



# Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32256

Entry Year 2022

Acreage: 1,011

County Marquette

Management Area: Voelker Plains

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**Revision Date:** 2020-07-23

**Stand Examiner:** Jason Caron

**Legal Description:**

T45N R27W, Section 6 & T46N R27W, Sections 31 & 32.

**Identified Planning Goals:**

Sustainably harvesting timber products while promoting wildlife habitat. Most of the cover types within this compartment are managed via. even aged.

**Soil and topography:**

Soils range from gravelly coarse sand to fine sandy loam. Terrain is predominately level with some areas rolling to somewhat hilly.

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

Both industrial and non-industrial forest ownerships exist around this compartment. The Northwoods Club is a large landowner and owns property to the South and East of this compartment. To the north, Lyme Timber LLC, a industrial private landowner exists. Numerous small parcels exist which are mostly hunting camps and recreational dwellings.

**Unique Natural Features:**

Jack pine plains.

**Archeological, Historical, and Cultural Features:**

None known.

**Special Management Designations or Considerations:**

N/A

**Watershed and Fisheries Considerations:**

There are no fisheries concerns in this compartment.

**Wildlife Habitat Considerations:**

Compartment 256 is found within the Voelker Plains Management Area; on an Outwash Plain in central Marquette County. The dominant Natural Communities are dry northern forests and dry mesic northern forests. Wildlife considerations in the Voelker Plains management area consist of: managing jack pine habitat with strategies that more closely mimic natural fire disturbance regimes and increasing stand size and striving to accommodate many species associated with xeric forest habitat is desirable. Wildlife management issues in the management area are: early successional forest conditions (associated with alder, riparian zones, or forested wetlands), mast (hard and soft); habitat fragmentation, early successional forest; and large open land complexes.

The following have been identified as featured species for the Voelker Plains Management Area: American woodcock, beaver, black bear, and Kirtland's warbler.

**Mineral Resource and Development Concerns and/or Restrictions**

No known potential exists for commercial oil & gas production in this part of the state. Active sand/gravel pits do not exist in the area, but there is potential for sand & gravel within the compartment. The best potential may be in the NE/4 of Section 6. There is no known metallic mineral potential beneath the compartment. There has been no documented past metallic mineral exploration in the area, and there is no current state mineral leasing activity in the area.

**Vehicle Access:**

Vehicle access is good throughout the compartment with various two track roads.

**Survey Needs:**

No survey is needed for this YOY.

**Recreational Facilities and Opportunities:**

No developed recreational facilities exist within this compartment. Recreational opportunities consist of hunting, gathering, hiking, biking, snowmobile, and ORV recreation.

**Fire Protection:**

Fire risk is very high within this compartment due to the jack pine cover type. This compartment is included in the 581 Zone Dispatch which coordinates a planned response of various fire fighting resources in the event of a fire within this area.

**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**

Report 1 – Total Acres by Cover Type and Age Class

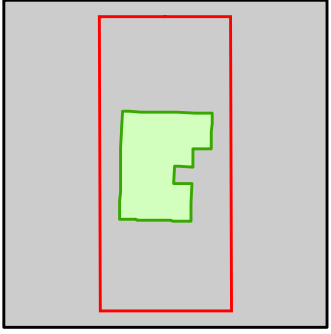


Age Class

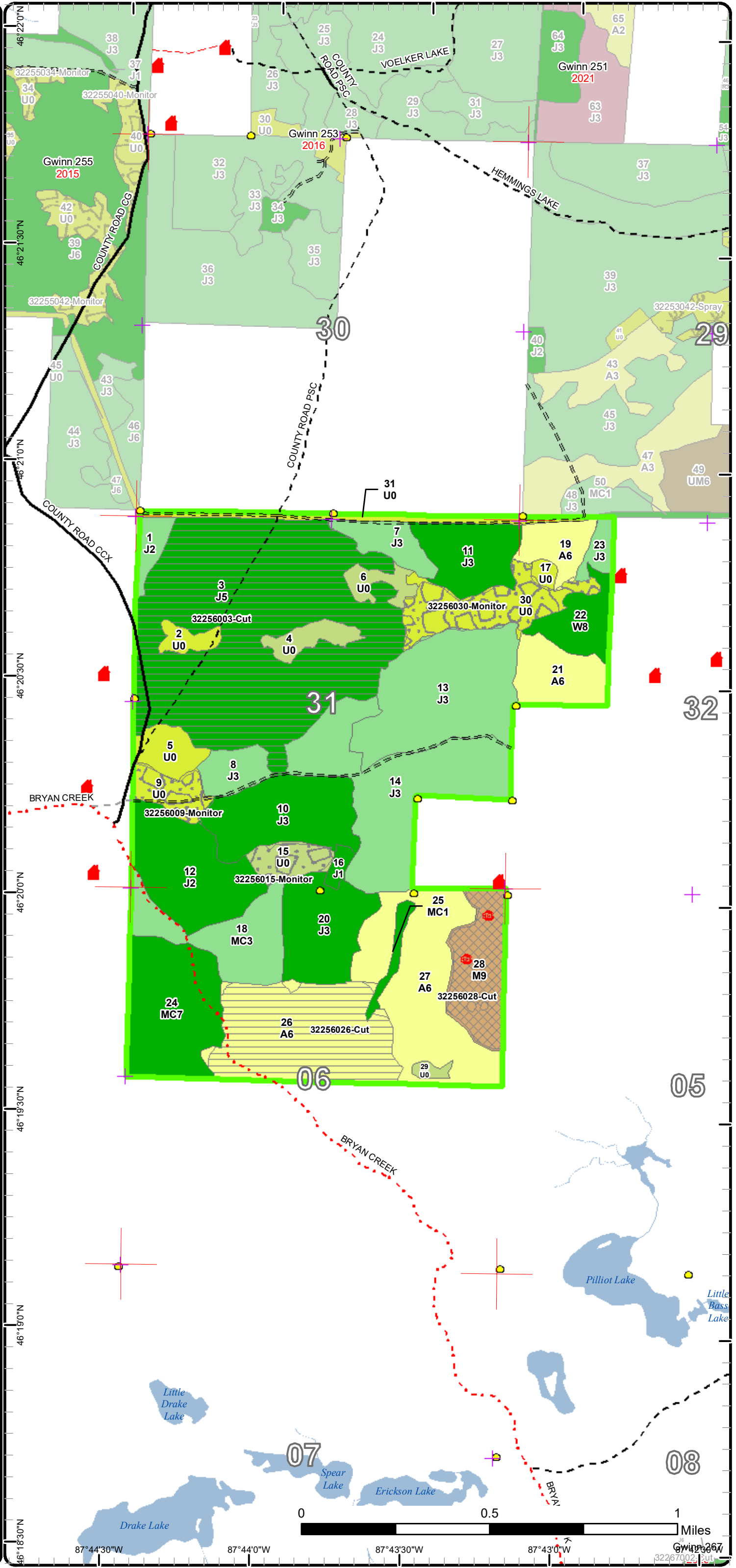
	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	0	0	87	100	0	0	0	0	0	0	0	0	0	0	0	0	187
Jack Pine	0	0	168	184	0	0	0	212	0	0	0	0	0	0	0	0	0	0	564
Low-Density Trees	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80
Natural Mixed Pines	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	59
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	0	34
Planted Mixed Pines	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36
Upland Shrub	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19
<b>Total</b>	<b>111</b>	<b>0</b>	<b>173</b>	<b>220</b>	<b>87</b>	<b>100</b>	<b>0</b>	<b>212</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>1010</b>

# Cover Type & Treatments Map

Compartment: 256  
 T46N, R27W, Sec. 31, 32  
 T45N, R27W, Sec. 6  
 County: Marquette  
 Unit: Gwinn  
 Mgmt Area: Voelker Plains  
 YOE: 2022  
 Acres: 1011 GIS Calculated  
 Examiner: Jason Caron  
 Map Revised: 3/2/2021  
 Map Phase: Post-Review

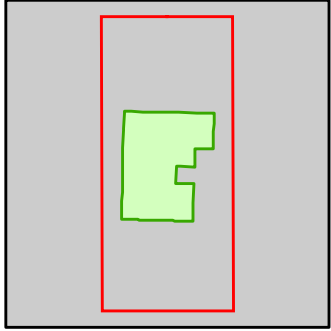


- Miris Corners
- Remonumented Section Corners
- Survey Grade Corners
- Counties
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- - Federal / State - Dirt / Gravel Road
- . . County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- 🏠 Cabin
- 🛑 Sign
- ▭ Compartment Boundary
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- ▨ Regeneration Survey
- 411 - Northern Hardwood
- 413 - Aspen Types
- 421 - Planted Pines
- 422 - Natural Pines
- 320 - Upland Shrub
- 330 - Low Density Trees

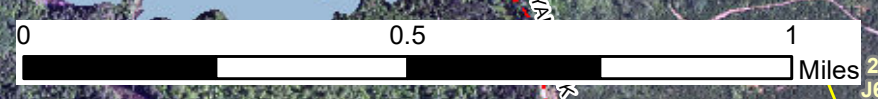
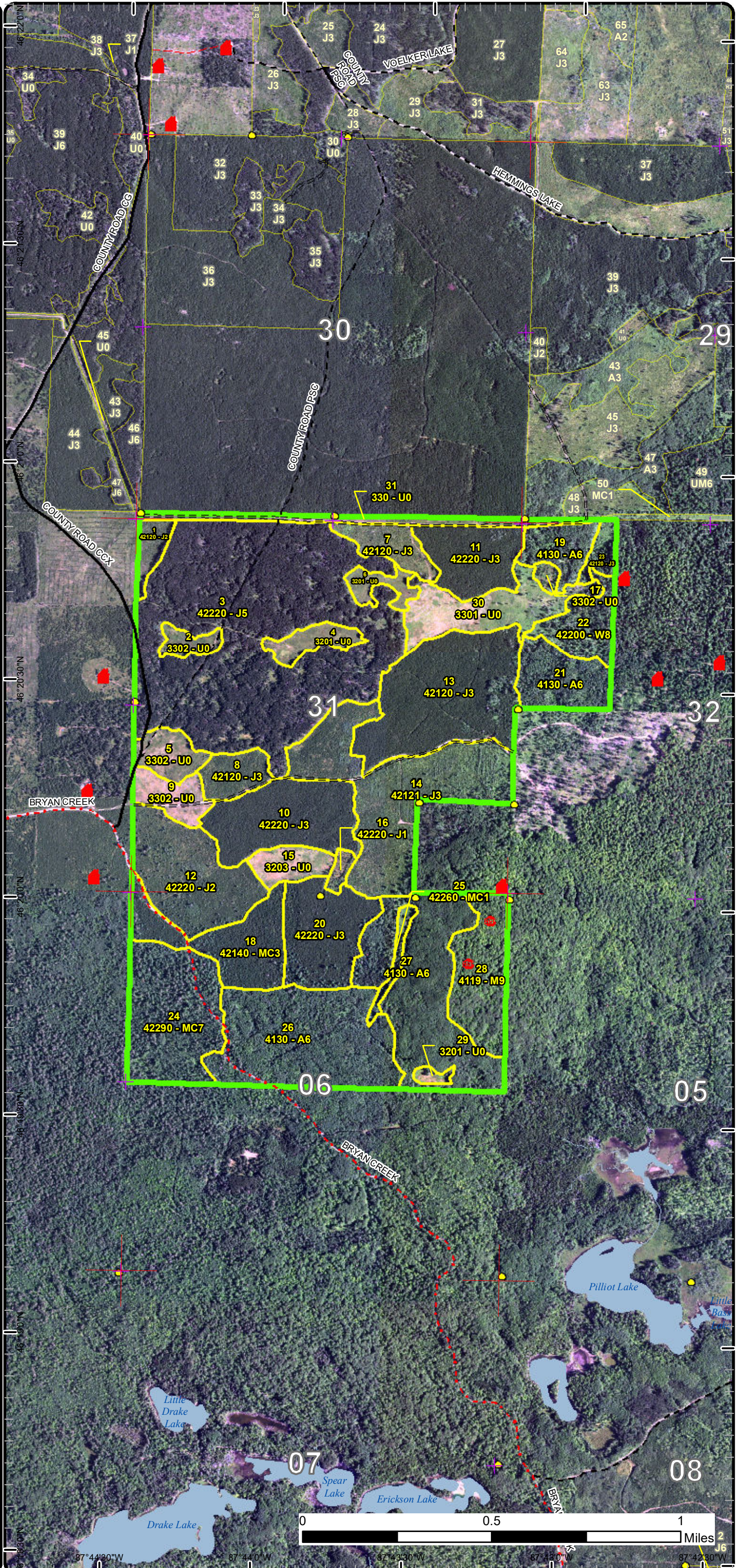


# Special Conservation Areas

Compartment: 256  
 T46N, R27W, Sec. 31, 32  
 T45N, R27W, Sec. 6  
 County: Marquette  
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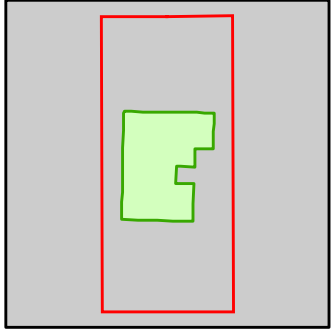
- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- Counties
- DNR - Forest Access Route
- Federal / State / County - Paved Road
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- Intermittent Stream
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- Perennial River
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- Cabin
- Sign
- Compartment Boundary
- Stand Boundaries
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- 421 - Planted Pines
- 422 - Natural Pines
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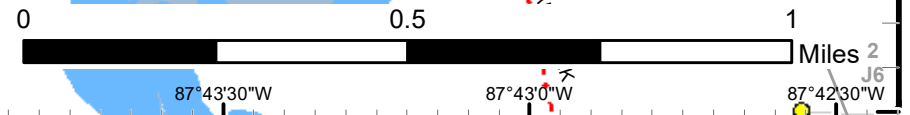
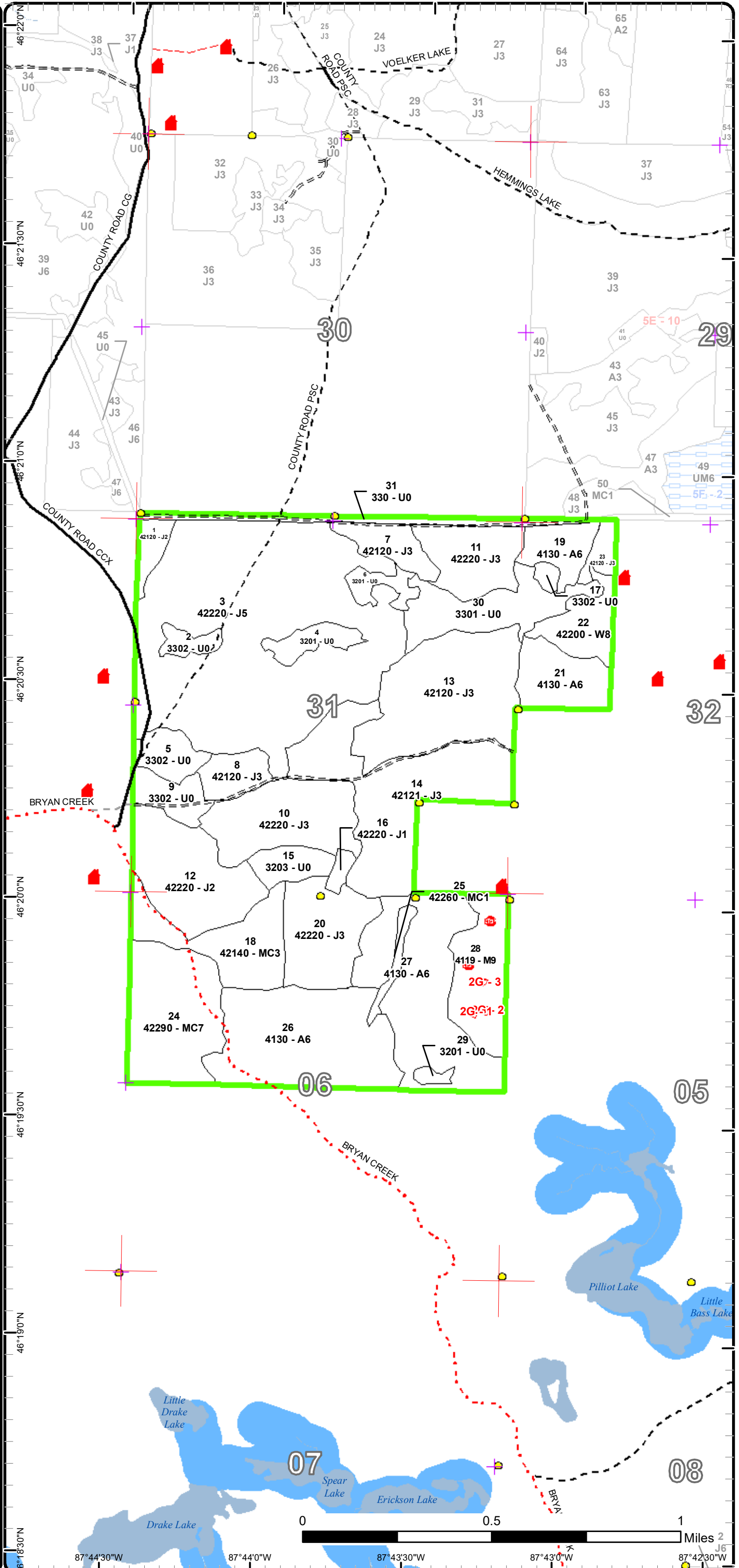
87°44'30"W    87°44'0"W    87°43'30"W    87°43'0"W    87°42'30"W

# Stand Boundary Map

Compartment: 256  
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- Miris Corners
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- Counties
- 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
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Cabin
- Sign
- Compartment Boundary
- Unavailable
- 2G: Too wet (sensitive soils, does not include access issues)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer



46°18'30"N 87°44'30"W 87°44'0"W 87°43'30"W 87°43'0"W 87°42'30"W  
 46°18'30"N 46°19'00"N 46°19'30"N 46°20'00"N 46°20'30"N 46°21'00"N 46°21'30"N 46°22'00"N



## Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2022

Acres of Harvest

Compartment 256  
Total Compartment Acres: 1,011

Commercial Harvest - 316  
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
Aspen	73	0	0	0	0	0	0	0	0	73
Jack Pine	212	0	0	0	0	0	0	0	0	212
Northern Hardwood	0	31	0	0	0	0	0	0	0	31
<b>Total</b>	<b>285</b>	<b>31</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>316</b>

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	316	0	0	0	0	55	0	0	0	372
Next Step	0	267	212	212	0	212	316	0	212	1431
<b>Total</b>	<b>316</b>	<b>267</b>	<b>212</b>	<b>212</b>	<b>0</b>	<b>212</b>	<b>372</b>	<b>0</b>	<b>212</b>	<b>1803</b>



Stand Name	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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**Proposed Treatments:**

46	32255046-Cut	10.5	42120 - Planted Jack Pine	Poletimber Well	58	111- 140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut. Do not harvest oak or white pine, if it exists.  <u>Specs:</u>  <u>Next Step</u> Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr)  <u>Treatments:</u>  <u>Acceptable</u> Red Pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2021</p>											
47	32255047-Cut	5.0	42120 - Planted Jack Pine	Poletimber Well	58	111- 140	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut. Do not harvest oak &amp; white pine, if they exist.  <u>Specs:</u>  <u>Next Step</u> Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr)  <u>Treatments:</u>  <u>Acceptable</u> Red Pine  <u>Regen:</u>  <u>Other</u>  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2021</p>											

**Approved Treatments:**

3	32256003-Cut	211.9	42220 - Natural Jack Pine	Poletimber Medium	64	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with no retention. Do not harvest any oak or white pine, if it exist.  <u>Specs:</u>  <u>Next Step</u> Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); NonForestMgt, Other -  <u>Treatments:</u> Specify; Seeding, Machine Seed  <u>Acceptable</u> Red Pine  <u>Regen:</u>  <u>Other</u> No retention due to cultivation concerns.  <u>Comment:</u>  <u>Site Condition</u>  <u>Proposed Start Date:</u> 10/1 /2021</p>											



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>9 32256009-Monitor</b>	12.3	3302 - Low Density Conifer Trees	Nonstocked			Monitoring	Artificial Regen(3yr)	42220 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Count per regen manual  <u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching  <u>Treatments:</u></p> <p><u>Acceptable</u> Jack Pine  <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%  <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>15 32256015-Monitor</b>	10.9	3203 - Upland Blueberry	Nonstocked			Monitoring	Artificial Regen(3yr)	42220 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Count per regen manual  <u>Specs:</u></p> <p><u>Next Step</u> ; SitePrep, Trenching  <u>Treatments:</u></p> <p><u>Acceptable</u> Jack Pine  <u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%  <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										
<b>26 32256026-Cut</b>	73.4	4130 - Aspen	Poletimber Well	45	1-50	Harvest	Clearcut with Retention	4133 - Aspen, Mixed Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut with patch retention. Do not harvest oak within the stand. Green tree (or designate in the prescription) large red or white pine to be  <u>Specs:</u> left, cut the remaining pine to encourage aspen regeneration. Retention should include a mix of the parent stand. Red line out retention pockets to meet current work instruction guidelines.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> maple, pine, oak, aspen, fir, spruce, and birch.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										
<b>28 32256028-Cut</b>	30.9	4119 - Mixed Northern Hardwoods	Sawtimber Well	111	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	No
<p><u>Prescription</u> Selectively mark this stand to 70-80 square feet of residual basal area. Do not harvest under represented species within the stand such as  <u>Specs:</u> pine and yellow birch. Where oak densities are higher within the stand, mark oak. Where oak densities are lower within the stand, favor oak. Create canopy gaps and thin around oak to promote regeneration. Numerous vernal ponds exist within the stand. Make sure to identify these and red line them out. I identified 3 within the stand, but there may be more.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)  <u>Treatments:</u></p> <p><u>Acceptable</u> Maple, oak, pine, and birch.  <u>Regen:</u></p> <p><u>Other</u>  <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2021</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>30 32256030-Monitor</b>	32.1	3301 - Low Density Deciduous Trees	Nonstocked			Monitoring	Artificial Regen(3yr)	42220 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Count per regen manual</p> <p><u>Specs:</u></p> <p><u>Next Step</u> SitePrep, Trenching</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Jack Pine</p> <p><u>Regen:</u></p> <p><u>Other</u> Percent to Treat = 100%</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>										

**Total Treatment** 387  
**Acreage Proposed:**

## Report 4 – Site Conditions

Gwinn Mgt. Unit  
Jason Caron : Examiner

Compartment: 256  
Year of Entry: 2022

### Availability for Management

Total Acres	Acres Available	<i>Acres Avail</i> <i>With Condition</i>	Acres Not Available	Dominant Site Conditions	2G
187	187	<i>0</i>	0	Aspen	
565	565	<i>0</i>	0	Jack Pine	
80	80	<i>0</i>	0	Low-Density Trees	
59	59	<i>0</i>	0	Natural Mixed Pines	
34	33	<i>0</i>	1	Northern Hardwood	1
36	36	<i>0</i>	0	Planted Mixed Pines	
31	31	<i>0</i>	0	Upland Shrub	
19	19	<i>0</i>	0	White Pine	
1,011	1,010		1	Total Forested Acres	1
	100%		0%	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 Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
2	Unavailable	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
3	Unavailable	<b>2G: Too wet (sensitive soils, does not include access issues)</b>	0	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							

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
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Comments

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**Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
 HCVA = High Conservation Value Area  
 SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																
1	42120 - Planted Jack Pine	Sapling Medium	7.4	16	Immature	N/A	Harvested in 2005: TS#113-02-01 followed by direct seeding: FTP#C32-638. Stand has passed regeneration survey, FTP is now closed. The 2015 count numbers where 687 jp per acre. 63% of the stand is stocked much of the rest of the stand is partly stocked.																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>100</td> <td>Sapling</td> <td>3</td> <td>16</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	100	Sapling	3	16											
Canopy Species	% Cover	Size Class	DBH	Age																			
Jack Pine	100	Sapling	3	16																			
2	3302 - Low Density Conifer Trees	Nonstocked	6.1	0		No																	
3	42220 - Natural Jack Pine	Poletimber Medium	212.0	64	81-110	N/A	Stand of mature jack pine. Individual tree mortality noticed within the stand.																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>100</td> <td>Log/Pole</td> <td>10</td> <td>64</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	100	Log/Pole	10	64	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>Low</td> <td>&gt;20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	>20 feet	Pole	
Canopy Species	% Cover	Size Class	DBH	Age																			
Jack Pine	100	Log/Pole	10	64																			
Sub-Canopy Species	Density	Avg. Height	Size																				
Jack Pine	Low	>20 feet	Pole																				
4	3201 - Sweet Fern	Nonstocked	9.5			Managed Opening	Prescribed burned in 2002.																
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Jack Pine	Trace		Sapling																				
Jack Pine	Low		Seeding																				
5	3302 - Low Density Conifer Trees	Nonstocked	12.4			Managed Opening	Semi-open area clear cut in 2001 followed by a prescribed burn to create a wildlife opening.																
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Jack Pine	Low		Seeding																				
6	3201 - Sweet Fern	Nonstocked	7.8			Managed Opening	Man made opening in created in 1990. Prescribed burned in 2002.																
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7	42120 - Planted Jack Pine	Sapling Well	13.7	15	Immature	N/A	Harvested in 2005: TS#113-02-01, direct seeded FTP#C32-638. Stand has passed regeneration survey, FTP is now closed. The 2015 count numbers where 878 jp per acre. 2020 Inventory - Stand is fully stocked. Poor form on some of the jack pine but overall looks good.																
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8	42120 - Planted Jack Pine	Sapling Well	12.5	16	Immature	N/A	Harvested in 2004: TS#112-02-01. Trenched and direct seeded.																
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9	3302 - Low Density Conifer Trees	Nonstocked	12.9			4212 - Planted Jack Pine	Stand was clearcut in the fall of 2013. FTP# 32-820 has been submitted and approved to trench and seed. Site Scarified in the fall of 2014. Failed a regen check in 2017. in 2018 site was trenched under 32-820. Was planted in 2019, passed regen walkthough. 5-22-18: Regen survey completed on 5-21-18 showed an average of 258 TPA, with 8% being fully stocked (600 TPA+), 16% being 400 TPA, and the remaining 75% being understocked (300 or less TPA). Stand was planted in the spring of 2019. High blueberry and sweet fern cover in areas of low stocking.																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
10	42220 - Natural Jack Pine	Sapling Well	44.2	25	Immature	N/A	Harvested in 1995: TS#2-92. Direct seeded: FTP#C31-339. A few aspen clones occur in this stand. 2020 Inventory - Stand looks healthy and is beginning to add some diameter. Stand was hit hard this winter due to heavy wet snow. Individual and pocket mortality will likely occur due to trees being laid flat with the heavy snow.																												
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11	42220 - Natural Jack Pine	Sapling Well	27.7	26	Immature	N/A	Harvested in 1995: TS#1-92. Direct seeded. Stand consists of healthy jack pine. The heavy snows in the winter of 2020 have broken individual trees and also flattened small areas within the plantation.																												
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12	42220 - Natural Jack Pine	Sapling Medium	47.9	16		N/A	Harvested in 1995 then direct seeded: FTP#C31-340. Appears to have some regeneration failure in south central portions of the stand. Some white pine included in red pine call.																												
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13	42120 - Planted Jack Pine	Sapling Well	72.1	26	Immature	N/A	Harvested in 1995: TS#1-92. Reforested: FTP#C-31-340. A few white pine included in red pine canopy call.																												
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14	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	80.7	17	Immature	N/A	Harvested in 2004: TS#112-02-01. Trenched and direct seeded. In north west portion of stand, jack pine seedlings approximate 3 feet tall. Pockets of aspen throughout the stand exist.																												
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15	3203 - Upland Blueberry	Nonstocked	11.5			4212 - Planted Jack Pine	Stand was clearcut in the fall of 2013. FTP# 32-820 has been submitted and approved to trench and seed. Site Scarified in the fall of 2014. Failed a regen check in 2017. in 2018 site was trenched under 32-820. will be planted in 2019. Was planted in 2019, passed regen walkthrough.																												
16	42220 - Natural Jack Pine	Sapling Poor	3.3	21	Immature	N/A	Natural regeneration in a wildlife opening that was created in 1996. Approximately 200 trees per acre.																												
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18	42140 - Planted Mixed Pine	Sapling Well	35.6	25	1-50	N/A	Harvested in 1995: TS#2-92. Planted to red pine: FTP#C31-339. Naturally regenerated jack pine dominates in significant portions of this stand.																																														
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19	4130 - Aspen	Poletimber Well	15.0	34	1-50	N/A	Harvested in 1987: TS#5-82. Stand consists of fully stocked pole sized aspen. Stand looks healthy.																																														
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21	4130 - Aspen	Poletimber Well	24.2	42	51-80	N/A	Harvested in 1979: TS#15-78A. Stand consists of decent quality aspen mixed with scattered pine.																																														
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22	42200 - Natural White Pine	Sawtimber Medium	18.9	121	1-50	N/A	Stand was harvested in the fall of 2013. All white and red pine were left within the stand as well as some paper birch. Red maple and Aspen pockets are starting to regenerate within the understory. The further you go south into the stand the overall tree diameter decreases. More understory regen exists in the southern portion of the stand.																																														
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<b>23</b>	42120 - Planted Jack Pine	Sapling Well	6.4	16	1-50	N/A	Harvested in 2005: TS#113-02-01. Northern portion trenched and planted to red pine: FTP#C32-638. Stand has passed regeneration survey, FTP is now closed. The 2015 count numbers where 800 jp per acre.																																																			
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<b>24</b>	42290 - Natural Mixed Pine	Sawtimber Poor	54.5	109	1-50	N/A	Harvested in 2004: TS#110-02-01. Wide ranging stocking due to harvest history. Well stocked aspen understory. Light densities of 5 to 10 foot red and white present.																																																			
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<b>25</b>	42260 - Natural Pine, Mixed Deciduous	Sapling Poor	5.0	16	Immature	N/A	Stand has converted over to forested. A mix of jack pine, white pine, and red maple exist. Stand will continue to fill in as it ages.																																																			
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<b>26</b>	4130 - Aspen	Poletimber Well	75.6	45	1-50	N/A	Harvested in 1976: TS#19-72A. Stand of poorer quality aspen. Stand contains scattered mature red, white, and jack pine throughout.																																																			
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<b>27</b>	4130 - Aspen	Poletimber Well	72.3	39	1-50	N/A	Harvested in 1982: TS#17-81A. Stand of healthy big tooth and quaking aspen. Scattered log sized oak within the stand. Rolling hills exist throughout the stand.																																																			
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<b>28</b>	4119 - Mixed Northern Hardwoods	Sawtimber Well	33.6	111	81-110	N/A	Harvested in 1982: TS#20-81. Stand of decent quality hardwood. Basal area averages 90 - 100 square feet. Pockets of larger diameter sugar maple and oak exist within the stand. Some areas of the stand contain decent sapling/pole sized hardwood.																																													
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<b>29</b>	3201 - Sweet Fern	Nonstocked	2.3			Managed Opening	Disked and seeded in 2002. Lots of common mullen.																																													
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<b>30</b>	3301 - Low Density Deciduous Trees	Nonstocked	33.0			4212 - Planted Jack Pine	Stand was clearcut in the fall of 2013. FTP# 32-820 has been submitted and approved to trench and seed. Site Scarified in the fall of 2014. Failed a regen check in 2017. in 2018 site was trenched under 32-820. will be planted in 2019. Was planted in 2019, passed regen walkthrough.																																													
<b>31</b>	330 - Low-Density Trees	Nonstocked	13.2	0		No	Former ELF line. Some jack pine and cherry are starting to fill in.																																													