

Compartment Review Presentation

Cadillac Forest Management Unit

Compartment 63113

Entry Year: 2027

Acreage: 1,863

County: Missaukee

Management Area: High Sand Plains

Stand Examiner: Andrew Krugh

Legal Description:

T23N, R7W, Sections 19,20,21,22,23,24

Identified Planning Goals:

This compartment is located within the Upper Muskegon Management Area. Some goals for this MA are as follows: Timber management for this 10-year period will focus on harvesting older jack pine and balancing age class distributions of oak, aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation.

Soil and topography:

Rubicon and Roscommon sands with some Carbondale and Lupton Muck.

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

M-66 runs North/South on west end of compartment. Lake City is 2 miles to the south. Mixed ownerships containing large and small parcels of both state and private land. Every section within the compartment contains private ownership. The old Lake City Dump (closed) is located in sec 19. Two-track leading to dump passes thru state land is gated at Decker Road.

Unique Natural Features:

Potential for great blue heron rookery, wood turtle, osprey, eagle, goshawk, red-shouldered hawk, massasauga, box turtle, blanding's turtle. Potential for ebony boghaunter and secretive locust in bogs. Potential for rare plants of cedar swamp: limestone oak fern, ram's head lady's-slipper and calypso orchid.

Archeological, Historical, and Cultural Features:

Woodland Indian Mounds in RMU but not in compartment.

Special Management Designations or Considerations:

Acceptable silvicultural guidelines will be followed.

Watershed and Fisheries Considerations:

The headwaters of the West Branch of the Muskegon River runs east through the east half of this compartment. It is a designated trout stream in this area, having self-sustaining populations of brook trout. Fisheries Division requests at least the minimum BMP buffer of 100 feet.

Wildlife Habitat Considerations:

This compartment encompasses swamp areas along the West Branch of the Muskegon River. These swamp complexes and associated uplands provide black bear habitat and deer wintering complex. Objectives are to continue to manage for high structural diversity within stands and age class diversity across the compartments. Featured species of special interest are deer, snowshoe hare and bear. Timber sale specifications to benefit wildlife (where applicable) will include brush pile creation along lowland edges, protection of mast-bearing wildlife shrubs and ironwood, protection of standing dead snags, and creation of drumming logs (1-2 per acre) and woody debris (tops or whole trees) in aspen cuts. (E. Victory 6/2015)

Mineral Resource and Development Concerns and/or Restrictions

Sections 19 - 24, T23N-R7W, Missaukee County

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay/shale in other parts of the State. Gravel pits are located in the area and potential is good. The compartment is located six miles southwest of Cannon Creek Field. The field has produced from the Stray Sandstone and Detroit River Sour Zone. There are no State leases currently in the Compartment

Vehicle Access:

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR.

Survey Needs:

Section 22 needs some survey work prior to treatment.

Recreational Facilities and Opportunities:

There are no designated trails within this compartment. Dispersed camping and hunting do occur within this compartment. (T.M.N. 12/16/14).

Fire Protection:

Fire access in the east side of the compartment is limited due to the head waters. Conifer types on the west side of unit would support a crown fire in extreme fire weather. Dispersed camping and recreationalists could be a cause of a wildfire.

Additional Compartment Information:

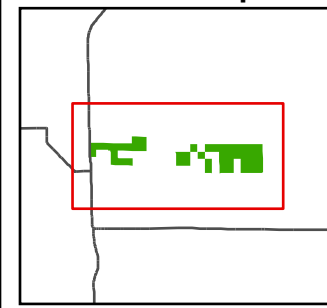
The following reports from the Inventory are attached:

- 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**

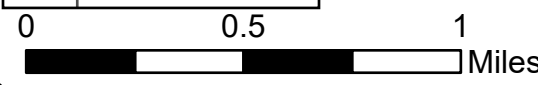
The following information is displayed, where pertinent, on the attached compartment maps:

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

Cover Type & Treatments Map

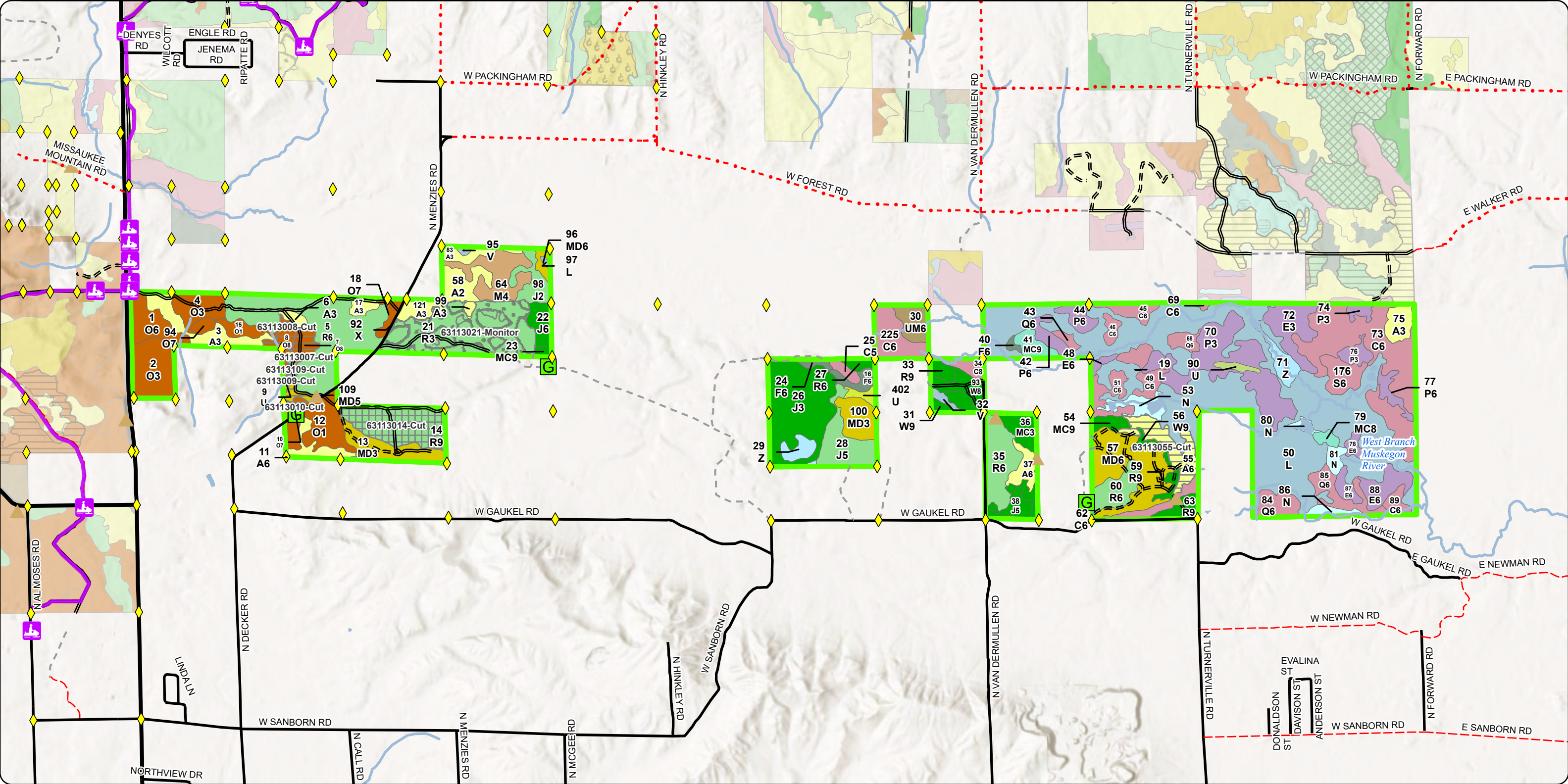


Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps

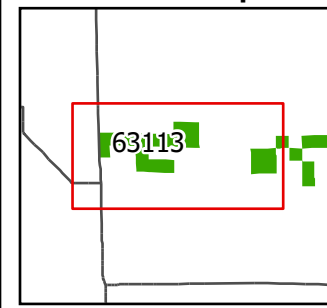


- Survey Grade Corners
- Berm
- Gate
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- Clearcut
- Seed Tree
- Monitoring - Regeneration

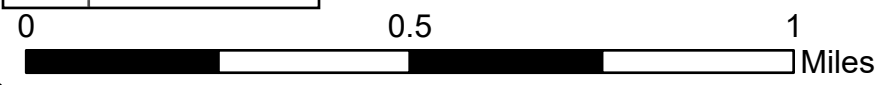
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Road/Parking Lot
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



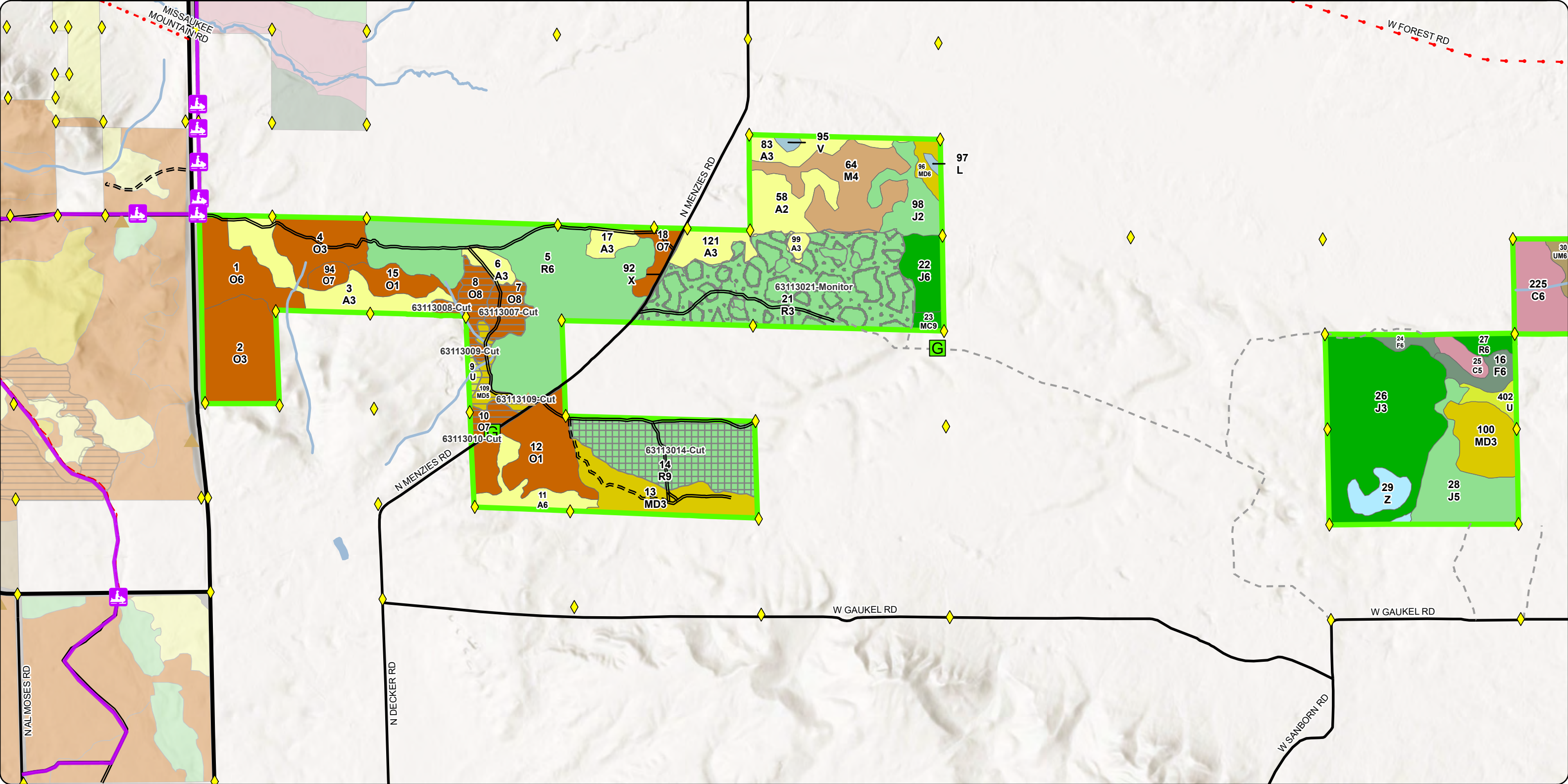
Cover Type & Treatments Map



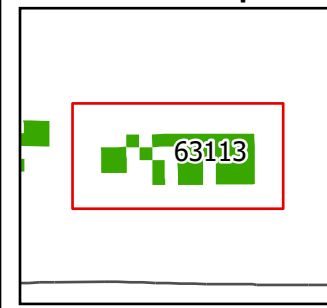
Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps



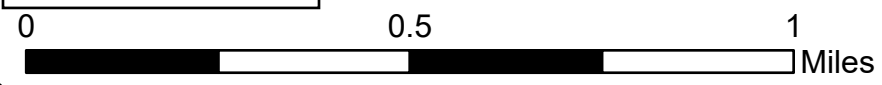
- | | | | |
|---|---|---|---|
| <ul style="list-style-type: none"> Survey Grade Corners Berm Gate Designated Snowmobile DNR - Secondary Forest Road DNR - Forest Access Route Federal / State Highway | <ul style="list-style-type: none"> Federal / State / County - Paved Road County - Gravel Road County - Dirt Road (Seasonal) Private - Dirt / Gravel Road Streams Lakes and Rivers Compartment Boundary Clearcut | <ul style="list-style-type: none"> Seed Tree Monitoring - Regeneration 411 - Northern Hardwood 412 - Oak Types 413 - Aspen 419 - Mixed Upland Deciduous 421 - Planted Pines 422 - Natural Pines | <ul style="list-style-type: none"> 423 - Other Upland Conifers 430 - Upland Mixed Forest 500 - Water 612 - Lowland Coniferous Forest 122 - Road/Parking Lot 330 - Low Density Trees 622 - Lowland Shrub |
|---|---|---|---|



Cover Type & Treatments Map

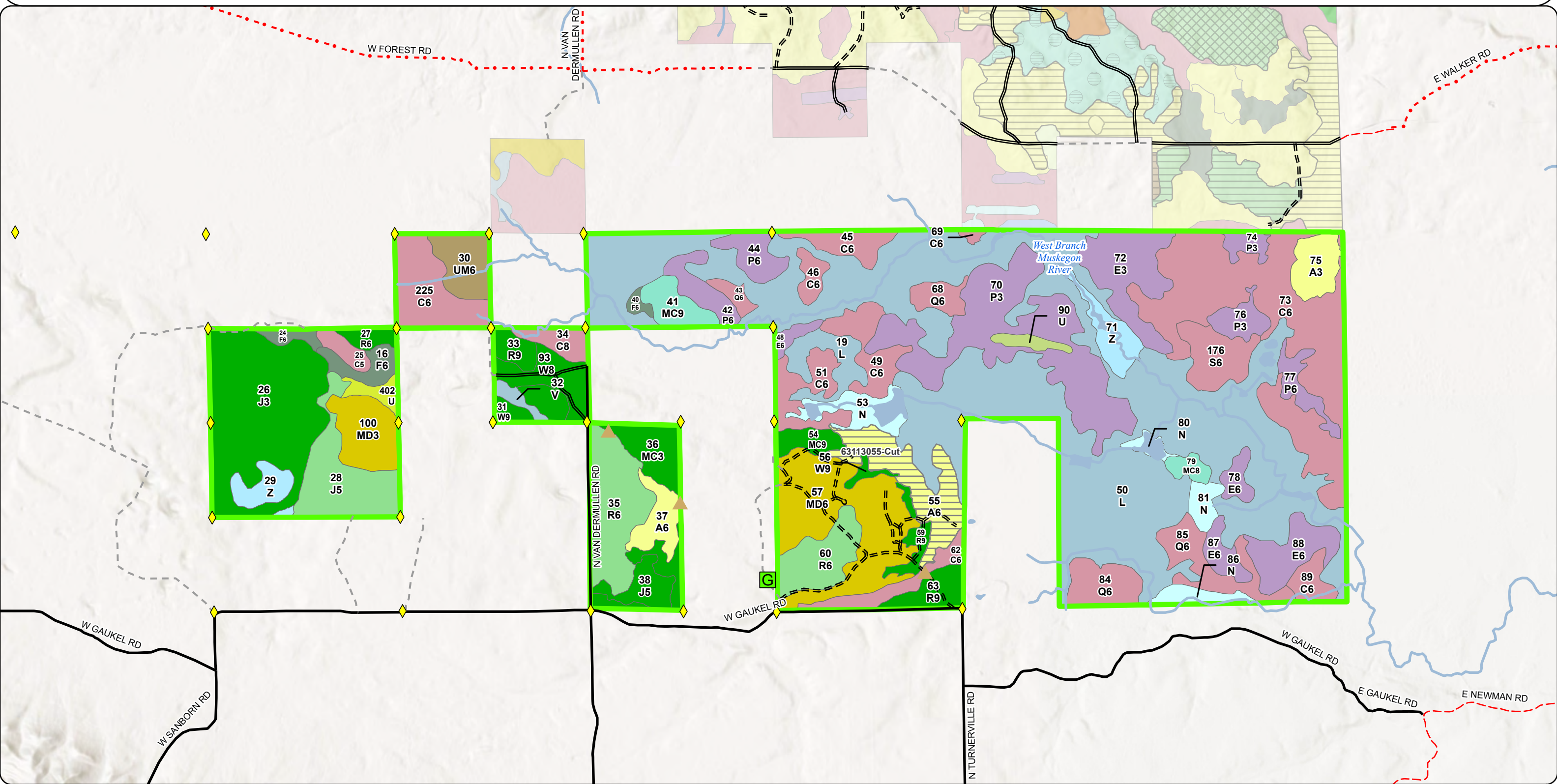


Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps

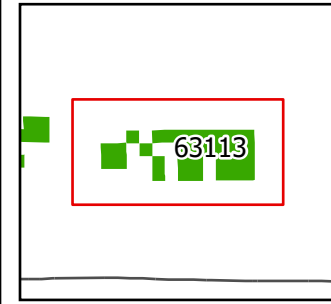


- ◆ Survey Grade Corners
- ▲ Berm
- G Gate
- DNR - Secondary Forest Road
- == DNR - Forest Access Route
- Federal / State / County - Paved Road
- .-.- County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- ▭ Compartment Boundary
- ▭ Clearcut

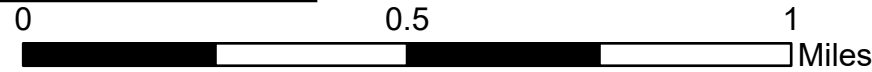
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland



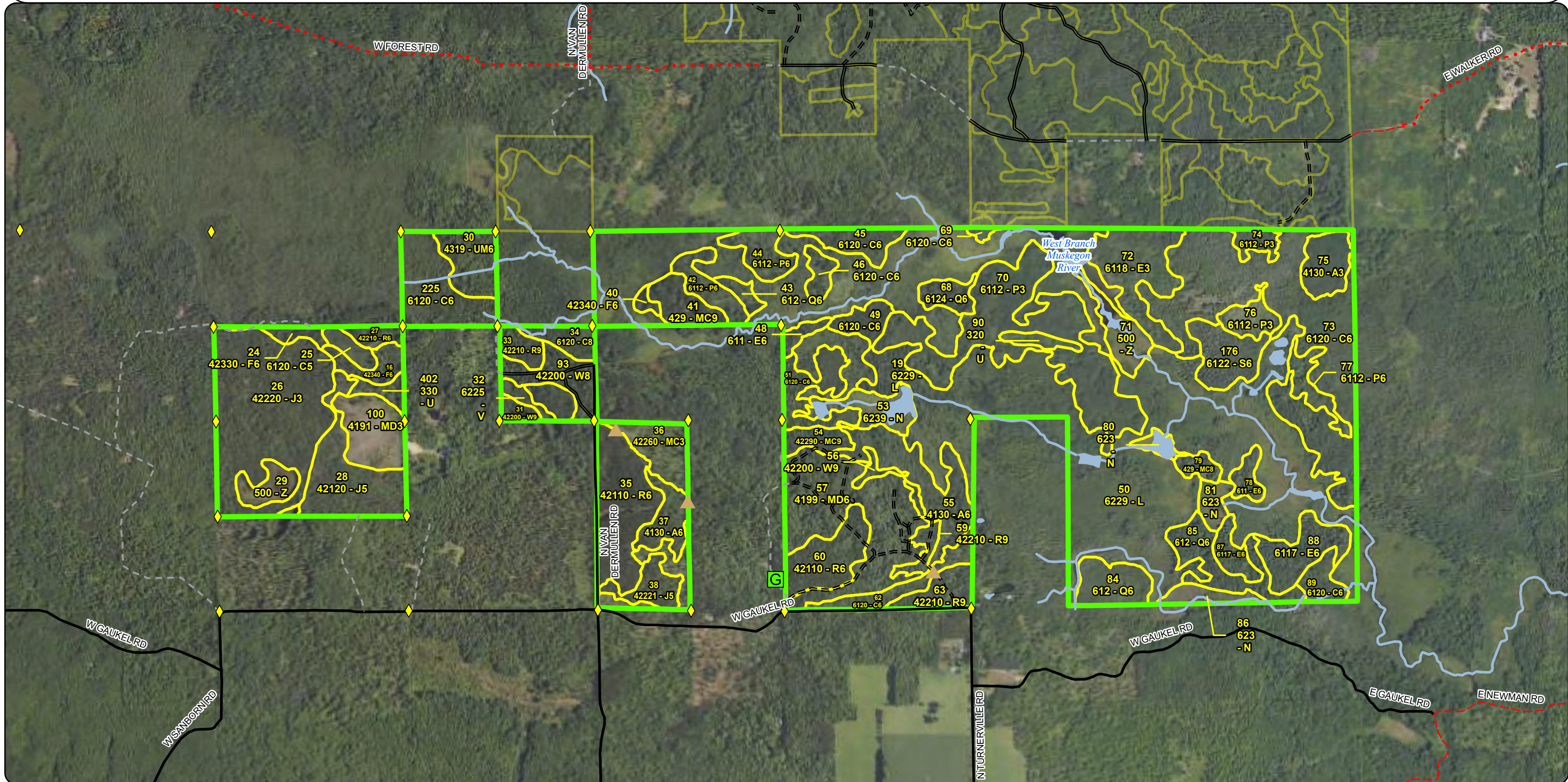
Stand Boundary Map



Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps

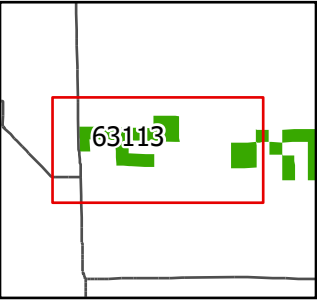
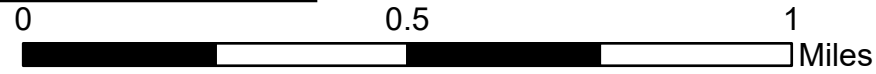


- ◆ Survey Grade Corners
- ▲ Berm
- G Gate
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers
- Compartment Boundary
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 419 - Mixed Upland Deciduous
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 500 - Water



**Special Conservation Areas
& Site Conditions Map**

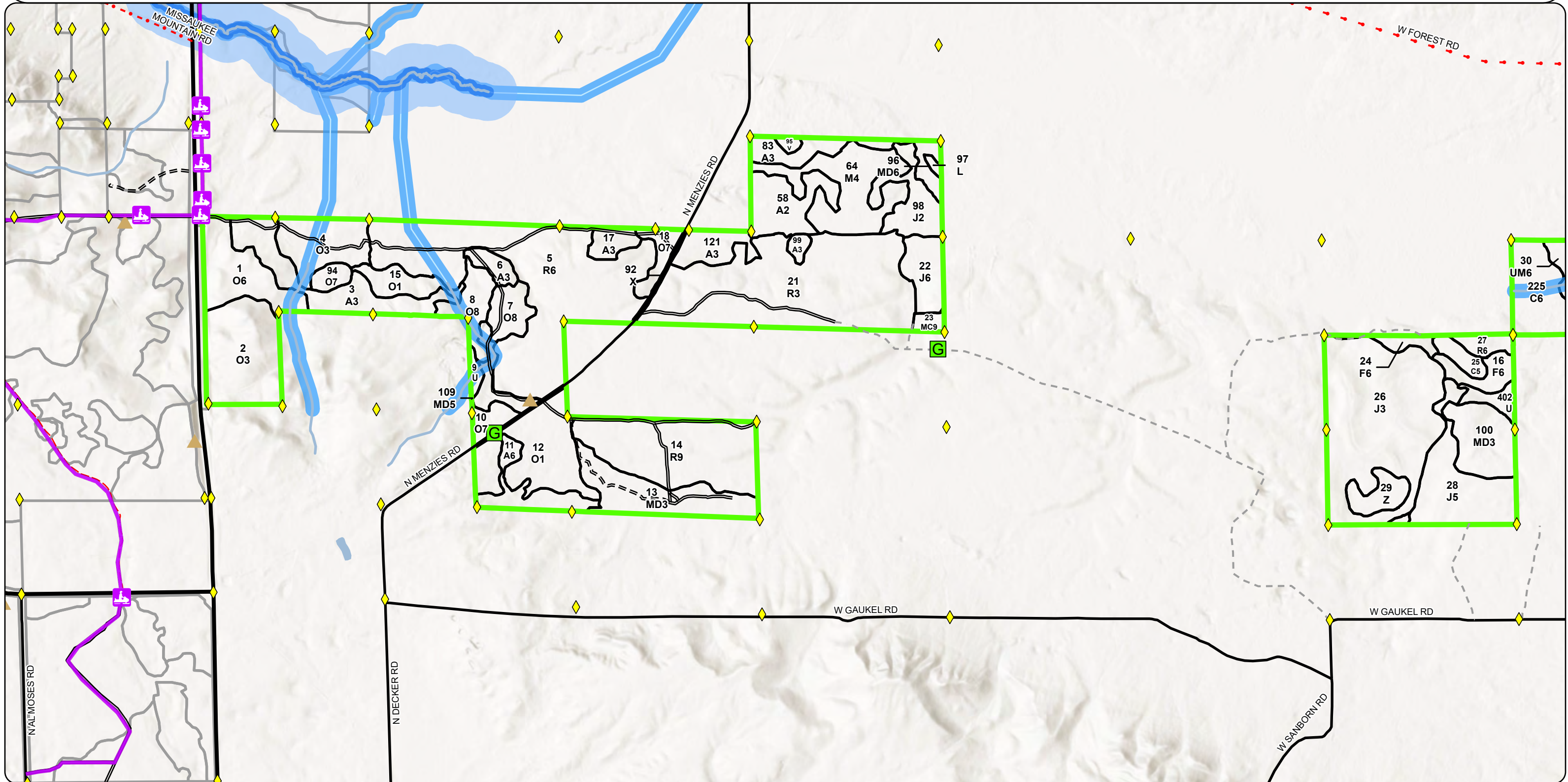
Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps



- Survey Grade Corners
- Berm
- Gate
- Designated Snowmobile
- DNR - Secondary Forest Road
- DNR - Forest Access Route

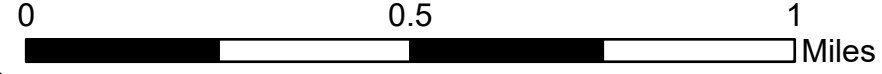
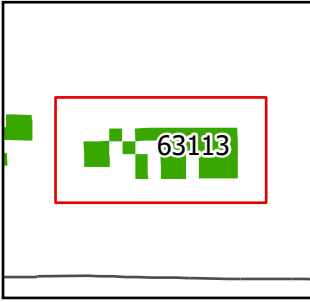
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Streams
- Lakes and Rivers

- Compartment Boundary
- Stand Boundaries
- Natural Rivers Vegetative Buffer
- Natural Rivers Zoning District
- Cold Water Streams
- High Priority Trout Stream Buffer

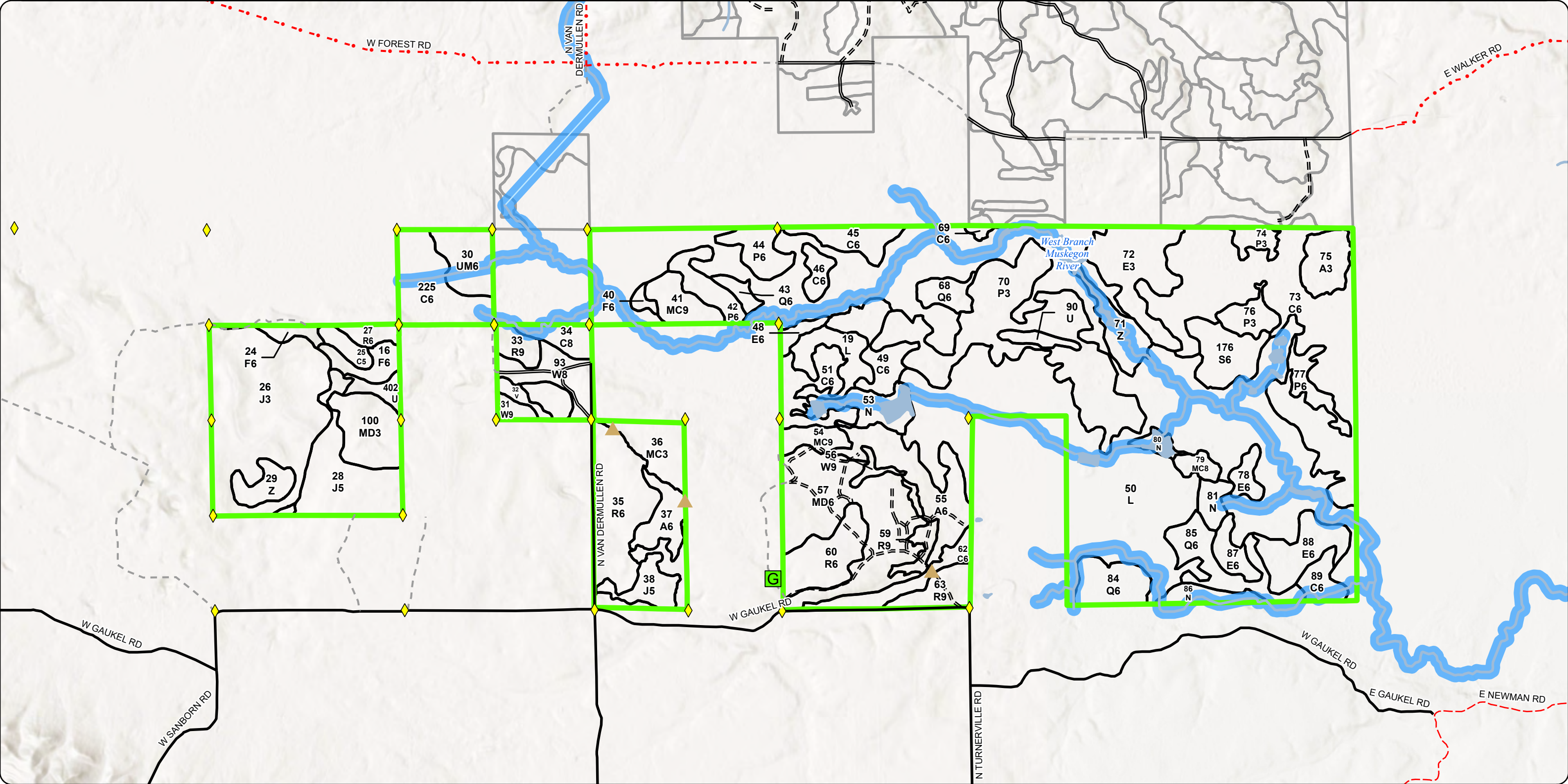


**Special Conservation Areas
& Site Conditions Map**

Compartment: 63113
 T23N, R07W, Sec. 19-24
 County: Missaukee
 Unit: Cadillac
 Mgmt. Area: High Sand Plains
 YOE: 2027
 Acres: 1,863 GIS Calculated
 Examiner: Andrew Krugh
 Date Exported: 1/8/2026
 Map Phase: Post Maps



- Survey Grade Corners
- Berm
- Gate
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Compartment Boundary
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer
- Streams
- Lakes and Rivers



Report 1 – Total Acres by Cover Type and Age Class

Cadillac Mgt. Unit

Compartment 113 Year of Entry 2027

Andrew Krugh: Examiner

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	46	66	0	0	27	0	0	0	0	0	0	0	0	0	0	0	139
Bog	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Cedar	0	0	0	0	0	0	0	0	0	0	0	84	0	110	8	0	0	0	202
Jack Pine	0	0	15	9	88	0	0	30	0	0	0	0	0	0	0	0	0	0	142
Low-Density Trees	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Lowland Aspen/Balsam Poplar	0	0	0	85	0	0	0	0	0	10	0	10	8	0	0	0	0	0	113
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	42
Lowland Deciduous	0	0	0	28	0	0	0	0	0	3	0	0	28	0	0	0	0	0	59
Lowland Shrub	368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	368
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	16
Marsh	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Mixed Upland Deciduous	0	19	0	0	84	5	7	0	0	0	0	0	0	0	0	0	0	0	115
Natural Mixed Pines	0	0	0	23	0	0	0	0	0	3	0	0	0	7	0	0	0	0	33
Northern Hardwood	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	32
Oak	0	34	61	0	23	0	6	0	0	0	11	18	0	0	0	0	0	0	153
Red Pine	0	92	0	0	0	0	0	198	0	0	10	11	0	10	0	0	0	0	321
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
Upland Mixed Forest	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	14
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Upland Spruce/Fir	0	0	0	0	0	0	0	2	12	0	0	0	0	0	0	0	0	0	14
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Water	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21
Total	436	145	122	211	195	37	55	230	12	16	21	180	36	143	8	0	0	21	1864

Report 2 – Treatment Summary

Cadillac Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 113
Total Compartment Acres: 1,863

Commercial Harvest - 558
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	27	0	0	0	0	0	0	0	0	27
Low-Density Trees	2	0	0	0	0	0	0	0	0	2
Mixed Upland Deciduous	7	0	0	0	0	0	0	0	0	7
Oak	25	0	0	0	0	0	0	0	0	25
Red Pine	0	0	0	48	0	0	0	0	0	48
Total	61	0	0	48	0	0	0	0	0	109

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	109	0	0	0	0	0	88	0	0	197
Next Step	0	102	102	0	0	68	143	0	0	449
Total	109	102	102	0	0	68	231	0	0	647

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
----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Approved Treatments:

7	63113007-Cut	9.1	4123 - Red Oak	8	107	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Final harvest cut all species 2 inches and greater. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Monitoring, Artificial Regen; <u>Treatments:</u> Monitoring, Artificial Regen; Planting, Unfurrowed; NonCommCut, Brush Saw Release; Planting, Interplant; <u>Acceptable</u> Moderate to fully stocked red pine. <u>Regen:</u> <u>Other</u> Include soft oak wilt spec. Ditch witch for oak wilt around stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
8	63113008-Cut	10.7	4123 - Red Oak	8	96	81-110	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Final harvest cut all species 2 inches and greater. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Monitoring, Artificial Regen; <u>Treatments:</u> Monitoring, Artificial Regen; Planting, Unfurrowed; NonCommCut, Brush Saw Release; Planting, Interplant; <u>Acceptable</u> Moderate to fully stocked red pine. <u>Regen:</u> <u>Other</u> Include soft oak wilt spec. Ditch witch for oak wilt around stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
9	63113009-Cut	1.9	3301 - Low Density Deciduous Trees	99			Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Final harvest remove all species 2 inches and greater at DBH. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Monitoring, Artificial Regen; <u>Treatments:</u> Monitoring, Artificial Regen; Planting, Unfurrowed; NonCommCut, Brush Saw Release; Planting, Interplant; <u>Acceptable</u> Moderate to fully stocked red pine. <u>Regen:</u> <u>Other</u> Area has oak wilt. Convert to pine for one cycle and then back to oak. Ditch witch for oak wilt around stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											

S
t
a
n
d

Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
10	63113010-Cut	5.2	4124 - Red with White Oak	7	106	1-50	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Final harvest cut all species 2 inches and greater. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Monitoring, Artificial Regen; <u>Treatments:</u> Monitoring, Artificial Regen; Planting, Unfurrowed; NonCommCut, Brush Saw Release; Planting, Interplant; <u>Acceptable</u> Moderate to fully stocked red pine. <u>Regen:</u> <u>Other</u> Include soft oak wilt spec. Ditch witch for oak wilt around stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
14	63113014-Cut	48.2	42110 - Planted Red Pine	9	65	111-140	Harvest	Seed Tree	4319 - Mixed Upland Forest	Planting Record	No
<p><u>Prescription</u> Cut all trees 4 inches and greater. Leave an average ba of 40. In areas of less regen leave higher ba. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to fully stocked oak, maple, aspen, and beech. <u>Regen:</u> <u>Other</u> Add oak wilt for regen and roads. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>											
21	63113021-Monitor	88.1	42110 - Planted Red Pine	3	5	Immature	Monitoring	Monitoring - Regeneration	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Red Pine is acceptable regeneration <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 05/01/2024</p>											
55	63113055-Cut	27.1	4130 - Aspen	6	50	111-140	Harvest	Clearcut	4133 - Aspen, Mixed Pine	Planting Record	No
<p><u>Prescription</u> Final harvest all species 2 inches and greater at DBH. Except leave all white birch, red and white pine, cedar, hemlock or any oak over 16 <u>Specs:</u> inches in DBH. <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Moderate to fully stocked Aspen, maple, pine. <u>Regen:</u> <u>Other</u> Include grouse spec and brush piles spec along lowland edge. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</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
109 63113109-Cut	7.1	4199 - Other Mixed Upland Deciduous	5	58	51-80	Harvest	Clearcut	4211 - Planted Red Pine	Planting Record	No
<p><u>Prescription</u> Final harvest cut all species 2 inches and greater. <u>Specs:</u> <u>Next Step</u> SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Monitoring, Artificial Regen; <u>Treatments:</u> Monitoring, Artificial Regen; Planting, Unfurrowed; NonCommCut, Brush Saw Release; Planting, Interplant; <u>Acceptable</u> Moderate to fully stocked red pine. <u>Regen:</u> <u>Other</u> Include soft oak wilt spec. Ditch witch for oak wilt around stand. <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026</p>										

Total Treatment Acreage Proposed: 197.4

Report 4 – Site Conditions

Cadillac Mgt. Unit
Andrew Krugh: Examiner

Compartment: 113
Year of Entry: 2027

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	5C	2G	2H
		With Condition	Not Available				
139	139	0	0	Aspen			
4	5	0	0	Bog			
201	33	0	168	Cedar		168	
142	142	0	0	Jack Pine			
6	7	0	0	Low-Density Trees			
113	0	0	113	Lowland Aspen/Balsam Poplar		40	73
42	0	0	42	Lowland Conifers		42	
59	0	0	59	Lowland Deciduous		59	
368	368	0	0	Lowland Shrub			
16	0	0	16	Lowland Spruce/Fir		16	
28	28	0	0	Marsh			
115	115	0	0	Mixed Upland Deciduous			
32	25	7	0	Natural Mixed Pines	7		
32	32	0	0	Northern Hardwood			
153	153	0	0	Oak			
322	295	27	0	Red Pine	27		
14	0	0	14	Upland Conifers		10	4
14	15	0	0	Upland Mixed Forest			
4	4	0	0	Upland Shrub			
8	4	0	4	Upland Spruce/Fir		4	
3	3	0	0	Urban			
20	21	0	0	Water			
20	18	2	0	White Pine	2		
1,857	1,405	36	416	Total Forested Acres	36	339	77
	76%	2%	22%	Relative Percent			

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

Site No.	Dominant Site Cond	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Andrew Krugh: Examiner

Compartment: 113
Year of Entry: 2027

Stand appeared to be seed tree/shelterwood harvested. At it's current stage, the mature pine on site are adding species diversity and structural diversity.							
2	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand appeared to be seed tree/shelterwood harvested. At it's current stage, the mature pine on site are adding species diversity and structural diversity.							
3	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand appeared to be seed tree/shelterwood harvested. At it's current stage, the mature pine on site are adding species diversity and structural diversity.							
4	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand appeared to be seed tree/shelterwood harvested. At it's current stage, the mature pine on site are adding species diversity and structural diversity.							
5	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand was commercially thinned last entry period. Hold for regeneration purpose.							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Andrew Krugh: Examiner

Compartment: 113
Year of Entry: 2027

9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	73	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wildlife Division has done a habitat cut in this area.							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	320	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Cadillac Mgt. Unit
Andrew Krugh: Examiner

Compartment: 113
Year of Entry: 2027

68	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
78	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
1	4123 - Red Oak	Poletimber Well	23.0	31	1-50	N/A	OPIC - FMD: Harvested in 1995. Salvage cut. Removed maple, aspen and poor oak. Scattered pockets of O2 and O3. Scattered sawlog sized oak as well. Possible burn or scarify to prepare seed bed. 1/15- Previously seed tree cut in 1995. Regenerating well. Will be a fully stocked oak stand.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		35	Pole	6		White Oak		Medium	10 - 20 feet	10 - 20 feet
Red Oak		40	Pole/Sapling	5	31	Red Oak		Medium	5 - 10 feet	5 - 10 feet
Red Oak		15	XLog	26	106	Red Maple		Medium	< 5 feet	< 5 feet
White Oak		10	XLog	18		Red Maple		Low	10 - 20 feet	10 - 20 feet
2	4124 - Red with White Oak	Sapling Well	33.6	6	1-50	N/A	1/15- Topography and species vary throughout stand. Consider thinning to increase regeneration and release current regeneration. A lot of deer activity.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		15	Sapling	2		White Oak		Low	10 - 20 feet	10 - 20 feet
Red Oak		20	Log	14	106	Red Oak		Low	5 - 10 feet	5 - 10 feet
Red Oak		35	Sapling	1	6	Red Maple		Low	5 - 10 feet	5 - 10 feet
White Oak		20	Sapling	1						
White Pine		10	Sapling	2						
3	4131 - Aspen, Oak	Sapling Well	25.7	26	Immature	N/A	OPIC - FMD: MANAGE FOR ASPEN-OAK, LEAVE SOME BETTER QUALITY OAK, STAND TREATED BY BRUCE BUNDY SALE # 0959701. Stand is A3 \M2\O2. 1/15- Regenerating stand with varying pockets dominated by aspen, oak and maple. Scattered seed tree oak throughout.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		30	Sapling	3						
Red Oak		20	Sapling	2						
White Oak		5	Sapling	3						
Quaking Aspen		45	Sapling	3	26					
4	4126 - White, Black, N. Pin Oak	Sapling Well	20.0	14	1-50	N/A	OPIC - FMD: Stand was cut with sale #63-036-09-01 Stand was infected with Oak Wilt and was trenched prior to harvest. MiFI 1/15- Regenerating oak stand.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		20	Sapling	1						
Red Oak		20	Sapling	1						
White Oak		20	XLog	28						
White Oak		40	Sapling	1	14					
5	42110 - Planted Red Pine	Poletimber Well	97.5	65	111-140	N/A	OPIC - FMD: Third row thin. Remove overtopping hardwood were possible. Do not cut oak. Open up around pockets of oak regen and individual oaks. BA varies throughout stand. Thinned with sale 63-023-07-01			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Oak		2	Log	14		Red Maple		Low	< 5 feet	< 5 feet
Red Pine		96	Pole/Log	9	65	Red Oak		High	5 - 10 feet	5 - 10 feet
Black Cherry		2	Pole	8						
6	4131 - Aspen, Oak	Sapling Well	4.9	26	Immature	N/A	OPIC - FMD: Final harvested in 2000. Mix of redmaple, BT aspen and black oak. 1/21- Patchy mix of aspen and oak regeneration.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		10	Sapling	3						
Red Oak		35	Sapling	3						
White Oak		10	Sapling	3						
Bigtooth Aspen		45	Sapling	3	26					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																															
7	4123 - Red Oak	Sawtimber Medium	9.1	107	1-50	N/A	1/21/15- Stand is regenerating well. Regeneration is thick.																															
<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>Red Oak</td> <td>90</td> <td>XLog/Log</td> <td>18</td> <td>107</td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Log</td> <td>16</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	90	XLog/Log	18	107	White Oak	10	Log	16		<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>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Black Cherry</td> <td>Trace</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Red Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	5 - 10 feet	Black Cherry	Trace	10 - 20 feet	10 - 20 feet	White Oak	Low	5 - 10 feet	5 - 10 feet	Red Oak	Medium	10 - 20 feet	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Oak	90	XLog/Log	18	107																																		
White Oak	10	Log	16																																			
Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																			
Black Cherry	Trace	10 - 20 feet	10 - 20 feet																																			
White Oak	Low	5 - 10 feet	5 - 10 feet																																			
Red Oak	Medium	10 - 20 feet	10 - 20 feet																																			
8	4123 - Red Oak	Sawtimber Medium	10.7	96	81-110	N/A	OPIC - FMD: Stand was cut with sale #63-036-09-01 Stand was infected with Oak Wilt and was trenched prior to harvest. MiFI 1/15- Stand was thinned lightly with previous sale. Oak wilt was present. Oak Wilt is starting to kill most of the mature trees.																															
<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>Red Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>80</td> <td>Log</td> <td>11</td> <td>96</td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Log</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	8		Red Oak	80	Log	11	96	White Oak	15	Log	11																		
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Maple	5	Pole	8																																			
Red Oak	80	Log	11	96																																		
White Oak	15	Log	11																																			
9	3301 - Low Density Deciduous Trees	None	1.9			No	OPIC - FMD: Scattered O4 and pin cherry with grassy open areas. Old dump.																															
		<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 Cherry</td> <td>Low</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>White Oak</td> <td>Trace</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Red Oak</td> <td>Trace</td> <td>Variable</td> <td>Variable</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Cherry	Low	Variable	Variable	White Oak	Trace	Variable	Variable	Red Oak	Trace	Variable	Variable																			
Sub-Canopy Species	Density	Avg. Height	Size																																			
Black Cherry	Low	Variable	Variable																																			
White Oak	Trace	Variable	Variable																																			
Red Oak	Trace	Variable	Variable																																			
10	4124 - Red with White Oak	Sawtimber Poor	5.2	106	1-50	N/A	OPIC - FMD: Remove all aspen, red maple and thin oak to 50% crown closure. Release oak regen were found. Leave all oak under 10" dbh and mark oak logs to cut. Leave enough large trees around gate to maintain closure. 1/15- Seed tree harvested 2009. Nicely regenerating 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>Red Oak</td> <td>75</td> <td>XLog</td> <td>26</td> <td>106</td> </tr> <tr> <td>White Oak</td> <td>25</td> <td>XLog/Log</td> <td>20</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	75	XLog	26	106	White Oak	25	XLog/Log	20		<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>Red Maple</td> <td>Medium</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Red Oak</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	< 5 feet	< 5 feet	White Oak	Medium	5 - 10 feet	5 - 10 feet	Quaking Aspen	Low	5 - 10 feet	5 - 10 feet	Red Oak	Low	< 5 feet	< 5 feet
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Oak	75	XLog	26	106																																		
White Oak	25	XLog/Log	20																																			
Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Maple	Medium	< 5 feet	< 5 feet																																			
White Oak	Medium	5 - 10 feet	5 - 10 feet																																			
Quaking Aspen	Low	5 - 10 feet	5 - 10 feet																																			
Red Oak	Low	< 5 feet	< 5 feet																																			
11	4130 - Aspen	Poletimber Well	12.3	26	81-110	N/A	OPIC - FMD: Nice A3. Some scattered Oak seed trees.1/6-Tweedale: Aspen regen with a minor mix of red maple and red oak. Scattered large oak trees present.																															
<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>Red Maple</td> <td>3</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>94</td> <td>Pole/Sapling</td> <td>5</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	3	Pole/Sapling	5		Red Oak	3	Sapling/Pole	4		Quaking Aspen	94	Pole/Sapling	5	26																	
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Maple	3	Pole/Sapling	5																																			
Red Oak	3	Sapling/Pole	4																																			
Quaking Aspen	94	Pole/Sapling	5	26																																		
12	4124 - Red with White Oak	Sapling Poor	32.1	15	1-50	N/A	Sale complete (63-038-07-01) in early 2010. Stand has been seed tree harvested. Stump sprout red maple is probably the most abundant regen. Single stem red maple is also present. Red oak regeneration is approx. 2' tall, and is abundant in patches as well as scattered throughout. East end of stand has a higher BA.																															
<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>Red Maple</td> <td>30</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>37</td> <td>Sapling</td> <td>1</td> <td>15</td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>XLog</td> <td>28</td> <td>107</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>XLog</td> <td>24</td> <td></td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Sapling	1		Red Oak	37	Sapling	1	15	Red Oak	10	XLog	28	107	White Oak	5	XLog	24		White Oak	15	Sapling	1		White Pine	3	Log	11			
Canopy Species	% Cover	Size Class	DBH	Age																																		
Red Maple	30	Sapling	1																																			
Red Oak	37	Sapling	1	15																																		
Red Oak	10	XLog	28	107																																		
White Oak	5	XLog	24																																			
White Oak	15	Sapling	1																																			
White Pine	3	Log	11																																			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
13	4199 - Other Mixed Upland Deciduous	Sapling Well	26.4	37	111-140	N/A	OPIC - FMD: Harvested in 1989. Mostly red maple with some scattered O1. 1/13- Stand is in the regeneration stage. Seed trees scattered with some pockets of crop trees. Heavy to white pine on the eastern end of 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>Red Maple</td> <td>35</td> <td>Sapling</td> <td>3</td> <td>37</td> </tr> <tr> <td>Red Oak</td> <td>15</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>20</td> <td>Sapling</td> <td>3</td> <td>37</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	35	Sapling	3	37	Red Oak	15	XLog/Log	18		Red Oak	20	Sapling	3	37	White Oak	5	Pole	5		Quaking Aspen	10	Sapling	2		White Pine	15	Log	14							
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Maple	35	Sapling	3	37																																						
Red Oak	15	XLog/Log	18																																							
Red Oak	20	Sapling	3	37																																						
White Oak	5	Pole	5																																							
Quaking Aspen	10	Sapling	2																																							
White Pine	15	Log	14																																							
14	42110 - Planted Red Pine	Sawtimber Well	48.2	65	111-140	N/A	OPIC - FMD: Third row thin. Remove overtopping hardwood were possible. Do not cut oak. Open up around pockets of oak regen and individual oaks. BA varies throughout stand. A lot of garbage dumping in and around stand. 1/13- Stand has been third row thinned recently.4/25 stand is getting a decent amount of oak regen in the understory.																																			
<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>Red Oak</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>98</td> <td>Log/Pole</td> <td>10</td> <td>65</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	2	Log/Pole	10		Red Pine	98	Log/Pole	10	65	<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>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Beech</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Red Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	5 - 10 feet	5 - 10 feet	White Oak	Medium	5 - 10 feet	5 - 10 feet	Beech	Low	5 - 10 feet	5 - 10 feet	Red Oak	Medium	5 - 10 feet	5 - 10 feet				
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Oak	2	Log/Pole	10																																							
Red Pine	98	Log/Pole	10	65																																						
Sub-Canopy Species	Density	Avg. Height	Size																																							
Red Maple	Medium	5 - 10 feet	5 - 10 feet																																							
White Oak	Medium	5 - 10 feet	5 - 10 feet																																							
Beech	Low	5 - 10 feet	5 - 10 feet																																							
Red Oak	Medium	5 - 10 feet	5 - 10 feet																																							
15	4126 - White, Black, N. Pin Oak	Sapling Poor	9.1	14	1-50	N/A	OPIC - FMD: Stand was cut with sale #63-036-09-01 Stand was infected with Oak Wilt and was trenched prior to harvest. MiFI 1/15- Regenerating oak 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>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Oak</td> <td>20</td> <td>XLog</td> <td>28</td> <td></td> </tr> <tr> <td>White Oak</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>14</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Sapling	1		Red Oak	20	Sapling	1		White Oak	20	XLog	28		White Oak	40	Sapling	1	14																
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Maple	20	Sapling	1																																							
Red Oak	20	Sapling	1																																							
White Oak	20	XLog	28																																							
White Oak	40	Sapling	1	14																																						
16	42340 - Upland Spruce/Fir	Poletimber Well	7.7	72	111-140	N/A	Stand is low and wet with high pockets.																																			
<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>Balsam Fir</td> <td>55</td> <td>Pole</td> <td>7</td> <td>72</td> </tr> <tr> <td>Black Spruce</td> <td>35</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	55	Pole	7	72	Black Spruce	35	Pole	7		White Pine	10	XLog/Log	18		<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>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	< 5 feet	Balsam Fir	Low	5 - 10 feet	5 - 10 feet							
Canopy Species	% Cover	Size Class	DBH	Age																																						
Balsam Fir	55	Pole	7	72																																						
Black Spruce	35	Pole	7																																							
White Pine	10	XLog/Log	18																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
White Pine	Low	< 5 feet	< 5 feet																																							
Balsam Fir	Low	5 - 10 feet	5 - 10 feet																																							
17	4131 - Aspen, Oak	Sapling Well	5.7	15	Immature	N/A	Stand was harvested with sale 63-023-07-01. regenerating aspen-oak-maple stand with scattered oak-red pine seed trees.																																			
<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>Red Maple</td> <td>40</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>5</td> <td>XLog/Log</td> <td>22</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>XLog</td> <td>28</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	40	Sapling	1		Red Oak	10	Sapling	1		Red Oak	5	XLog/Log	22		White Oak	5	XLog	28		Quaking Aspen	40	Sapling	2	15											
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Maple	40	Sapling	1																																							
Red Oak	10	Sapling	1																																							
Red Oak	5	XLog/Log	22																																							
White Oak	5	XLog	28																																							
Quaking Aspen	40	Sapling	2	15																																						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
18	4121 - Oak, Aspen	Sawtimber Poor	6.4	57	51-80	N/A	Low density and low quality oak-aspen 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>Red Maple</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>33</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>White Oak</td> <td>30</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>7</td> <td>57</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Pole	6		Red Oak	33	Log	12		White Oak	30	Log	12		Quaking Aspen	35	Pole	7	57							
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Maple	2	Pole	6																																				
Red Oak	33	Log	12																																				
White Oak	30	Log	12																																				
Quaking Aspen	35	Pole	7	57																																			
19	6229 - Mixed Lowland Shrub	None	13.4			No	OPIC - FMD: Large complex of streams, tag alder, with scattered black spruce, cedar, dead cedar and tamarack.																																
<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>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>								Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	5 - 10 feet																								
Sub-Canopy Species	Density	Avg. Height	Size																																				
Tag Alder	Full	5 - 10 feet	5 - 10 feet																																				
21	42110 - Planted Red Pine	Sapling Well	91.8	5	Immature	N/A																																	
<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>Red Pine</td> <td>100</td> <td>Sapling</td> <td>1</td> <td>5</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Sapling	1	5																						
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Pine	100	Sapling	1	5																																			
22	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Well	12.1	39	51-80	N/A	Natural jack pine-cherry stand. Open canopy gaps scattered throughout. Jack pine soon to be pulp size.																																
<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>70</td> <td>Pole/Sapling</td> <td>5</td> <td>39</td> </tr> <tr> <td>Black Cherry</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Pin Cherry</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table> <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>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Pin Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	70	Pole/Sapling	5	39	Black Cherry	20	Pole/Sapling	5		Pin Cherry	10	Pole/Sapling	5		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	5 - 10 feet	5 - 10 feet	Pin Cherry	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																			
Jack Pine	70	Pole/Sapling	5	39																																			
Black Cherry	20	Pole/Sapling	5																																				
Pin Cherry	10	Pole/Sapling	5																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
White Oak	Low	5 - 10 feet	5 - 10 feet																																				
Pin Cherry	Low	5 - 10 feet	5 - 10 feet																																				
23	42290 - Natural Mixed Pine	Sawtimber Well	2.6	81	51-80	N/A	Jack pine has fallen apart. nice oak understory coming in. stand will convert to a red pine oak stand. Previous inventory found private SE corner.																																
<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>Red Pine</td> <td>50</td> <td>XLog</td> <td>18</td> <td>81</td> </tr> <tr> <td>Jack Pine</td> <td>50</td> <td>Pole</td> <td>9</td> <td>81</td> </tr> </tbody> </table> <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>Red Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>Variable</td> <td>Variable</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	50	XLog	18	81	Jack Pine	50	Pole	9	81	Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	10 - 20 feet	10 - 20 feet	White Oak	Medium	Variable	Variable					
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Pine	50	XLog	18	81																																			
Jack Pine	50	Pole	9	81																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Oak	Low	10 - 20 feet	10 - 20 feet																																				
White Oak	Medium	Variable	Variable																																				
24	42330 - Upland Fir	Poletimber Well	4.1	70	111-140	N/A	Stand is upland with some lowland. Jack pine is declining. Balsam is going to decline over the next 10-20 years.																																
<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>Balsam Fir</td> <td>75</td> <td>Pole</td> <td>7</td> <td>70</td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	75	Pole	7	70	Black Spruce	5	Pole	7		White Pine	5	XLog/Log	18		Red Pine	5	Log	16		Jack Pine	10	Log/Pole	10			
Canopy Species	% Cover	Size Class	DBH	Age																																			
Balsam Fir	75	Pole	7	70																																			
Black Spruce	5	Pole	7																																				
White Pine	5	XLog/Log	18																																				
Red Pine	5	Log	16																																				
Jack Pine	10	Log/Pole	10																																				
25	6120 - Lowland Cedar	Poletimber Medium	4.8	103	1-50	N/A	Low and wet.																																
<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>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>80</td> <td>Pole/Sapling</td> <td>7</td> <td>103</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	10	Pole/Sapling	7		Black Spruce	10	Pole/Sapling	7		Northern White Cedar	80	Pole/Sapling	7	103												
Canopy Species	% Cover	Size Class	DBH	Age																																			
Balsam Fir	10	Pole/Sapling	7																																				
Black Spruce	10	Pole/Sapling	7																																				
Northern White Cedar	80	Pole/Sapling	7	103																																			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
26	42220 - Natural Jack Pine	Sapling Well	75.9	39	51-80	N/A	OPIC - FMD: Harvested in 1987 mix of Jack pine, White pine and Oak.																																						
<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>Red Maple</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>65</td> <td>Sapling</td> <td>4</td> <td>39</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling	3		Red Oak	10	Sapling	3		White Pine	10	Sapling	3		Jack Pine	65	Sapling	4	39	<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>Red Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	5 - 10 feet	5 - 10 feet									
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	15	Sapling	3																																										
Red Oak	10	Sapling	3																																										
White Pine	10	Sapling	3																																										
Jack Pine	65	Sapling	4	39																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Oak	Low	5 - 10 feet	5 - 10 feet																																										
27	42210 - Natural Red Pine	Poletimber Well	4.7	98	111-140	N/A	Stand dominated by nice red pine with some white pine.																																						
<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>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>XLog/Log</td> <td>18</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>65</td> <td>Log</td> <td>16</td> <td>98</td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	10	Pole/Sapling	7		Black Spruce	5	Pole	7		White Pine	15	XLog/Log	18		Red Pine	65	Log	16	98	Jack Pine	5	Log	12		<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>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																									
Balsam Fir	10	Pole/Sapling	7																																										
Black Spruce	5	Pole	7																																										
White Pine	15	XLog/Log	18																																										
Red Pine	65	Log	16	98																																									
Jack Pine	5	Log	12																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
White Pine	Low	5 - 10 feet	5 - 10 feet																																										
Balsam Fir	Low	5 - 10 feet	5 - 10 feet																																										
28	42120 - Planted Jack Pine	Poletimber Medium	29.9	64	1-50	N/A	Stand is falling apart. Let stand convert to mixed upland deciduous.																																						
<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>Red Oak</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>90</td> <td>Pole</td> <td>7</td> <td>64</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	10	Sapling	4		Jack Pine	90	Pole	7	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>Red Oak</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Low	< 5 feet	< 5 feet																			
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Oak	10	Sapling	4																																										
Jack Pine	90	Pole	7	64																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Oak	Low	< 5 feet	< 5 feet																																										
29	500 - Water	None	8.9			No	OPIC - FMD: Bog.																																						
30	4319 - Mixed Upland Forest	Poletimber Well	14.5	50	81-110	N/A	Stand slightly above water table. Dead and down balsam fir and aspen. Young red maple/balsam/hemlock 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>Red Maple</td> <td>40</td> <td>Pole</td> <td>6</td> <td>50</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>40</td> <td>Pole</td> <td>6</td> <td>42</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Hemlock</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	40	Pole	6	50	Paper Birch	5	Pole	6		Balsam Fir	40	Pole	6	42	White Pine	5	Log/Pole	12		Hemlock	10	Log/Pole	10		<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>Red Maple</td> <td>Trace</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Trace	< 5 feet	< 5 feet	Balsam Fir	Low	< 5 feet	< 5 feet
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	40	Pole	6	50																																									
Paper Birch	5	Pole	6																																										
Balsam Fir	40	Pole	6	42																																									
White Pine	5	Log/Pole	12																																										
Hemlock	10	Log/Pole	10																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	Trace	< 5 feet	< 5 feet																																										
Balsam Fir	Low	< 5 feet	< 5 feet																																										
31	42200 - Natural White Pine	Sawtimber Well	3.2	136	111-140	N/A	Uneven aged stand. Mix of white pine, red pine and some pockets of quaking aspen. There is no access to this stand. V type to the north and private land to the south.																																						
<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>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>75</td> <td>Log</td> <td>16</td> <td>136</td> </tr> <tr> <td>Red Pine</td> <td>20</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Pole/Log	8		White Pine	75	Log	16	136	Red Pine	20	Log	14		<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>Balsam Fir</td> <td>Trace</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Trace	< 5 feet	< 5 feet														
Canopy Species	% Cover	Size Class	DBH	Age																																									
Quaking Aspen	5	Pole/Log	8																																										
White Pine	75	Log	16	136																																									
Red Pine	20	Log	14																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Balsam Fir	Trace	< 5 feet	< 5 feet																																										
32	6225 - Bog	None	3.1			No	Blueberry leatherleaf bog.																																						
		<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>White Pine</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	< 5 feet	< 5 feet																																		
Sub-Canopy Species	Density	Avg. Height	Size																																										
White Pine	Low	< 5 feet	< 5 feet																																										

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
33	42210 - Natural Red Pine	Sawtimber Well	11.4	108	111-140	N/A	Stand has been recently thinned. understory starting to become stocked. Southern portion of stand is lower in elevation, almost seasonably wet.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
White Pine		15	XLog/Log	18		White Pine	
Red Pine		85	Log	14	108	Balsam Fir	
						Density	Avg. Height
						Medium	< 5 feet
						Low	< 5 feet
							Size
							< 5 feet
34	6120 - Lowland Cedar	Sawtimber Medium	7.5	136	1-50	N/A	Stand has increasing balsam fir component over past 30 years or so.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Balsam Fir		14	Pole	7	46	Balsam Fir	
Black Spruce		10	Pole	8			
Northern White Cedar		70	Pole	7	136		
White Pine		3	Log	16			
Red Pine		3	Log	12			
						Density	Avg. Height
						Medium	< 5 feet
							< 5 feet
							Size
							< 5 feet
35	42110 - Planted Red Pine	Poletimber Well	33.3	65	141-170	N/A	1/3 row thinned by Vanduin in summer of 2008.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Pine		100	Pole	9	65	Red Maple	
						Density	Avg. Height
						Trace	< 5 feet
							< 5 feet
							Size
							< 5 feet
36	42260 - Natural Pine, Mixed Deciduous	Sapling Well	22.7	21	1-50	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		40	Sapling	1		White Pine	
White Pine		50	Sapling	1	21		
Red Pine		10	Sapling	1	21		
						Density	Avg. Height
						High	5 - 10 feet
							5 - 10 feet
							Size
37	4130 - Aspen	Poletimber Well	10.8	27	141-170	N/A	Final harvested in 1998. Aspen regeneration. Scattered log and pole size oak.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		15		5			
Red Oak		10	Log/Pole	11			
Quaking Aspen		30	Pole/Sapling	5			
Bigtooth Aspen		40	Pole/Sapling	5	27		
White Pine		5	Log/Pole	10			
						Density	Avg. Height
							Size
38	42221 - Natural Jack Pine, Mixed Deciduous	Poletimber Medium	9.3	27	111-140	N/A	Final harvested JP in 1998. Left red pine and some JP seed trees. Mostly jack pine-aspen regeneration stand. Some scattered red pine.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		5	Pole/Sapling	5			
Quaking Aspen		30	Sapling/Pole	4			
White Pine		5	Pole/Sapling	5			
Jack Pine		60	Pole/Sapling	5	27		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
40	42340 - Upland Spruce/Fir	Poletimber Well	1.9	65	81-110	N/A	OPIC - FMD: OI Stand Year Origin was 1961																									
<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>Red Maple</td> <td>15</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>45</td> <td>Pole</td> <td>6</td> <td>65</td> </tr> <tr> <td>Black Spruce</td> <td>30</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Pole	5		Quaking Aspen	10	Pole	5		Balsam Fir	45	Pole	6	65	Black Spruce	30	Pole	6	
Canopy Species	% Cover	Size Class	DBH	Age																												
Red Maple	15	Pole	5																													
Quaking Aspen	10	Pole	5																													
Balsam Fir	45	Pole	6	65																												
Black Spruce	30	Pole	6																													
41	429 - Mixed Upland Conifers	Sawtimber Well	10.7	108	111-140	N/A	OPIC - FMD: Mix of mature red and white pine. Understory varies from red pine to balsam fir. Stand is isolated by L types and private land.																									
42	6112 - Lowland Aspen	Poletimber Well	10.0	106	51-80	N/A	OPIC - FMD: Mix of aspen, red maple, balsam fir and cedar. Hummucky ground. Stand is surrounded by L types. Aspen is starting to decay. Habitat cut?																									
43	612 - Lowland Coniferous Forest	Poletimber Well	3.5	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. L understory in spots.																									
44	6112 - Lowland Aspen	Poletimber Well	10.0	87	51-80	N/A	OPIC - FMD: Quaking aspen, balsam poplar, balsam fir with some scattered pole sized oak. Quaking aspen is old and breaking up. No access due to adjacent L types. Possible habitat cut. Stand was remote called due to lack of access.																									
45	6120 - Lowland Cedar	Poletimber Well	10.2	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Some portions of the stand are flooded and the cedar is starting to die.																									
46	6120 - Lowland Cedar	Poletimber Well	5.1	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Some portions of the stand are flooded and the cedar is starting to die. REMOTE CALLED DUE TO LOCATION.																									
48	611 - Lowland Deciduous Forest	Poletimber Well	3.3	87	51-80	N/A	Comments from 2005: Mix of red maple, balsam fir, aspen and paper birch. Aspen is starting to show signs of decay. Possible habitat cut. Stand is surrounded by L.																									
49	6120 - Lowland Cedar	Poletimber Well	15.1	106	81-110	N/A	Comments form 2005: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Some portions of the stand are flooded and the cedar is starting to die.																									
<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>Red Maple</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>55</td> <td>Pole/Log</td> <td>8</td> <td>106</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole	9		Balsam Fir	15	Pole	7		Black Spruce	20	Pole	8		Northern White Cedar	55	Pole/Log	8	106
Canopy Species	% Cover	Size Class	DBH	Age																												
Red Maple	10	Pole	9																													
Balsam Fir	15	Pole	7																													
Black Spruce	20	Pole	8																													
Northern White Cedar	55	Pole/Log	8	106																												
50	6229 - Mixed Lowland Shrub	None	353.7			No	OPIC - FMD: Large complex of streams, tag alder, with scattered black spruce, cedar, dead cedar and tammarack.																									
<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>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>								Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	5 - 10 feet																	
Sub-Canopy Species	Density	Avg. Height	Size																													
Tag Alder	Full	5 - 10 feet	5 - 10 feet																													

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
51	6120 - Lowland Cedar	Poletimber Well	15.2	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Some portions of the stand are flooded and the cedar is starting to die. Species composition taken from the edge of stand and % values are estimated. 3/25 Stand is hard to walk through a lot of areas because of trees falling over.	
Canopy Species		% Cover	Size Class	DBH	Age			
Balsam Fir		30	Pole/Sapling	5				
Northern White Cedar		65	Pole	7	106			
Tamarack		5	Pole/Sapling	5				
53	6239 - Mixed Emergent Wetland	None	13.1			No	2015: Beaver flooding.	
54	42290 - Natural Mixed Pine	Sawtimber Well	6.7	129	51-80	N/A	OPIC - FMD: Uneven aged red and white pine mix with a maple fir understory. Thin the 14-18 inch red and white pine. Release the smaller diameter pine were found. Leave the big super canopy red pines for seed. Open up some holes for red pine to seed into. Could scarify or harvest during the summer months. Sale complete #63-012-07-01 Understory is on the verge of being pole class.	
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		55	XLog/Log	19	129			
Red Pine		45	XLog/Log	18				
Sub-Canopy Species		Density	Avg. Height	Size				
Quaking Aspen		Medium	>20 feet	>20 feet				
Red Maple		Medium	>20 feet	>20 feet				
White Pine		Low	< 5 feet	< 5 feet				
Balsam Fir		Trace	< 5 feet	< 5 feet				
55	4130 - Aspen	Poletimber Well	27.1	50	111-140	N/A	OPIC - FMD: Quaking aspen, nice A3. Scattered W1,R1,O1. Almost pole sized. Stand is wet in places. Tag alder understory in the wet areas. No current age taken and no cut records found. Stand is variable in size. East South portions of stand are larger and better quality. North and West sides are lower ground and smaller in size.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		20	Pole/Sapling	7				
Paper Birch		5	Pole/Sapling	7				
Quaking Aspen		62	Pole/Sapling	7	50			
Balsam Fir		5	Pole/Sapling	6				
Northern White Cedar		3	Log/Pole	10				
White Pine		5	Log/Pole	11				
56	42200 - Natural White Pine	Sawtimber Well	2.4	136	51-80	N/A		
Canopy Species		% Cover	Size Class	DBH	Age			
White Pine		75	XLog/Log	22	136			
Red Pine		25	XLog/Log	18				
Sub-Canopy Species		Density	Avg. Height	Size				
Quaking Aspen		Medium	10 - 20 feet	10 - 20 feet				
57	4199 - Other Mixed Upland Deciduous	Poletimber Well	57.6	36	81-110	N/A	Very patchy and complex stand. Clones of dense and scattered aspen dominate patches, along with multi-stem red maple and black cherry dominating other portions of stand. Over all, BA varies greatly. Some of this stand could be harvested but it is very patchy on where, it is ready.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		27	Pole	7				
Red Oak		10	Pole	7				
Quaking Aspen		35	Pole	7	36			
White Pine		5	Log/Pole/Sap	10				
Black Cherry		23	Pole	7				

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
58	4130 - Aspen	Sapling Medium	18.0	12	Immature	N/A	Stand cut with sale 63-029-10-01 winter 2014/2015
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Maple		20	Sapling	1	12	Red Maple	
Quaking Aspen		70	Sapling	1	12	Hawthorn (spp.)	
Northern Pin Oak		5	Pole	6		Quaking Aspen	
Black Cherry		5	Pole	6			
						Density	Avg. Height
							Size
59	42210 - Natural Red Pine	Sawtimber Well	5.7	96	51-80	N/A	Stand was recently harvested with Sale #63-012-07-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		5	Pole/Sapling	5		Quaking Aspen	
White Pine		15	XLog/Log	20		Red Maple	
Red Pine		80	XLog/Log	20	96	Red Oak	
						Density	Avg. Height
							Size
60	42110 - Planted Red Pine	Poletimber Well	19.2	65	1-50	N/A	Red pine stand was third row thinned recently with sale #63-012-07-01.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Red Oak		5	Pole	8		Red Maple	
Red Pine		95	Pole	9	65	Red Oak	
						Quaking Aspen	
						Density	Avg. Height
							Size
62	6120 - Lowland Cedar	Poletimber Well	11.0	128	81-110	N/A	OPIC - FMD: Stand buffers small stream.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Sapling	3			
Balsam Fir		10	Pole/Sapling	5			
Northern White Cedar		65	Pole	7	128		
Blue Spruce		20	Pole	6			
63	42210 - Natural Red Pine	Sawtimber Well	10.2	129	81-110	N/A	OPIC - FMD: Thinned in 1998. Cut all aspen, maple and marked pine, left oak. W3 understory in spots. Stand is now an uneven aged stand of white pine, red pine, aspen, maple and oak. Saw log sized oak can be found scattered throughout stand. Some O2 in the understory.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Quaking Aspen		5	Pole	8	28	Red Maple	
White Pine		15	XLog/Log	18		Balsam Fir	
Red Pine		80	XLog/Log	18	129	White Pine	
						Density	Avg. Height
							Size
64	4110 - Sugar Maple Association	Poletimber Poor	31.5	48	1-50	N/A	Open stand with scattered black cherry and hawthorn.
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	
Black/Red (Hybrid) Oak		20	Pole/Log	9		Hawthorn (spp.)	
Black Cherry		80		5	48		
						Density	Avg. Height
							Size
68	6124 - Lowland Spruce-Fir	Poletimber Well	6.7	101	51-80	N/A	Comments from 2005: Stand of balsam fir with scattered quaking aspen, white pine and black oak. No access, due to L types. Could be habitat cut.3/25 Most of the aspen has fallen out of this stand.
Canopy Species		% Cover	Size Class	DBH	Age		
Balsam Fir		20	Pole	8			
White Spruce		40	Pole/Log	9	101		
Black Spruce		40	Pole	8			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
69	6120 - Lowland Cedar	Poletimber Well	1.2	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Some portions of the stand are flooded and the cedar is starting to die.3/25 Some of the cedar has fallen over with a wind event.																																	
<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>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>75</td> <td>Pole</td> <td>7</td> <td>106</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole	7		Balsam Fir	10	Pole/Sapling	7		Black Spruce	5	Pole	7		Northern White Cedar	75	Pole	7	106								
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	10	Pole	7																																					
Balsam Fir	10	Pole/Sapling	7																																					
Black Spruce	5	Pole	7																																					
Northern White Cedar	75	Pole	7	106																																				
70	6112 - Lowland Aspen	Sapling Well	72.5	25	Immature	N/A	OPIC - FMD: Habitat cut in 2001. Nice P3. Not many deer tracks in stand. Very difficult to get around due to the fallen trees.																																	
<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>Red Maple</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>96</td> <td>Sapling</td> <td>3</td> <td>25</td> </tr> <tr> <td>Balsam Fir</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Sapling	3		Quaking Aspen	96	Sapling	3	25	Balsam Fir	2	Sapling	3														
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	2	Sapling	3																																					
Quaking Aspen	96	Sapling	3	25																																				
Balsam Fir	2	Sapling	3																																					
71	500 - Water	None	11.6			No	2015: Beaver flooding.																																	
72	6118 - Lowland Deciduous with Cedar	Sapling Well	27.9	22	Immature	N/A	Aspen regenerating well. Some low wet areas are flooded and have cattails. Heavy cedar blow down. No visible cedar regeneration (snow).																																	
<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>Red Maple</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling/Pole</td> <td>4</td> <td>22</td> </tr> <tr> <td>Northern White Cedar</td> <td>20</td> <td>Pole</td> <td>7</td> <td>120</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling/Pole	4		Quaking Aspen	65	Sapling/Pole	4	22	Northern White Cedar	20	Pole	7	120													
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	15	Sapling/Pole	4																																					
Quaking Aspen	65	Sapling/Pole	4	22																																				
Northern White Cedar	20	Pole	7	120																																				
73	6120 - Lowland Cedar	Poletimber Well	98.5	126	111-140	N/A	OPIC - FMD: C6 with heavy balsam fir understory. Some 1-6 inch cedar seedlings noted in the 1995 inventory. None were found in 2005, due to heavy snow.3/25 Some cedar coming up in more open areas or south edge of stand next to L type.																																	
<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>Balsam Fir</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>85</td> <td>Pole</td> <td>8</td> <td>126</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table> <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>Balsam Fir</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	5	Pole/Sapling	7		Black Spruce	5	Pole	8		Northern White Cedar	85	Pole	8	126	Tamarack	5	Pole	7		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																				
Balsam Fir	5	Pole/Sapling	7																																					
Black Spruce	5	Pole	8																																					
Northern White Cedar	85	Pole	8	126																																				
Tamarack	5	Pole	7																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Balsam Fir	High	5 - 10 feet	5 - 10 feet																																					
74	6112 - Lowland Aspen	Sapling Well	4.8	23	Immature	N/A	Stand regenerating to a fully stocked stand. Scattered pole cedar standing. A lot of residual cedar has blown down.																																	
<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>Red Maple</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Balsam Poplar</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Sapling	3		Quaking Aspen	70	Sapling	3	23	Balsam Poplar	10	Sapling	3		Northern White Cedar	15	Pole	8									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	5	Sapling	3																																					
Quaking Aspen	70	Sapling	3	23																																				
Balsam Poplar	10	Sapling	3																																					
Northern White Cedar	15	Pole	8																																					
75	4130 - Aspen	Sapling Well	12.0	23	Immature	N/A	OPIC - FMD: Final harvested in 2003. Nice E3 understory. Lots of deer browse. Most of the stand is above the browse line.																																	
<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>Red Maple</td> <td>30</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Sapling	3		Quaking Aspen	60	Sapling	3	23	Balsam Fir	10	Sapling	4														
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	30	Sapling	3																																					
Quaking Aspen	60	Sapling	3	23																																				
Balsam Fir	10	Sapling	4																																					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
76	6112 - Lowland Aspen	Sapling Well	7.6	22	81-110	N/A	Stand was harvested in 2003. Aspen regeneration with scattered pole size cedar. Cedar blow down present throughout.																																													
<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>Red Maple</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>75</td> <td>Sapling</td> <td>3</td> <td>22</td> </tr> <tr> <td>Balsam Poplar</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>7</td> <td>Pole</td> <td>6</td> <td>120</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	3	Sapling	3		Quaking Aspen	75	Sapling	3	22	Balsam Poplar	15	Sapling	3		Northern White Cedar	7	Pole	6	120																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	3	Sapling	3																																																	
Quaking Aspen	75	Sapling	3	22																																																
Balsam Poplar	15	Sapling	3																																																	
Northern White Cedar	7	Pole	6	120																																																
77	6112 - Lowland Aspen	Poletimber Well	7.9	112	81-110	N/A	Comments from 2005: Wet stand. Mix of red maple, paper birch, quaking aspen, BAM and some black oak on higher ground. Tag alder understory. Aspen is falling apart. No access due to L types and cedar swamps. Could habitat cut.																																													
<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>Red Maple</td> <td>35</td> <td>Pole</td> <td>7</td> <td>112</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Poplar</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	35	Pole	7	112	Paper Birch	10	Pole	5		Quaking Aspen	20	Pole	8		Black/Red (Hybrid) Oak	5	Pole	7		Balsam Poplar	30	Pole	7																
Canopy Species	% Cover	Size Class	DBH	Age																																																
Red Maple	35	Pole	7	112																																																
Paper Birch	10	Pole	5																																																	
Quaking Aspen	20	Pole	8																																																	
Black/Red (Hybrid) Oak	5	Pole	7																																																	
Balsam Poplar	30	Pole	7																																																	
78	611 - Lowland Deciduous Forest	Poletimber Well	4.9	112	111-140	N/A	Previous notes indicate this stand was Rx'd in 1995, but was not harvested to do lack of access. Previous inventory also indicates stand is converting to fir.																																													
79	429 - Mixed Upland Conifers	Sawtimber Medium	4.2	106	51-80	N/A	OPIC - FMD: Island surrounded by L, consider burning.																																													
80	623 - Emergent Wetland	None	3.3			No	OPIC - FMD: Old beaver flooding.																																													
81	623 - Emergent Wetland	None	5.5			No	Beaver flooding																																													
83	4130 - Aspen	Sapling Well	10.3	12	Immature	N/A	Stand cut with sale 63-029-10-01 Winter 2014/2015																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>12</td> <td>Red Maple</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>12</td> <td>Black Cherry</td> <td>Low</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td>Hawthorn (spp.)</td> <td>Medium</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>Black Cherry</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	20	Sapling	1	12	Red Maple	Low	< 5 feet	< 5 feet	Quaking Aspen	70	Sapling	1	12	Black Cherry	Low	< 5 feet	< 5 feet	Northern Pin Oak	5	Pole	6		Hawthorn (spp.)	Medium	10 - 20 feet	10 - 20 feet	Black Cherry	5	Pole	6					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Maple	20	Sapling	1	12	Red Maple	Low	< 5 feet	< 5 feet																																												
Quaking Aspen	70	Sapling	1	12	Black Cherry	Low	< 5 feet	< 5 feet																																												
Northern Pin Oak	5	Pole	6		Hawthorn (spp.)	Medium	10 - 20 feet	10 - 20 feet																																												
Black Cherry	5	Pole	6																																																	
84	612 - Lowland Coniferous Forest	Poletimber Well	13.6	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce.																																													
85	612 - Lowland Coniferous Forest	Poletimber Well	17.8	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce.																																													
86	623 - Emergent Wetland	None	6.3			No	OPIC - FMD: Marsh grass, cattails and some L along stream.																																													

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
87	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	6.6	112	81-110	N/A	OPIC - FMD: Wet stand. Mix of red maple, paper birch, quaking aspen, BAM and some black oak on higher ground. Tag alder understory. Aspen is falling apart. No access due to L types and cedar swamps.																																																			
88	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	16.6	112	81-110	N/A	OPIC - FMD: Wet stand. Mix of red maple, paper birch, quaking aspen, BAM and some black oak on higher ground. Tag alder understory. Aspen is falling apart. No access due to L types and cedar swamps.																																																			
89	6120 - Lowland Cedar	Poletimber Well	7.0	106	81-110	N/A	OPIC - FMD: Balsam fir, cedar mix with some overtopping aspen and scattered black spruce. Stream runs through south east portion of stand.																																																			
90	320 - Upland Shrub	None	3.8			No	OPIC - FMD: Borders L to the south and P3 to the north.																																																			
92	122 - Road/Parking Lot	None	2.6			No	OPIC - FMD: Decker Road. Paved county road.																																																			
93	42200 - Natural White Pine	Sawtimber Medium	14.9	116	51-80	N/A	Stand was recently thinned with stand 33. Stand has large canopy white and red pine with free-to-grow smaller diameter mixed species throughout (conifer and deciduous). Stand should be classified as a mixed species stand in near future.																																																			
<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>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>65</td> <td>XLog/Log</td> <td>18</td> <td>116</td> </tr> <tr> <td>Red Pine</td> <td>25</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	5	Pole/Sapling	5		White Pine	65	XLog/Log	18	116	Red Pine	25	Log	14		Jack Pine	5	Log/Pole	12		<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>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Balsam Fir</td> <td>Trace</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Trace	< 5 feet	< 5 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet													
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	5	Pole/Sapling	5																																																							
White Pine	65	XLog/Log	18	116																																																						
Red Pine	25	Log	14																																																							
Jack Pine	5	Log/Pole	12																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
White Pine	Low	5 - 10 feet	5 - 10 feet																																																							
Balsam Fir	Trace	< 5 feet	< 5 feet																																																							
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																							
<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>Red Maple</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>90</td> <td>XLog</td> <td>28</td> <td>103</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	8		Red Oak	90	XLog	28	103	White Oak	5	Log	14		<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>Red Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>Variable</td> <td>Variable</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Oak	Medium	< 5 feet	< 5 feet	White Oak	Medium	Variable	Variable	Red Maple	Low	5 - 10 feet	5 - 10 feet																			
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	5	Pole	8																																																							
Red Oak	90	XLog	28	103																																																						
White Oak	5	Log	14																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Oak	Medium	< 5 feet	< 5 feet																																																							
White Oak	Medium	Variable	Variable																																																							
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																							
<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>Leatherleaf</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	High	5 - 10 feet	5 - 10 feet																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Leatherleaf	High	5 - 10 feet	5 - 10 feet																																																							
94	4123 - Red Oak	Sawtimber Poor	4.0	103	1-50	N/A	OPIC - FMD: Stand was cut with sale #63-036-09-01 Stand was infected with Oak Wilt and was trenched prior to harvest. MiFI 1/15- pockets of pole size oak, which most of the stand has scattered large oak with regeneration coming in.																																																			
95	6225 - Bog	None	1.4			No																																																				
96	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	4.7	48	111-140	N/A	Mixed aspen stand, upland and wet in some spots. North end of stand is heavy to white pine																																																			
<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>Red Maple</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>6</td> <td>48</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Pole	6		Quaking Aspen	35	Pole	6	48	Northern Pin Oak	5	Pole/Log	9		Balsam Fir	5	Pole	6		White Pine	25	Pole/Log	9		Red Pine	10	Pole	6		<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>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>Serviceberry (Juneberry)</td> <td>High</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>10 - 20 feet</td> </tr> <tr> <td>Black Cherry</td> <td>Medium</td> <td>5 - 10 feet</td> <td>5 - 10 feet</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	5 - 10 feet	Serviceberry (Juneberry)	High	5 - 10 feet	5 - 10 feet	White Pine	Medium	10 - 20 feet	10 - 20 feet	Black Cherry	Medium	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Red Maple	20	Pole	6																																																							
Quaking Aspen	35	Pole	6	48																																																						
Northern Pin Oak	5	Pole/Log	9																																																							
Balsam Fir	5	Pole	6																																																							
White Pine	25	Pole/Log	9																																																							
Red Pine	10	Pole	6																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																							
Serviceberry (Juneberry)	High	5 - 10 feet	5 - 10 feet																																																							
White Pine	Medium	10 - 20 feet	10 - 20 feet																																																							
Black Cherry	Medium	5 - 10 feet	5 - 10 feet																																																							

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
97	6220 - Alder/Willow	None	0.9			No						
								Sub-Canopy Species	Density	Avg. Height	Size	
								Pines (spp.)	Low	5 - 10 feet	5 - 10 feet	
								Mountain Alder	High	5 - 10 feet	5 - 10 feet	
98	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	15.2	16	Immature	N/A	This was cut last year of entry and trenched and planted to jack pine					
								Canopy Species	% Cover	Size Class	DBH	Age
								Jack Pine	80	Sapling	3	16
								Black Cherry	20	Sapling	3	
99	4130 - Aspen	Sapling Well	2.1	16	Immature	N/A	Stand was part of larger pine stand that was third row thinned in 2009-2010 and final harvested in 2019. Aspen is pocket that was within the pine stand when final harvested.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Quaking Aspen	25	Sapling	2	
								Bigtooth Aspen	75	Sapling	2	16
100	4191 - Mixed Upland Deciduous with Conifer	Sapling Well	19.1	7	Immature	N/A	Stand was a jack pine stand harvest with sale 63-031-17-01 Redjacket Pine.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	30	Sapling	1	7
								Red Oak	15	Sapling	1	
								Quaking Aspen	20	Sapling	1	
								Balsam Fir	5	Sapling	1	
								Jack Pine	30	Sapling	1	7
109	4199 - Other Mixed Upland Deciduous	Poletimber Medium	7.1	58	51-80	N/A	OPIC - FMD: OI Stand Year Origin was 1967. 1/21/15- Open grown low quality stand. Old dump on western edge.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	5	Pole	6	
								Red Oak	35	XLog/Log	18	
								White Oak	5	Pole	8	
								Quaking Aspen	10	Pole	6	
Black Cherry	45	Pole	8	58								
121	4130 - Aspen	Sapling Well	10.0	16	Immature	N/A	OPIC - FMD: Mix of R6 and A5. Third row thin red pine. Do patch clearcuts in portions of the stand with heavy maple and large aspen. Do not cut healthy oak. Stand was prescribed 20 years and was not harvested.					
								Canopy Species	% Cover	Size Class	DBH	Age
								Red Maple	35	Sapling	2	
								Red Oak	5	XLog	26	
Quaking Aspen	60	Sapling	2	16								

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
176	6122 - Black Spruce	Poletimber Well	16.0	120	81-110	N/A																																					
<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>Balsam Fir</td> <td>20</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>50</td> <td>Pole</td> <td>8</td> <td>120</td> </tr> <tr> <td>Northern White Cedar</td> <td>30</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Balsam Fir	20	Pole	6		Black Spruce	50	Pole	8	120	Northern White Cedar	30	Pole	8																	
Canopy Species	% Cover	Size Class	DBH	Age																																							
Balsam Fir	20	Pole	6																																								
Black Spruce	50	Pole	8	120																																							
Northern White Cedar	30	Pole	8																																								
225	6120 - Lowland Cedar	Poletimber Well	25.5	106	111-140	N/A	Mostly cedar dominated with pockets dominated by hemlock. Trace of spruce and tamarack.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> <td>Balsam Fir</td> <td>Medium</td> <td>< 5 feet</td> <td>< 5 feet</td> </tr> <tr> <td>Northern White Cedar</td> <td>96</td> <td>Pole</td> <td>7</td> <td>106</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	2	Pole	6		Balsam Fir	Medium	< 5 feet	< 5 feet	Northern White Cedar	96	Pole	7	106					Tamarack	2	Pole/Sapling	6					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Black Spruce	2	Pole	6		Balsam Fir	Medium	< 5 feet	< 5 feet																																			
Northern White Cedar	96	Pole	7	106																																							
Tamarack	2	Pole/Sapling	6																																								
402	330 - Low-Density Trees	None	4.6			No	Grass opening area with pine, aspen and maple filling in. Some seedlings have been cut by adjacent landowner for shooting lanes.																																				