

## **Compartment Review Presentation**

**Gwinn Forest Management Unit** 

Compartment 32208 Entry Year 2018 Acreage: 1,114

**County Marquette** 

Management Area: Yellowdog Plains

Revision Date: 2016-08-09 Stand Examiner: Rick Hill

**Legal Description:** 

T50N-R29W, sections 4, 5, 8, 9. T51N-R29W, section 35

### **Identified Planning Goals:**

Vegetative management in the Yellow Dog Plains management area will provide a variety of forest products; maintain or enhance wildlife habitat; protect areas with unique characteristics; and provide for forest based recreational uses.

## Soil and topography:

Glacial outwash plains and drainage ways compose the land form in this compartment. The topography is level to rolling with the exception of some steeper slopes down into the drainage ways. Soils range from courser sands to loamy sands to organics in the drainage ways.

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

This compartment is mostly surrounded smaller private land holdings and camps to the north, east and south. There are also Weyerhaeuser lands bordering the compartment. State land borders the far east edge of the compartment. Land use is primarily for forest production and passive recreation.

### **Unique Natural Features:**

A small pond is present within this compartment. The head waters of the Yellow dog river are within the vicinity of this compartment as well.

## Archeological, Historical, and Cultural Features:

There is an old homestead site within the compartment locally known as Anderson homestead. This site is well known locally and includes the standing remains of a hay barn.

## **Special Management Designations or Considerations:**

None at this time.

### Watershed and Fisheries Considerations:

a small pond is present within this compartment. The head waters of the Yellow dog river are within the vicinity of this compartment as well.

### Wildlife Habitat Considerations:

Compartment 208 is found within the Yellow Dog Plains Management Area; which is on an Outwash Plain in northern Marquette County. The State Forest covers about 3,800 acres and is somewhat scattered parcels. The dominant natural communities are dry northern forest. The major forest cover type is jack pine. This management area provides multiple benefits to the public including forest products, dispersed recreational activities, and habitat for fish and wildlife species. The management priority in this area is to continue to provide these multiple benefit in a sustainable manner while minimizing user conflicts. Wildlife considerations in the Yellow Dog Plains Management Area consist of managing jack pine habitat with strategies that more closely mimic natural fire disturbance regimes, to increase early successional jack pine management where appropriate while increasing stand size and striving to accommodate many species associated with xeric forest habitat is desirable. Some of the most significant wildlife management issues in the management area are: mast (hard and soft); habitat fragmentation; within stand diversity; mature forest condition; mesic conifer; large open land complexes; and early successional forest.

The following have been identified as featured species for Yellow Dog Plains Management Area: Black Bear, Gray Jay, Kirtland's Warbler, Spruce Grouse, and Upland Sandpiper.

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

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. There is insufficient data to determine the glacial drift thickness (>150 feet within the outwash plain). The Proterozoic Michigamme Formation subcrops below the glacial drift. The Michigamme does not have a current economic use. Gravel pits are not located in the

area, but the little evidence that exists suggests there is good gravel potential. Eagle Mine is less than three miles to the east and the majority of the state minerals in the compartment are currently leased for metallic mineral exploration and development. There is no economic oil and gas production in the UP.

#### **Vehicle Access:**

There is a well developed road system on the state owned land in the area. some temporary roads may be needed to harvest some of the stands currently prescribed in the compartment.

## **Survey Needs:**

Some corners may be needed for planed timber sales. Survey requests will be submitted after treatments are approved.

### **Recreational Facilities and Opportunities:**

There is no developed recreation in this compartment. The heaviest public use is for hunting and trapping and berry picking. This compartment also has a snowmobile trail passing though it. The area also receives ORV traffic during the snow free months

#### Fire Protection:

This compartment is jack pine plans that are somewhat remote. Camps and mining use complicate any firefighting efforts that would be needed here.

## **Additional Compartment Information:**

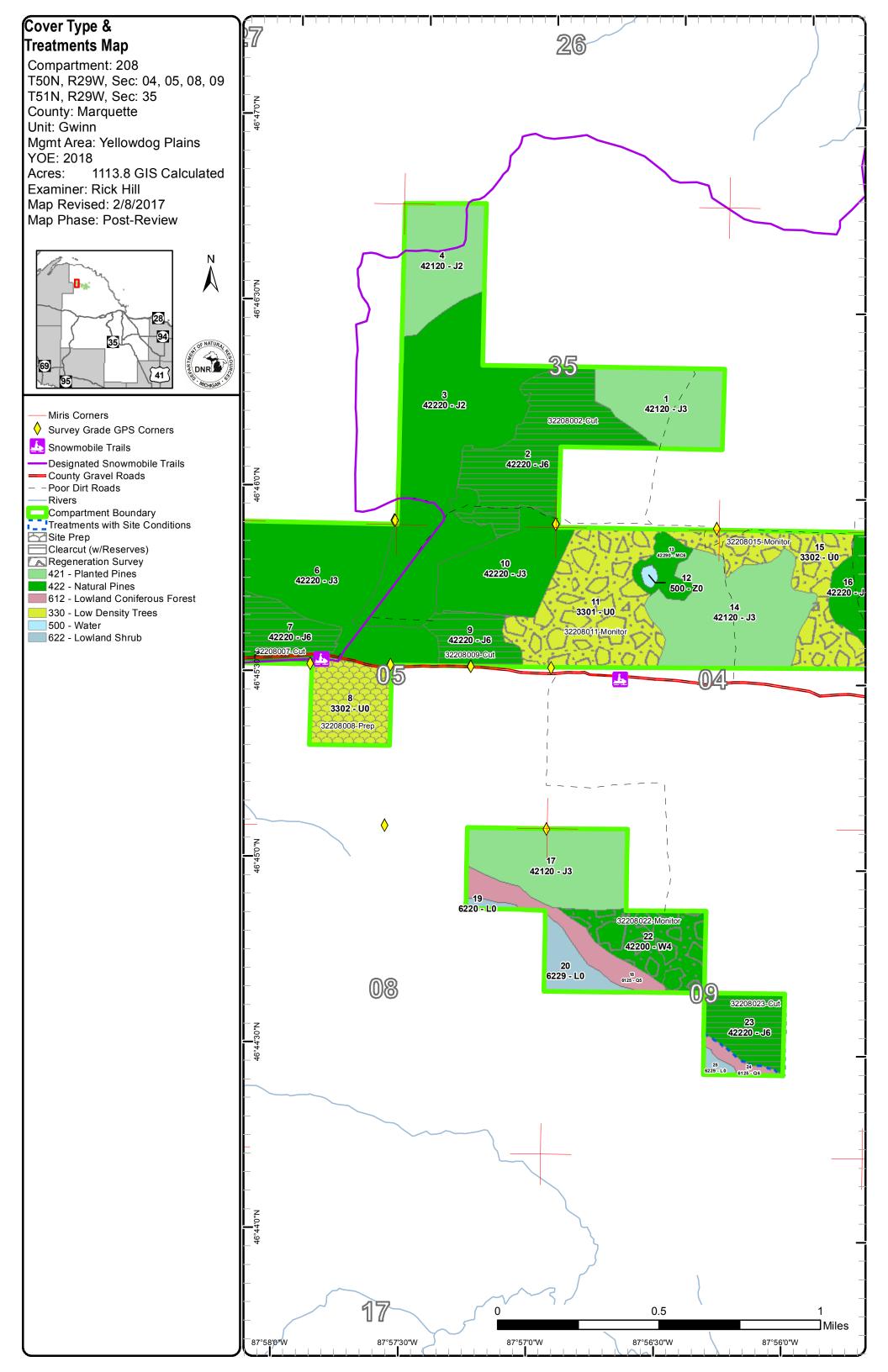
The following reports from the Inventory are attached:

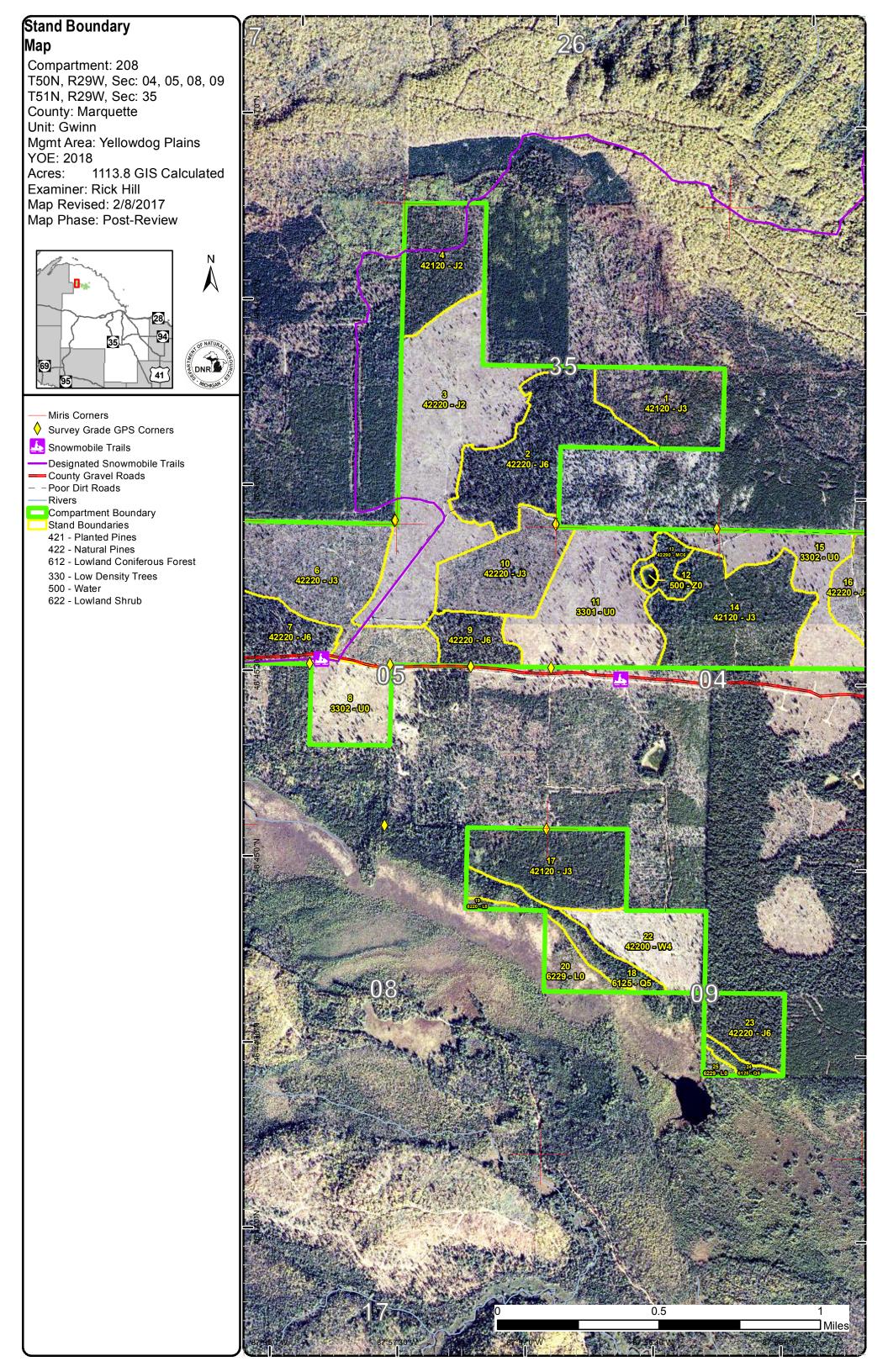
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

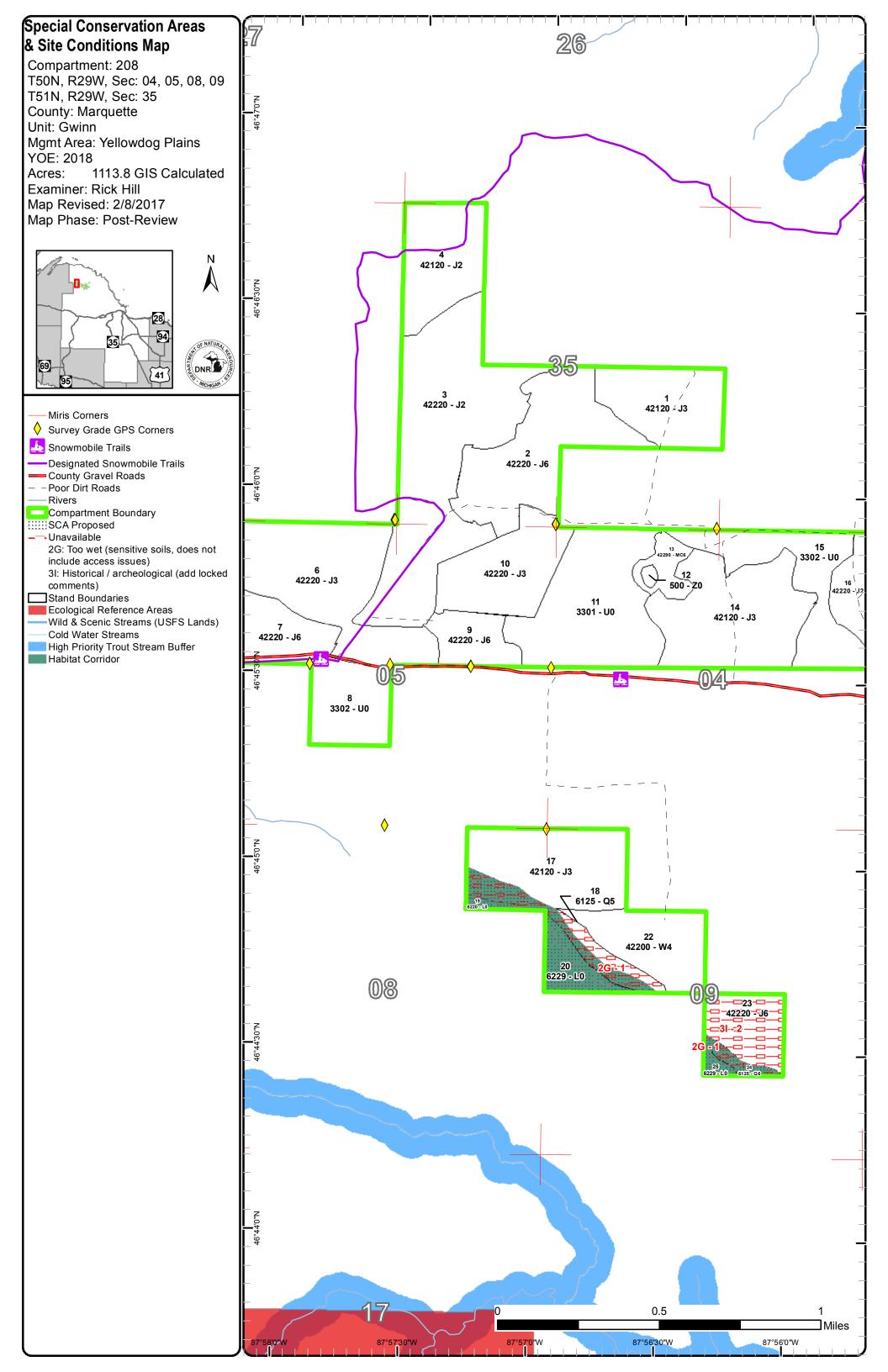
The following information is displayed, where pertinent, on the attached compartment maps:

Base feature information, stand boundaries, cover types, and numbers

Proposed treatments
Site condition boundaries
Details on the road access system







Gwinn Mgt. Unit

**Rick Hill: Examiner** 

# Compartment 208 Year of Entry 2018



## Age Class

|                     | Age. | A STATE OF THE STA | 3/2 | 0, 0, | So So | 3 / 6 | No. 10. | 3/8 |     | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 8 8 | \$ \\ \ge{g} | <b>~</b> / N | , S. /S. | , |   | N. P. S. | p* Jres |      | , |
|---------------------|------|--|-----|-------|-------|-------|---------|-----|-----|--|-----|--------------|--------------|----------|---|---|--|---------|------|---|
| Jack Pine           | 0    | 163  | 187 | 267   | 0     | 0     | 0       | 90  | 93  | 0                                      | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 800  | ĺ |
| Low-Density Trees   | 196  | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 0   | 0                                      | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 196  |   |
| Lowland Conifers    | 0    | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 32  | 0                                      | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 32   |   |
| Lowland Shrub       | 25   | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 0   | 0                                      | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 25   |   |
| Natural Mixed Pines | 0    | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 0   | 14                                     | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 14   |   |
| Water               | 2    | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 0   | 0                                      | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 2    | l |
| White Pine          | 0    | 0  | 0   | 0     | 0     | 0     | 0       | 0   | 0   | 46                                     | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 46   | l |
| Total               | 223  | 163  | 187 | 267   | 0     | 0     | 0       | 90  | 125 | 60                                     | 0   | 0            | 0            | 0        | 0 | 0 | 0  | 0       | 1115 |   |



## **Report 2 – Treatment Summary**

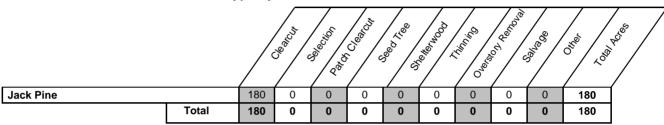
## Gwinn Mgt. Unit Year of Entry: 2018

### **Acres of Harvest**

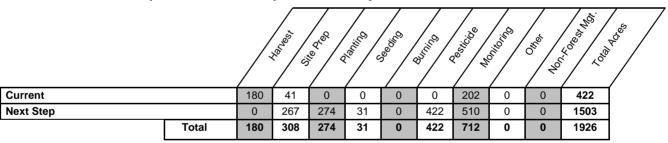
Compartment 208
Total Compartment Acres: 1,114

Commercial Harvest - 62 Harvests with Site Condition - 118 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



# **Proposed and Next Step Treatments by Method**



Report 3 -- Treatments

Compartment: 208

Year of Entry: 2018

| a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType           | Size<br>Density    | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method        | Cover Type<br>Objective     | Age<br>Structure | Approval<br>Status      | 7 |
|-------------|-------------------|-------|------------------------------|--------------------|--------------|-------------|-------------------|----------------------------|-----------------------------|------------------|-------------------------|---|
| 2           | 32208002-Cut      | 86.7  | 42220 - Natural<br>Jack Pine | Poletimber<br>Well | 65           | 51-80       | Harvest           | Clearcut with<br>Retention | 4222 - Natural<br>Jack Pine | Even-Aged        | Draft Field<br>Boundary |   |

**Habitat Cut: No** Site Condition: Survey Needed

Prescription Clearcut stand. Leave all oak, white pine, and red pine if present. To protect Kirtland Warbler during the nesting and fledging period no operations will be allowed from 6/1-7/15. Retention Will be a 3-4 small clumps placed around the edges of the stand using red line totaling about Specs:

Next Step SitePrep, Scarification; Pesticide, Aerial; Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Jack pine, spruce

Regen:

Other An additional area will left along the edge of the stand to achieve the minimum retention for this stand.

Comment:

To protect nesting neo-tropical migrant birds and any potential Kirtland warblers during the nesting and fledging period work should be restricted

from 6/1 - 7/15. Retention should include a few clumps of 15+ trees

10/01/2017 **Proposed Start Date:** 

32208007-Cut 36.5 42220 - Natural Poletimber 4222 - Natural Draft Field 51-80 Harvest Clearcut with Even-Aged Jack Pine Well Retention Jack Pine Boundary

**Habitat Cut: No Site Condition:** 

Prescription Clearcut stand, leave red pine, oak and white pine if present. To protect Kirtland Warbler during the nesting and fledging period no operations will

Specs: be allowed from 6/1-7/15. Leave 3-5 patches of jack pine totaling 1.5 acres using the sale boundary for retention.

SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Aerial Next Step

**Treatments:** 

Acceptable Jack pine, spruce

Regen:

To protect nesting neo-tropical migrant birds and any potential Kirtland warblers during the nesting and fledging period work should be restricted Other

Comment: from 6/1 - 7/15. Retention should include a few clumps of 15+ trees

Proposed Start Date: 10/01/2017

32208008-40.7 3302 - Low Density Nonstocked 4212 - Planted Draft Field Unspec SitePrep Trenching Even-Aged Conifer Trees ified Jack Pine Boundary Prep

**Habitat Cut: No Site Condition:** 

Prescription Trench per tms spec. (C32-767)

Specs:

Next Step Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); Pesticide, Aerial; SitePrep, Trenching

Treatments:

Acceptable jack pine, spruce, white pine, red pine.

Regen:

Other

Comment:

**Proposed Start Date:** 10/21/2015

32208009-Cut 25.6 42220 - Natural Poletimber 74 51-80 Harvest Clearcut with 4222 - Natural Draft Field Even-Aged Jack Pine Retention Well Jack Pine Boundary

**Habitat Cut: No Site Condition:** 

Prescription Clearcut stand, leave red pine, oak and white pine if present. To protect Kirtland Warbler during the nesting and fledging period no operations will Specs:

be allowed from 6/1-7/15. Leave 3-5 patches of jack pine totaling 1 acre using the sale boundary for retention.

Next Step SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); Pesticide, Aerial

**Treatments:** 

Acceptable Jack pine, spruce

Regen:

Other To protect nesting neo-tropical migrant birds and any potential Kirtland warblers during the nesting and fledging period work should be restricted

from 6/1 – 7/15. Retention should include a few clumps of 15+ trees Comment:

Proposed Start Date: 10/01/2017

Year of Entry: 2018

Boundary

Compartment: 208

Jack Pine

| a<br>n<br>d | Treatment<br>Name | Acres | Stand<br>CoverType | Size<br>Density | Stand<br>Age | BA<br>Range | Treatment<br>Type | Treatment<br>Method | Cover Type<br>Objective | Age<br>Structure | Approval<br>Status |
|-------------|-------------------|-------|--------------------|-----------------|--------------|-------------|-------------------|---------------------|-------------------------|------------------|--------------------|
| 11          | 32208011-         | 96.1  | 3301 - Low Density | Nonstocke       | d 0          | Unspec      | Monitoring        | Artificial          | 4212 - Planted          | Even-Aged        | Draft Field        |

Regen(1yr)

ified

**Site Condition: Habitat Cut: No** 

Prescription Plant per TMS spec. C32-752

Monitor

Specs:

; Pesticide, Skidder/Mechanical; Planting, Replant; Monitoring, Artificial Regen(3yr) Next Step

**Deciduous Trees** 

**Treatments:** 

Acceptable Jack pine, red pine, spruce

Regen:

Other Percent to Treat = 100%

Comment:

**Proposed Start Date:** 04/01/2017

32208015-59.5 3302 - Low Density Nonstocked 0 Unspec Artificial 42220 - Natural Even-Aged Draft Field Monitoring **Conifer Trees** Jack Pine Boundary **Monitor** Regen(1yr)

**Habitat Cut: No Site Condition:** 

Prescription Count Per TMS spec. 32-752

Specs:

Next Step Planting, Replant; Pesticide, Skidder/Mechanical; Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable jack pine, red pine, spruce

Regen:

Other Percent to Treat = 100%

Comment:

**Proposed Start Date:** 04/01/2007

32208022-22 46.4 42200 - Natural Poletimber 81 Unspec Monitoring Natural Regen 4222 - Natural Even-Aged Completed -Pending Edits Monitor White Pine Poor ified (Intermediate) Jack Pine

**Habitat Cut: No Site Condition:** 

Prescription Check regen per WI and TMS spec c32-769.

Specs:

Next Step Planting, Initial Plant; SitePrep, Trenching; Pesticide, Aerial; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable jack pine

Regen:

Other

Comment:

**Proposed Start Date:** 10/22/2015

32208023-Cut 30.9 42220 - Natural Poletimber 51-80 Clearcut with 4222 - Natural Draft Field Harvest Even-Aged Well Jack Pine Retention Jack Pine Boundary

**Habitat Cut: No** Site Condition: Historical/Archaeological

Prescription Cut all trees except do not cut red pine or white pine. To protect Kirtland Warbler during the nesting and fledging period no operations will be

allowed from 6/1-7/15. Specs:

Next Step SitePrep, Scarification; Seeding, Machine Seed; Monitoring, Natural Regen (Intermediate); Planting, Initial Plant; Pesticide,

Treatments: Skidder/Mechanical

Acceptable Jack pine, spruce, fir and mixed conifer.

Regen:

Other Retention will be a buffer along stand 24 not to exceed 10% of the stand area.

Comment:

**Proposed Start Date:** 10/01/2017

**Total Treatment** 422.4

Acreage Proposed:

Gwinn Mgt. Unit

Rick Hill : Examiner Year of Entry: 2018

Compartment: 208

| Availa | bility for | Managemer      | nt            |                      |       |         |      |         |
|--------|------------|----------------|---------------|----------------------|-------|---------|------|---------|
| Total  | Acres      | Acres Avail    | Acres         | D                    | omina | nt Site | Conc | ditions |
| Acres  | Available  | With Condition | Not Available |                      | 21    | 2G      | 31   |         |
| 799    | 681        | 87             | 31            | Jack Pine            | 87    |         | 31   |         |
| 196    | 196        | 0              | 0             | Low-Density Trees    |       |         |      |         |
| 32     | 0          | 0              | 32            | Lowland Conifers     |       | 32      |      |         |
| 25     | 25         | 0              | 0             | Lowland Shrub        |       |         |      |         |
| 14     | 14         | 0              | 0             | Natural Mixed Pines  |       |         |      |         |
| 2      | 2          | 0              | 0             | Water                |       |         |      |         |
| 46     | 46         | 0              | 0             | White Pine           |       |         |      |         |
| 1,114  | 964        | 87             | 63            | Total Forested Acres | 87    | 32      | 31   |         |
|        | 87%        | 8%             | 6%            | 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.

| Unavailable | 2G: Too wet (sensitive                                     | 20  |   |   |   |   |
|-------------|--|---|---|---|---|---|
|             | soils, does not include access issues)                     | 32  | Unspecified   | Unspecified   | Unspecified   | Unspecified   |
| Comments:   |  |   |   |   |   |   |
| Unavailable | 3I: Historical /<br>archeological (add locked<br>comments) | 31  | 2I: Survey needed   | Unspecified   | Unspecified   | Unspecified   |
| Comments:   |  |   |   |   |   |   |
| Available   | 2l: Survey needed  | 87  | Unspecified   | Unspecified   | Unspecified   | Unspecified   |
| Comments:   |  |   |   |   |   |   |
|             | omments:<br>Available                                      | archeological (add locked comments) omments:  Available 2I: Survey needed | archeological (add locked comments)  omments:  Available 2I: Survey needed 87 | archeological (add locked comments)  omments:  Available 2I: Survey needed 87 Unspecified | archeological (add locked comments)  omments:  Available 2I: Survey needed 87 Unspecified Unspecified | archeological (add locked comments)  omments:  Available 21: Survey needed 87 Unspecified Unspecified Unspecified |

02/27/2017 9:15:39 AM - Page 1 of 1 DOHMN

Compartment: 208
Year of Entry: 2018



## 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                                  | Habitat Areas or Corridors                                    | Habitat Corridor | SCA Removal    | 9     |
| Comments                                  | Habitat Areas or Corridors                                    | Habitat Corridor | SCA Removal    | 39    |
| Unspecified Comments SCA = Wet willow mar | Habitat Areas or Corridors                                    | Habitat Corridor | Proposed SCA   | 3     |
| Unspecified Comments SCA = Wet willow mar | Habitat Areas or Corridors sh-unique lowland wildlife habitat | Habitat Corridor | Proposed SCA   | 4     |
| Unspecified Comments SCA= Leave as a buff | Habitat Areas or Corridors er between marsh and harvest area. | Habitat Corridor | Proposed SCA   | 5     |
| Unspecified Comments SCA= Leave as a buff | Habitat Areas or Corridors er between marsh and harvest area. | Habitat Corridor | Proposed SCA   | 10    |
| Unspecified Comments SCA = Wet willow mar | Habitat Areas or Corridors sh-unique lowland wildlife habitat | Habitat Corridor | Proposed SCA   | 12    |
| Unspecified Comments SCA= Leave as a buff | Habitat Areas or Corridors er between marsh and harvest area. | Habitat Corridor | Proposed SCA   | 14    |

Mgt. Unit Compartment:
Year of Entry

# 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.

| Conservation<br>Area | Туре | Description | ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area |
|----------------------|------|-------------|---|
|                      |      |             |   |

| S                | Gwini                                     | n Mgt. Unit          |       | Report 7     | – Forested  | Stands Compartment: 208 Year of Entry: 2018   |
|------------------|---|----------------------|-------|--------------|-------------|---|
| t<br>a<br>n<br>d | Level 4<br>Cover Type                     | Size<br>Density      | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:  |
| 1                | 42120 - Planted Jack<br>Pine              | Sapling Well         | 54.2  | 24           | Immature    | This stand was trenched and planted in 1993.  |
| 2                | 42220 - Natural Jack<br>Pine              | Poletimber<br>Well   | 90.3  | 65           | 51-80       | Multi-aged stand ranging from overmature to immature with a ratio of about 50\50.   |
| 3                | 42220 - Natural Jack<br>Pine              | Sapling<br>Medium    | 163.0 | 6            | Immature    | This stand was harvested in 2011, TS#101-08-01 Anderson Homestead Sale. Scarified by anchor chaining post sale in 2011 at a cost of \$11016.00. Regeneration count to come in 2016. Count Results show 95.4% of stand is well stocked at 1244 trees per acre this unit is being closed.                                 |
| 4                | 42120 - Planted Jack<br>Pine              | Sapling<br>Medium    | 54.7  | 23           | Immature    | Stand was cut in 1990, it was planted 1994.   |
| 6                | 42220 - Natural Jack<br>Pine              | Sapling Well         | 102.4 | 17           | Immature    | Harvested in 2000: TS#23-98-01. Regeneration has filled in over past 15 years there are some sparse area but over all the stand is well stocked.  |
| 7                | 42220 - Natural Jack<br>Pine              | Poletimber<br>Well   | 36.5  | 74           | 51-80       |   |
| 9                | 42220 - Natural Jack<br>Pine              | Poletimber<br>Well   | 25.6  | 74           | 51-80       | Multi-aged stand due to past harvesting practices. Ranges from overmature to mature to immature.  |
| 10               | 42220 - Natural Jack<br>Pine              | Sapling Well         | 57.2  | 17           | Immature    | Cut in 2000, TS#24-98-01.   |
| 13               | 42290 - Natural Mixed<br>Pine             | Poletimber<br>Well   | 13.5  | 81           | 51-80       | CUT IN 92 PERMIT #23-88. TRENCHED '92. PLANTED W/RED PINE SPRING 93. Natural jack and white pine regeneration rivals the planted red pine. Stand is roughly 50\50 white and red pine sawtimber.   |
| 14               | 42120 - Planted Jack<br>Pine              | Sapling Well         | 90.9  | 24           | Immature    | CUT 92 PERMIT #23-88.TRENCHED FALL 92.PLANTED SPRING OF 93.   |
| 16               | 42220 - Natural Jack<br>Pine              | Sapling<br>Medium    | 26.6  | 17           | Immature    | Cut in 2000, TS#24-98-01. Planted with seed fall 2000.  |
| 17               | 42120 - Planted Jack<br>Pine              | Sapling Well         | 66.6  | 27           | Immature    | CUT IN 88-89 PERMIT #24-88.PLANTED 5/90.  |
| 18               | 6125 - Lowland Black<br>Spruce, Jack Pine | Poletimber<br>Medium | 26.3  | 73           | 1-50        |   |
| 22               | 42200 - Natural White<br>Pine             | Poletimber<br>Poor   | 46.4  | 81           | Unspecified | Stand was harvested in 2011 TS#104-08-01 fetching yellow dog sale. under FTP C32-769.   |
| 23               | 42220 - Natural Jack<br>Pine              | Poletimber<br>Well   | 30.9  | 78           | 51-80       | Jack pine here is starting to decline. A harvest is recommended here before the stand losses more volume. The remains of the Bentley trial pass though this stand, archeological importance and protection need to be decided before the harvest can be prepared. Access this stand from plumb creek lands to the west. |

| S<br>t      | Gwinr                                     | Gwinn Mgt. Unit    |       |              | – Forested Stands | Compartment: 208<br>Year of Entry: 2018 | DNR          |  |
|-------------|---|--------------------|-------|--------------|-------------------|---|--------------|--|
| a<br>n<br>d | Level 4<br>Cover Type                     | Size<br>Density    | Acres | Stand<br>Age | BA<br>Range       | General<br>Comments:                    | MICHIGAN . S |  |
| 24          | 6125 - Lowland Black<br>Spruce, Jack Pine | Poletimber<br>Well | 5.9   | 73           | 51-80             |   |              |  |

Compartment: 208 Year of Entry: 2018



| Stand | Cover Type                        | Acres | Managed<br>Site | General Comments:  |
|-------|-----------------------------------|-------|-----------------|--|
| 8     | 3302 - Low Density Conifer Trees  | 40.7  |                 | Harvested in 2011: TS#101-08-01. Scarified using anchor chains post sale(c32-767). Pending regeneration survey results trench and plant.   |
| 11    | 3301 - Low Density Deciduous Tree | 96.1  |                 | Harvested in 2010, TS#102-08-01 Bentley Pond Sale. Under FTP C32-752, for jack pine regeneration. Site was scarified in 2011 this treatment failed in the summer of 2015 this site was trenched. Stand was planted by Superior Forestry Services in spring of 2016 at a rate of 1000 jp/ac. Planting costs where \$29940.00. |
| 12    | 500 - Water                       | 1.7   | No              | a small pond.  |
| 15    | 3302 - Low Density Conifer Trees  | 59.5  | No              | Harvested in 2010, TS#102-08-01 Bently Pond sale. FTP# C32-752, Scarified in 2011 by Holli FP, at a cost of \$8532.00. Stand was planted by Superior Forestry Services in spring of 2016 at a rate of 1000 jp/ac.  |
| 19    | 6220 - Alder/willow               | 2.8   | No              |  |
| 20    | 6229 - Mixed lowland shrub        | 18.6  | No              |  |
| 25    | 6229 - Mixed lowland shrub        | 3.5   | No              |  |