



Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42079

Entry Year 2021

Acreage: 1,344

County Luce

Management Area: Charcoal Grade

Revision Date: 2019-08-28

Stand Examiner: Matt Payment

Legal Description:

T47N R08W Sections 19, 20 and 21

Identified Planning Goals:

Timber management, fire control, wildlife habitat management and forest recreation management are all critical considerations during the planning, implementation and monitoring of treatments within this compartment. The overall management goal is to improve the forest health, diversity and productivity of the area through sustainable, proper forest treatments. Treatments prescribed will help renew and utilize the forest resource and continue to enhance the quality of wildlife and fisheries habitat.

Soil and topography:

Numerous soil series are found within the compartment, including Auger – Annanias Silt Loam, Hendrie-Annanias Complex and Zandi Silt Loam. Terrain is variable, ranging from rolling hills and steep ridges to lowlands and floodplains.

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

The compartment has a fairly contiguous block of State land comprising the core area with some mixed private and state ownership at its east and west edges. Several private camps are within the compartment and surrounding area. Predominant land use in the area includes timber production and forest recreation.

Unique Natural Features:

Potential for calypso orchid, lapland buttercup, ram's head lady's slipper, round-leaved orchid and limestone oak fern in cedar swamps. Potential for red-shouldered hawk, goshawk, great blue heron rookery, black-backed woodpecker, spruce grouse, eagle, osprey, wood turtle, moose and wolf. Potential for incurvate emerald, frigga fritillary, freija fritillary, and ebony boghaunter in boggy areas.

Archeological, Historical, and Cultural Features:

There is one historical occurrence listed in this compartment by the Bureau of Michigan History.

Special Management Designations or Considerations:

Management activities near Murphy Creek and its associated tributaries will follow all BMP guidelines as well as guidance provided by the Fish Biologist. Snowmobile trail operation during the winter and aesthetics along the snowmobile corridor are important considerations.

Watershed and Fisheries Considerations:

Fisheries Values: Moderate

Murphy Creek is recognized as a cold stream is not a designated trout stream. Temperatures are marginal for trout species in the section where this compartment lies. This section of Murphy Creek likely serves as nursery habitat for various fish (and reptiles) species that inhabit the Tahquamenon River. Treatments proposed in stands adjacent to the creek should utilize standard BMP's. Treatment boundaries should follow the course of the creek.

Wildlife Habitat Considerations:

Compartment 79 is in eastern Luce county and lies in the Grand Marais Sandy End Moraine and Outwash ecological sub-subsection and is in the Charcoal Grade management Area with black bear, moose, spruce grouse and American marten as featured species. The compartment has a good diversity of stand types and good species diversity within stands. Murphy Creek and its tributaries run throughout the compartment providing excellent travel corridors for wildlife. The compartment has high recreational use (hunting and non-hunting) throughout the year.

Wildlife values will be achieved by maintaining a component of represented species in hardwood thinnings as well as conifer components. Diversity in vertical structure of stands and creation of nest and den sites will be enhanced by leaving some large white pine in harvested stands. Hardwood stands are likely to contain vernal pools which will be protected during harvest operations to preserve wetland wildlife habitat. Notable wildlife species expected to inhabit this compartment include White-tailed deer, black bear, moose, wolves, bobcat, snowshoe hare, otter, mink, ruffed grouse, woodcock, muskrat and beaver.

Mineral Resource and Development Concerns and/or Restrictions

Sections 19-21, T47N-R8W, Luce County

No active sand/gravel pits are located within five miles, and potential for sand & gravel within the compartment appears to be limited. There is no history of mineral leasing in the compartment. There is no known potential for metallic minerals in this area, and no known potential exists economic hydrocarbon production in the UP.

Vehicle Access:

The Charcoal Grade is gated on private property approximately 2 miles south of the compartment, just south of intersection with Skyline Road. This gate is only open during snowmobile season. Access to various private property/camps is provided by the Charcoal Grade, Atwood Creek road and the Ulbeck Trail. This compartment is located approximately 1.5 miles northeast of the Charcoal Grade – Skyline Road intersection.

Survey Needs:

Survey monument placement is warranted in this compartment and surrounding area. Establishing private property lines on the proposed forest treatments without registered survey corners will be problematic.

Recreational Facilities and Opportunities:

Snowmobile Trail #45 follows the Charcoal Grade through the compartment. Opportunities for recreation include hunting, fishing, dispersed camping, wildlife/nature viewing, snowmobiling and ORV riding.

Fire Protection:

Large fire runs are not likely because of the fragmented hardwood/lowland conifer types and lack of hazard fuel types. Heavy wheeled equipment accessibility will be challenging in many areas because of the lowland types. Fire risk to private properties should be low because of lower intensity fires occurring.

Additional Compartment Information:

The following reports from the Inventory are attached:

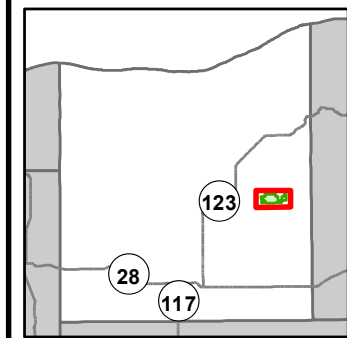
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

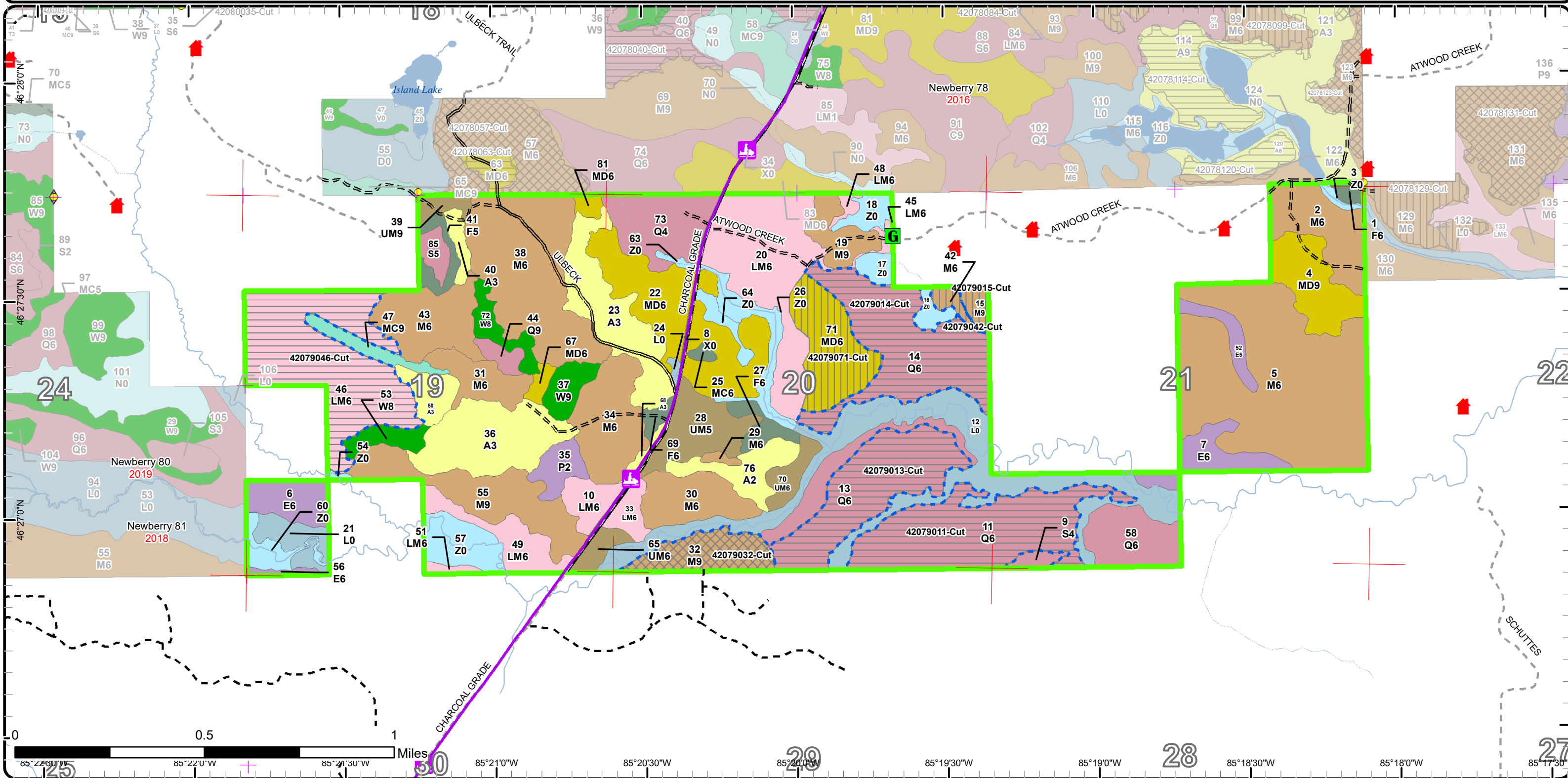
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 79
 T47N, R08W, Sec. 19-21
 County: Luce
 Unit: Newberry
 Mgmt Area: Charcoal Grade
 YOE: 2021
 Acres: 1,344 GIS Calculated
 Examiner: Matt Payment
 Map Revised: 12/19/2019
 Map Phase: Post-Review

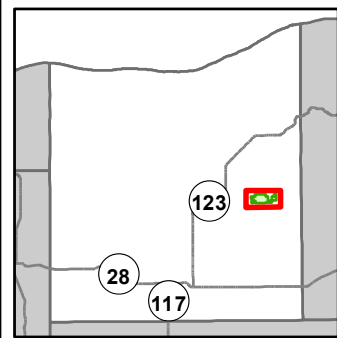


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- Private - Dirt / Gravel Road
- Snowmobile Trails
- Designated Snowmobile Trails
- ▲ Cabin
- Gate
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 500 - Water
- 622 - Lowland Shrub

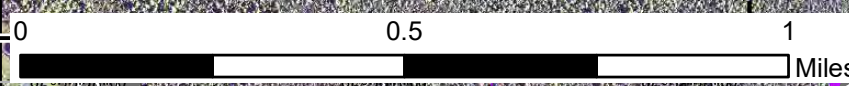
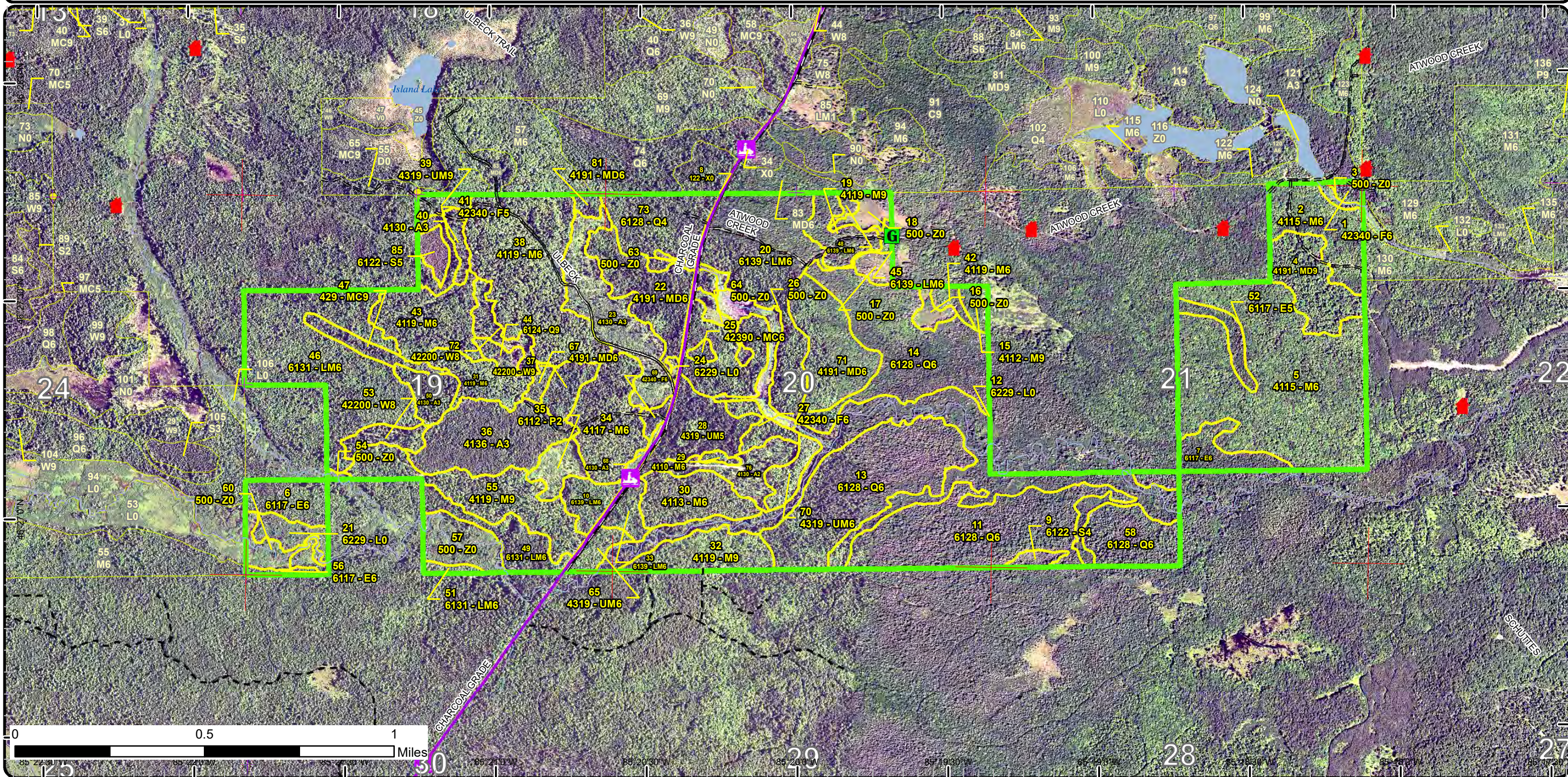


Stand Boundary Map

Compartment: 79
 T47N, R08W, Sec. 19-21
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 Unit: Newberry
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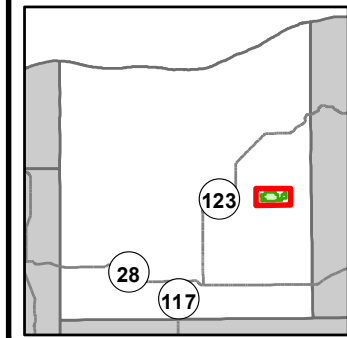
- Miris Corners
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- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
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- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 611 - Lowland Deciduous Forest
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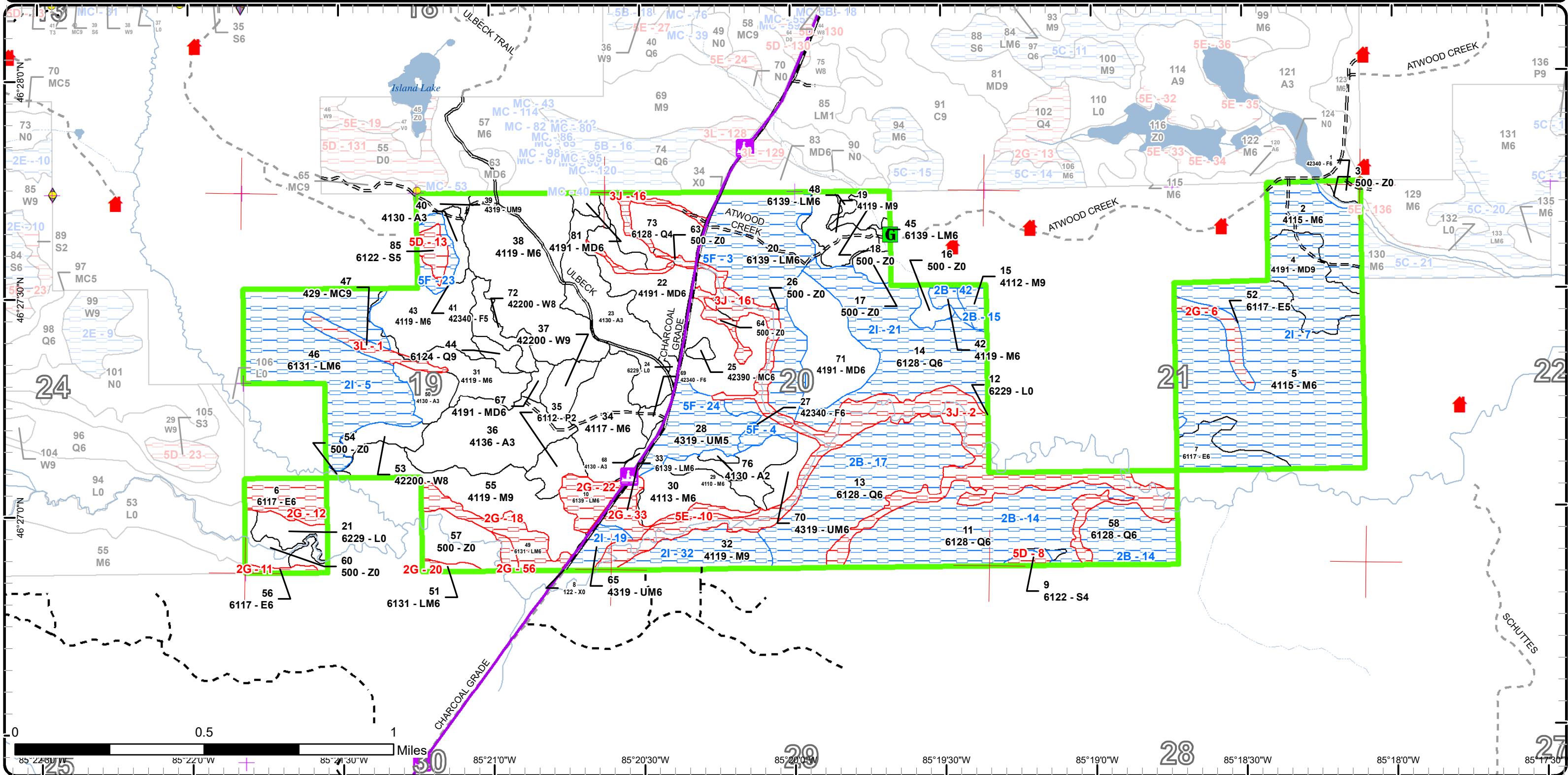
25 30 20 28 27

Special Conservation Areas & Site Conditions Map

Compartment: 79
 T47N, R08W, Sec. 19-21
 County: Luce
 Unit: Newberry
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- Gate
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5D: Unproductive Forest Land
- 5E: Long-Term Retention
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	57	10	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	106
Lowland Aspen/Balsam Poplar	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Lowland Conifers	0	0	0	0	0	28	0	0	4	0	155	0	0	0	0	0	0	61	248
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	40
Lowland Mixed Forest	0	0	0	0	0	0	0	0	63	0	17	0	0	0	0	0	0	95	174
Lowland Shrub	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89
Lowland Spruce/Fir	0	0	0	0	0	0	0	5	0	3	0	0	0	0	0	0	0	0	8
Mixed Upland Deciduous	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	59	115
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	380	393
Upland Conifers	0	0	0	0	0	0	0	0	0	2	0	8	0	0	0	0	0	0	10
Upland Mixed Forest	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	19	42
Upland Spruce/Fir	0	0	0	0	0	3	3	13	0	0	0	0	0	0	0	0	0	0	19
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
White Pine	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	16	25
Total	154	66	10	0	62	31	3	74	76	5	212	21	0	0	0	0	0	630	1343



Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2021

Acres of Harvest

Compartment 79
Total Compartment Acres: 1,344

Commercial Harvest - 31
 Harvests with Site Condition - 283
 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
Lowland Conifers	179	0	0	0	0	0	0	0	0	179
Lowland Mixed Forest	76	0	0	0	0	0	0	0	0	76
Mixed Upland Deciduous	0	0	0	0	31	0	0	0	0	31
Northern Hardwood	0	21	0	0	8	0	0	0	0	29
Total	255	21	0	0	40	0	0	0	0	315

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	315	0	0	0	0	0	0	0	0	315
Next Step	0	0	0	0	0	0	315	0	0	315
Total	315	0	0	0	0	0	315	0	0	630



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

11	42079011-Cut	66.2	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	97	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with Retention. Remove all species present except leave all cedar and hemlock. Leave 1 merchantable white pine of varying size class per 2 acres. Retention Pockets 3-5% making them as diverse as possible. 2-3 pockets at least. Acres may change after sale prep due to low ground nature of the stand. Buffer river accordingly.</p> <p>Survey Needs. Possibly Access Needs.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed lowland conifers and mixed deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											
13	42079013-Cut	51.3	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	97	81-110	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	No
<p><u>Prescription</u> Clearcut with Retention, remove all species present except leave all cedar, & hemlock. Leave all white pine over 18". Pockets 3-5% making them as diverse as possible. 2-3 pockets at least. Acres may change after sale prep due to low ground nature of the stand.</p> <p>Murphy Creek has been buffered 300ft.</p> <p>Survey Needs.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed lowland conifers</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											
14	42079014-Cut	61.4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	121	111- 140	Harvest	Clearcut with Retention	6129 - Mixed Coniferous Lowland Forest	Even-Aged	No
<p><u>Prescription</u> Clear cut with retention. Buffer river - final sale acres may change. Leave all Hemlock and four long, linear brush piles near Stand 71 for wildlife (rabbits).</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed lowland species</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>											

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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
15 42079015-Cut	4.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	97	111-140	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Shelterwood stand 40-60BA.</p> <p><u>Specs:</u> Retain yellow birch, white pine, white spruce, hemlock and cedar unless this interferes with logging equipment maneuverability.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Northern Hardwoods</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
32 42079032-Cut	20.7	4119 - Mixed Northern Hardwoods	Sawtimber Well	78	81-110	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Thin stand 70-90 BA. Remove all balsam and spruce. Survey needs.</p> <p><u>Specs:</u> Leave all hemlock. Leave 1 merchantable white pine of varying size class per acre.</p> <p>Be sure to leave some birch and cherry if present.</p> <p>Buffer river accordingly.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed hardwoods species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
42 42079042-Cut	3.6	4119 - Mixed Northern Hardwoods	Poletimber Well	84	111-140	Harvest	Shelterwood with Retention	411 - Northern Hardwood	Uneven-Aged	No
<p><u>Prescription</u> Shelterwood stand 40-60BA.</p> <p><u>Specs:</u> Retain yellow birch, white pine, white spruce, hemlock and cedar unless this interferes with logging equipment maneuverability.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> northern hardwoods</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Unknown Access</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
46 42079046-Cut	75.7	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	89	111-140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Two-Aged	No
<p><u>Prescription</u> Clearcut w/ Retention. Remove all species present except hemlock, unless need to cut for maneuverability. Leave all white pine over 18"</p> <p><u>Specs:</u> Retention Pocket(s) 3-5% sale acreage, make as diverse as possible.</p> <p>Mark 10-20 yellow birch throughout the stand > 10" to push over for nurse logs to aid in regeneration. Leave some larger yellow birch in the stand.</p> <p>Leave 2-3 tree length, 6' high brush piles near stand 50 A3.</p> <p>Acres may change after sale prep due to low ground nature of the stand.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Mixed lowland deciduous mixed coniferous species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u> Survey Needed</p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										
71 42079071-Cut	31.4	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	85	81-110	Harvest	Shelterwood with Retention	4199 - Other Mixed Upland Deciduous	Two-Aged	No
<p><u>Prescription</u> Shelterwood with retention. 40-60BA. Leave component of Cherry and leave all Hemlock.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> mixed deciduous species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2020</p>										

Total Treatment Acreage Proposed: 314.8

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

Compartment: 79
Year of Entry: 2021



Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions								
		With Condition	Not Available		2B	2I	5F	2G	3J	3L	5D	5E	
106	106	0	0	Aspen					0				0
9	9	0	0	Lowland Aspen/Balsam Poplar									
248	28	216	5	Lowland Conifers	155	61			5				
40	3	13	24	Lowland Deciduous		13		24					
174	7	132	35	Lowland Mixed Forest		75	58	35					
89	12	0	77	Lowland Shrub				0	77				0
8	0	1	8	Lowland Spruce/Fir	1							8	
116	89	25	2	Mixed Upland Deciduous		25			2				
393	211	179	4	Northern Hardwood	8	170	0	0	0	0			4
10	2	0	8	Upland Conifers							8		
42	13	29	0	Upland Mixed Forest		6	23	0	0				
18	6	13	0	Upland Spruce/Fir			13						
5	5	0	0	Urban				0	0				
60	41	0	18	Water	0	0		0	18				
25	25	0	0	White Pine		0							
1,344	555	608	181	Total Forested Acres	164	351	94	59	102	8	8		4
	41%	45%	13%	Relative Percent									

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	3L: Other wildlife concerns	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Steep hemlock slope. Wildlife values: moose habitat.							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	77	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified	Unspecified
Comments: River corridor. Evaluated for SBW.							

Report 4 – Site Conditions

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3	Available	5F: Evaluated for Forest Health Considerations	58	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Evaluated for SBW.							
4	Available	5F: Evaluated for Forest Health Considerations	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	2I: Survey needed	76	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2I: Survey needed	187	2B: Unknown if access through adjacent landowner(s) is possible	5F: Evaluated for Forest Health Considerations	Unspecified	Unspecified
Comments: Evaluated for SBW.							
8	Unavailable	5D: Unproductive Forest Land	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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10	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	2B: Unknown if access through adjacent landowner(s) is possible	2I: Survey needed	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5D: Unproductive Forest Land	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Available	2B: Unknown if access through adjacent landowner(s) is possible	89	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
15	Available	2B: Unknown if access through adjacent landowner(s) is possible	5	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							

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16	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Available	2B: Unknown if access through adjacent landowner(s) is possible	66	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							
18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
19	Available	2I: Survey needed	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
21	Available	2I: Survey needed	61	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
 Matt Payment : Examiner

Compartment: 79
 Year of Entry: 2021



22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
23	Available	5F: Evaluated for Forest Health Considerations	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Hold unless Forest Health concerns become an issue.							
24	Available	5F: Evaluated for Forest Health Considerations	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
32	Available	2I: Survey needed	21	Unspecified	Unspecified	Unspecified	Unspecified
Comments: No survey control. There will be no formal survey in the near future.							
33	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
42	Available	2B: Unknown if access through adjacent landowner(s) is possible	4	2I: Survey needed	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Newberry Mgt. Unit
Matt Payment : Examiner

Compartment: 79
Year of Entry: 2021



56	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	2F: Too steep	3G: Other Influence zones - See comments	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



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
1	42340 - Upland Spruce/Fir	Poletimber Well	2.7	50	51-80	N/A	Yellow birch and white pine are overstory components. Spruce and fir in the understory. Intermixed small openings. Portion of stand within Atwood Creek influence zone.																																																														
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2	4115 - Y.Birch, Hemlock NH	Poletimber Well	26.4	90	81-110	N/A	Mixed hardwood class comprised mainly of yellow birch, with a lower component of ironwood. Less common overstory associates include hemlock and white pine. Better site quality. Stand within Atwood Creek influence zone. Some drainages run through the stand. Good access with road but survey needed for sale prep.																																																														
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3	500 - Water	Nonstocked	1.7		Unspecified	No	Atwood Creek.																																																														
4	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	24.7	94	81-110	N/A	Some patches of M9. Good number of hardwood snags. Main components of red and sugar maple in the stand. Less common overstory associates include ironwood, white spruce, elm, white pine, cedar, and hemlock. Some nice white pine saplings in southwest corner. Atwood Creek Hardwoods, sale #22-01. Sale completed on 5/28/02. Nice regeneration gaps present.																																																														
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5	4115 - Y.Birch, Hemlock NH	Poletimber Well	123.2	97	81-110	N/A	A lot of smaller diameter poles in this stand, 5-8" dbh. Small patches of M9. Pockets of F3 understory. Conifers fairly abundant in overstory. Good snag density. Less common overstory associates include hemlock, white pine, and beech. Stand has some drainages running through it where there is more hemlock and some cedar present in the lower areas. If this does get treated this entry should cut stand 7 while we are in here. Survey control is lacking and corner will be needed if we attempt to treat this stand.																																																														
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6	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	14.3	93	1-50	N/A	Red maple, aspen, yellow birch and some cedar are the main components in the stand. Additional overstory associates are white spruce and black ash. Black ash and elm saplings found. Stand is low and wet. Access is only possible from the west or by stream crossing.																																										
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7	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	16.4	90	111-140	N/A	Hardwood comprised of black ash and red maple. Softwood category comprised of balsam fir and white spruce. Yellow birch, white birch, and sugar maple represented in stand overstory. Vigorous, high quality cedar in patches. Portions of stand within Murphy Creek riparian zone. Stand is wet along the southern edge.																																										
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8	122 - Road/Parking Lot	Nonstocked	4.9	0	Unspecified	No	Charcoal Grade, Snowmobile trail in winter.																																										
9	6122 - Black Spruce	Poletimber Poor	3.3	80	1-50	N/A	Stand is exceptionally flooded currently, small spruce and some tamarack within the stand. Connects to other low wet stand to the south.																																										
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10	6139 - Mixed Lowland Forest	Poletimber Well	9.7	93	51-80	N/A	Spruce, white pine, aspen, and red maple comprise the overstory of this stand with a M2/F2 understory. Drainage through the middle of the stand flowing east. Low wet ground. Snowmobile trail forms west edge of stand.																																										
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11	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	66.2	97	81-110	N/A	Stand has areas that are wet and others that are higher. Roads through the stand to private along murphy creek. Stand has black spruce, balsam, some large overstory white pine, cedar along edge and in lower areas. Some small areas of tamarack. Pockets of aspen, red maple, and some sparse ash and elm. Some yellow and paper birch present as well. Limited by survey control. Portions of stand within Murphy Creek influence zone.																																														
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12	6229 - Mixed lowland shrub	Nonstocked	77.4	0	Unspecified	No	Murphy Creek floodplain. Yellow birch, cedar and white spruce present.																																														
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13	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	66.1	97	81-110	N/A	Stand is buffered by Murphy Creek to the north and a large drainage to the east, access from the south through private, Limited by survey control. Stand is mainly spruce, cedar, white pine, with some tamarack. Red maple, paper/yellow birch present as well. Balsam fir, patchy but merchantable. Stand has many wet low areas throughout, making harvest difficult. Portion of stand within Murphy Creek influence zone.																																														
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14	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	61.4	121	111-140	N/A	Mixed softwood sawtimber includes white pine and hemlock. Yellow birch and black spruce are overstory associates. Fir understory is dense - 3-5" Dbh. Stand is a mosaic of C6 and Q6 with fair amount of soft maple. Small portion of stand within Murphy Creek influence zone.																																														
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15	4112 - Maple, Beech, Cherry Association	Sawtimber Well	4.5	97	111-140	N/A	Nice stand of sugar and red maple. Private hardwood stand to north has been heavily cut, while same stand to east has also been cut. Very vigorous M2 understory - 1 inch Dbh and 20 feet tall. Higher quality hardwood stand on upland site. Very infrequent white spruce poletimber. Retain spruce. East private line is painted in and looks accurate. North Line will need to be established as private harvest to North did not cut all way to a flag line. No corners found.																																														
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16	500 - Water	Nonstocked	4.1		Unspecified	No	Water levels fluctuate here, flooded currently into the surrounding trees.																																														
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																													
18	500 - Water	Nonstocked	6.3		Unspecified	No	Variable water levels to marshy grasses.																																																													
19	4119 - Mixed Northern Hardwoods	Sawtimber Well	12.8	103	51-80	N/A	Mixed hwd sawlog class includes yellow birch and sugar maple. Mixed softwood class includes cedar and white spruce. Aspen, hemlock, white birch, cedar, and white pine are overstory associates. Retained approximately 1/2 of yellow birch. Left all cedar, hemlock, white pine and white spruce unless interfered with logging maneuverability. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																																													
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20	6139 - Mixed Lowland Forest	Poletimber Well	58.9	74	51-80	N/A	Varying topography. Many areas with F3 or lowland brush understory. Aspen, black cherry, and tamarack are also overstory associates. Mixed softwood category comprised of white spruce, hemlock and cedar. Mixed hardwood sawlog-size class comprised of red maple and yellow birch. Mixed softwood pulpwood class comprised of white birch and yellow birch. Small portion of stand within stream influence zone. Snowmobile trail runs along west side of stand.																																																													
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21	6229 - Mixed lowland shrub	Nonstocked	10.7		Unspecified	No	Murphy Creek floodplain.																																																													
22	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	53.8	64	81-110	N/A	Mixed hardwood pulp class comprised of white birch and sugar maple. Yellow birch, beech, white spruce, white pine, hemlock, cedar and white birch are overstory associates. Site is intermediate in drainage class between E-type and low quality M-type. Fir understory dense, with areas of F3. Terrain variable - low ridges to flats. Snowmobile trail runs along east side of stand.																																																													
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23	4130 - Aspen	Sapling Well	35.3	6	Immature	N/A	Lots of aspen regen with balsam and some maple. Hemlock, Cedar, and white pine left after harvest. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																																													
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24	6229 - Mixed lowland shrub	Nonstocked	0.9		Unspecified	No	Low wet marshy stand, some cattails and small clumps of trees but mainly open. Soils = Hendrie-Annianias complex. Snowmobile trail extends along east side of stand.																																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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25 42390 - Mixed Non-Pine Upland Conifers Poletimber Well 1.8 87 141-170 N/A Cedar, spruce, and hemlock present in overstory. Some red maple and yellow birch in the overstory as well. Stand situated within a topographic depression.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	30	Pole	9	87
Hemlock	15	Log/Pole	14	
Black Spruce	20	Pole	7	
Red Maple	10	Pole	8	
Yellow Birch	10	Pole	8	

26 500 - Water Nonstocked 13.0 Unspecified No Stream with beaver damns along it. Full of water currently.

27 42340 - Upland Spruce/Fir Poletimber Well 6.8 68 81-110 N/A White spruce in overstory with aspen, red maple, and some large white pine Portion of stand within stream influence zone. Drainage class intermediate between upland and lowland conditions.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	40	Pole	7	68
Balsam Fir	15	Pole/Sapling	6	
Quaking Aspen	10	Pole	7	
Red Maple	20	Pole	7	
Paper Birch	8	Pole	7	

28 4319 - Mixed Upland Forest Poletimber Medium 23.1 35 51-80 N/A Old opening filling in. Aspen present, heavier in patches. Interconnected small openings. Patches of F3 and F5. Many old apple trees present. Some scattered groups of larger white spruce and aspen. White pine overstory trees found. Fir and spruce range from 30-50ft tall. Mixed hardwood class comprised of black cherry and white birch.

Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen	20	Sapling/Pole	4		Balsam Fir	Medium	Variable	Sapling
White Spruce	35	Pole/Sapling	6	35	Quaking Aspen	Medium	Variable	Sapling
Balsam Fir	10	Sapling/Pole	4					
White Pine	10	Log/Pole	12					
Paper Birch	10	Pole	6					
Black Cherry	10	Pole/Sapling	6					

29 4110 - Sugar Maple Association Poletimber Well 1.6 88 51-80 N/A Small stand of nice hardwood that was left after stand surrounding it was harvested. Mainly sugar maple with a few scattered white pine.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	100	Log/Pole	10	88

Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
30	4113 - R.Maple, Conifer	Poletimber Well	21.7	103	51-80	N/A	Mixed softwood class comprised of white spruce and white pine. Understory becomes a F2/F3 to east. Stand is more pole-sized to east. Defect in hardwoods is common. Abundant snags. Hemlock, yellow birch and black cherry components in overstory. Steep, fairly long slope descending towards Murphy Creek at south edge of stand. Sandy silt loam. Will retain hemlock and cedar unless interfering with logging equipment maneuverability. Will leave some white spruce. Fish biologists asks that a 200 foot wide "no cutting" buffer be left along Murphy creek.																																													
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31	4119 - Mixed Northern Hardwoods	Poletimber Well	14.8	96	81-110	N/A	Sugar maple, red maple, beech, white birch, black spruce, white spruce, and white pine are overstory associates. Large topographic variation across site - some higher ridges.																																													
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32	4119 - Mixed Northern Hardwoods	Sawtimber Well	20.7	78	81-110	N/A	Scarce sawlog-sized beech. Mixed softwood category comprised of white spruce and cedar. Larger red maple are pulpwood quality. Private camp on south boundary. May need survey support to establish private line. Stand located on a gentle, north-facing slope. Patches of nice M2 understory - up to 20 ft tall. Understory composition is mainly sugar maple. Yellow birch, hemlock, and white pine are additional overstory associates. Leave cedar, white pine and hemlock unless interfering with logging equipment maneuverability. Will leave some white spruce. Portion of stand within Murphy Creek influence zone. Fish Biologist asks that a 200 foot wide "no cutting" buffer along Murphy creek per Fisheries.																																													
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33	6139 - Mixed Lowland Forest	Poletimber Well	7.2	93	51-80	N/A	Spruce, white pine, aspen, and red maple comprise the overstory of this stand with a M2/F2 understory. Drainage through the middle of the stand flowing east. Low wet ground. Snowmobile trail forms west edge of stand.																																													
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34	4117 - Mixed N. Hardwood - Pine	Poletimber Well	30.6	92	51-80	N/A	White pine and hemlock sawlog-sized trees present. White pine, white spruce, fir, black cherry and white birch poles also found. White pine, hemlock, and some white spruce left after last harvest. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																													
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35	6112 - Lowland Aspen	Sapling Medium	9.0	5	Immature	N/A	Removed all aspen. Aspen and maple coming back. Retained all white pine, cedar and hemlock.																																																						
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36	4136 - Aspen, Mixed Conifer	Sapling Well	39.0	35	1-50	N/A	Black cherry and balsam fir saplings present. Red maple and balsam fir poles widely scattered in stand. Stand fully stocked with abundant aspen stems. Scattered white pine and some white spruce along edges.																																																						
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37	42200 - Natural White Pine	Sawtimber Well	8.8	78	111-140	N/A	White birch, black cherry, balsam fir, yellow birch, aspen and cedar are overstory associates. Mix of ridges and lower areas, though water table low throughout stand.																																																						
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38	4119 - Mixed Northern Hardwoods	Poletimber Well	67.3	96	81-110	N/A	Sugar maple, red maple, beech, white birch, black spruce, white spruce, and white pine are overstory associates. Large topographic variation across site - some higher ridges. Stand harvested as sale #036-01-01, "NL&C Hardwood". Sale complete 05/17/05.																																																						
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39	4319 - Mixed Upland Forest	Sawtimber Well	5.0	89	81-110	N/A	Sugar and red maple dominate the canopy here with hemlock, white spruce, serviceberry, white pine and balsam fir associates in overstory. Some pockets of heavier yellow birch.																																																						
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White Pine	15	Log/XLog	16	83																																																									
Red Maple	10	Pole	9																																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
41	42340 - Upland Spruce/Fir	Poletimber Medium	6.1	64	51-80	N/A	Was part of stand 85 but split it out apart, stand has spruce, balsam, hemlock, white pine, red maple, yellow birch all in the overstory with some maple, balsam, and white pine in the understorey. Stand transitions into the more solid black spruce stand 85.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		50	Pole	6	64	Red Maple		
Balsam Fir		10	Pole/Sapling	6		Black Spruce		
White Pine		10	Log/Pole	13		White Pine		
Hemlock		10	Log/Pole	13		Density		
White Spruce		8	Pole	9		Avg. Height		
						Size		
42	4119 - Mixed Northern Hardwoods	Poletimber Well	3.6	84	111-140	N/A	Site is wetter to south. Mixed hardwood sawlogs include red maple and yellow birch. Retain yellow birch, white pine, white spruce, hemlock and cedar unless this interferes with logging equipment maneuverability. Limited by access and survey corner control.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		40	Pole	9	84	Red Maple		
Sugar Maple		20	Pole/Log	9		Sugar Maple		
Yellow Birch		10	Log/Pole	10		White Pine		
White Spruce		10	Pole	8		Density		
Paper Birch		8	Pole	7		Avg. Height		
						Size		
43	4119 - Mixed Northern Hardwoods	Poletimber Well	28.3	103	81-110	N/A	Hemlock, white spruce, white pine, beech and yellow birch are overstory associates. Aspen is deteriorating. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Sugar Maple		30	Log/Pole	11	103	Red Maple		
Red Maple		30	Log/Pole	10		Sugar Maple		
White Pine		10	Log	15		White Pine		
Yellow Birch		10	Pole	9		Density		
Beech		10	Log/Pole	10		Avg. Height		
						Size		
44	6124 - Lowland Spruce-Fir	Sawtimber Well	4.4	76	171-200	N/A	Aspen, black spruce and white birch are overstory associates. A few large white pine scattered throughout. Some ponding in the east side of stand quite a bit of water.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black Spruce		40	Pole/Sapling	7	76	Red Maple		
Quaking Aspen		15	Pole	9		Sugar Maple		
Paper Birch		15	Pole	8		White Pine		
Balsam Fir		10	Pole/Sapling	6		Density		
Northern White Cedar		15	Pole	8		Avg. Height		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																									
45	6139 - Mixed Lowland Forest	Poletimber Well	2.1	74	51-80	N/A	Varying topography. Many areas with F3 or lowland brush understory. Aspen, black cherry, and tamarack are also overstory associates. Mixed softwood category comprised of white spruce, hemlock and cedar. Mixed hardwood sawlog-size class comprised of red maple and yellow birch. Mixed softwood pulpwood class comprised of white birch and yellow birch. Small portion of stand within stream influence zone. Snowmobile trail runs along west side of stand.																																																									
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46	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	75.7	89	111-140	N/A	Hardwood comprised of yellow birch and beech. Scattered hemlock groves. White birch, white pine and cedar area overstory associates. Nice scattered hemlock saplings. Wet areas prevalent in and throughout the stand. Drainages run through the stand in multiple areas. Winter cut only. Survey needs.																																																									
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47	429 - Mixed Upland Conifers	Sawtimber Well	7.7	107	141-170	N/A	Hemlock with full, vigorous crowns. Narrow ridge with steep slopes. Would not be operable for heavy equipment. Stand transitions to a H6 to west end. White birch and beech present. Aspen, cedar, and white pine more common to west.																																																									
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49	6131 - Hemlock, White Pine, Maple, Birch	Poletimber Well	16.5	89	111-140	N/A	Hardwood comprised of yellow birch and beech. Scattered hemlock groves. White birch, white pine and cedar area overstory associates. Nice scattered hemlock saplings. Wet areas prevalent throughout the stand. Drainages run through the stand in multiple areas. Stand falls within the Murphy Creek influence zone.																																																			
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50	4130 - Aspen	Sapling Well	9.6	14	Immature	N/A	Stand harvested as "NL&C Hardwood" (036-01-01). Sale completed 05/17/05. Final harvest. Aspen whips 0.5 to 1 inch caliper, 10 to 14 feet tall. Widely scattered hemlock, beech, white pine, yellow birch, red maple and sugar maple retained.																																																			
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52	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	7.4	93	1-50	N/A	Red maple, aspen, yellow birch and some cedar are the main components in the stand. Additional overstory associates are white spruce and black ash. Black ash and elm saplings found. Stand is low and wet. Stand 5 will be cut and this stand could be held for age class and species diversity in the stand. As well and it being low and wet.																																																			
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53	42200 - Natural White Pine	Sawtimber Medium	7.4	120	51-80	N/A	Stand located on some low ridges. Mainly white pine, hemlock, and some yellow birch left after last harvest. Very nice large white pine. Some scattered white spruce throughout as well. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																																			
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54	500 - Water	Nonstocked	0.8		Unspecified	No	Murphy Creek floodplain.																																																						
55	4119 - Mixed Northern Hardwoods	Sawtimber Well	37.6	103	51-80	N/A	Mixed softwood sawlog category includes white spruce, hemlock and white pine. Mixed hardwood pulp category includes yellow birch, beech, white birch and black cherry. Retained hemlock, white pine, and cedar. Snowmobile trail extends along southeast side of stand. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																																						
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56	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	2.1	93	81-110	N/A	Red maple, aspen, yellow birch and some cedar are the main components in the stand. Additional overstory associates are white spruce and black ash. Black ash and elm saplings found. Stand is low and wet. No survey control. Murphy Creek influence zone.																																																						
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57	500 - Water	Nonstocked	15.9		Unspecified	No	Murphy Creek floodplain.																																																						
58	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	22.4	97	81-110	N/A	Stand has areas that are wet and others that are higher. Roads through the stand to private along murphy creek. Stand has black spruce, balsam, some large overstory white pine, cedar along edge and in lower areas. Some small areas of tamarack. Pockets of aspen, red maple, and some sparse ash and elm. Some yellow and paper birch present as well. Limited by survey control. Portions of stand within Murphy Creek influence zone.																																																						
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60	500 - Water	Nonstocked	7.6		Unspecified	No	Murphy Creek floodplain.																																																						
63	500 - Water	Nonstocked	1.2		Unspecified	No	Stream with beaver damns along it. Full of water currently.																																																						
64	500 - Water	Nonstocked	4.4		Unspecified	No	Full of water some lowland shrubs. Could be merger with 26, left it separate in case water drops and it can be reclassified.																																																						



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65	4319 - Mixed Upland Forest	Poletimber Well	6.1	91	111-140	N/A	Overstory red and sugar maple, hemlock, white pine, black cherry, balsam fir and white birch present. Snowmobile trail runs along west side of stand. Portion of stand within Murphy Creek influence zone.																																																				
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67	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	3.0	90	81-110	N/A	Red maple, sugar maple, white pine, black spruce and white spruce also present. Next time 31 or 38 get cut this stand could be merged into one of them.																																																				
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68	4130 - Aspen	Sapling Well	2.0	6	Immature	N/A	Retained all white pine, hemlock and cedar. Apple trees also present. Aspen and maple mainly what is coming in. Snowmobile trail runs along east side of stand.																																																				
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69	42340 - Upland Spruce/Fir	Poletimber Well	2.9	45	51-80	N/A	Apple trees found within stand. Mainly spruce and fir here. Some very small openings still exist along with thickets of spruce regen. Most spruce maintain live branches down to the forest floor. White birch, white pine and aspen are overstory associates. Snowmobile trail runs along east edge.																																																				
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70	4319 - Mixed Upland Forest	Poletimber Well	7.8	77	81-110	N/A	Stand is poor quality timber, red maple, yellow birch and white birch for hardwood components with hemlock, white pine, cedar, balsam, and spruce. Borders Murphy Creek influence zone. Stand if harvested would be cut in half from the buffer on the creek.																																																				
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71	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	31.4	85	81-110	N/A	Hardwood category comprised of beech, black cherry and white birch. Hills and low flats. Aspen and fir are overstory associates. Sub stands of cedar and hemlock. Nice hemlock and yellow birch saplings.																																																							
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72	42200 - Natural White Pine	Sawtimber Medium	8.9	108	1-50	N/A	Low quality maple transitioning to lower wet areas to south. Aspen was removed some spruce, hemlock, white pine, cedar, and yellow birch remain in the stand. Understory has some pine and maple along with aspen regenerating.																																																							
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73	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Poor	27.7	43	51-80	N/A	Widely scattered overstory associates include white pine, white spruce, balsam fir, aspen, white birch, cedar, black cherry and yellow birch. Very heterogeneous stand. Snowmobile trail extends along east side of stand. Stream influence zone. Stand is wet and has drainages running through it.																																																							
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76	4130 - Aspen	Sapling Medium	15.2	6	Immature	N/A	Aspen, maple regen look good, large white pine left with a few scattered hemlock. Stand was wet when there. Stand harvested as sale #012-11-01, "Comp 79". Completed 07/22/2014.																																																							
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81	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	2.6	64	51-80	N/A	Mixed hardwood pulp class comprised of white birch and sugar maple. Yellow birch, white spruce, white pine, hemlock, cedar and white birch are overstory associates. Site is intermediate in drainage class between E-type and low quality M-type. Fir understory dense, with areas of F3. Terrain variable - low ridges to flats. Snowmobile trail runs along east side of stand.																																																							
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85	6122 - Black Spruce	Poletimber Medium	5.1	64	51-80	N/A	Many submerchantable spruce stems. Patches of S2 and S3. Spruce reproduction is 8 to 20 feet tall. Stocking decreases towards center of stand. Southeast side contains a nice H6/W8 inclusion.										
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