



Compartment Review Presentation

Baraga Forest Management Unit

Compartment 11012

Entry Year: 2027

Acreage: 2,869

County: Baraga

Management Area: Keweenaw Bay

Stand Examiner: Fred Hansen

Legal Description:

T49N R34W, Sections 19, 20, 29, 30, 31, 32T48N R34W, Section 5, 6, 7

Identified Planning Goals:

Manage for jack pine.

Soil and topography:

The land is level to slightly rolling. The soil is Grayling sand.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

This is part of a large block of state owned land. USFS owns to the west. DNR is on the north and east. W. E. Energies owns to the south. There is one private parcel on the east side of the compartment. Land use is for timber production. There are some private recreational properties to the east around Big Lake.

Unique Natural Features:

The Sturgeon River flows along the south of the compartment. Tibbits Falls is along this stretch of river. Kirtland's warbler, Frigga fritillary, Freija fritillary and Wood turtle have been documented in the compartment. Pine barrens along western edge of section 31 and in southwestern corner and to se. Pine barrens also just west of section 30. Compartment falls within the Baraga Plains Complex PLU.

Archeological, Historical, and Cultural Features:

There is a shelter along the North Country Trail on the south edge of the compartment.

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

This compartment contains the Sturgeon River. No specific comments other than follow BMP's.

Wildlife Habitat Considerations:

Spruce grouse are found in this compartment. Kirtland warblers have been also been sighted in this compartment. This compartment features habitat for Kirtland's warbler nesting and spruce grouse. Jack pine final harvest and post-harvest treatment should strive to regenerate fully stocked stands. Prefer anchor chaining, instead of trenching followed by seeding or machine planting, because it produces greater variation in tree density and some "skips" in regeneration that become small openings within the stands.

Mineral Resource and Development Concerns and/or Restrictions

The State-owned Baraga Plains sand & gravel pit (Pit #612) is in Sec 31. The pit is not currently leased, but it has been leased in the recent past, with reported production of ~2,000 tons of aggregate on an annual basis on average. There may be some potential for sand & gravel within the compartment on uplands. Potential for metallic and critical minerals in this area is not well known. The Michigamme Formation, which underlies much of the compartment, has been broadly identified as having potential for both, and there are intrusive dikes that cross the area in the subsurface and have some potential to host metallic minerals. However, there has been limited documented mineral exploration or detailed mapping in this vicinity. Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation sub crops below the glacial drift. No active State metallic mineral leases or lease nominations occur in the area. There is no potential for economic oil and gas production in the UP. The State does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights. Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation sub crops below the glacial drift.

Vehicle Access:

Access is good. The Plains road (county road) is on the east side of the compartment. The Gorge Cutoff Road (county road) crosses the compartment. There are some internal logging roads.

Survey Needs:

No survey needed.

Recreational Facilities and Opportunities:

Snowmobile trail 8 uses the pipeline R-O-W. The Baraga Plains ORV trail is partially within this compartment and the trail head is on the Gorge Cutoff Road.

Fire Protection:

This is a jack pine area, and fire is a concern. The Baraga Bump wildfire burnt through this compartment from the north west. The summer cottages around Big Lake (compartment to the east) are a potential fire source.

Additional Compartment Information:

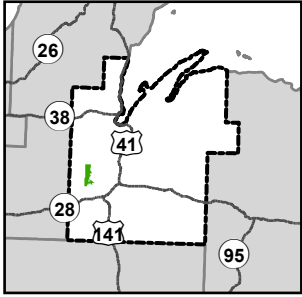
The following reports from the Inventory are attached:






































- Total Acres by Cover Type and Age Class
- Cover Type by Harvest Method
- Proposed Treatments – No Limiting Factors
- Proposed Treatments – With Limiting Factors
- Stand Details (Forested and Nonforested)
- Dedicated and Proposed Special Conservation Areas
- Site Condition Details

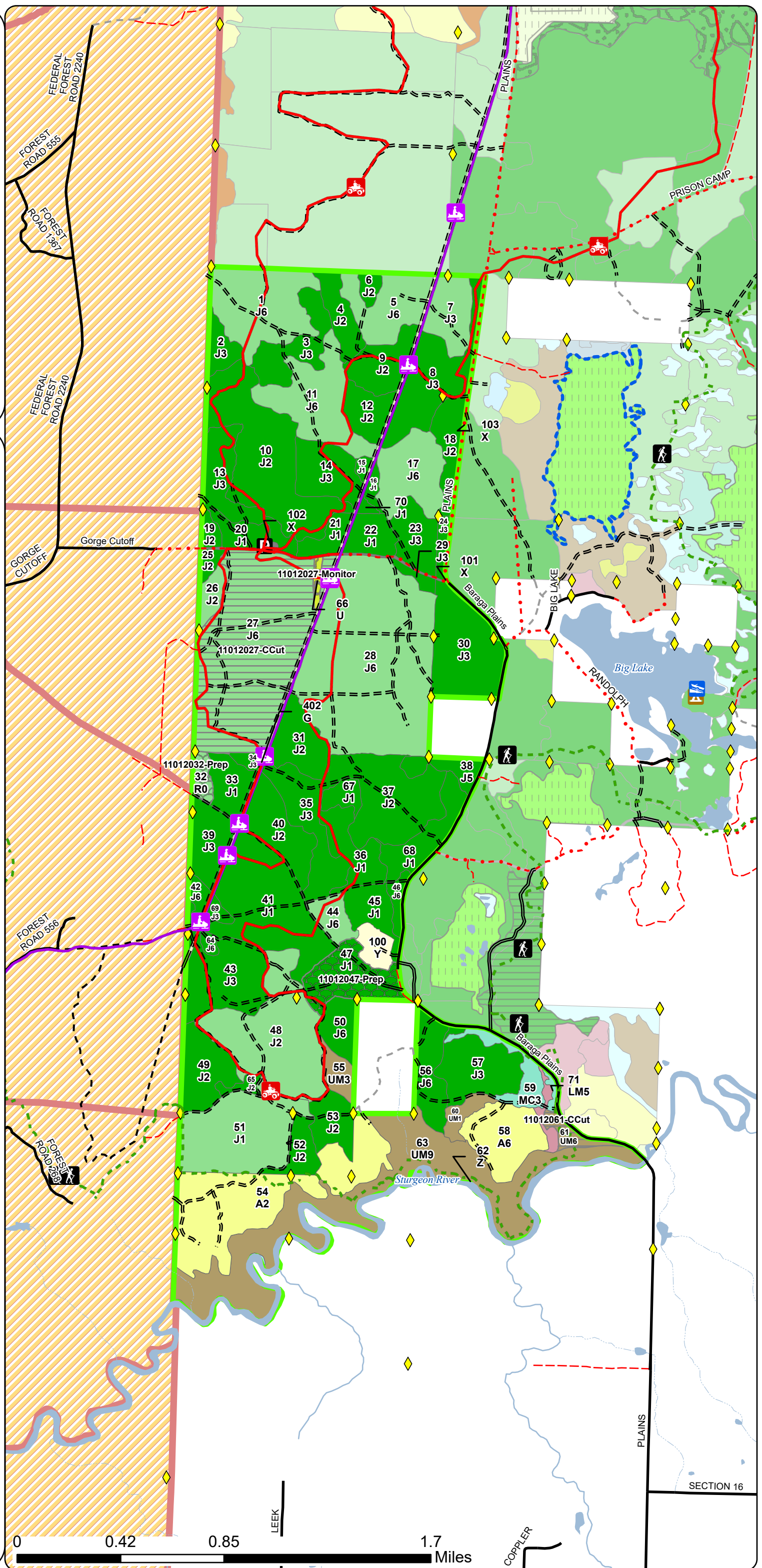
The following information is displayed, where pertinent, on the attached compartment maps:

- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Site condition boundaries
- Details on the road access system

Compartment: 11012
T49N R34W, Sections 19, 20, 29, 30,
31, 32
County: Baraga
Unit: Baraga
Mgmt. Area: Keweenaw Bay
YOE: 2027
Acres: 2,868.60 GIS Calculated
Examiner: Fred Hansen
Date Exported: 09/15/2025
Map Phase: Post Review

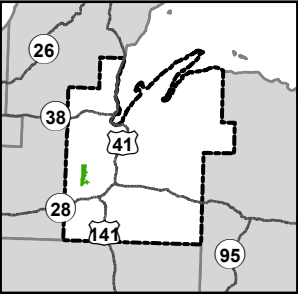


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|---|---------------------------------------|
|  | Survey Grade Corners |
|  | Boating Access Site |
|  | Campground |
|  | Parking Lot |
|  | Designated Hiking Pathways |
|  | Designated Snowmobile Trails |
|  | Designated ATV Trails |
|  | DNR - Secondary Forest Road |
|  | DNR - Forest Access Route |
|  | Federal / State / County - Paved Road |
|  | Federal / State - Dirt / Gravel Road |
|  | County - Gravel Road |
|  | County - Dirt Road (Seasonal) |
|  | Private - Dirt / Gravel Road |
|  | Intermittent Stream |
|  | Perennial River |
|  | Lakes and Rivers |
|  | Counties |
|  | Compartment Boundary |
|  | Treatments with Site Conditions |
|  | Clearcut |
|  | Site Prep |
|  | Monitoring - Regeneration |
|  | Clearcut |
|  | Openings Mgmt. |
|  | Monitoring - Regeneration |
|  | 413 - Aspen |
|  | 421 - Planted Pines |
|  | 422 - Natural Pines |
|  | 429 - Mixed Upland Conifers |
|  | 430 - Upland Mixed Forest |
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|  | 613 - Lowland Mixed Forest |
|  | 122 - Road/Parking Lot |
|  | 310 - Herbaceous Openland |
|  | 330 - Low Density Trees |
|  | 710 - Sand, Soil |

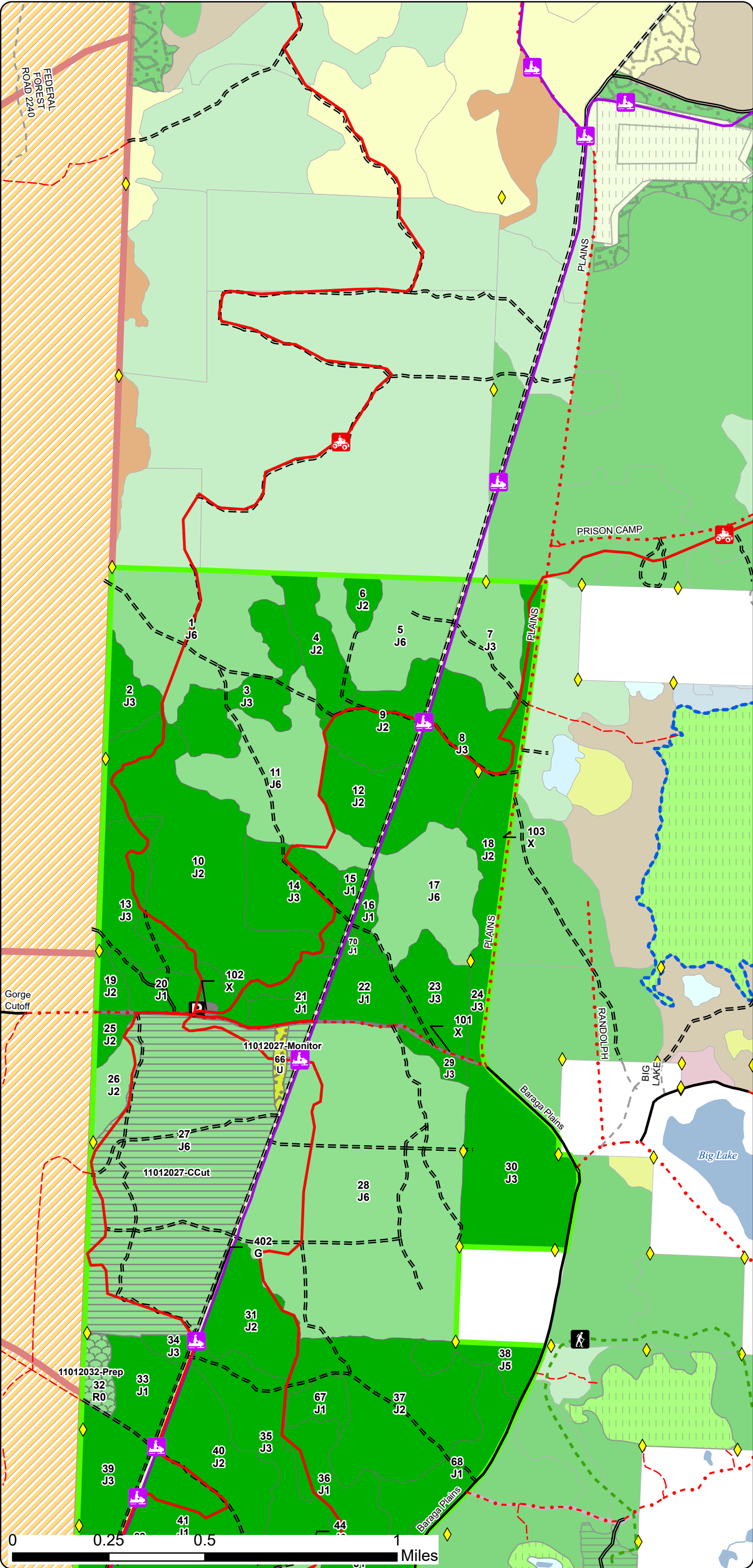


Cover Type & Treatments Map

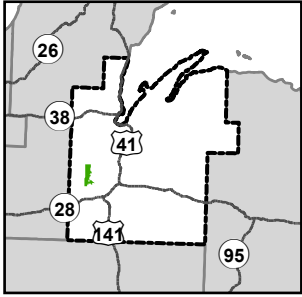
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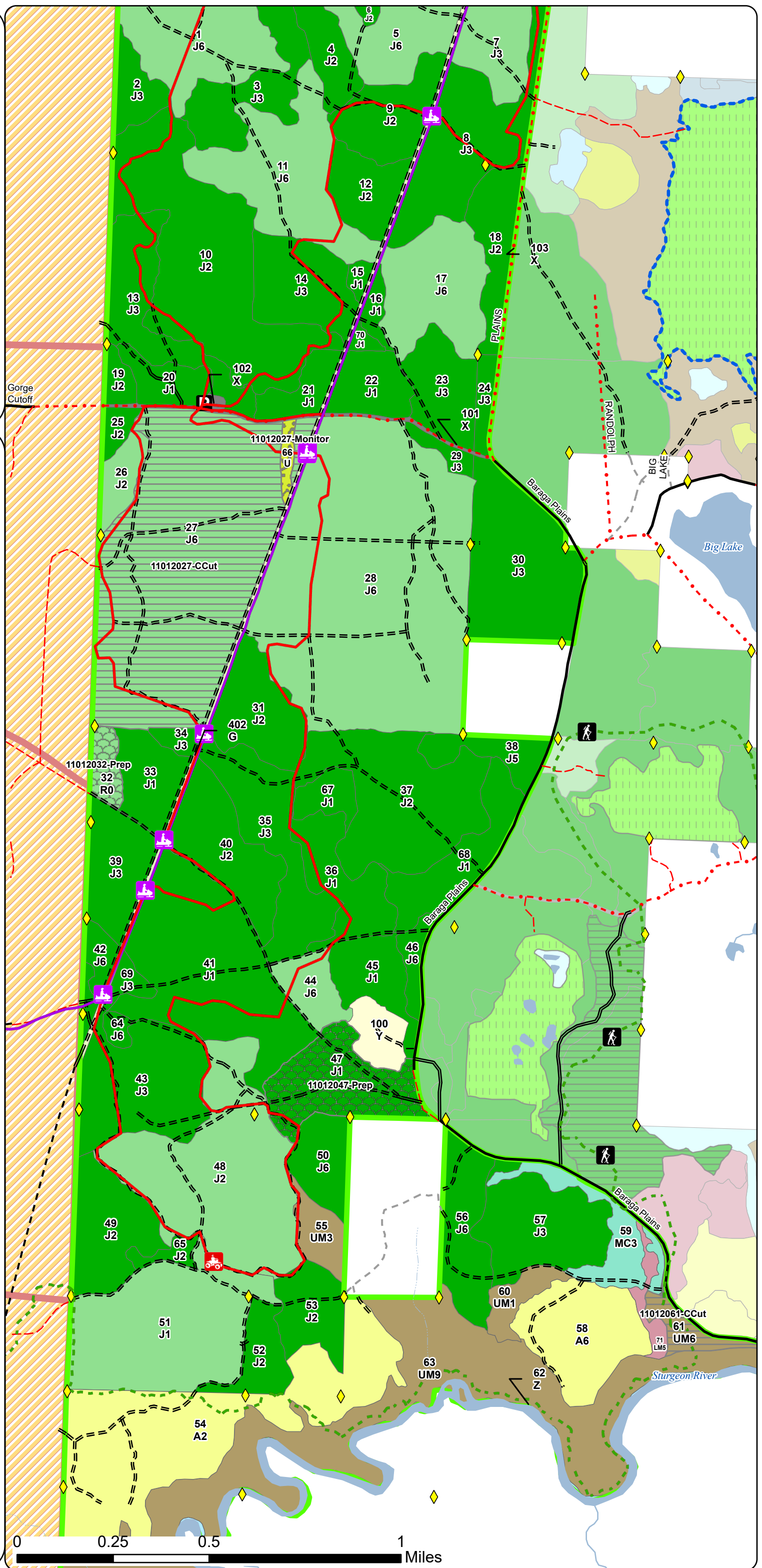
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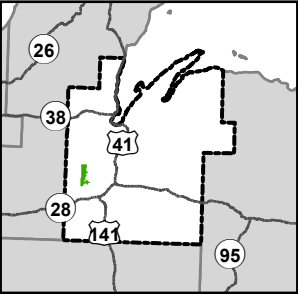


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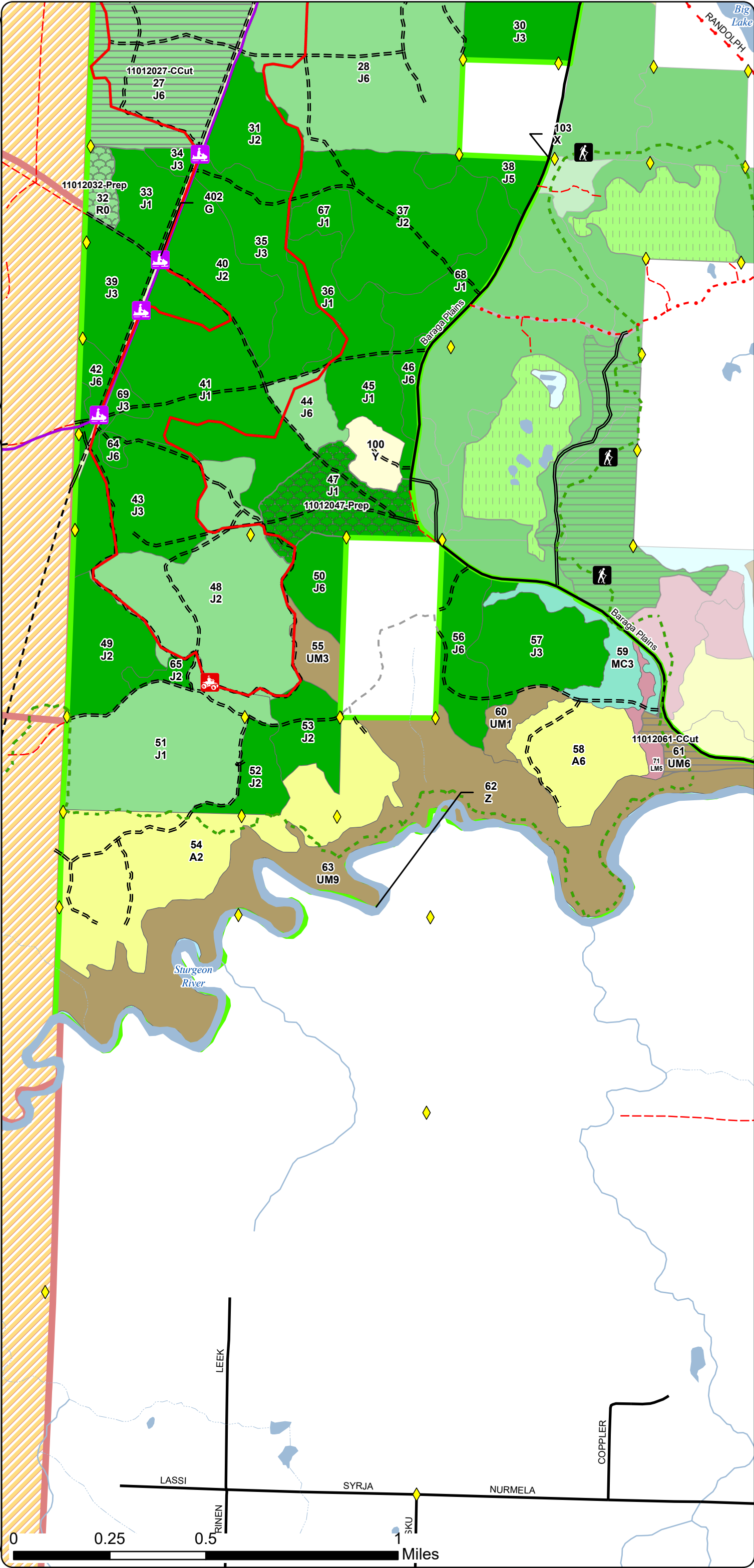


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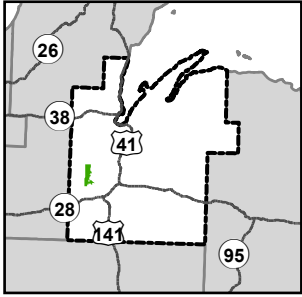
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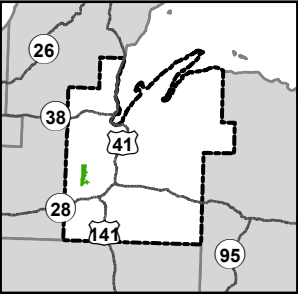
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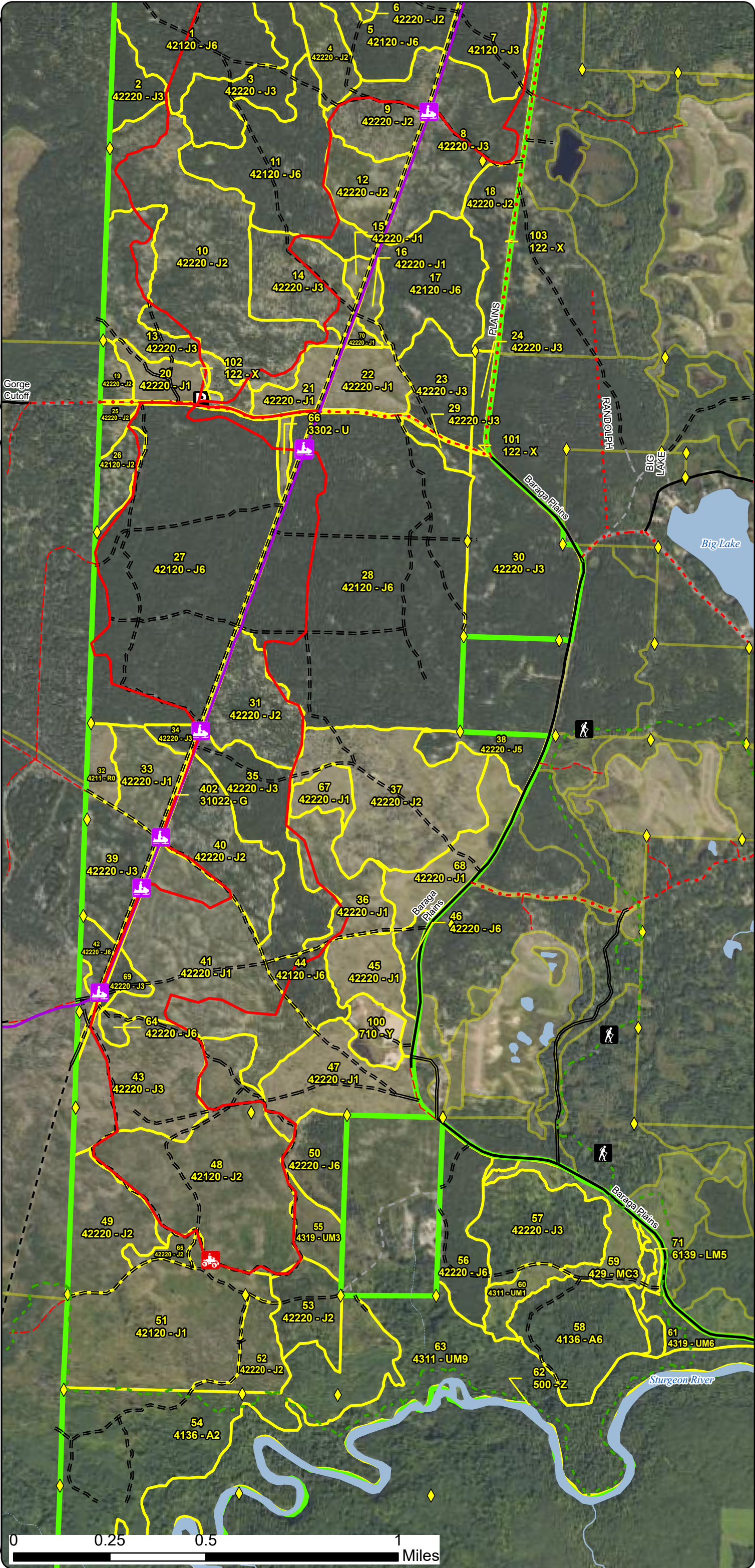
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Stand Boundary
Map

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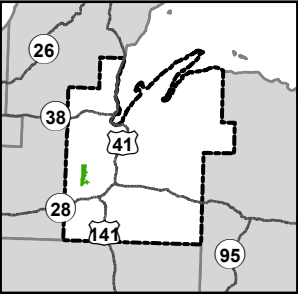


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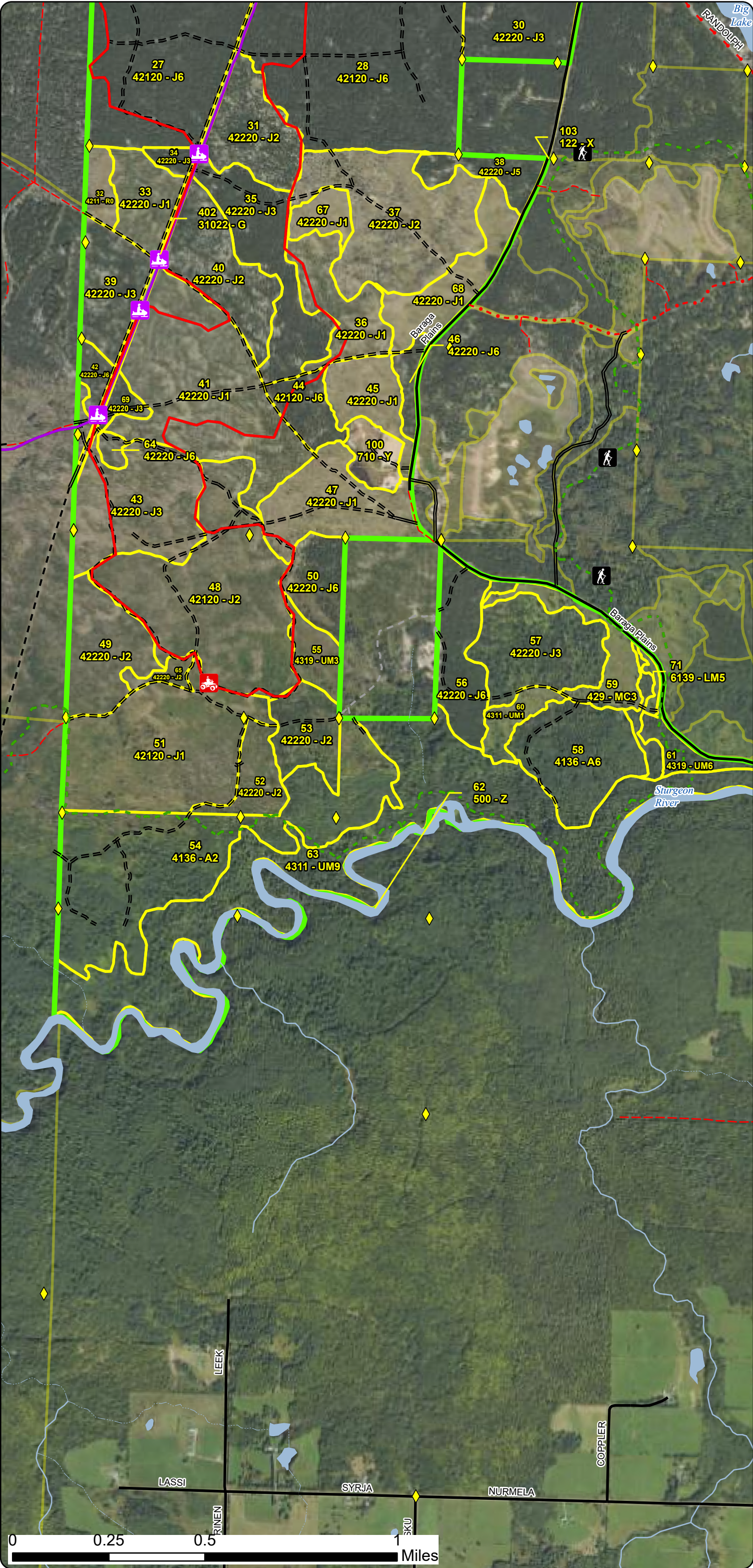


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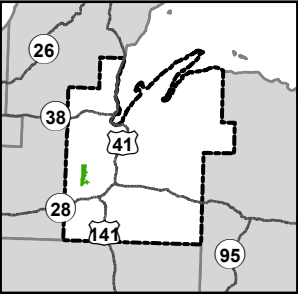


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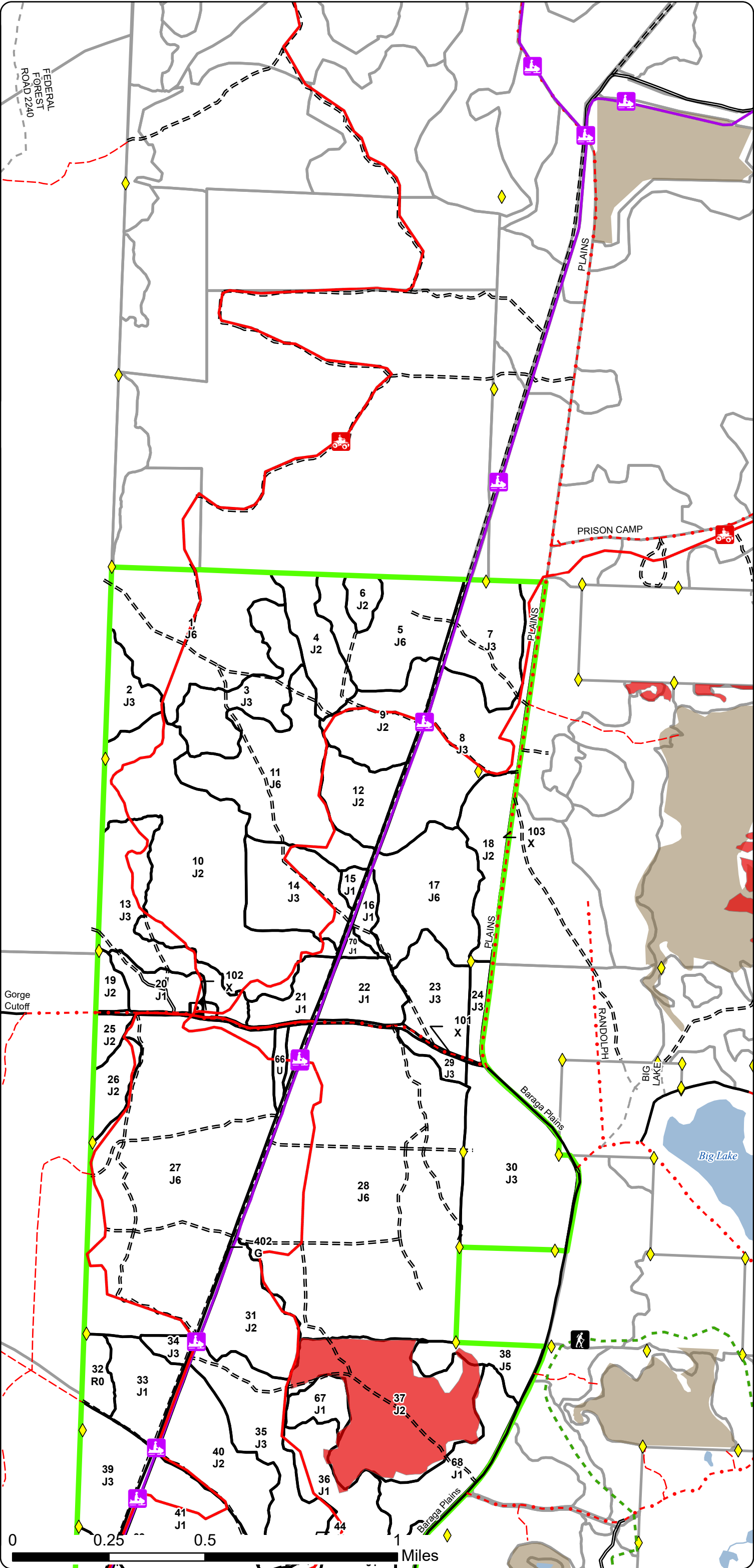


Special Conservation Areas
& Site Conditions Map

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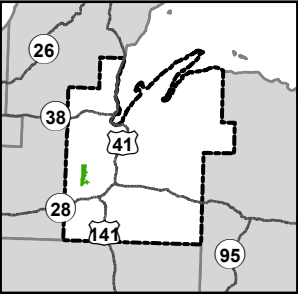


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- Ecological Reference Areas
- Dedicated Management Areas

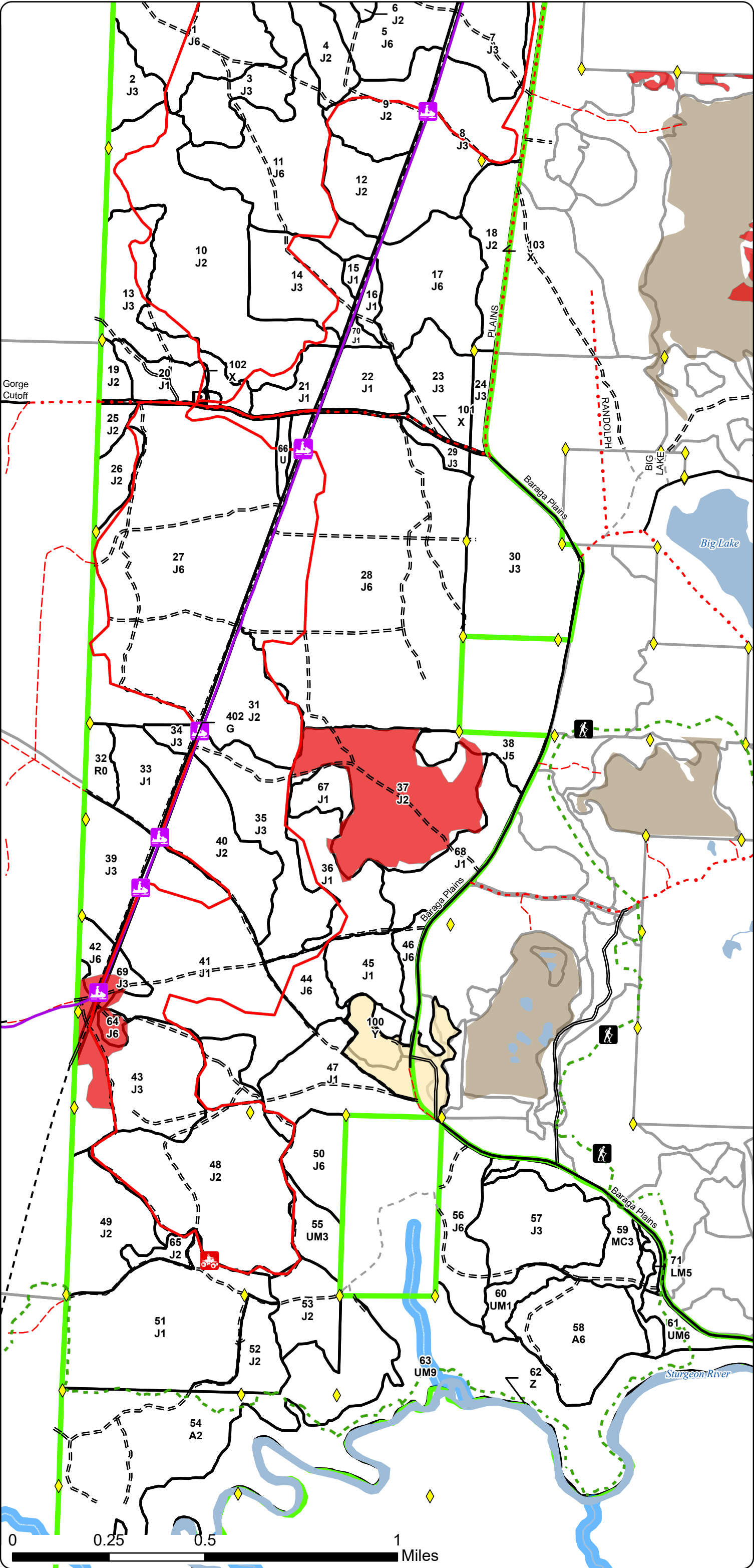


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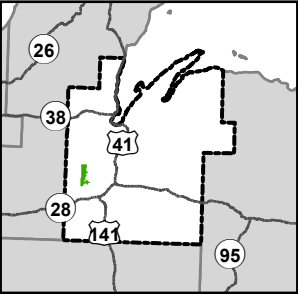


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- Compartment Boundary
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- Ecological Reference Areas
- Dedicated Management Areas
- SCA
- Cold Water Streams
- High Priority Trout Stream Buffer
- Sand or Gravel Pit

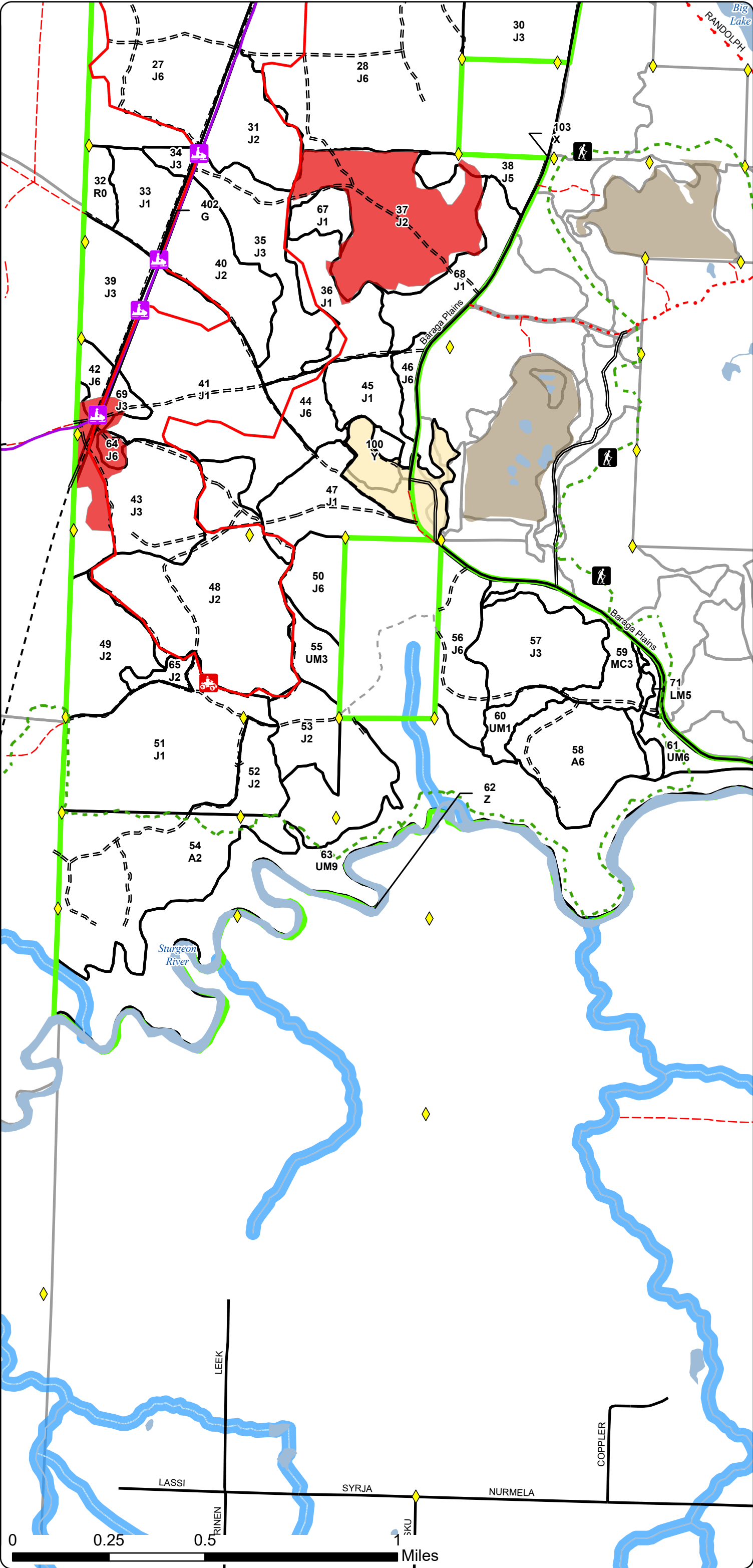


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Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	131	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	179
Herbaceous Openland	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Jack Pine	0	282	522	426	662	445	0	0	4	0	0	0	0	0	0	0	0	0	2339
Low-Density Trees	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Lowland Mixed Forest	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Red Pine	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Sand, Soil	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Upland Conifers	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
Upland Mixed Forest	0	11	14	0	0	0	0	11	0	200	0	0	0	0	0	0	0	0	236
Urban	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Water	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Total	84	317	667	426	710	445	0	18	4	200	0	0	0	0	0	0	0	0	2868



Report 2 – Treatment Summary

Baraga Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 12
Total Compartment Acres: 2,869

Commercial Harvest - 826
Harvests with Site Condition - 0
Next Step Harvest - 0
Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Jack Pine	201	0	0	0	0	0	0	0	0	201
Upland Mixed Forest	11	0	0	0	0	0	0	0	0	11
Total	212	0	0	0	0	0	0	0	0	212

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	212	0	0	0	0	0	4	0	0	270
Next Step	0	201	109	0	0	54	522	54	0	940
Total	212	201	109	0	0	54	526	54	0	1211



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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Approved Treatments:

27	11012027- CCut	201.3	42120 - Planted Jack Pine	6	47	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Harvest all species down to 1-inch DBH regardless of merchantability. Retention will be less than 3%. <u>Specs:</u> <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Re-Inventory); Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> Any combination of the original stands over story species prior to harvest. Regeneration survey as per work instructions. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
66	11012027- Monitor	4.0	3302 - Low Density Conifer Trees	99			Monitoring	Monitoring - Regeneration	4212 - Planted Jack Pine	Planting Record	No
<u>Prescription</u> check for regen <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Jack Pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											
32	11012032-Prep	8.8	4211 - Planted Red Pine	0	1	Immature	Site Prep-Mech.	Site Prep	4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Trench and plant red pine <u>Specs:</u> <u>Next Step</u> Planting, Initial Plant; Monitoring, Artificial Regen; Pesticide, Skidder - Release; Planting, Replant; Monitoring, Artificial Regen (3yr); Other, <u>Treatments:</u> Pre-Commercial Thinning - Hand <u>Acceptable</u> Red Pine with some Jack pine <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024											



Standard

Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
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47 11012047-Prep	45.542220	- Natural Jack Pine	1	5	Immature	Site Prep-Mech.	Site Prep	4211 - Planted Red Pine	Planting Record	No
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Prescription trench and plant

Specs:

Next Step Planting, Initial Plant; Monitoring, Artificial Regen; Pesticide, Skidder - Release; Planting, Replant; Monitoring, Artificial Regen (3yr); Other,
Treatments: Pre-Commercial Thinning - Hand

Acceptable Red pine with some minor component of jack pine

Regen:

Other Percent to Treat = 100%

Comment:

Site Condition:

Proposed Start Date: 10/01/2024

61 11012061-CCut	10.64319	- Mixed Upland Forest	6	69	81-110	Harvest	Clearecut	413 - Aspen	Planting Record	No
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Prescription Harvest all species down to 4.6 inches DBH except hemlock, white pine, red pine, red oak and cedar if they are present.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of the original stands over story species prior to harvest.

Regen:

Other Regeneration survey as per work instructions. Add sale spec 5.2.40 pathway protection: The North Country Trail is a hiking trail and is shown on
Comment: the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot-wide slash

Site Condition:

Proposed Start Date: 10/01/2026

Total Treatment 270.2
Acreage Proposed:



Availability for Management

Total	Acres	Acres Available	Acres
Acres	Available	With Condition	Not Available

Dominant Site Conditions

3A	3J
----	----

179	179	0	0	Aspen		
2	0	0	2	Herbaceous Openland	2	
2278	2180	0	97	Jack Pine	97	
4	4	0	0	Low-Density Trees		
7	0	0	7	Lowland Mixed Forest		7
9	9	0	0	Red Pine		
13	13	0	0	Sand, Soil		
24	24	0	0	Upland Conifers		
236	36	0	200	Upland Mixed Forest		200
18	18	0	0	Urban		
19	19	0	0	Water		
2,789	2,483		306	Total Forested Acres	99	207
	89%		11%	Relative Percent		

*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.

Site No.	Dominant Site Cond	Dominant Site Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable		3J: Water quality/BMPs (stream, river, or lake)	200	2F: Too steep	Unspecified	Unspecified	Unspecified
Comments: Sturgeon River corridor.								
3	Unavailable		3J: Water quality/BMPs (stream, river, or lake)	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:								

Baraga Mgt. Unit
Fred Hansen: Examiner

Report 4 – Site Conditions

Compartment: 12
Year of Entry: 2027



4	Unavailable	3A: Conservation values incompatible with harvest at this time	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Jack Pine Barons							
5	Unavailable	3A: Conservation values incompatible with harvest at this time	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Jack Pine Barons							

Mgt. Unit

Compartment: #Type!
Year of Entry:

Report 5 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	42120 - Planted Jack Pine	Poletimber Well	77.5	38	1-50	N/A	2015:Trenched, hand planted, some volunteer jack pine.Cut as part of "The Long Leap Jack Pine" 11-005-83-01
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	38		
2	42220 - Natural Jack Pine	Sapling Well	14.4	34	Immature	N/A	2015: SCARIFIED 1991cut as part of "1930 Jack Pine" 11-009-90-01
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	3	34		
3	42220 - Natural Jack Pine	Sapling Well	35.4	34	1-50	N/A	2015: SCARIFIED 1991Cut as part of "1930 Jack Pine" 11-009-90-01
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Sapling	5	34		
4	42220 - Natural Jack Pine	Sapling Medium	23.0	17	Immature	N/A	2015: Cut as part of "One Short Pine" 11-006-07-01. FTP# C-11-216. scarified 4/7/20082025: 15' tall
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		1	Pole	4			
Jack Pine		97	Log	2	17		
Red Oak		1	Log	2			
White Spruce		1	Log	3			
5	42120 - Planted Jack Pine	Poletimber Well	46.1	39	1-50	N/A	2015: HAND PLANTED BY INMATE CREW.Cut as part of "The Long 2025: 43 ft tall
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density
Jack Pine		100	Sapling	5	39	Black Cherry	Trace
						Avg. Height	Size
						10 - 20 feet	10 - 20 feet
6	42220 - Natural Jack Pine	Sapling Medium	6.8	17	Immature	N/A	2015: Cut as part of "One Short Pine" 11-006-07-01. FTP# C-11-216. scarified 4/7/2008.2025: 16 ft tall
Canopy Species		% Cover	Size Class	DBH	Age		
Red Oak		1	Log	1			
White Spruce		1	Log	3			
White Pine		1	Log	4			
Jack Pine		97	Log	2	17		
7	42120 - Planted Jack Pine	Sapling Well	32.8	39	1-50	N/A	HAND PLANTED BY INMATE.Cut as part of "The Long Leap Jack Pine" 11-005-83-01.2025: 38' Tall
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	39		
8	42220 - Natural Jack Pine	Sapling Well	63.0	28	Immature	N/A	2015: Cut as part of "Knee Deep Jack Pine" 11-006-97-01.Some larger diameter jack pine and aspen were left in the stand.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		1	Log	2			
Paper Birch		1	Log	3			
Red Oak		2	Log	1			
Jack Pine		94	Log	3	28		
Black Cherry		2	Log	1			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
9	42220 - Natural Jack Pine	Sapling Medium	31.0	34	Immature	N/A	2015:Scarified. Spotty regeneration. May fit description of jack pine barrens.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>98</td><td>Log</td><td>3</td><td>34</td></tr><tr><td>Red Oak</td><td>2</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	98	Log	3	34	Red Oak	2	Log	2											
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	98	Log	3	34																												
Red Oak	2	Log	2																													
10	42220 - Natural Jack Pine	Sapling Medium	116.4	28	Immature	N/A	2015: Scarified.Cut as part of "Short Timer Jack Pine" 11-005-97-01.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Jack Pine</td><td>97</td><td>Pole</td><td>3</td><td>28</td></tr><tr><td>Red Oak</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Spruce</td><td>1</td><td>Pole</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Seedling	5		Jack Pine	97	Pole	3	28	Red Oak	1	Log	1		White Spruce	1	Pole	4	
Canopy Species	% Cover	Size Class	DBH	Age																												
White Pine	1	Seedling	5																													
Jack Pine	97	Pole	3	28																												
Red Oak	1	Log	1																													
White Spruce	1	Pole	4																													
11	42120 - Planted Jack Pine	Poletimber Well	67.4	38	1-50	N/A	2015: BRAKE SCALPED, INMATE HAND PLANTED.Cut as part of "The Long Leap Jack Pine" 11-005-83-01.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Sapling</td><td>6</td><td>38</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Sapling	6	38															
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	100	Sapling	6	38																												
12	42220 - Natural Jack Pine	Sapling Medium	22.4	17	Immature	N/A	2015: Cut as part of "One Short Pine" 11-006-07-01. FTP# C-11-216. scarified 4/7/2008																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Log</td><td>4</td><td></td></tr><tr><td>Jack Pine</td><td>97</td><td>Log</td><td>1</td><td>17</td></tr><tr><td>Red Oak</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Spruce</td><td>1</td><td>Log</td><td>3</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Log	4		Jack Pine	97	Log	1	17	Red Oak	1	Log	1		White Spruce	1	Log	3	
Canopy Species	% Cover	Size Class	DBH	Age																												
White Pine	1	Log	4																													
Jack Pine	97	Log	1	17																												
Red Oak	1	Log	1																													
White Spruce	1	Log	3																													
13	42220 - Natural Jack Pine	Sapling Well	40.5	28	Immature	N/A	2015: Cut in 1996 by Francis Youngren as part of "1930 Jack Pine" 11-009-90-01. Scarified in 1997.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>99</td><td>Log</td><td>3</td><td>28</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Seedling	6		Jack Pine	99	Log	3	28										
Canopy Species	% Cover	Size Class	DBH	Age																												
White Pine	1	Seedling	6																													
Jack Pine	99	Log	3	28																												
14	42220 - Natural Jack Pine	Sapling Well	36.2	28	Immature	N/A	2015: Cut in 1996 by Francis Youngren as part of "1930 Jack Pine" 11-009-90-01. Scarified in 1997.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>3</td><td>28</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	3	28															
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	100	Log	3	28																												
15	42220 - Natural Jack Pine	Sapling Poor	3.1	17	Immature	N/A	2015: Cut as part of "One Short Pine" 11-006-07-01. FTP# C-11-216. scarified 4/7/2008																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>2</td><td>17</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	2	17															
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	100	Log	2	17																												
16	42220 - Natural Jack Pine	Sapling Poor	5.5	17	Immature	N/A	2015: Cut 2007 as part of "One Short Pine" 11-006-07-01. Scarified in 2008.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>2</td><td>17</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	2	17															
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	100	Log	2	17																												
17	42120 - Planted Jack Pine	Poletimber Well	49.7	38	1-50	N/A	2015:BRAKE SCALPED, INMATE HAND PLANTED.Cut as part of "The Long Leap Jack Pine" 11-005-83-01.2025: Look to cut in 2037.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Sapling</td><td>6</td><td>38</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Sapling	6	38															
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Jack Pine	100	Sapling	6	38																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
18	42220 - Natural Jack Pine	Sapling Medium	25.1	32	Immature	N/A	2015: SCARIFIED 1993.Cut as part of "Sandhill Salvage" 11-019-91-01.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	32		
19	42220 - Natural Jack Pine	Sapling Medium	6.5	25	1-50	N/A	scarified. Cut as part of "Short Timer Jack Pine" 11-005-97-01.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	3	25		
20	42220 - Natural Jack Pine	Sapling Poor	14.8	15	Immature	N/A	2015: Cut as part of "Scotch Pine" 11-022-07-01. TCR 7/31/2009. FTP C-11-221. Planted 10/28/2010. Scotch Pine seedling removed in 2018. FTP C-11-281.2018: Regen check 2018; ave 558 T/A FTP - Closed
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	1	15		
21	42220 - Natural Jack Pine	Sapling Poor	13.4	15	Immature	N/A	Cut as part of "Scotch Pine" 11-022-07-01. TCR 7/31/2009. FTP C-11-221. Planted 10/28/2010. Scotch Pine seedling removed in 2018. FTP C-11-281.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density
Jack Pine		100	Log	1	15	Jack Pine	Full
						Avg. Height	Size
						< 5 feet	< 5 feet
						Regen check 2018; ave 517 T/A FTP - Closed	
22	42220 - Natural Jack Pine	Sapling Poor	20.0	15		N/A	Cut as part of "Scotch Pine" 11-022-07-01. TCR 7/31/2009. FTP C-11-221. Planted 10/28/2010. Scotch Pine seedling removed in 2018. FTP C-11-281.Regen check 2018; ave 535 T/A FTP - Closed2025: scattered dead trees, possibly from hall damage.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	1	15		
23	42220 - Natural Jack Pine	Sapling Well	27.6	32	Immature	N/A	2015: Cut as part of "Jack Pine Cut-Off" 11-1014-91-01. SCARIFIED 1993
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	3	32		
24	42220 - Natural Jack Pine	Sapling Well	7.1	34	Immature	N/A	regenerated by scarification before state acquired. Harvested just before the 1992 photos were taken. Acquired in 8/16/2000.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	3	34		
25	42220 - Natural Jack Pine	Sapling Medium	5.8	25	1-50	N/A	OPIC - FMD: scarified. Cut as part of "Short Timer Jack Pine" 11-005-97-01.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	3	25		
26	42120 - Planted Jack Pine	Sapling Medium	12.5	37	1-50	N/A	2015: FIRE 1987, REPLANTED / FAILED, checked 2004 OK.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	37		
27	42120 - Planted Jack Pine	Poletimber Well	201.4	47	51-80	N/A	2015: PLANTATION. INITIAL HAND PLANT, MACHINE INTERPLANT. Scotch pine was planted in the stand in NE corner.2025: In 2019 a strip of scotch pine was removed between this stand and stand to the west. ATV trail runs through stand.Max diameter 8" Most trees are 5-6",52 Ft Tall.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Sapling	6	47		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	42120 - Planted Jack Pine	Poletimber Well	244.0	47	51-80	N/A	HAND PLANTED SPRING 19782025: ATV trail runs through stand.Max diameter 8" Most trees are 5-6",45 Ft Tall.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Sapling	6	47		
29	42220 - Natural Jack Pine	Sapling Well	5.4	32	Immature	N/A	Cut as part of "Jack Pine Cut Off" 11-014-91-01. SCARIFIED 1993
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	3	32		
30	42220 - Natural Jack Pine	Sapling Well	69.2	33	1-50	N/A	2015: Harvested just before the 92 photos were taken. OPIC - FMD: regenerated by scarification before state acquired. Acquired in 2000.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	33		
31	42220 - Natural Jack Pine	Sapling Medium	34.2	25	Immature	N/A	Cut as part of "Criss Cross Jack Pine" 11-004-97-01. Scarified 2000. Cut 1999.
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Log	2	25		
32	4211 - Planted Red Pine	Unspecified	9.4	1	Immature		2025:" Regeneration survey needed in 2026:2022 - Regen check was conducted before growth started this spring and the regen appeared to be a failure (app 300 TPA). An addition walkthrough after spring growth had started made it apparent that the there were seedlings that had been missed during the before growth count (one year old trees) and the tree count was closer to 450 TPA. after talking to the TMS it was decided to wait and do regen checks at the 5 year mark before deciding what, if any action should be taken.2019 - Barrel Jack Pine 11-006-17, Cut winter 2018. Scarified 10/19 with D6H and chains. MULTI-AGED, SOME 1938 ORIGIN. Stand is in decline, final harvest to reestablish jack pine.OI Stand Year Origin was 1970. Stand is believed to be 1938 origin and is starting to decline.
33	42220 - Natural Jack Pine	Sapling Poor	23.3	17	Immature	N/A	2015: Cut in 2008 as part of "Cross Cross Pine" 11-007-07-01
Canopy Species		% Cover	Size Class	DBH	Age		
Red Pine		1	Seedling	6			
Jack Pine		99	Log	2	17		
34	42220 - Natural Jack Pine	Sapling Well	4.7	36	1-50	N/A	2015: Cut as part of "Gas Line Jack Pine" 11-003-87-01. SCARIFIED 1989, C-11-134
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	36		
35	42220 - Natural Jack Pine	Sapling Well	48.2	36	1-50	N/A	Cut as part of "Gas Line Jack Pine" 11-003-87-01. SCARIFIED 1989, C-11-134
Canopy Species		% Cover	Size Class	DBH	Age		
Jack Pine		100	Pole	4	36		
36	42220 - Natural Jack Pine	Sapling Poor	30.6	17	Immature	N/A	Cut in 2008 as part of "Blue Bait Pine" 11-023-07-01.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		1	Seedling	6			
Jack Pine		99	Log	2	17		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments															
37	42220 - Natural Jack Pine	Sapling Medium	79.0	5	Immature	N/A	Barrel Jack Pine 11-006-17															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>80</td><td>Log</td><td>1</td><td>5</td></tr><tr><td>Jack Pine</td><td>20</td><td>Seedling</td><td>5</td><td>39</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	80	Log	1	5	Jack Pine	20	Seedling	5	39	The part of Unit 4 south of the road was scarified 10/19 by D6H and chains. SEEDED 1968, OVERSTORY REMOVED 1986. Stand has a high component of Jack Pine that appears to be 60+ years old. Stand has variable age, stocking and structure due to its history and should be final harvested to reestablish jack pine.
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	80	Log	1	5																		
Jack Pine	20	Seedling	5	39																		
38	42220 - Natural Jack Pine	Poletimber Medium	16.3	32	1-50	N/A	Cut as part of "September Salvage" 11-004-92-01. SCARIFIED in 1993. Some larger diameter jack pine are present.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Pole</td><td>4</td><td>32</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Pole	4	32						
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Pole	4	32																		
39	42220 - Natural Jack Pine	Sapling Well	30.8	25	Immature	N/A	2015: Cut by John Vuk in the Fall/winter 1999 as part of "Criss Cross Jack Pine" 11-004-97-01. Scarified 2000.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>2</td><td>25</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	2	25						
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Log	2	25																		
40	42220 - Natural Jack Pine	Sapling Medium	40.7	25	Immature	N/A	2015: Cut by John Vuk in the Fall/winter 1999 as part of "Criss Cross Jack Pine" 11-004-97-01. Scarified 2000.															
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Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Log	2	25																		
41	42220 - Natural Jack Pine	Sapling Poor	100.8	16	Immature	N/A	Cut in 2008 as part of "Cross Cross Pine" 11-007-07-01. Scarified.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>99</td><td>Log</td><td>1</td><td>16</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Seedling	6		Jack Pine	99	Log	1	16	
Canopy Species	% Cover	Size Class	DBH	Age																		
White Pine	1	Seedling	6																			
Jack Pine	99	Log	1	16																		
42	42220 - Natural Jack Pine	Poletimber Well	7.4	31	51-80	N/A	Cut in 1994 as part of "September Salvage" 11-004-92-01. Scarified using anchor chain drag.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Pole</td><td>4</td><td>31</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Pole	4	31						
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Pole	4	31																		
43	42220 - Natural Jack Pine	Sapling Well	62.8	17	Immature	N/A	Cut in 1994 as part of "September Salvage" 11-004-92-01. Scarified using anchor chain drag. Stand was then burnt over in the "Baraga Bump Fire" in 2007.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>1</td><td>17</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	1	17						
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Log	1	17																		
44	42120 - Planted Jack Pine	Poletimber Well	16.0	32	1-50	N/A	2015: Cut as part of "September Salvage" 11-004-92-01. Machine planted 1993. Burn plots in 1992, burned for training. Some larger diameter jack pine are present.															
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Pole</td><td>4</td><td>32</td></tr></table>							Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Pole	4	32						
Canopy Species	% Cover	Size Class	DBH	Age																		
Jack Pine	100	Pole	4	32																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																				
45	42220 - Natural Jack Pine	Sapling Poor	23.1	5	Immature	N/A	2024- Regen check walk through done, tree are patchy similar to original stand, tree ocular estimates of 500-700 trees per acre observed in the north half of the stand with approximately 25% of that area falling to meet regen stocking of 600 trees per acre. This stand surrounds the county leased sand pit and has been getting smaller as the county expands the pit in to portions of the stand. The stand is going to be split so that the portion of the stand that is south of the pit will be grouped with the stand to the south and have additional regen work done.2022 - Regen check was conducted before growth started this spring and the regen appeared to be a failure (app 300 TPA). An addition walkthrough after spring growth had started made it apparent that the there were seedlings that had been missed during the before growth count (one year old trees) and the tree count was closer to 450 TPA. after talking to the TMS it was decided to wait and do regen checks at the 5 year mark before deciding what, if any action should be taken.Barrel Jack Pine 11-006-17 Cut winter 2018. Scarified 10/19 with D6H and chains.																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Log</td><td>1</td><td>5</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Log	1	5										
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Jack Pine	100	Log	1	5																							
46	42220 - Natural Jack Pine	Poletimber Well	8.1	31	1-50	N/A	Cut as part of "September Salvage" 11-004-92-01. SCARIFIED in 1994. Some larger diameter Jack Pine are present.																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Pole</td><td>4</td><td>31</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Pole	4	31										
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Jack Pine	100	Pole	4	31																							
47	42220 - Natural Jack Pine	Sapling Poor	45.1	5	Immature	N/A	2025: Regeneration survey needed in 2026.2022 - Regen check was conducted before growth started this spring and the regen appeared to be a failure (app 300 TPA). An addition walkthrough after spring growth had started made it apparent that the there were seedlings that had been missed during the before growth count (one year old trees) and the tree count was closer to 450 TPA. after talking to the TMS it was decided to wait and do regen checks at the 5 year mark before deciding what, if any action should be taken.Barrel Jack Pine 11-006-17 Cut winter 2018. Scarified 10/2019 with D6H and chains.2015: Semi open, two age, older trees are probably 50 yrs. Previous age before harvest was 81.Some 1938 Jack Pine in the stand. Stand is in decline, final harvest to reestablish Jack Pine.																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>15</td><td>Seedling</td><td>9</td><td>50</td></tr><tr><td>Jack Pine</td><td>80</td><td>Log</td><td>1</td><td>5</td></tr><tr><td>White Spruce</td><td>5</td><td>Pole</td><td>4</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	15	Seedling	9	50	Jack Pine	80	Log	1	5	White Spruce	5	Pole	4	
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White Pine	15	Seedling	9	50																							
Jack Pine	80	Log	1	5																							
White Spruce	5	Pole	4																								
48	42120 - Planted Jack Pine	Sapling Medium	109.5	11	Immature	N/A	Cut as part of "Buck Rub Jack Pine" 11-003-97-01. Harvest was completed in 2000. Scarified in Summer, 2001. Burnt over in the "Baraga Bump Fire" in 2007. FTP C 11-218. Baraga Bump Fire replant. It was trenched and planted in May 2010 which failed, replanted in October 2010 which also failed. The third planting took place in May of 2014 which is successful thus far. FTP update December 2017 - regen survey done 5-24-17 Approx. 90% of stand area is fully stocked with 600+ JP/ac including vols; another 6% is at 500 JP/ac. The remaining 4% averages about 367 JP/ac. Cherry competition averages about 62 stems/ac. Overall stand avg 825 JP/ac TMS closing FTP 11-218**□																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>98</td><td>Log</td><td>2</td><td>11</td></tr><tr><td>Black Cherry</td><td>1</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1	Sapling	6		Jack Pine	98	Log	2	11	Black Cherry	1	Log	1	
Canopy Species	% Cover	Size Class	DBH	Age																							
White Pine	1	Sapling	6																								
Jack Pine	98	Log	2	11																							
Black Cherry	1	Log	1																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
49	42220 - Natural Jack Pine	Sapling Medium	37.8	17	Immature	N/A	Stand was burnt over in spring of 2007 in the "Baraga Bump Fire" and was then put up as Salvage Sale "Kenton Fried Pine" (11-024-07-01). Scarified from logging equipment.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>1</td><td></td><td>10</td><td></td></tr><tr><td>White Pine</td><td>1</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>93</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	1		10		White Pine	1	Seedling	8		Jack Pine	93	Log	2	17	Black Cherry	5	Log	1						
Canopy Species	% Cover	Size Class	DBH	Age																																	
Red Pine	1		10																																		
White Pine	1	Seedling	8																																		
Jack Pine	93	Log	2	17																																	
Black Cherry	5	Log	1																																		
50	42220 - Natural Jack Pine	Poletimber Well	21.1	35	51-80	N/A	Cut as part of "Crazy Raven Jack Pine" 11-004-87-01. SCARIFIED 1990.2025: Part of stand had a surface fire in 2007 (Baraga Bump Fire). Look to possibly cut in 2037.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>100</td><td>Pole</td><td>4</td><td>35</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	100	Pole	4	35																				
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Jack Pine	100	Pole	4	35																																	
51	42120 - Planted Jack Pine	Sapling Poor	91.7	9	Immature	N/A	Cut as part of "Buck Rub Jack Pine" 11-003-97-01. Scarified in 1999. Burnt over in the "Baraga Bump Fire" in 2007. Trenched and planted in 2016 with Jack pine. FTP 11-248 FTP update - regeneration survey done 5-30-17 - Approx 61% of stand area is fully stocked with 600+ JP/ac including vols; another 24% is stocked to an average of 452 JP/ac. The remaining 15% is stocked at an average of about 246 JP/ac. Cherry competition averages about 180 TPA Overall stand avg 697 JP/ac5-17-19 (TMS) - 3rd year survey indicate that the average of planted & volunteer jack pine seedlings per acre is now approximately 775 with an average height of about 1.9'. About 65% of the site is fully-stocked with 600+ acceptable TPA, and an additional 30% has 400-599 TPA. Approximately 5% is understocked at 300 TPA or less. If normal & acceptable growth and mortality rates continue, these densities will probably result in a stand that mimics the characteristics of natural jack pine stands on dry upland sites in this area.□																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>2</td><td></td><td>16</td><td></td></tr><tr><td>White Pine</td><td>1</td><td></td><td>18</td><td></td></tr><tr><td>Jack Pine</td><td>87</td><td>Log</td><td>1</td><td>9</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>1</td><td>9</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	2		16		White Pine	1		18		Jack Pine	87	Log	1	9	Black Cherry	10	Log	1	9					
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Red Pine	2		16																																		
White Pine	1		18																																		
Jack Pine	87	Log	1	9																																	
Black Cherry	10	Log	1	9																																	
52	42220 - Natural Jack Pine	Sapling Medium	17.9	17	Immature	N/A	Cut as part of "Crazy Raven Jack Pine" 11-004-87-01. SCARIFIED in 1990. Burnt over in the "Baraga Bump Fire" in 2007.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>75</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>Black Cherry</td><td>25</td><td>Log</td><td>1</td><td>17</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	75	Log	2	17	Black Cherry	25	Log	1	17															
Canopy Species	% Cover	Size Class	DBH	Age																																	
Jack Pine	75	Log	2	17																																	
Black Cherry	25	Log	1	17																																	
53	42220 - Natural Jack Pine	Sapling Medium	23.9	17	Immature	N/A	2015: Stand was burnt over in spring of 2007 in the Baraga Bump Fire and was then put up as Salvage Sale "Kenton Fried Pine" (11-024-07-01). Logging activity scarified the stand enough to produce good regeneration. Lots of large diameter snags.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>90</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>Black Cherry</td><td>7</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Pine</td><td>1</td><td></td><td>16</td><td></td></tr><tr><td>Red Oak</td><td>1</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	1		12		Jack Pine	90	Log	2	17	Black Cherry	7	Log	1		Red Pine	1		16		Red Oak	1	Log	1	
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White Pine	1		12																																		
Jack Pine	90	Log	2	17																																	
Black Cherry	7	Log	1																																		
Red Pine	1		16																																		
Red Oak	1	Log	1																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																								
54	4136 - Aspen, Mixed Conifer	Sapling Medium	131.3	17	Immature	N/A	2015: Stand was burnt over in spring of 2007 in the Baraga Bump Fire and then was acquired from Wisconsin Electric on 12/19/2008. A lot of large diameter snags. Aspen regeneration increased on the south edge of the stand.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Spruce</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>19</td><td>Log</td><td>2</td><td></td></tr><tr><td>Quaking Aspen</td><td>40</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>Red Pine</td><td>3</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>3</td><td></td><td>12</td><td></td></tr><tr><td>Jack Pine</td><td>10</td><td>Log</td><td>1</td><td>17</td></tr><tr><td>Black Cherry</td><td>20</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Spruce	5	Log	1		Red Maple	19	Log	2		Quaking Aspen	40	Log	2	17	Red Pine	3		12		White Pine	3		12		Jack Pine	10	Log	1	17	Black Cherry	20	Log	1	
Canopy Species	% Cover	Size Class	DBH	Age																																											
White Spruce	5	Log	1																																												
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Red Pine	3		12																																												
White Pine	3		12																																												
Jack Pine	10	Log	1	17																																											
Black Cherry	20	Log	1																																												
55	4319 - Mixed Upland Forest	Sapling Well	13.5	17	Immature	N/A	Cut as part of "Crazy Raven Jack Pine" 11-004-87-01. SCARIFIED in 1990. Burnt over in the "Baraga Bump Fire" in 2007.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>49</td><td>Log</td><td>4</td><td></td></tr><tr><td>Black Cherry</td><td>51</td><td>Log</td><td>1</td><td>17</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	49	Log	4		Black Cherry	51	Log	1	17																									
Canopy Species	% Cover	Size Class	DBH	Age																																											
Jack Pine	49	Log	4																																												
Black Cherry	51	Log	1	17																																											
56	42220 - Natural Jack Pine	Poletimber Well	33.2	39	51-80	N/A	Acquired from Wisconsin Electric on 12/19/2008.2025: Look to possibly cut in 2037.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>1</td><td></td><td>10</td><td></td></tr><tr><td>Jack Pine</td><td>98</td><td>Sapling</td><td>5</td><td>39</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	1	Log	1		White Pine	1		10		Jack Pine	98	Sapling	5	39																				
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Red Oak	1	Log	1																																												
White Pine	1		10																																												
Jack Pine	98	Sapling	5	39																																											
57	42220 - Natural Jack Pine	Sapling Well	48.0	26	Immature	N/A	Acquired from Wisconsin Electric on 12/19/2008.																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>20</td><td></td><td>14</td><td></td></tr><tr><td>Jack Pine</td><td>65</td><td>Log</td><td>2</td><td>26</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>Paper Birch</td><td>1</td><td>Log</td><td>3</td><td></td></tr><tr><td>Balsam Fir</td><td>1</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Spruce</td><td>2</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	20		14		Jack Pine	65	Log	2	26	Black Cherry	10	Log	1		Red Maple	1	Log	1		Paper Birch	1	Log	3		Balsam Fir	1	Log	1		Black Spruce	2	Log	1	
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Black Cherry	10	Log	1																																												
Red Maple	1	Log	1																																												
Paper Birch	1	Log	3																																												
Balsam Fir	1	Log	1																																												
Black Spruce	2	Log	1																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
58	4136 - Aspen, Mixed Conifer	Poletimber Well	47.8	31	1-50	N/A	Acquired from Wisconsin Electric on 12/19/2008.																																																							
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>Balsam Fir</td> <td>2</td> <td>Log</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Pole</td> <td>4</td> <td>31</td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Log</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>Log</td> <td>1</td> <td></td> </tr> <tr> <td>White Spruce</td> <td>2</td> <td>Log</td> <td>2</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>2</td> <td>Log</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td></td> <td>14</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>13</td> <td>Log</td> <td>3</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>3</td> <td></td> <td>12</td> <td></td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	2	Log	2		Quaking Aspen	70	Pole	4	31	Red Maple	2	Log	1		Paper Birch	2	Sapling	5		Red Oak	1	Log	1		White Spruce	2	Log	2		Black Spruce	2	Log	2		White Pine	3		14		Jack Pine	13	Log	3		Red Pine	3		12	
Canopy Species	% Cover	Size Class	DBH	Age																																																										
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Black Spruce	2	Log	2																																																											
White Pine	3		14																																																											
Jack Pine	13	Log	3																																																											
Red Pine	3		12																																																											
59	429 - Mixed Upland Conifers	Sapling Well	23.5	8	Immature	N/A	Acquired from Wisconsin Electric on 12/19/2008. 2018: Leftover Spruce, cut 2016-2017.																																																							
<table> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> <tr> <td>White Pine</td> <td>5</td> <td></td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>48</td> <td>Log</td> <td>1</td> <td>8</td> </tr> <tr> <td>Red Oak</td> <td>1</td> <td>Log</td> <td>1</td> <td>8</td> </tr> <tr> <td>Black Spruce</td> <td>40</td> <td>Log</td> <td>1</td> <td>8</td> </tr> <tr> <td>Northern White Cedar</td> <td>2</td> <td>Seedling</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Log</td> <td>1</td> <td>8</td> </tr> <tr> <td>Red Pine</td> <td>1</td> <td></td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>1</td> <td>Log</td> <td>1</td> <td>8</td> </tr> </table> <table> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	5		16		Jack Pine	48	Log	1	8	Red Oak	1	Log	1	8	Black Spruce	40	Log	1	8	Northern White Cedar	2	Seedling	8		Tamarack	2	Log	1	8	Red Pine	1		12		Paper Birch	1	Log	1	8	Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet		
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Sub-Canopy Species	Density	Avg. Height	Size																																																											
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																																											
60	4311 - Pine, Aspen Mix	Sapling Poor	11.4	8	Immature	N/A	2015: The northern 2/3 of this stand was scarified in 10/19 with JD 740 and chains. The southern 1/3 has good aspen coming in.Acquired from Wisconsin Electric on 12/19/2008.2018: Leftover Spruce, cut 2016-2017.																																																							
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Stand	Level 4 Cover Type	Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments																																																																																										
71	6139 - Mixed Lowland Forest	Poletimber	Medium	6.8	69	51-80	N/A	2025: Drainage flowing into Sturgeon River. 2015: Acquired from Wisconsin Electric on 12/19/2008. Several drainages in stand. NCT runs through the stand.																																																																																										
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100	710 - Sand, Soil	None		13.3			No	OPIC - FMD: SAND PIT under lease to Baraga County Road Commission																																																																																										
101	122 - Road/Parking Lot	None		5.3			No	Gorge Cutoff Road. County Road.																																																																																										
102	122 - Road/Parking Lot	None		1.3			No	OPIC - FMD: ORV trail head / parking lot																																																																																										
103	122 - Road/Parking Lot	None		11.8			No	Baraga Plains Road, County Road																																																																																										
402	31022 - Warm Season Grass	None		20.5			No	OPIC - FMD: NATURAL GAS PIPELINE R-O-W, GRASS OPENING, used as snowmobile trail in winter.																																																																																										