



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42011

Entry Year 2025

Acreage: 1,792

County Luce

Management Area: Grand Marais Moraine Complex

Stand Examiner: Amy Livermore

Legal Description:

T49N R11W Sections 4, 5 & 6
T49N R12W Part of section 1

Identified Planning Goals:

Recreation, timber, wildlife and fisheries are the main uses of this area. The goal is to manage for all of these simultaneously and to provide, enhance and perpetuate their uses.

Soil and topography:

Compartment mostly consists of Deer Park and Rubicon Sand with a predominately forested cover type of pine. The topography throughout the compartment varies from level to rolling with some steep ridges. There are also receding beach line topographical features along the north half of the compartment. The topographical features in this compartment were not identified as Critical Dunes but these features are very similar to areas that have been identified as Critical Dunes in adjacent areas.

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

The entire compartment is state owned as well as all of the land surrounding it. Lake Superior is the north border of the compartment. The area has been managed for timber production in the past. The North Country Pathway runs through this compartment. The compartment is used for an assortment of recreational opportunities.

Unique Natural Features:

The Lake Superior shoreline and the rolling topography of the landscape offer interesting natural features and should be considered as unique. Other interesting natural features within the compartment are Ready Lakes, Rainy Lake, and the Blind Sucker River. MNFI states the potential of osprey, merlin, eagle, GBH rookery, Goshawk, loon, Blanding's turtle, Yellow Rail, American bittern, and rare marsh plants occurring within this area.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

The North Country Pathway runs through this compartment mostly along the Lake Superior shoreline. The topography throughout this compartment is rolling to steep and is similar to other areas that have been identified as a Critical Dunes. Guidelines have been established on how to operate on this topography.

Watershed and Fisheries Considerations:

ELSMU-Cory Kovacs

Blind Sucker River and Rainy Lake are the two main waterbodies located in this compartment. The Ready Lakes complex is also present in the southern portion of the compartment. To protect the riparian areas around these waterbodies (and the waterbody near stand 46), a minimum of 100-ft, plus 5-ft per 1% increase in slope, riparian management zone is recommended in accordance with Best Management Practices.

Wildlife Habitat Considerations:

Compartment 11- This compartment lies along the shoreline of Lake Superior and is in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection. The vegetation is primarily red pine with a significant component of jack pine in western portions and paper birch along the shoreline. Oak and birch are commonly components of stands. Overall, presettlement vegetation patterns appear to have been similar to the current landscape of this compartment.

Wildlife objectives will be met by retaining soft and hard mast producing species and red and white pine in jack pine final harvests to provide a food source, nest and den trees, and improve stand diversity. Wildlife featured species in this management area include blackburnian and black throated blue warbler, spruce and sharp-tailed grouse, snowshoe hare, black bear, American marten, piping plover, Kirtland's warbler, black-backed woodpecker, and red crossbill.

Mineral Resource and Development Concerns and/or Restrictions

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for

metallic minerals in this area. The nearest known active sand/gravel pit is four miles southeast. There appears to be some potential for sand & gravel within the compartment on the uplands, but the compartment might be too far from populated areas (commercial markets) for any aggregate resources present to have much economic value beyond limited use by the county road commission, logging companies, or DNR for local road maintenance. No current State mineral leasing activity exists in the area.

Vehicle Access:

Access to the compartment can be gained by County Road 407 (Grand Marais Road) and County Road 410. These roads are maintained by the Luce County Road Commission. There are several two track roads (approximately 7 miles) that receive minimal to no maintenance. These roads are typically very sandy and may have portions that are difficult to pass without 4-wheel drive.

Survey Needs:

None.

Recreational Facilities and Opportunities:

Recreational opportunities consist of fishing, hunting, hiking, camping, wildlife viewing, berry picking, ORV riding, snowmobiling and site seeing. There are three nearby state forest campgrounds, Blind Sucker #1, Blind Sucker # 2 and Lake Superior Campground. Blind Sucker #1 Campground is located along the Blind Sucker Flooding / River 1 mile west of this compartment. Lake Superior Campground is also approximately 1 mile west of this compartment and is located along the Lake Superior shoreline where people have access to the lake. Blind Sucker #2 is located along the Blind Sucker Flooding and is approximately ½ mile west of the compartment. All campgrounds are fairly popular. A portion of the Pine Ridge ORV trail runs through the compartment, through stands 12, 37, 39 and 41. Do not skid along the trail, and if any trail marker trees must be cut, work with the ORV trails analyst or Rec Specialist to post carsonite posts with trail markers. Keep the trail clear of logging slash and debris. A portion of the North County National Scenic Trail traverses the northern boundary of the compartment, along the Lake Superior shoreline.

Fire Protection:

Mostly conifer cover types in the compartment and large fire runs are possible. Several stands of Mixed Deciduous cover types may slow fire spread to allow resources to be effective at fire suppression. Access is limited in some areas of the compartment. Some trail roads will need improvement to be effective fire lines. No private property bordering this compartment.

Additional Compartment Information:

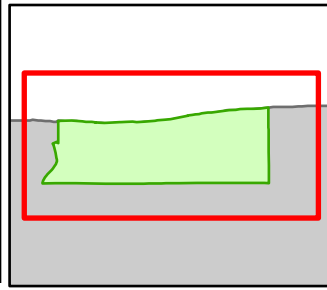
The following reports from the Inventory are attached:

- 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**

Stand Boundary Map



Compartment: 42011
 T49N-R11W Sec. 04-06
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
 Moraine Complex
 YOE: 2025
 Acres: 1791.7 GIS Calculated
 Examiner: Amy Livermore
 Map Revised: 05/21/2024
 Map Phase: Post-Maps



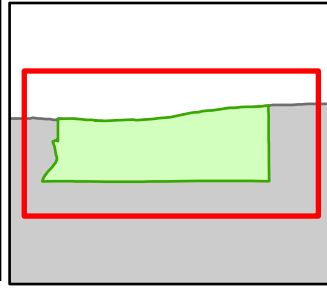
- Berms
- Sign
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Horse Trails
- ORV Trails
- Designated Equestrian Trails
- Designated Hiking Pathways
- Designated ATV Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Counties
- Stand Boundaries

- 412 - Oak Types
- 413 - Aspen Types
- 414 - Other Upland Deciduous
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 122 - Roads/Parking Lot
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 710 - Sand/Soil
- State Forests



Special Conservation Areas & Site Conditions Map

Compartment: 42011
 T49N-R11W Sec. 04-06
 County: Luce
 Unit: Newberry
 Mgmt Area: Grand Marais
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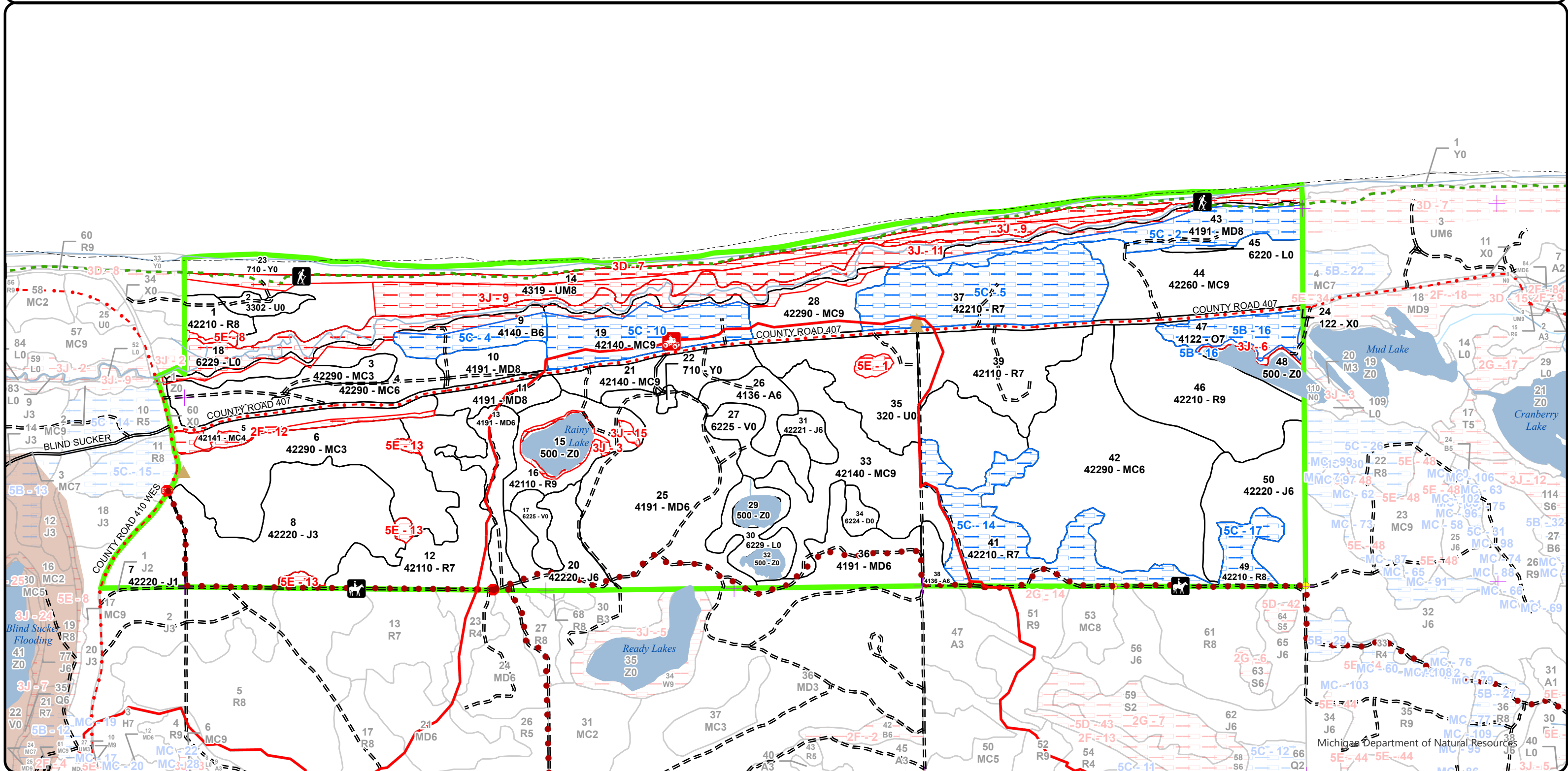
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Miles

- Berms
- Sign
- Survey Grade Corners
- Remonumented Section Corners
- Hiking Trails
- Horse Trails
- ORV Trails
- Designated Equestrian Trails
- Designated Hiking Pathways
- Designated ATV Trails

- DNR - Secondary Forest Road
- DNR - Forest Access Route
- County - Gravel Road
- Island in Lake or River
- Lake/Pond
- Perennial River
- Shoreline
- Lakes and Rivers
- Compartment Boundary
- Counties
- SCA

- Available w/ Constraints
- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 3D: Recreational / Scenic values
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Wildlife Research Areas



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+	Unseen-Aged	Total
Aspen	0	0	0	0	6	17	0	0	0	0	0	0	0	0	0	0	0	0	23
Bog	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
Jack Pine	0	0	22	83	26	55	0	0	0	0	0	0	0	0	0	0	0	0	186
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Lowland Shrub	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86
Mixed Upland Deciduous	0	0	0	0	0	162	0	0	29	0	42	0	0	0	0	0	0	0	233
Natural Mixed Pines	0	0	72	0	164	0	0	0	61	0	62	0	0	0	0	0	0	0	359
Oak	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	21
Paper Birch	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	21
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	158	0	0	0	0	0	0	0	0	158
Red Pine	0	0	0	0	0	0	0	0	12	79	125	149	0	0	0	0	0	0	365
Sand, Soil	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51
Treed Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	114	0	0	0	0	0	0	0	114
Upland Shrub	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Urban	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
Water	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Total	314	0	94	83	196	234	0	0	102	237	385	149	0	0	0	0	0	0	1793



Report 2 – Treatment Summary

Newberry Mgt. Unit

Year of Entry: 2025

Acres of Harvest

Compartment 11

Total Compartment Acres: 1,792

Commercial Harvest - 304
 Harvests with Site Condition - 77
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshory Removal	Salvage	Other	Total Acres
Planted Mixed Pines	0	0	0	13	28	65	0	0	0	105
Red Pine	173	0	0	15	0	89	0	0	0	276
Total	173	0	0	28	28	153	0	0	0	381

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	381	0	0	0	0	0	80	0	0	461
Next Step	0	401	247	0	0	631	490	0	61	1829
Total	381	401	247	0	0	631	570	0	61	2291



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:

2	42011002-Monitor	6.4	3302 - Low Density Conifer Trees	Nonstocked	0	Immature	Monitoring	Natural Regen (Intermediate)	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> monitor for regen <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Acceptable regen of jack pine with minor component of red pine and white pine. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2023</p>											
5	42011005-Cut	12.8	42141 - Planted Mixed Pine, Mixed Deciduous	Poletimber Poor	84	81-110	Harvest	Seed Tree	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Thin to 10-20 BA. Take all maple and birch. Retention will be left in steep areas delineated by the site condition. Leave large aspen and birch <u>Specs:</u> in the red line. Leave all oak. <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u> <u>Acceptable</u> red pine, jack pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2024</p>											
12	42011012-Cut	60.8	42110 - Planted Red Pine	Sawtimber Poor	99	1-50	Harvest	Clearcut with Retention	42110 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Clearcut. Leave pocket retention in areas that will have the least effect cultivation work. <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; Planting, Initial Plant; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr); SitePrep, Roller <u>Treatments:</u> Chopping; Pesticide, Aerial - Site Prep; Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Non <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 /2024</p>											



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
16	42011016-Cut	23.8	42110 - Planted Red Pine	Sawtimber Well	83	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	No
<p><u>Prescription</u> Concentrate on removing large diameter red pine. Thin to 70-90 BA. Leave a 100 foot buffer around Rainy Lake that cannot be thinned <u>Specs:</u> below 80 BA. On the NE corner increase the buffer to the top of the slope.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> red pine <u>Regen:</u></p> <p><u>Other</u> Acreage may change due to topography. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
21	42011021-Cut	27.5	42140 - Planted Mixed Pine	Sawtimber Well	83	111- 140	Harvest	Shelterwood with Retention	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Thin to 30-40 BA. Cut all aspen, paper birch and jack pine. Mark the rest of the stand to retain the 30-40 BA. Focus on leaving good quality <u>Specs:</u> red pine. Leave mature aspen or birch in the red line. Mark 6 aspen or birch to leave. Leave all oak.</p> <p><u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate) <u>Treatments:</u></p> <p><u>Acceptable</u> red pine, jack pine, red oak, aspen, red maple, paper 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 /2024</p>											
33	42011033-Cut	64.5	42140 - Planted Mixed Pine	Sawtimber Well	83	81-110	Harvest	Crown Thinning	429 - Mixed Upland Conifers	Even-Aged	No
<p><u>Prescription</u> Thin to 40-50 BA. Take over sized and poor formed trees. Favor leaving small, well-formed red and white pine. Leave all hemlock and some <u>Specs:</u> clumps of spruce.</p> <p><u>Next Step</u> <u>Treatments:</u></p> <p><u>Acceptable</u> red pine, white pine, jack pine, red maple <u>Regen:</u></p> <p><u>Other</u> Stand acreage may changed based on the ground conditions. <u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2024</p>											
35	42011035- Monitor	73.7	320 - Upland Shrub	Nonstocked	0	Unspec ified	Monitoring	Natural Regen (Intermediate)	4222 - Natural Jack Pine	Even-Aged	No
<p><u>Prescription</u> Monitor for regen <u>Specs:</u></p> <p><u>Next Step</u> Planting, Interplant <u>Treatments:</u></p> <p><u>Acceptable</u> jack pine, spruce, white pine, red pine <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 /2024</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
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39	42011039-Cut	50.1	42110 - Planted Red Pine	Sawtimber Poor	83	1-50	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	No
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Prescription Clearcut with retention. Retention must be on the edge to accommodate cultivation work.

Specs:

Next Step Monitoring, Artificial Regen(1yr); SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Pesticide, Skidder - Site Prep;
Treatments: Pesticide, Skidder - Release; Pesticide, Aerial - Site Prep; Pesticide, Aerial - Release; Monitorin

Acceptable red pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

41	42011041-Cut	62.1	42210 - Natural Red Pine	Sawtimber Poor	93	1-50	Harvest	Clearcut with Retention	4221 - Natural Red Pine	Even-Aged	No
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Prescription Clearcut with retention. Leave retention south and west of ATV trails to accommodate cultivation work.

Specs:

Next Step ; Monitoring, Artificial Regen(3yr); SitePrep, Trenching; SitePrep, Roller Chopping; Planting, Initial Plant; Monitoring, Artificial
Treatments: Regen(1yr); Pesticide, Skidder - Site Prep; Pesticide, Skidder - Release; Pesticide, Aerial - Site Prep;

Acceptable red pine

Regen:

Other

Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2024

46	42011046-Cut	64.8	42210 - Natural Red Pine	Sawtimber Well	105	111-140	Harvest	Crown Thinning	42210 - Natural Red Pine	Even-Aged	No
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Prescription Thin to 70-90 BA. Thin to no less than 80 BA within 100' of the lake. Leave all oak. Leave clumps of spruce. Leave red and white pine over
Specs: 20" dbh. Thin to no less than 100' from the lake.

Next Step ; Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable red pine, white pine

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2024

49	42011049-Cut	14.7	42210 - Natural Red Pine	Sawtimber Medium	105	81-110	Harvest	Seed Tree with Retention	4221 - Natural Red Pine	Even-Aged	No
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Prescription Thin to 10-20 BA, leaving behind good quality red pine. Take all black spruce. Leave approximately 15 white pine scattered throughout as
Specs: part of the 10-20 BA

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

Treatments:

Acceptable red pine, white pine, black spruce

Regen:

Other

Comment:

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2024



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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
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Total Treatment Acreage Proposed: 461.2

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 11
Year of Entry: 2025

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions						
		With Condition				5B	5C	2F	3D	3J	5E	
23	23	0		0	Aspen							
27	27	0		0	Bog							
185	185	0		0	Jack Pine							
7	7	0		0	Low-Density Trees							
86	20	0		66	Lowland Shrub		0				66	
232	191	33		9	Mixed Upland Deciduous		33				9	
360	352	0		8	Natural Mixed Pines		0				8	
21	0	19		3	Oak	19					3	
21	0	16		5	Paper Birch		16				5	
145	92	39		14	Planted Mixed Pines		39	8			5	
364	206	146		12	Red Pine		146				5	7
51	51	0		0	Sand, Soil							
5	5	0		0	Treed Bog							
114	26	0		88	Upland Mixed Forest				37		51	
77	74	0		3	Upland Shrub							3
29	29	0		0	Urban						0	
32	32	0		0	Water							
1,779	1,319	252		207	Total Forested Acres	19	234	8	37		152	10
	74%	14%		12%	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	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	33	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 11
Year of Entry: 2025

3	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	69	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	3D: Recreational / Scenic values	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments: NCT and Lake Superior Shoreline							
8	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 11
Year of Entry: 2025

9	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	51	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Narrow portion between River and Lake Superior.							
10	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	39	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	94	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Blind Sucker River and RMZ							
12	Unavailable	2F: Too steep	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	62	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 9/2023: Treatment on hold pending final guidance on natural pine.							

Report 4 – Site Conditions

Newberry Mgt. Unit
Amy Livermore : Examiner

Compartment: 11
Year of Entry: 2025

15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5B: Maintain for regeneration purposes	19	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Good oak regeneration present after harvest. Possible cut in 2035 YOE							
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 9/2023: Treatment on hold pending final guidance on natural pine.							

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



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	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
HCVA	Designated Critical Habitat	Critical habitat areas are established via a consultative and cooperative process between the DNR and the U.S. Fish and Wildlife service for the recovery of threatened and endangered species, as governed by Part 365, Endangered Species Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, and the Federal Endangered Species Act of 1973. This is an active program, with proposed species plans in various stages of review. As of now only two exist, Kirtland Warbler Habitat and Piping Plover Habitat.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
5	42141 - Planted Mixed Pine, Mixed Deciduous	Poletimber Poor	21.3	84	81-110	N/A	Pole size red pine and jack pine with components of larger red pine and jack pine. Component of red oak, aspen and white birch as well. Mortality showing in jack pine, aspen and white birch.																																																				
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6	42290 - Natural Mixed Pine	Sapling Well	72.2	17	1-50	N/A	Stand harvested as sale #007-05-01. Complete in 2006. Scarification after sale was complete. Jack pine regeneration filling in nicely, 4-7 ft tall. Aspen regeneration in pockets, 7-12 ft tall. Red maple regen as well. Residual red pine poles/logs as well as a few red maple and white birch poles.																																																				
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7	42220 - Natural Jack Pine	Sapling Poor	21.8	17		N/A	Young jack pine with red maple, and pole size red pine and white birch. Stand was harvested and scarified in 2006 (sale #007-05-01). Jack pine 3-5 ft tall, red maple stump sprouts 3-7 ft tall, and residual red pine and white birch left from harvest.																																																				
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8	42220 - Natural Jack Pine	Sapling Well	82.6	26	Immature	N/A	Stand was cut in 1997, sale #022-95. Regeneration of young jack pine and aspen. Pockets of residual mature red pine throughout. Residual white birch left as well. Occasional oak.																																																				
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9	4140 - Other Upland Deciduous	Poletimber Well	20.9	93	81-110	N/A	White birch stand with aspen, red maple, white pine and red pine. More white pine in the eastern portions of the stand. Stand borders the south side of the Sucker River. Pockets of pretty nice white birch. Scattered mountain ash near the river. Vein of small diameter aspen, maple and birch runs through the stand.																																																				
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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10 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 15.4 76 51-80 N/A

Fairly open white birch stand with red pine, white pine, red maple, aspen, red oak and jack pine. Mixed bag of species and ages. Lower quality, short heights. White birch and aspen showing decline and mortality. Stand will likely transition over to a pine stand as the white birch and aspen die out.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine	5	Pole	9		Balsam Fir	Low	Variable	Sapling
Red Maple	5	Pole	8		White Pine	Medium	Variable	Sapling
Red Oak	2	Pole	9		Red Maple	Medium	10 - 20 feet	Sapling
Paper Birch	43	Pole	8	76	Red Pine	Medium	Variable	Sapling
Bigtooth Aspen	10	Log/Pole	10					
Red Pine	25	Log/Pole	10					

11 4191 - Mixed Upland Deciduous with Conifer Sawtimber Medium 13.4 75 51-80 N/A

Aspen stand with a mix of white birch, white pine and red pine. Component of small diameter red maple. Mortality in aspen and white birch. Small diameter and short birch. Aspen tops out at 3 sticks merchantable. South portion of the stand includes a fairly steep ridge.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	40	Pole	9	75	White Pine	Low	Variable	Sapling
Bigtooth Aspen	25	Log/Pole	11		Red Pine	Low	Variable	Sapling
White Pine	5	Log	11		Balsam Fir	Medium	Variable	Sapling
Red Pine	25	Log/Pole	10					

12 42110 - Planted Red Pine Sawtimber Poor 62.5 99 1-50 N/A

Stand cut fall 2017 Rainy Lake Pine 42-24-15. Scarify summer 2018. ***

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	10	Pole	8		Red Maple	Low	Variable	Sapling
White Pine	5	Pole/Log	9		White Pine	Medium	Variable	Sapling
Red Maple	5	Pole	8		Balsam Fir	Low	5 - 10 feet	Sapling
Red Pine	80	Log/Pole	11	99	Jack Pine	Low	< 5 feet	Sapling
					Red Pine	Low	10 - 20 feet	Sapling
					Aspen (spp.)	Low	10 - 20 feet	Sapling

Stand cut in 2006 as sale #007-05. Originally part of adjacent stand to the west (J6 last inventory). This portion of the original stand had higher red pine BA and was not opened up enough to promote jack pine regeneration after the sale. Stand is now a red pine stand with a component of white birch, white pine and red maple. Very little red pine or jack pine regeneration. Areas that were opened up after the harvest do have aspen, red pine, and jack pine regeneration. **Stand originally planted in 1939. 8/11/22

13 4191 - Mixed Upland Deciduous with Conifer Poletimber Well 22.4 47 1-50 N/A

Stand was harvested in 1976. Regenerated to mainly white birch, aspen, balsam and red maple. Residual red pine and white pine. Pockets in stand of more aspen. More balsam and spruce near low ground edge. Very thick stand in most areas. Scattered red oak.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Paper Birch	40	Pole/Sapling	5	47	Paper Birch	Low	5 - 10 feet	Sapling
Quaking Aspen	25	Pole/Sapling	5		White Pine	Low	Variable	Sapling
Balsam Fir	10	Pole/Sapling	5		Balsam Fir	Medium	Variable	Sapling
Red Pine	5	Log/Pole	10		Red Maple	Medium	< 5 feet	Sapling
Red Maple	10	Pole/Sapling	5					
White Pine	5	Pole/Sapling	5					



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments												
14	4319 - Mixed Upland Forest	Sawtimber Medium	114.2	98	81-110	N/A	Stand has a large amount of variability from one end to the other. Entire stand was a white birch in 2004 inventory cycle. Much of the birch is dying out in portions of the stand, but is still healthy in other areas. Large diameter white pine and red pine throughout much of the stand. West end of the stand has very little overstory and is thick with balsam and red maple in the understory. Birch is dying out on the ridges closest to the lakeshore. Stand may end up converting to a mixed pine/conifer stand as the aspen and birch die out. NCT runs through the stand.												
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size									
Paper Birch		15	Pole	8	98	Red Oak		Low	< 5 feet	Sapling									
Bigtooth Aspen		5	Pole	9		Red Maple		High	Variable	Sapling									
Balsam Fir		10	Pole	8		White Pine		Low	10 - 20 feet	Sapling									
White Pine		30	Log/Pole	12	98	Balsam Fir		High	10 - 20 feet	Sapling									
Red Maple		25	Pole/Log	9		Paper Birch		Medium	Variable	Sapling									
Jack Pine		5	Pole	8															
Red Pine		10	Log	14															
15	500 - Water	Nonstocked	12.6			No		Rainy Lake											
16	42110 - Planted Red Pine	Sawtimber Well	28.9	83	141-170	N/A	Stand was thinning in 1986, sale #083-84. Good diameters, shorter heights. Some tops are starting to look "weak". Wp component mainly along the shore of Rainy Lake.												
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size									
White Pine		5	Log	11		Balsam Fir		Low	< 5 feet	Sapling									
Red Pine		91	Log/Pole	12	83	Red Maple		Low	10 - 20 feet	Sapling									
Red Maple		2	Pole	7		Red Pine		Low	Variable	Sapling									
Black Spruce		2	Pole	7		White Pine		Low	Variable	Sapling									
17	6225 - Bog	Nonstocked	8.7			No	<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>Black Spruce</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> <tr> <td>Jack Pine</td> <td>Low</td> <td></td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low		Sapling	Jack Pine	Low		Sapling
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Black Spruce	Low		Sapling																
Jack Pine	Low		Sapling																
18	6229 - Mixed lowland shrub	Nonstocked	65.9			No	Sucker River and surrounding lowland brush corridor.												
19	42140 - Planted Mixed Pine	Sawtimber Well	44.7	83	111-140	N/A	Mixed stand of red pine and jack pine. Some older larger diameter red pine throughout. Good component of red oak and aspen. Most of the aspen is in the eastern portion of the stand. Aspen showing decline, white birch is dying out. Pockets of more red pine and pockets thicker to jack pine. Stand originally planted in 1940												
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size									
Red Oak		8	Pole	9		White Pine		Low	< 5 feet	Sapling									
Paper Birch		2	Pole	8		Red Maple		Low	Variable	Sapling									
Red Pine		45	Log/Pole	10	83	Balsam Fir		Low	Variable	Sapling									
Jack Pine		40	Pole	8															
Bigtooth Aspen		5	Pole	9															
20	42220 - Natural Jack Pine	Poletimber Well	26.4	37	1-50	N/A		Sale #83-84. Young jack pine with a component of red pine, white birch and spruce. More spruce near lower ground areas. Some open grown, wolfy jack pine throughout.											
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size								
Paper Birch		10	Pole/Sapling	5		Jack Pine			Medium	5 - 10 feet	Sapling								
Red Pine		10	Pole/Sapling	5		Red Pine	Low		< 5 feet	Sapling									
Jack Pine		60	Pole/Sapling	6	37														
Black Spruce		20	Pole	5															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																											
21	42140 - Planted Mixed Pine	Sawtimber Well	27.5	83	111-140	N/A	Mixed stand of red pine and jack pine. Some older larger diameter red pine throughout. Good component of red oak and aspen. Most of the aspen is in the eastern portion of the stand. Aspen showing decline, white birch is dying out. Pockets of more red pine and pockets thicker to jack pine.																																											
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22	710 - Sand, Soil	Nonstocked	1.8			No	Rainy Lake Sand/Gravel pit																																											
23	710 - Sand, Soil	Nonstocked	48.8		Immature	No	Lake Superior shoreline, beach and sand dunes																																											
24	122 - Road/Parking Lot	Nonstocked	28.9			No	County Road 407 and cleared ROW																																											
25	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	107.7	48	1-50	N/A	Stand harvested in 1975. Regenerating to a mixed stand of white birch, aspen, balsam and red maple. Components of white pine, red pine and spruce. Some residual, larger diameter aspen, red maple, red pine and white pine. Very thick stand, some areas still mainly a sapling size stand. Northern 1/3 of the stand is more aspen than birch.																																											
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26	4136 - Aspen, Mixed Conifer	Poletimber Well	16.9	44	1-50	N/A	Stand harvested around 1979. Good aspen regeneration with a component of red maple, white birch, and balsam. Pole size red pine and white pine also present. Stand is has some rolling topography. There is approximately a 2 acre patch of log sized red pine in the center of the stand.																																											
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27	6225 - Bog	Nonstocked	17.8			No	Bog type ground, filling in with trees. Center portion of the stand is drier and has more open grown jack pine filling in. Willow and tag alder as well.																																											
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28	42290 - Natural Mixed Pine	Sawtimber Well	25.9	78	81-110	N/A	Mixed stand of red pine and jack pine. Some older larger diameter red pine throughout. Good component of red oak. Scattered aspen and white birch. White birch is dying out. Pockets of more red pine and pockets thicker to jack pine. Northern portion of the stand is larger diameter red pine.																																																						
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29	500 - Water	Nonstocked	5.3			No	Northern most of the Ready Lakes																																																						
30	6229 - Mixed lowland shrub	Nonstocked	17.8			No																																																							
31	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	8.1	47	1-50	N/A	Stand was cut in 1976. Regenerated to jack pine, aspen and birch. Mainly jack pine but some pockets thicker to aspen and birch. Some scattered large diameter red pine and white pine remaining from harvest. Small diameter pole stand, transitioning from saplings to poles.																																																						
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32	500 - Water	Nonstocked	3.0			No	One of the Ready Lakes.																																																						
33	42140 - Planted Mixed Pine	Sawtimber Well	64.6	83	81-110	N/A	Stand was set up as the "Couch Blind Sale", 036-95. The sale was not completed. The producer was cutting randomly throughout the stand. Most of the jack pine and aspen was cut in areas, but nothing was cut in other areas. Therefore, the stand has variability in canopy closure and species composition throughout. Various age classes within the stand as well. Large, older red pine and white pine mixed with younger red, white and jack pine. Also young balsam, spruce, maple and aspen in areas. Stand originally planted in 1940																																																						
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34	6224 - Treed Bog	Nonstocked	5.2			No																																																							
35	320 - Upland Shrub	Nonstocked	76.7	0	Unspecified	4222 - Natural Jack Pine	12/5/17: Part of Baraga Bound RP; #001-16; TCR 10/8/17. One retention pocket inclusion as well as several standing red pine residual. Scarified 10/2017; FTP 42-887. Some blowdown occurred in the fall of 2017. No trees are to be salvaged. **Stand originally planted in 1940																																																						
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36	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	31.6	44	51-80	N/A	Stand was cut in 1979. Stand is regenerating to aspen, white birch, red maple, balsam, white pine, red pine and spruce. Component of mature, large diameter white pine that was left after the harvest. Dominant stand/featured stand is the regenerating stand of aspen and birch. Stand is beginning to transition from a sapling stand to a small pole stand.																																																			
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37	42210 - Natural Red Pine	Sawtimber Poor	68.9	100	1-50	N/A	Stand thinned in 1984-1986. Sales #82-84 and #38-85. Nice log sized red pine with a white pine component. Scattered red maple and red oak. Pockets of small diameter black spruce. Higher BA in the center of the stand near the two track road entering the stand. 12/5/17: Part of Baraga Bound RP; #001-16; TCR 10/8/17. Scarified 10/2017; FTP 42-887.																																																			
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38	4136 - Aspen, Mixed Conifer	Poletimber Well	6.4	38	1-50	N/A	Stand harvested in 1985, sale #025-85. Regenerating to mainly aspen with a component of balsam, white pine, red maple and white birch. Some red pine regeneration as well.																																																			
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39	42110 - Planted Red Pine	Sawtimber Poor	50.2	83	1-50	N/A	Stand thinned in 1984-1986. Sales #82-84 and #38-85. Nice log sized red pine with a white pine component. Scattered red maple and red oak. Pockets of small diameter black spruce. Higher BA in the center of the stand near the two track road entering the stand. 12/5/17: Cut as part of Baraga Bound RP; #001-16; TCR 10/8/17. Scarified 10/2017. 11/19/18: Salvaged blowdown from fall 2017 windstorm (after scarification took place) as part of Baraga Bound Salvage; #003-18. TCR 6/14/18. **West 1/2 of stand was originally planted in 1940																																																			
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41	42210 - Natural Red Pine	Sawtimber Poor	62.1	93	1-50	N/A	Stand was harvested as sale #80-84 (east half) and sale #81-84. Nice red pine, good diameters and heights. Pockets of shorter, limbier red pine. Good established regeneration (red pine, white pine, maple, spruce) 2-3 inches in diameter. 12/5/17: Part of Baraga Bound RP; #001-16; TCR 10/8/17. Scarified 10/2017. FTP 42-887. 11/19/18: Salvaged blowdown from fall 2017 windstorm (after scarification took place) as part of Baraga Bound Salvage; #003-18. TCR 6/14/18.																																																			
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
42	42290 - Natural Mixed Pine	Poletimber Well	138.4	38	1-50	N/A	Stand was harvested in 1985 as sale #080-84. Northern portion was harvested as sale #82-84 also in 1985. Combining two old stands into one. Same species component and same age. Jack pine regenerating very well. Component of red pine and white pine regeneration as well. Both red pine and white pine regeneration is patchy. Regenerating jack pine is the featured stand. Good component of mature red pine and white pine that were left after the harvest. Pockets throughout stand of thicker red pine and white pine overstory (R8). Quality in mature pine ranges from shorter trees to taller utility pole quality. Rolling topography throughout the stand.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Pine		10	Sapling	3		White Pine		Low	< 5 feet	Sapling	
Red Pine		20	Log	14	88	Jack Pine		Medium	< 5 feet	Sapling	
Jack Pine		55	Pole/Sapling	6	38	Red Pine		Low	< 5 feet	Sapling	
White Pine		10	Sapling	3							
White Pine		5	Log	14							
43	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Medium	41.8	98	81-110	N/A	Mixed stand of white birch, aspen, white pine, red pine and red maple. Good red oak component. Much of the birch is dying out of the stand or is dead already. Aspen showing signs of decline as well. Good thick regeneration of all species. Understory is thick throughout most of the stand. Good white pine regeneration. Stand appear to be slowly converting to white pine and red pine over time. NCT runs through northern part of the stand. There's a low swamp vein that runs easy west through the stand.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
White Pine		25	Log/Pole	12	98	Red Maple		High	Variable	Sapling	
Bigtooth Aspen		20	Log	14	98	Red Oak		Low	< 5 feet	Sapling	
Red Oak		15	Log	12		Balsam Fir		Medium	Variable	Sapling	
Paper Birch		15	Pole	9		Paper Birch		Medium	10 - 20 feet	Sapling	
Red Pine		15	Log	12		White Pine		Medium	10 - 20 feet	Sapling	
Red Maple		10	Pole	9		Red Pine		Low	10 - 20 feet	Sapling	
						Black Spruce		Low	Variable	Sapling	
44	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	62.3	97	81-110	N/A	Red pine stand with a good component of red oak, white pine. White birch, aspen and red maple mixed in. Possible management in 10-20 yrs. White birch dying out of stand.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Pine		50	Log	12	97	Balsam Fir		Medium	Variable	Sapling	
Red Oak		15	Pole/Log	9		Red Pine		Low	5 - 10 feet	Sapling	
Paper Birch		5	Pole	8		White Pine		Medium	Variable	Sapling	
White Pine		15	Log/Pole	11		Red Oak		Low	< 5 feet	Sapling	
Red Maple		10	Pole	8							
Jack Pine		5	Pole	8							
45	6220 - Alder/willow	Nonstocked	1.8			No					
46	42210 - Natural Red Pine	Sawtimber Well	64.9	105	111-140	N/A	Stand was thinned as sale #82-84. Completed in 1986. Red pine with white pine and red oak component. Large diameter red pine and white pine. Good advanced regeneration of red pine, white pine, maple, balsam, spruce and jack pine. Layer of 5-10 ft tall red pine, white pine and jack pine as well. Pockets of mature 14-16 inch red pine and white pine. Southern portion of the stand has about 10-12 acres of thicker red pine, very "park like", high BA (180 sq ft). Stand has some larger slopes throughout.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Red Oak		7	Pole/Log	9		Red Pine		Medium	Variable	Sapling	
Paper Birch		2	Pole	8		Jack Pine		Low	10 - 20 feet	Sapling	
Bigtooth Aspen		2	Pole	8		Balsam Fir		Medium	Variable	Sapling	
Jack Pine		2	Pole	8		White Spruce		Low	Variable	Sapling	
Red Pine		65	Log	15	105	Red Maple		Medium	10 - 20 feet	Sapling	
White Pine		22	Log	16		White Pine		Medium	Variable	Sapling	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
47	4122 - Oak, Pine	Sawtimber Poor	21.1	95	1-50	N/A	Mixed stand of large diameter aspen clones/pockets, mainly on the east end of the stand, along with red pine and red oak along the ridges near Co Rd 407. Component of white birch as well. Aspen is mature and birch is beginning to die out of the stand. 12/5/17: Completed as part of Baraga Bound RP, #001-16. Removed all aspen, birch, jack pine and maple; marking white pine, red pine and oak. Aspen to regenerate. Post harvest oak regen is great.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Oak		60	Log/Pole	10	95	White Pine	Medium	Variable	Sapling
White Pine		15	Log/Pole	11		Red Maple	Medium	Variable	Sapling
Red Pine		25	Log/Pole	12		Red Pine	Low	5 - 10 feet	Sapling
						Red Oak	Medium	Variable	Sapling
48	500 - Water	Nonstocked	11.5			No			
49	42210 - Natural Red Pine	Sawtimber Medium	14.7	105	81-110	N/A	Large diameter red pine with a good component of small diameter spruce, mainly in the understory. Stand is fairly open.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Pine		85	Log/Pole	12	105	Balsam Fir	Low	Variable	Sapling
White Pine		10	Log	12		Black Spruce	Medium	Variable	Sapling
Black Spruce		5	Pole/Sapling	7					
50	42220 - Natural Jack Pine	Poletimber Well	46.5	46	51-80	N/A	Stand was harvested in 1976, permit #2-75. Stand scarified in 1977. Nice jack pine regeneration. Scattered red pine log/pole component throughout. Component of red pine regeneration as well.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Jack Pine		75	Pole	6	46	White Pine	Low	Variable	Sapling
Red Pine		15	Pole/Sapling	5		Red Pine	Low	Variable	Sapling
Red Pine		8	Log/Pole	12		Red Maple	Low	Variable	Sapling
Black Spruce		2	Sapling	4					