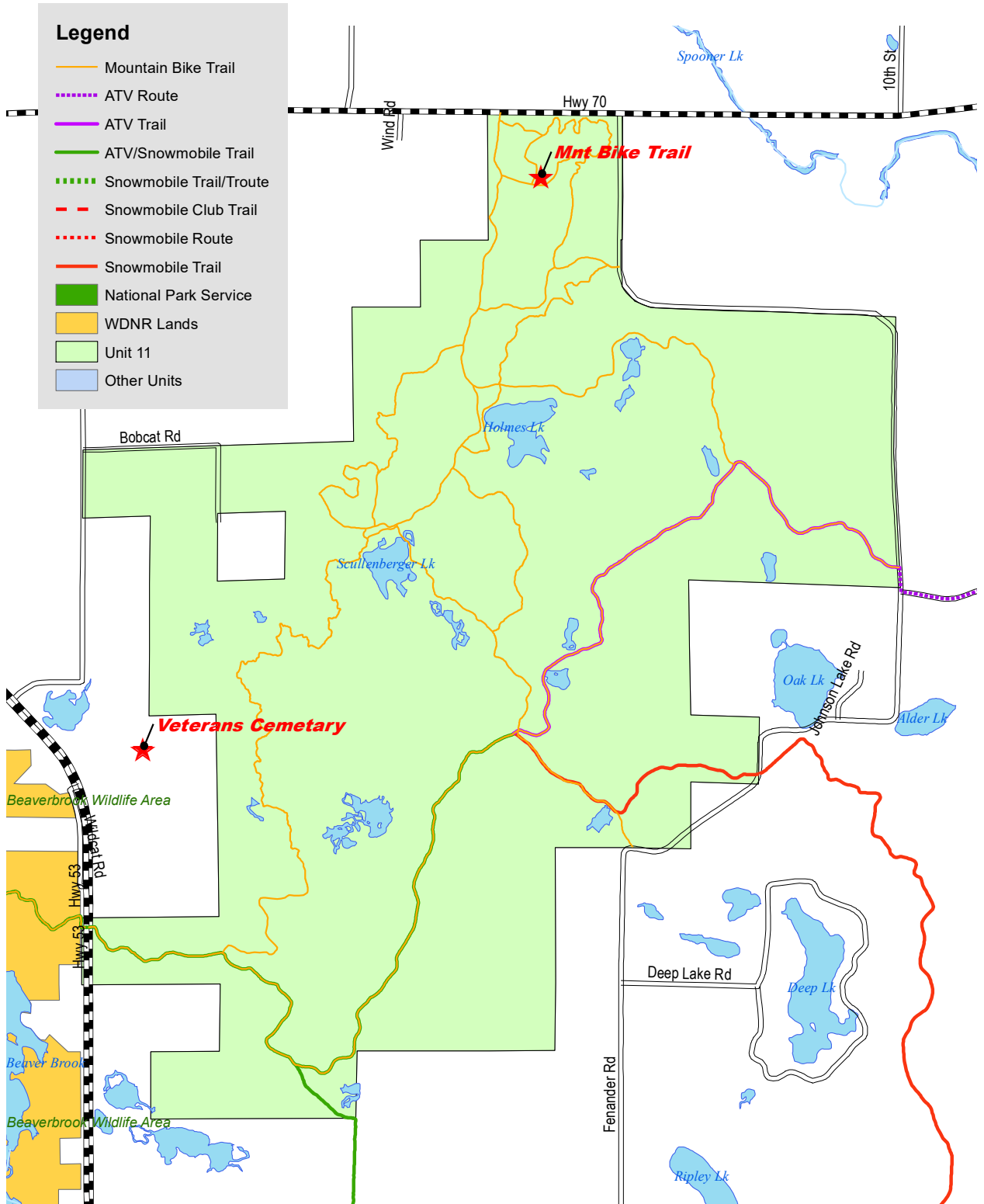
WASHBURN COUNTY FOREST COMPREHENSIVE LAND USE PLAN
INTEGRATED RESOURCE MANAGEMENT UNITS
CHAPTER 3000.11 – FENANDER UNIT

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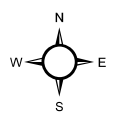
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*Approved by Washburn County Board of Supervisors October 19, 2021
No Revisions*

3000.11.1 RESOURCE MAP



3000.11-3



3000.11.2 COMPARTMENTS 17, 106
 3000.11.3 ACRES 3,793
 3000.11.4 FOREST TYPES

FOREST TYPE	1995 ACRES	1995 PERCENT	2005 ACRES	2005 PERCENT	2020 ACRES	2020 PERCENT
RED OAK	2450	64.7%	2373	62.5%	2302	60.6%
ASPEN	1089	28.7%	1011	26.7%	1049	27.7%
NON FORESTED WETLAND	114	3.0%	192	5.1%	207	5.5%
WATER	87	2.2%	86	2.3%	80	2.1%
WHITE BIRCH	8	0.2%	39	1.0%	80	2.1%
LOWLAND BRUSH	15	0.4%	32	0.8%	37	1.0%
NORTHERN HARDWOOD	27	0.7%	60	1.6%	27	0.7%
ROW	0	0.0%	0	0.0%	11	0.3%
GRASS	3	0.1%	0	0.0%	0	0.0%
TOTAL	3793	100.00%	3793	100.00%	3793	100.00%

**changes from 1995 to 2005 are to be used for general comparison. Certain data sets are calculated due to restructuring of IRMU units in 2020. Other changes may reflect changes in mapping accuracy or changes in forest type definitions. 1995 and 2005 data is an estimate based on prior reported percentages applied to current acreage.*

3000.11.5 ECOLOGICAL LANDSCAPES

This unit lies completely within the Forest Transition Landscape. This landscape allows for management opportunities of a wide variety of forests ranging from dry-mesic, mesic to wet mesic types. Management is generally driven by forest habitat types and current stand conditions.

3000.11.6 LANDFORMS

Landforms within this unit are rolling collapsed moraines with outwash terraces and ice walled lake plains. (*Late St. Croix Moraines Land Type Association*)

3000.11.7 SOILS

Upland soils in this unit are primarily sandy loams (*Amery-Rosholt complex; Haugen-Rosholt complex; Haugen, very stony-Haugen complex; Haugen, very stony-Greenwood complex; and others*) and areas of silt loam in the northeast and west (*Freeon, very stony and Freeon silt loams; Magnor, very stony and Magnor silt loams; and others*). Hydric soils are scattered throughout and are a majority peat (*Greenwood and Beseman soils*) and other components of muck (*Seelyeville and Cathro soils; and Minocqua muck*).

3000.11.8 FOREST HABITAT TYPES

The upland forest habitat types in this unit are nearly equally split between AAt and AVDe.

The AVDe habitats provide opportunities for early successional management of primarily aspen, as well as opportunities for red oak management, although on a shorter rotation basis and generally lower quality and less vigorous growth. Pine management, both natural and plantation are also options on a limited basis.

AAt is the principal habitat for hardwood management in the area. The potential for oak management is high and aspen and birch show excellent growth. Northern hardwood, while not optimal for the sites, can show good growth.

This unit is dominated by northern red oak, the differences between these two habitat types may result in differences in management prescriptions.

See Section 810.1.3 for more information on forest habitat types.

3000.11.9 WATER RESOURCES

All of the water resources in this unit are part of the Shell Lake-Yellow River watershed, with flow generally running north and north east to Crystal Brook and the Yellow River, then westerly to the St. Croix River.

Lakes with County Forest Frontage

Name	Acres	Frontage	Fishery	Designations
None				

Lakes within County Forest

Name	Acres	Fishery	Designations
Schullenberger Lake	15.4	Yes	None
Holmes Lake	22.2	No	None
15 unnamed ponds	42.2	No	None

Rivers and Stream within County Forest

Name	Miles	Type	Fishery	Designations
None				

3000.11.10 RECREATION

- Given the proximity to Spooner, this unit likely receives some of the highest hunting use of anywhere on the forest.
- Schullenberger Lake has fishing opportunities although access is restricted to walk in only.
- The Wildcat Mountain Bike Trail system and trail head lies in the northern portions of this unit. Trails are a mixture of ATV trail, logging roads, and single track.
- The Beaverbrook ATV trail crosses through the center of this unit, which is a major trail connecting Spooner and the Wild River Trail to the Birchwood Area.
- Snowmobile Trail 4 & 6 also cross this unit. A portion of which is shared with the ATV Trail.

3000.11.11 HISTORICAL, CULTURAL, ARCHEOLOGICAL

- There are no known historical, cultural or archeological resources within this unit.

3000.11.12 PROTECTION NEEDS

- Oak wilt is a major concern in this unit given the large areas of northern red oak.
- Given the mesic nature of the forest here, fire danger is a minimal concern.
- Two-lined chestnut borer can cause impacts on stressed trees and it is recommended that logging stress be avoided during drought years.

3000.11.13 AESTHETICS

- Schullenberger and Holmes Lakes are considered aesthetic zones. Management prescriptions will be tailored to minimize visual impact from the lake as well as pushing forest types adjacent to the water's edge to longer lived tree species.
- Highway 70 is an Aesthetic Zone. While there are not specific mitigating techniques prescribed here, management will generally be tailored to minimize the aesthetic impact of even aged harvests. As a general philosophy, management will not be hidden, but visual impact should be mitigated through staggered harvest, irregular boundaries, and possibly conversion to northern hardwood types.

3000.11.14 LAND CONTROL

Easements to County

- Section 6 T38N-R11W. Easement granted from Crystal Brook Trust to Washburn County for snowmobile trail in 1995. Recorded 240441.

Utility Easements/Agreements

- NE1/4 11 T38N-R12W. Easement for overhead electrical on west 20 feet east of town road granted to Barron Electric in 1980. No evidence of recorded document.

Other

- Section 6 T38N-R11W. Land trade between Washburn County and Crystal Brook Trust to align lands to Fenander Road in 2000. Lands north deeded to Crystal Brook, lands south to Washburn County. Recorded 273460
- County Board Resolution 95-02 sets aside 50 acres (S1/2SWSE, SWSWSE, W1/2NWNE) for the purpose of future Veterans Cemetery expansion. Lands are to be considered for grant or sale to the State of Wisconsin for cemetery purposes only after all existing lands are utilized to the satisfaction of Washburn County.

3000.11.15 FOREST MANAGEMENT GOALS AND GUIDELINES

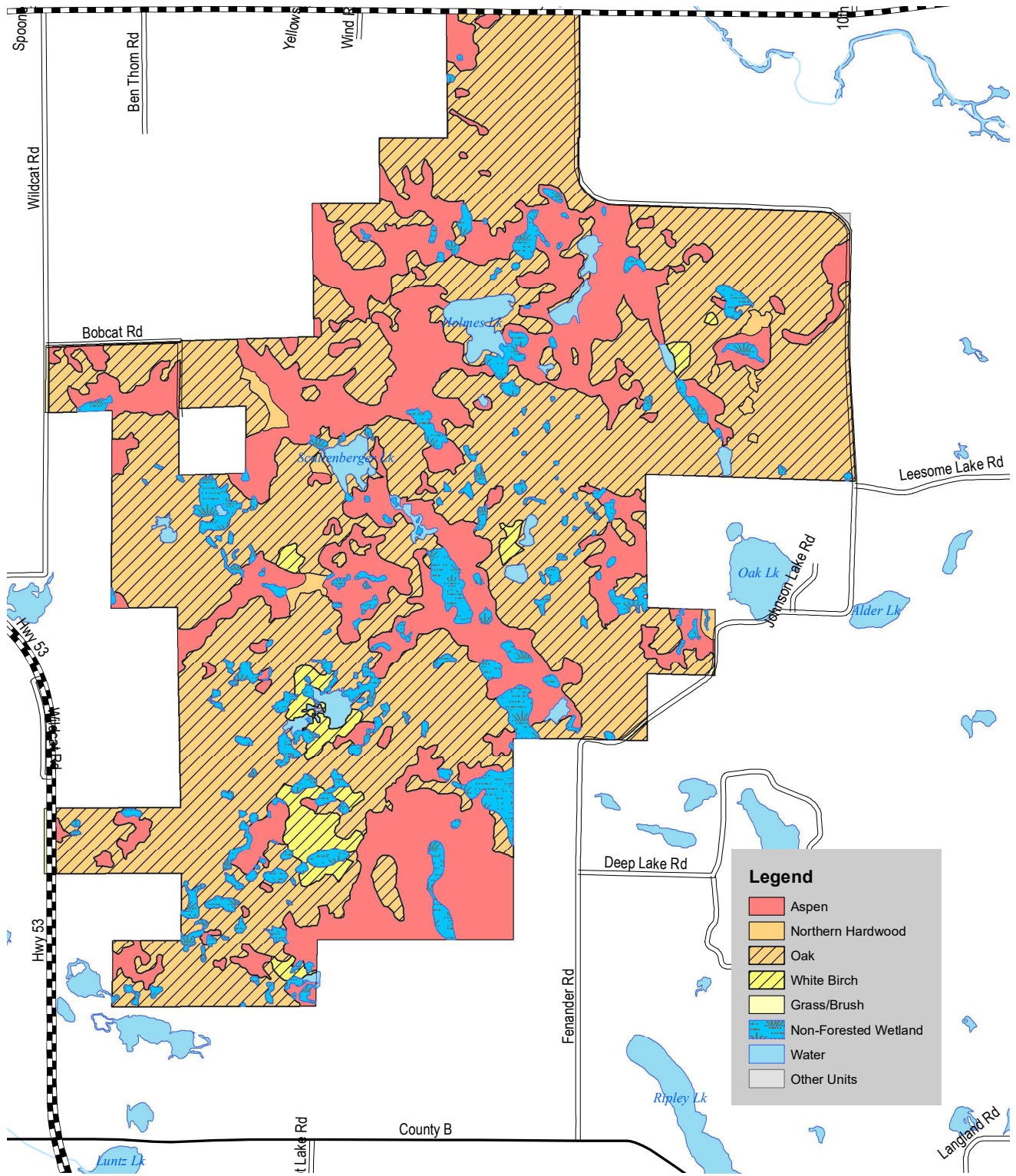
1. The AAt habitat types should provide opportunity for more northern hardwood management in this unit. A priority here should be to look for opportunities to convert red oak stands, where appropriate, to northern hardwood by switching to an un-even aged management system as described in Section 825.9.3.1
2. The unit is dominated by red oak. Unless opportunities present themselves for northern hardwood management as outlined above, look to retain as much red oak as possible within the unit and manage as dictated in Section 825.9.3
3. Aspen is a smaller component of the unit and scattered throughout. The existing acreage of aspen should be recognized as important to maintain.
4. Emphasize the retention of white birch where opportunities arise.
5. Look for opportunities to promote white pine as scattered individuals or as small stands within the unit.

3000.11.16 SITE SPECIFIC MANAGEMENT OPPORTUNITIES

1. The County, as a priority, should pursue the following parcels for acquisition if they come available:
 - NENW Section 23 T38N-R12W

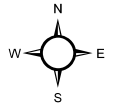
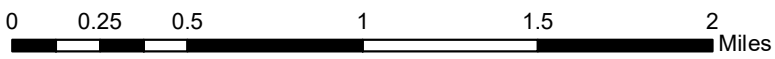
- Government Lot 12 Section 1 T38N-R12W
 - Those parts of NESW & SESW Section 7 T38N-R11W lying west of lakeshore lots.
 - Those parts of Section 18 T38N-R11W lying north and west of Fenander Road
2. Continue to maintain Schullenberger Lake as walk in access only. There are very few public lakes without boat landings or launches and they provide a unique recreational fishery.
 3. Continue to cooperate with local volunteers and help steer the mountain bike trail system development. Work cooperatively with bike trail enthusiasts to manage trail expansions so as to avoid user conflicts.
 4. Consider changing the motorize use status of the main trail leading south from the Mountain Bike trailhead on Highway 70. Recognizing this trail as a non-motorized access would complement bike trail operations.
 5. Continue to manage and maintain the ATV and snowmobile trails within the unit.
 6. As itemized under Section 3000.11.14, there are lands dedicated to future cemetery expansion. Recently, consultants hired by WDVA determined that many of the areas in the existing cemetery ownership are considered wetlands. This determination appears to have been made by consulting WDNR wetland maps, which have a potential wetlands layer. Soil perc tests done in 1998 did not reflect this determination. Before any additional lands are considered for transfer to WDVA, professional delineators should evaluate all unused areas within the 80 acre cemetery ownership.

3000.11.17 GENERAL FOREST TYPES MAP

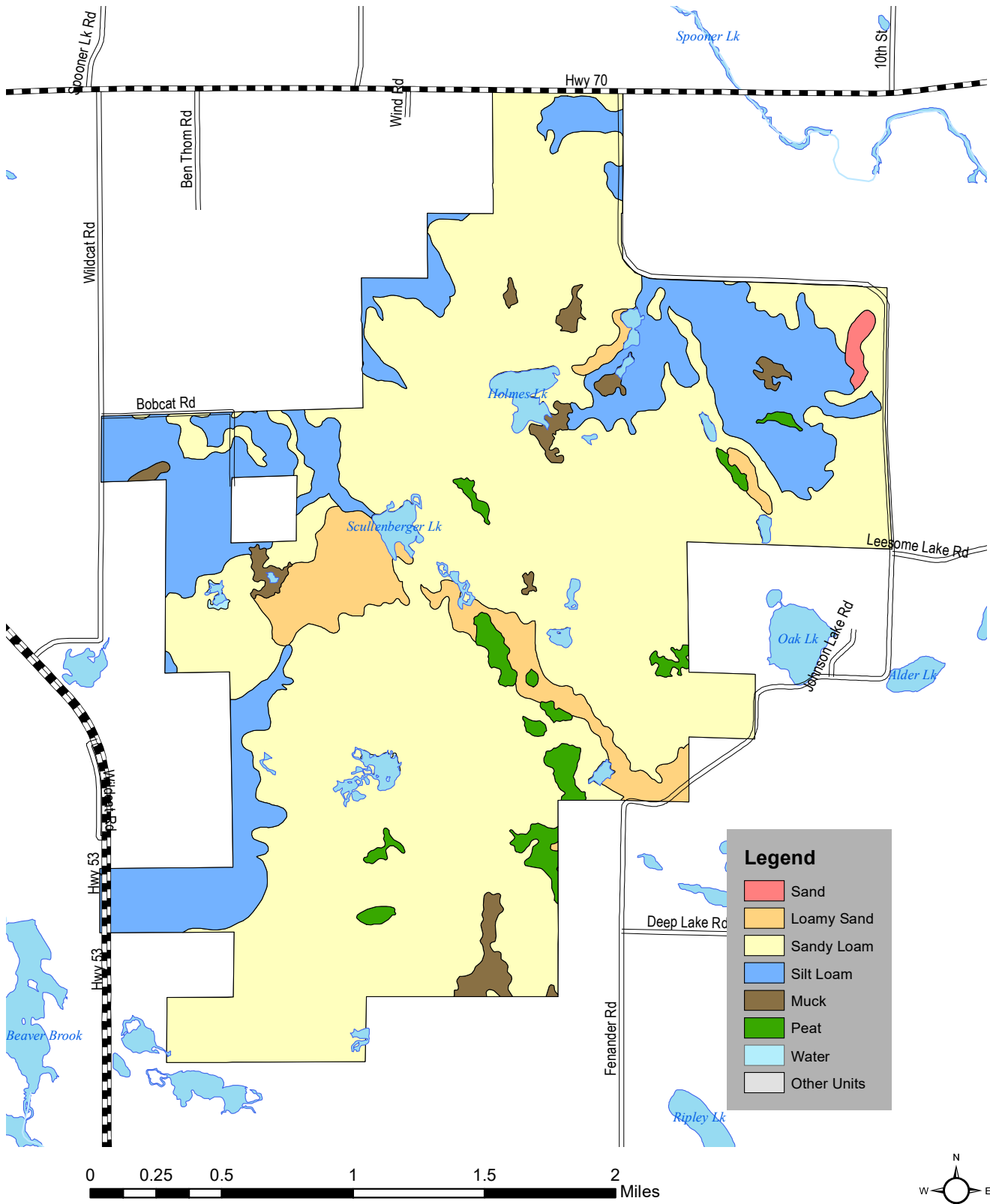


Legend

- Aspen
- Northern Hardwood
- Oak
- White Birch
- Grass/Brush
- Non-Forested Wetland
- Water
- Other Units



3000.11.18 GENERAL SOILS MAP



Legend

- Sand
- Loamy Sand
- Sandy Loam
- Silt Loam
- Muck
- Peat
- Water
- Other Units