

Compartment Review Presentation

Newberry Forest Management Unit

Compartment 42117

Entry Year: 2027

Acreage: 4,030

County: Luce

Management Area: Seney Lake Plain

Stand Examiner: Nicholas Wheeler

Legal Description:

T46N R8W Section 18, 19 and T46N R9W Sections 3, 10-15, 23, 24

Identified Planning Goals:

To maintain and enhance forest health and diversity while incorporating recreational, wildlife, fire, and any additional special concerns.

Soil and topography:

Flat Tahquamenon peat, Carbondale muck swamps with low upland ridges of Saugatuck, Wallace fine and Brimley very fine sands. Approximately 2/3 of the compartment is a complex of predominately wetland cover types.

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

Private lands to the east, otherwise surrounded by mixed State and private ownership.

Unique Natural Features:

MNFI has identified the potential for merlin, eagle, osprey, goshawk, red-shouldered hawk, wood turtle, and Blanding's turtle. Potential for yellow rail, least bittern, American bittern, marsh wren and black tern in marsh. Potential for gray wolf and moose. Potential for spruce grouse and black-backed woodpecker. Potential for incurvate emerald, frigga fritillary, freija fritillary, and ebony boghaunter in boggy areas. Potential for sweet coltsfoot, Wiegand's sedge, English sundew, round-leaved orchis, black crowberry, yellow pitcher plant, and panicled screwstem in bogs. Potential for climbing fumitory, pine-drops, and false violet in pines.

Archeological, Historical, and Cultural Features:

None identified by the Bureau of History

Special Management Designations or Considerations:

Watershed and Fisheries Considerations:

Fisheries Concerns: Auger Creek and the Tahquamenon River both skirt this compartment. The reaches of Auger Creek in this area are relatively warm and not suitable for trout. However, these reaches likely serve as nursery habitat for a wide variety of game fishes from the Tahquamenon River such as Northern Pike, Muskellunge, Walleye, Yellow Perch, and Suckers. Treatments adjacent to Auger creek, such as stand 64, need to follow the standard BMP 100 foot minimum Riparian Management Zone (RMZ). The treatment prescription for stand 64 indicates that retention will be left in the wetter areas, which are likely near the creek. Cutting activity in the RMZ is acceptable if only selected trees are removed. Treatments are unlikely to occur anywhere near either stream due to the marshy condition, however when treatments do occur, standard BMP's should apply.

Wildlife Habitat Considerations:

Compartment 117 lies in the Seney Lake Plain Management Area in central Luce county. Auger Creek makes up the northern border of the compartment. The compartment is largely comprised of low, wet cover types varying from treed bogs and lowland brush to swamp conifer and swamp hardwoods. A few drier spots and ridges support jack pine, spruce, and white pine or aspen stands. Excellent wildlife travel corridors exist along lowlands, ridges and streams. Forested corridors should be maintained to facilitate ease of movement between upland and lowland areas by wildlife species as they provide crucial wildlife corridors through this compartment. Buffer zones along streams and rivers should be sustained to preserve travel corridors and wetland wildlife values and habitats. Wildlife objectives will be achieved by the retention of hard and soft mast producing trees, wildlife den and nest trees and snags in harvested stands and the preservation of conifer components in aspen stands. White-tailed deer, black bear, snowshoe hare, moose, gray wolf, mink and otter are noteworthy wildlife species using this compartment. Featured species include American woodcock, blackburnian warbler, American marten, red crossbill, spruce grouse, wood thrush, ruffed grouse, snowshoe hare and white-tailed deer.

Mineral Resource and Development Concerns and/or Restrictions

Sections 3, 10 - 15 & 22 – 24, T46N-R9W & Sections 18 & 19, T46N-R8W, Luce County

Surface sediments consist of peat and muck and minor lacustrine (lake) sand & gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Collingwood and Utica Shales and the Trenton Group subcrop below the glacial drift. The Trenton is quarried for limestone/dolomite in the UP. Gravel pits are not located in the area and potential is limited. There is no economic oil and gas production in the UP, although there was a recent well drilled in Schoolcraft County.

Vehicle Access:

9 Miles north of Newberry on the Charcoal Grade. Access is very limited due to private land ownership, gates and the minimal amount of roads within the compartment. The main access to this compartment is the Charcoal Grade. It is gated on the north and south ends of the adjacent compartment on the borders of the private land ownership. The Charcoal Grade is a major snowmobile trail leading to and from Newberry. During snowmobile season, the private landowners open the gates to allow access for snowmobiling.

Survey Needs:

Corners needed for SE1/4, NW1/4 of Sec14, T46N, R09W

Recreational Facilities and Opportunities:

The Falls snowmobile trail (Trail #45) uses the Charcoal Grade as a main travel route. Hunting and wildlife viewing are additional opportunities.

Fire Protection:

Fire suppression activities may be tough with heavy equipment because of soft ground. Large fire potential may be low to moderate because of poor roads and mixture of Jack Pine ridges, swamp conifers and marshes.

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:

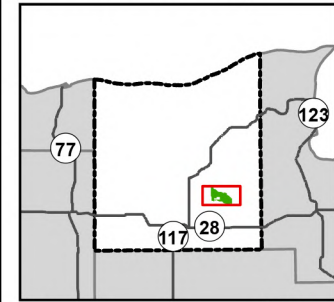
Base feature information, stand boundaries, cover types, and numbers

Proposed treatments

Site condition boundaries

Details on the road access system

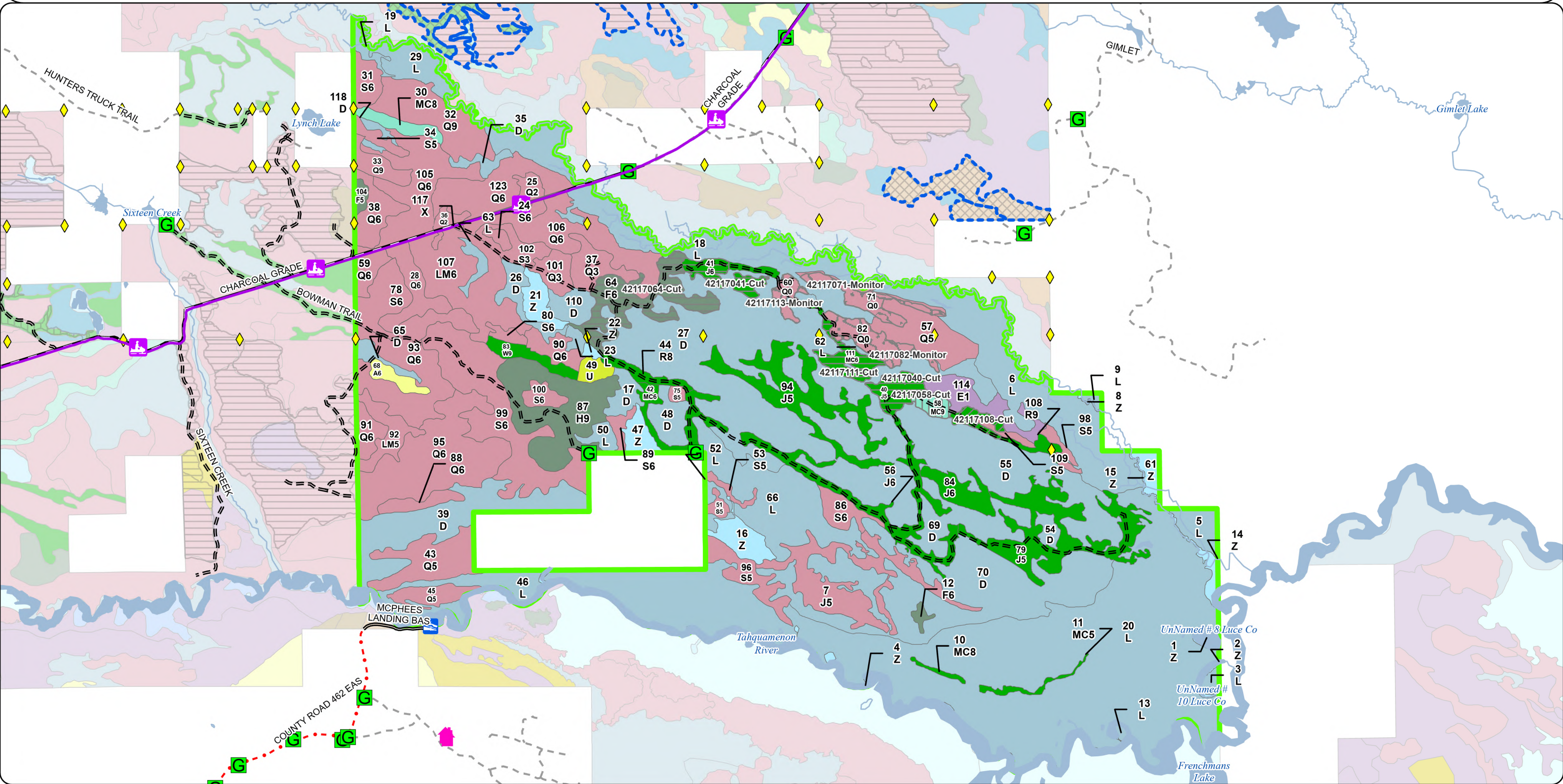
Cover Type & Treatments Map

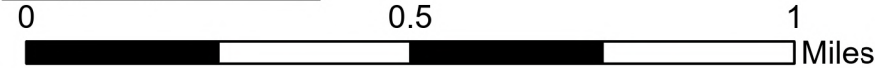





























Compartment: 42117
T46N R09W 03, 10-15, 18, 22-24
County: Luce
Unit: Newberry
Mgmt. Area: Seney Lake Plain
YOE: 2027
Acres: 4,030 GIS Calculated
Examiner: Nicholas Wheeler
Date Exported: 08/19/2025
Map Phase: Web Post

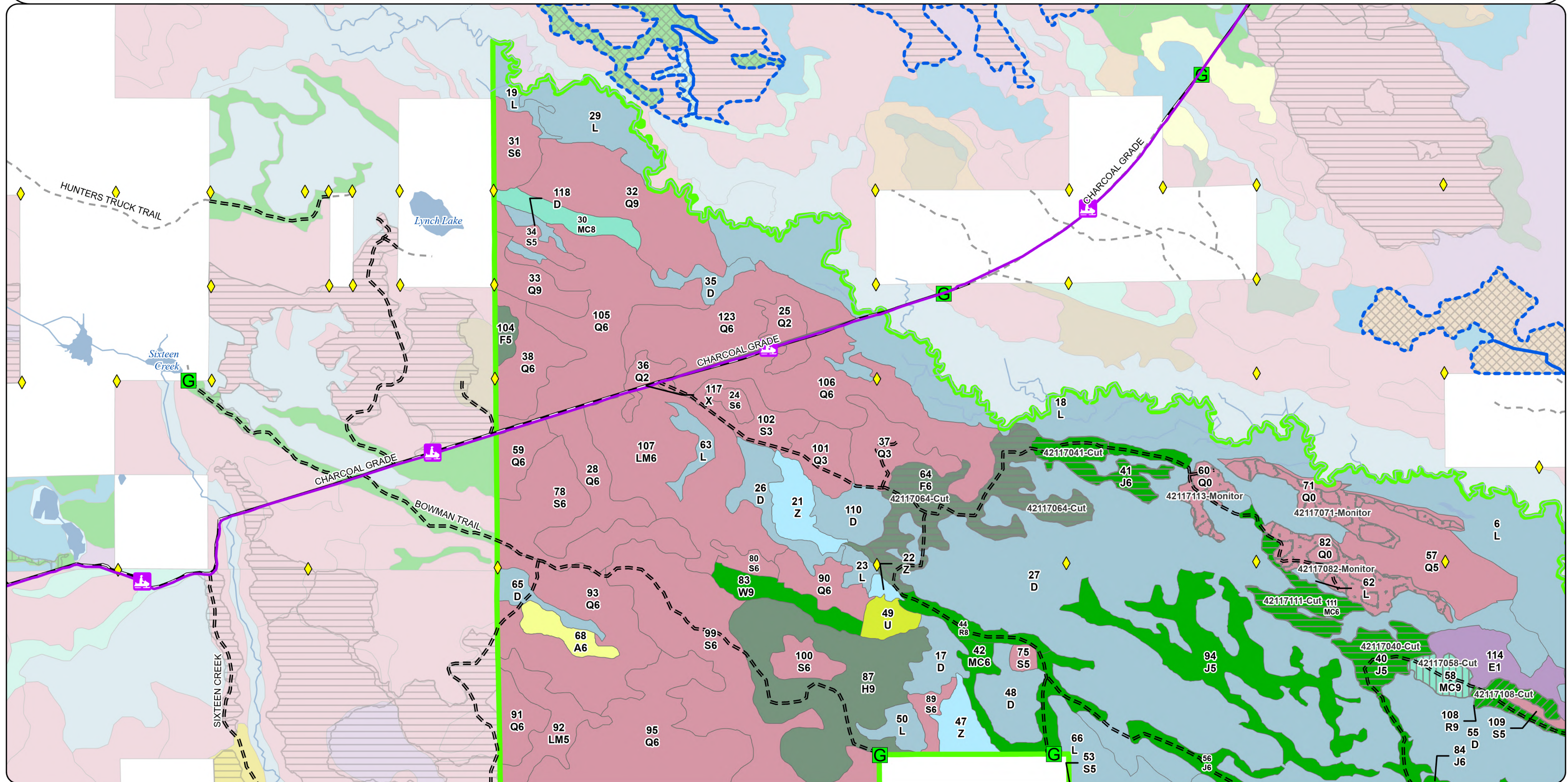
0 0.5 1 Miles

- | | | | |
|------------------------------|------------------------------|---------------------------------|---------------------------------|
| Survey Grade Corners | DNR - Forest Access Route | Clearcut | 429 - Mixed Upland Conifers |
| Structure, Seasonal Dwelling | County - Gravel Road | Shelterwood | 500 - Water |
| Gate | Private - Dirt / Gravel Road | Thinning | 611 - Lowland Deciduous Forest |
| Boating Access Site | Intermittent Stream | Monitoring - Regeneration | 612 - Lowland Coniferous Forest |
| Designated Snowmobile Trails | Perennial River | Treatments with Site Conditions | 613 - Lowland Mixed Forest |
| DNR - Primary Forest Road | Lakes and Rivers | 413 - Aspen | 122 - Road/Parking Lot |
| DNR - Secondary Forest Road | Counties | 422 - Natural Pines | 330 - Low Density Trees |
| | Compartment Boundary | 423 - Other Upland Conifers | 622 - Lowland Shrub |





- | | | | |
|--|--|---|---|
|  Survey Grade Corners |  Intermittent Stream |  Thinning |  500 - Water |
|  Gate |  Perennial River |  Monitoring - Regeneration |  611 - Lowland Deciduous Forest |
|  Designated Snowmobile Trails |  Lakes and Rivers |  Treatments with Site Conditions |  612 - Lowland Coniferous Forest |
|  DNR - Primary Forest Road |  Counties |  413 - Aspen |  613 - Lowland Mixed Forest |
|  DNR - Forest Access Route |  Compartment Boundary |  422 - Natural Pines |  122 - Road/Parking Lot |
|  Private - Dirt / Gravel Road |  Clearcut |  423 - Other Upland Conifers |  330 - Low Density Trees |
| |  Shelterwood |  429 - Mixed Upland Conifers |  622 - Lowland Shrub |



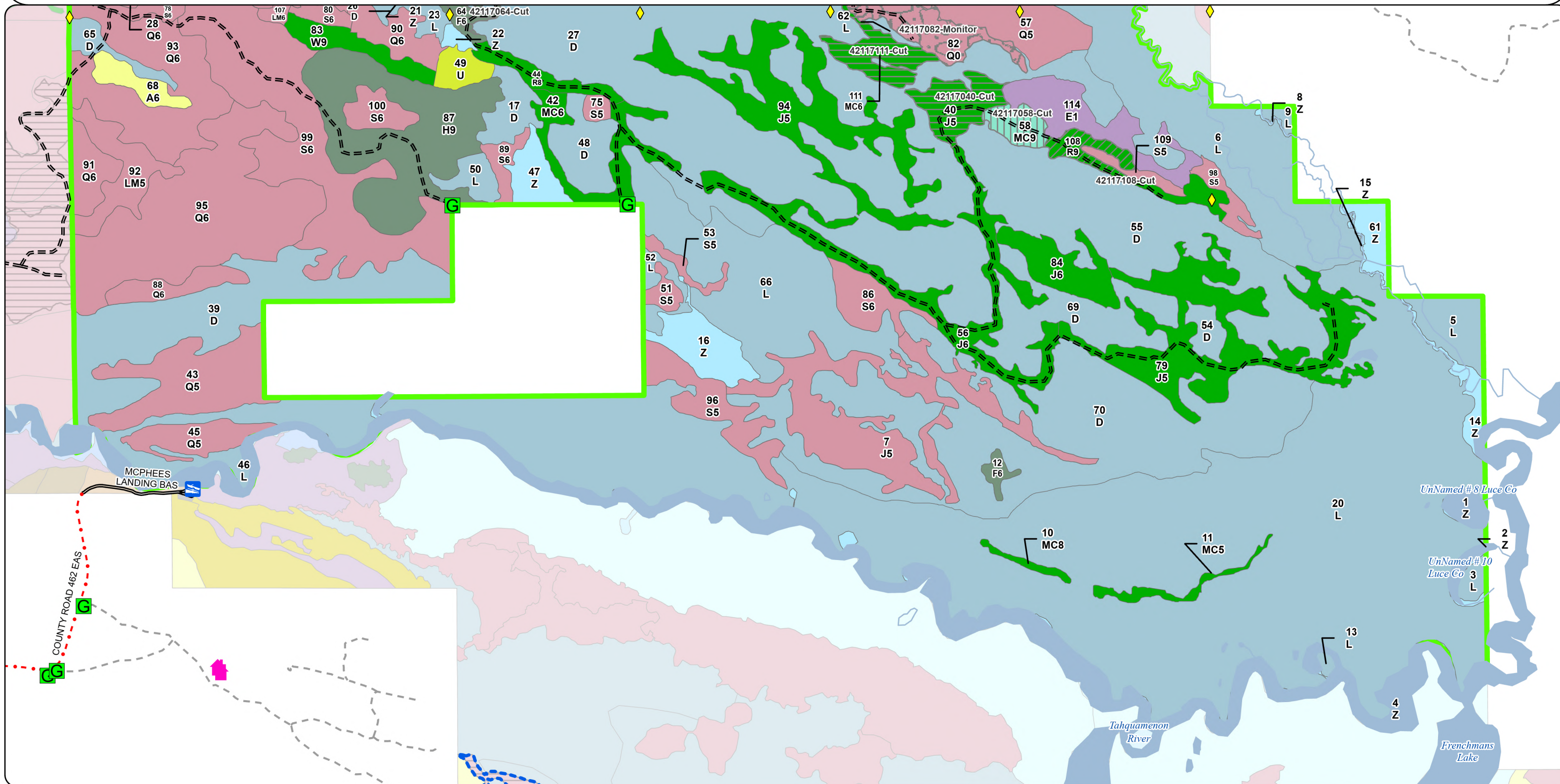
Cover Type & Treatments Map

Compartment: 42117
T46N R09W 03, 10-15, 18, 22-24
County: Luce
Unit: Newberry
Mgmt. Area: Seney Lake Plain
YOE: 2027
Acres: 4,030 GIS Calculated
Examiner: Nicholas Wheeler
Date Exported: 08/19/2025
Map Phase: Web Post












0 0.5 1 Miles

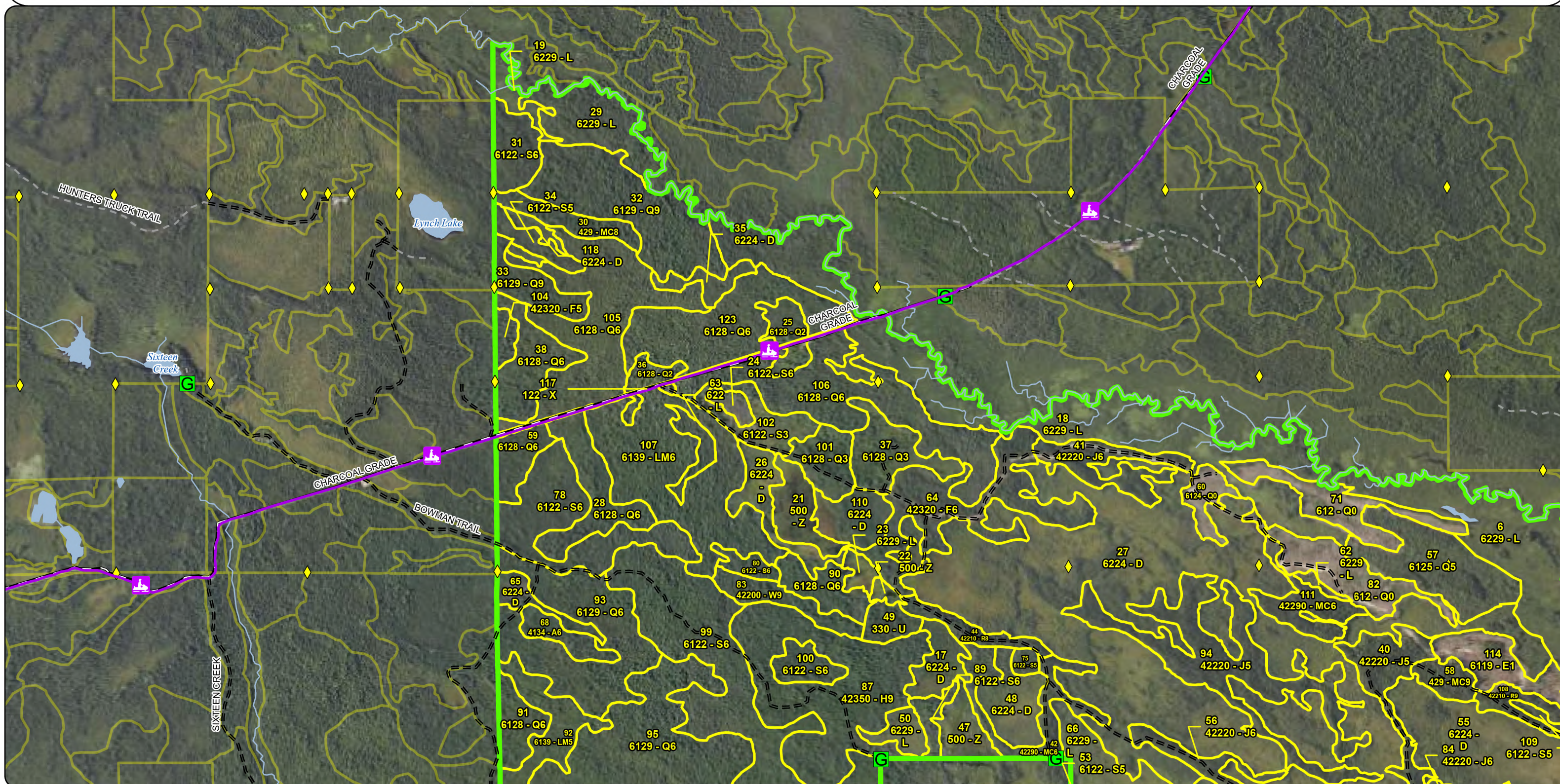
- | | | | |
|------------------------------|------------------------------|---------------------------------|---------------------------------|
| Survey Grade Corners | County - Gravel Road | Shelterwood | 429 - Mixed Upland Conifers |
| Structure, Seasonal Dwelling | Private - Dirt / Gravel Road | Thinning | 500 - Water |
| Gate | Perennial River | Monitoring - Regeneration | 611 - Lowland Deciduous Forest |
| Boating Access Site | Lakes and Rivers | Treatments with Site Conditions | 612 - Lowland Coniferous Forest |
| DNR - Secondary Forest Road | Counties | 413 - Aspen | 613 - Lowland Mixed Forest |
| DNR - Forest Access Route | Compartment Boundary | 422 - Natural Pines | 330 - Low Density Trees |
| | Clearcut | 423 - Other Upland Conifers | 622 - Lowland Shrub |

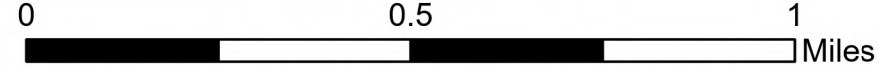


A horizontal scale bar with a black background. It has white tick marks at 0, 0.5, and 1. The word "Miles" is written in white at the right end of the bar.

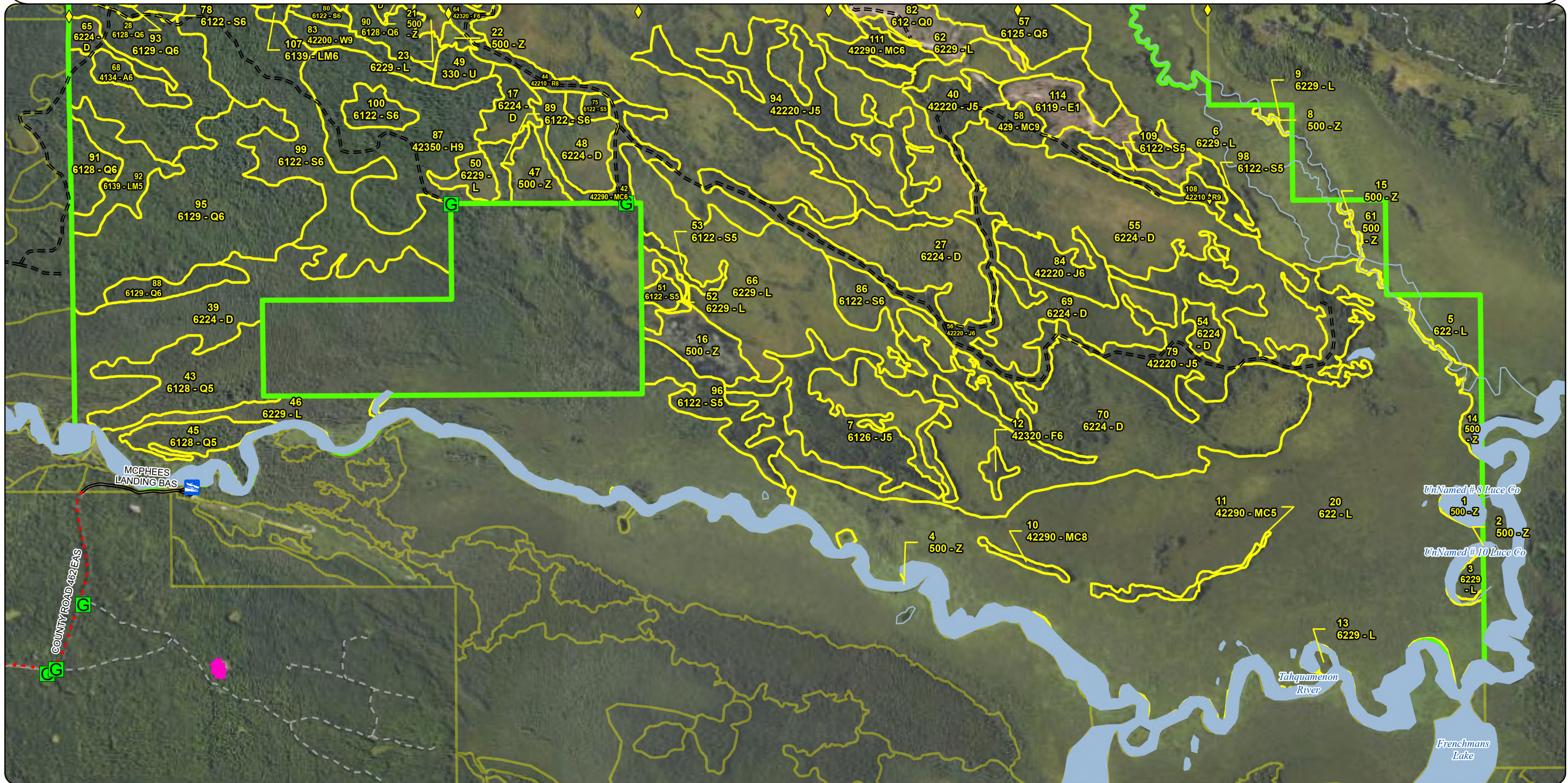
- | | | | |
|---|------------------------------|--|------------------------------|
|  | Survey Grade Corners |  | Private - Dirt / Gravel Road |
|  | Gate |  | Intermittent Stream |
| | Designated Snowmobile Trails | | Perennial River |
|  | DNR - Primary Forest Road |  | Lakes and Rivers |
|  | DNR - Forest Access Route |  | Counties |
| | |  | Compartment Boundary |

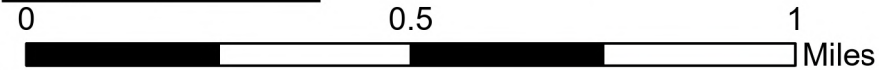
- | | |
|--------------------------------|---------------------------------|
| 413 - Aspen | 612 - Lowland Coniferous Forest |
| 422 - Natural Pines | 613 - Lowland Mixed Forest |
| 423 - Other Upland Conifers | 122 - Road/Parking Lot |
| 429 - Mixed Upland Conifers | 330 - Low Density Trees |
| 500 - Water | 622 - Lowland Shrub |
| 611 - Lowland Deciduous Forest | |

















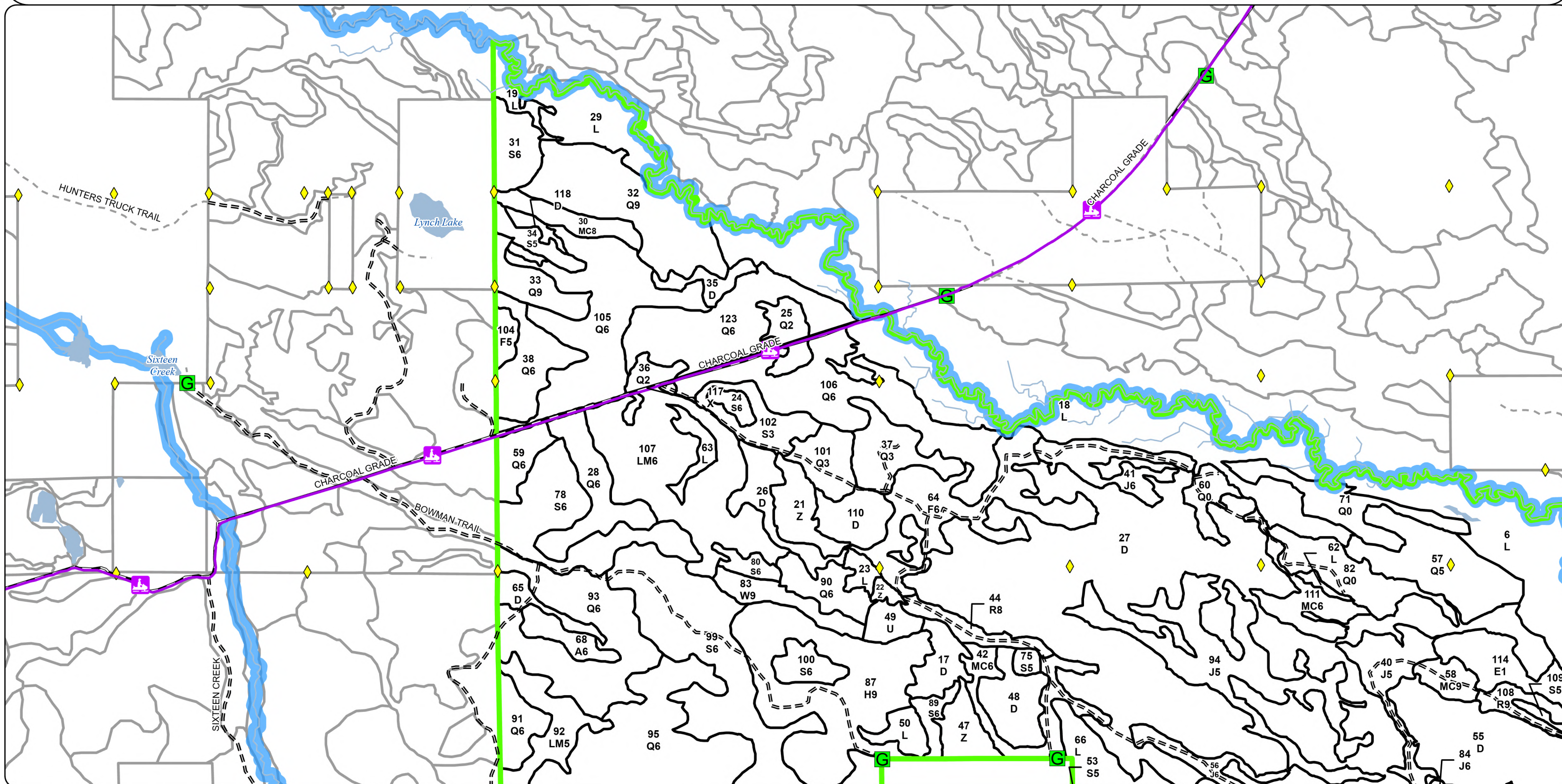


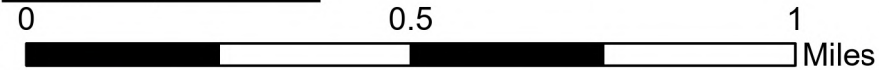
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
- 622 - Lowland Shrub



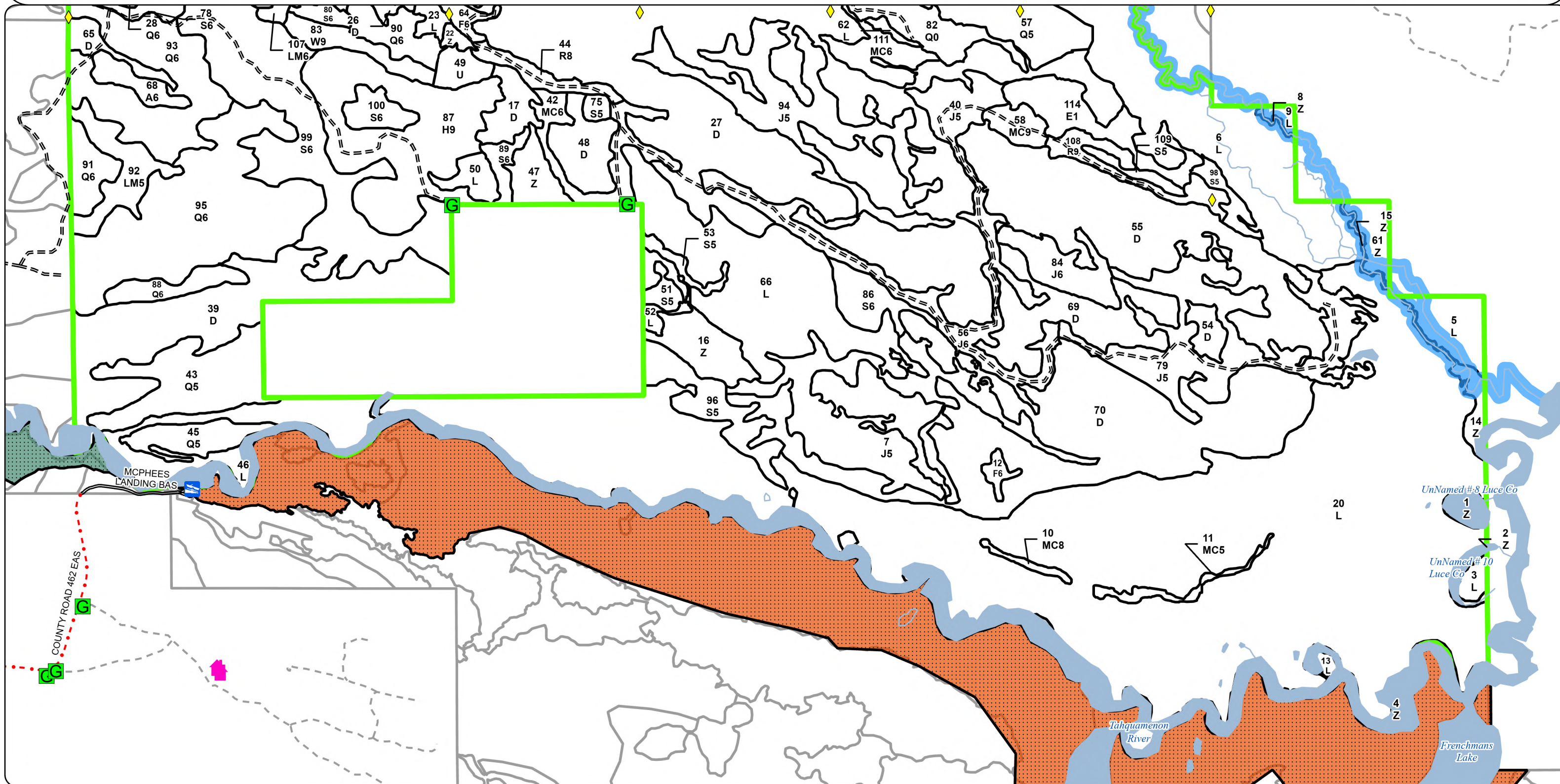


-  Survey Grade Corners
  DNR - Forest Access Route
  Counties
 Gate
  Private - Dirt / Gravel Road
 Compartment Boundary
 Designated Snowmobile Trails
 Intermittent Stream
 Stand Boundaries
 DNR - Primary Forest Road
 Perennial River
 Cold Water Streams
 Lakes and Rivers
 High Priority Trout Stream Buffer





- | | | | | | |
|---|------------------------------|---|------------------------------|---|-----------------------------------|
|  | Survey Grade Corners |  | County - Gravel Road |  | SCA |
|  | Structure, Seasonal Dwelling |  | Private - Dirt / Gravel Road |  | Cold Water Streams |
|  | Gate |  | Perennial River |  | High Priority Trout Stream Buffer |
|  | Boating Access Site |  | Lakes and Rivers |  | Vernal Pool |
| | |  | Counties |  | Other Habitat Area |
|  | DNR - Secondary Forest Road |  | Compartment Boundary | | |
|  | DNR - Forest Access Route |  | Stand Boundaries | | |



Report 1 – Total Acres by Cover Type and Age Class

Newberry Mgt. Unit

Compartment 117 Year of Entry 2027

Nicholas Wheeler: 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	84
Jack Pine	0	0	0	0	0	98	222	0	0	0	0	0	0	0	0	0	0	0	320
Low-Density Trees	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Lowland Conifers	59	0	41	0	0	0	0	0	0	0	0	0	15	0	0	0	0	626	741
Lowland Deciduous	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99	99
Lowland Shrub	1217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1217
Lowland Spruce/Fir	0	0	17	0	0	7	0	5	0	31	12	0	0	0	0	0	0	209	280
Natural Mixed Pines	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	31	49
Red Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26
Treed Bog	942	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	942
Upland Conifers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
Upland Spruce/Fir	0	0	0	0	0	5	0	0	0	53	4	0	0	0	0	0	0	0	62
Urban	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Water	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127
White Pine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14
Total	2357	28	58	0	0	110	240	5	0	84	16	0	15	0	0	0	0	1121	4033

Report 2 – Treatment Summary

Newberry Mgt. Unit
Year of Entry: 2027

Acres of Harvest

Compartment 117
Total Compartment Acres: 4,030

Commercial Harvest - 1594
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	Oversory Removal	Salvage	Other	Total Acres
Jack Pine	34	0	0	0	0	0	0	0	0	34
Natural Mixed Pines	17	0	0	0	0	0	0	0	0	17
Red Pine	0	0	0	0	0	9	0	0	0	9
Upland Conifers	0	0	0	0	9	0	0	0	0	9
Upland Spruce/Fir	51	0	0	0	0	0	0	0	0	51
Total	101	0	0	0	9	9	0	0	0	119

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	119	0	0	0	0	0	54	0	0	173
Next Step	0	304	608	119	0	0	464	0	0	1495
Total	119	304	608	119	0	0	519	0	0	1668

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

Proposed Treatments:

40	42117040-Cut	17.4	42220 - Natural Jack Pine	5	51	51-80	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut leaving edge retention in wetter areas. <u>Specs:</u> <u>Next Step</u> SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Trenched Plant; Planting, Treatments: Unfurrowed; Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Trenched Supplemental Plant; Plan <u>Acceptable</u> Jack Pine and other species currently on site. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
41	42117041-Cut	16.5	42220 - Natural Jack Pine	6	57	81-110	Harvest	Clearcut	4222 - Natural Jack Pine	Planting Record	No
<u>Prescription</u> Clearcut leaving retention in wetter areas. Keep sale boundary on drier ground so sale can be cut anytime of the year. Stand might get smaller due to wet ground. Leave one larger Red and White Pine per acre and one spruce or birch per two acres for see <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; SitePrep, Scarification; Planting, Trenched Plant; Planting, Unfurrowed; Monitoring, Natural Regen Treatments: (Intermediate); Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Interplant; Planting, Trenched Su <u>Acceptable</u> Jack Pine and a mix of species currently on site. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
58	42117058-Cut	8.7	429 - Mixed Upland Conifers	9	94	81-110	Harvest	Shelterwood	429 - Mixed Upland Conifers	Cutting Record	No
<u>Prescription</u> Cut all species leaving 30-40 BA of red and white pine. Leave an aspen or paper birch every 2 acres. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Red and white pine and other species currently on site. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											
64	42117064-Cut	50.5	42320 - Upland Spruce	6	80	81-110	Harvest	Clearcut	429 - Mixed Upland Conifers	Planting Record	No
<u>Prescription</u> Clearcut leaving retention along beaver pond in stands 23 and 22 and 100ft from Auger Creek. Keep sale boundary on drier ground so sale can be cut anytime of the year. Stand might get smaller due to wet ground. Leave one larger Red or White Pine per acr <u>Specs:</u> <u>Next Step</u> SitePrep, Trenching; SitePrep, Scarification; Planting, Trenched Plant; Planting, Unfurrowed; Monitoring, Natural Regen Treatments: (Intermediate); Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Interplant; Planting, Trenched Su <u>Acceptable</u> Black Spruce, Jack Pine and other species currently on site. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026											

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
71 42117071-Monitor	19.4	612 - Lowland Coniferous Forest	0	3	Unspecified	Monitoring	Monitoring - Regeneration	6122 - Black Spruce	Planting Record	No
<u>Prescription</u> Lowland conifer species are all acceptable regeneration. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Lowland conifer species are all acceptable regeneration. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
82 42117082-Monitor	25.5	612 - Lowland Coniferous Forest	0	3	Unspecified	Monitoring	Monitoring - Regeneration	6122 - Black Spruce	Planting Record	No
<u>Prescription</u> Lowland conifer species are all acceptable regeneration. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Lowland conifer species are all acceptable regeneration. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
108 42117108-Cut	9.0	42210 - Natural Red Pine	9	100	111-140	Harvest	Thinning	4221 - Natural Red Pine	Current	No
<u>Prescription</u> Cut all species leaving 80-100 BA of red and white pine. Follow natural pine guidance. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
111 42117111-Cut	17.0	42290 - Natural Mixed Pine	6	56	81-110	Harvest	Clearcut	42290 - Natural Mixed Pine	Planting Record	No
<u>Prescription</u> Clearcut leaving edge retention. Stand might get smaller due to wet ground. Leave white pine and a few aspen or birch. <u>Specs:</u> <u>Next Step</u> Seeding, Machine Seed; SitePrep, Scarification; Monitoring, Natural Regen (Intermediate); SitePrep, Trenching; Planting, Trenched <u>Treatments:</u> Plant; Planting, Unfurrowed; Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Trenched S <u>Acceptable</u> Jack pine and species currently on site. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

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
60 42117113-Monitor	9.2	6124 - Lowland Spruce-Fir	0	3	Unspecified	Monitoring	Monitoring - Regeneration	6122 - Black Spruce	Planting Record	No
<u>Prescription</u> Monitor for adequate regeneration. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> Lowland conifers are all acceptable regeneration in this stand. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Total Treatment
Acreage Proposed: 173.2

Report 4 – Site Conditions



Newberry Mgt. Unit
Nicholas Wheeler: Examiner

Compartment: 117
Year of Entry: 2027

Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions						
Acres	Available	With Condition	Not Available		2E	2I	2G	2H	3J	5E
10	10	0	0	Aspen						
84	84	0	0	Hemlock						
320	320	0	0	Jack Pine						
8	8	0	0	Low-Density Trees						
718	587	56	75	Lowland Conifers	56		12	60	2	
28	28	0	0	Lowland Deciduous						
99	99	0	0	Lowland Mixed Forest						
1217	1217	0	0	Lowland Shrub						
280	257	24	0	Lowland Spruce/Fir	24					
49	18	22	9	Natural Mixed Pines		22		9		
26	26	0	0	Red Pine						
942	942	0	0	Treed Bog						
21	9	12	0	Upland Conifers	12					
11	5	0	6	Upland Spruce/Fir				4		3
4	4	0	0	Urban						
127	127	0	0	Water						
14	14	0	0	White Pine						
3,957	3,753	114	90	Total Forested Acres	92	22	12	73	2	3
	95%	3%	2%	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		2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	44	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Very difficult stand to access having to cross multiple lowlands and fluctuating water levels from Tahquamenon River.								

Report 4 – Site Conditions



Newberry Mgt. Unit
Nicholas Wheeler: Examiner

Compartment: 117
Year of Entry: 2027

2	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Very difficult stand to access having to cross multiple lowlands and fluctuating water levels from the Tahquamenon River.							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Available	2E: Road needed	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments: About half mile of road needed to be built through difficult lower ground that would cost more than the value of the timber.							

Report 4 – Site Conditions



Newberry Mgt. Unit
Nicholas Wheeler: Examiner

Compartment: 117
Year of Entry: 2027

8	Available	2E: Road needed	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low wet ground needs to be harvested in winter or extremely dry summer. Will need a new road to access stand.							
9	Available	2E: Road needed	56	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low wet ground, will need to be cut in winter or extremely dry summer. A new road will be needed to access the stand.							
10	Available	2E: Road needed	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Low wet ground, will have to be cut in winter or extremely dry summer. A new road will be needed to access the stand.							
11	Available	2I: Survey needed	22	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Survey needed for private along the South.							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	3	Unspecified	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	500 - Water	None	5.6			No					
2	500 - Water	None	3.4			No					
3	6229 - Mixed Lowland Shrub	None	4.3			No					
4	500 - Water	None	46.8			No	Tahquamenon River				
5	622 - Lowland Shrub	None	17.9			No					
6	6229 - Mixed Lowland Shrub	None	146.3			No	There are portions of this stand that Auger Creek flows through but the crick is to small to be mapped with the the oxbows and small tributaries that go in and out of the stand.				
7	6126 - Lowland Jack Pine	Poletimber Medium	71.1	50	111-140	N/A	Stand was part of sale #006-70. Part of the stand that was cur looks like it was treed bog. Small diameter, low value timber throughout the stand. A little bigger and better quality to the north and east in stand.				
8	500 - Water	None	0.8			No	Auger Creek				
9	6229 - Mixed Lowland Shrub	None	2.5			No					
10	42290 - Natural Mixed Pine	Sawtimber Medium	2.9	104	81-110	N/A	Stand is an island in the middle of the marsh. Mainly Red Pine with Jack Pine and black spruce along the wetter edges. Previous inventory indicated POG potential in this stand. Recommend removal of POG status. Jack pine is starting to die out mainly the west end where its lower ground.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black Spruce		20	Seedling	6	50	Black Spruce		Low	Variable	Variable	
Jack Pine		25		10	104						
Red Pine		55		16	104						
11	42290 - Natural Mixed Pine	Poletimber Medium	6.0	104	81-110	N/A	Stand is an island in the middle of the marsh with good timber but inaccessible. Mainly Red Pine and Jack Pine that are starting to age out. Black Spruce along the wetter edges. Previous inventory indicated POG potential in this stand. Recommend removal of POG status.				
Canopy Species		% Cover	Size Class	DBH	Age						
Black Spruce		6	Seedling	6	50						
Jack Pine		46		10	104						
Red Pine		48		14	104						
12	42320 - Upland Spruce	Poletimber Well	3.5	90	81-110	N/A	Small stand of Black Spruce and Jack Pine out in the middle of the marsh making access very difficult.				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size	
Black Spruce		65	Seedling	7	90	Black Spruce		Low	Variable	Variable	
Jack Pine		35	Seedling	9							

Stand	Level 4 Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments		
13	6229 - Mixed Lowland Shrub		None		1.7			No	Island of shrubs and sedge grasses surrounded by old Tahquamenon River oxbow.		
14	500 - Water		None		8.7			No			
15	500 - Water		None		1.6			No	Auger Creek		
16	500 - Water		None		20.1			No			
17	6224 - Treed Bog		None		12.8			No			
18	6229 - Mixed Lowland Shrub		None		129.3			No	There are portions of this stand that Auger Creek flows through but too small to be mapped with the oxbows and small tributaries that go in and out. Few small patches of trees.		
19	6229 - Mixed Lowland Shrub		None		8.0			No			
20	622 - Lowland Shrub		None		705.7			No			
21	500 - Water		None		15.5			No			
22	500 - Water		None		2.4			No			
23	6229 - Mixed Lowland Shrub		None		4.6			No			
24	6122 - Black Spruce		Poletimber Well		4.4	97	1-50	N/A	Stand was left after surrounding stand was harvested in 2009. Stand consists of mainly black spruce which is small in diameter.		
Canopy Species			% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine			3		14	97	Red Maple		Low	Variable	Variable
Black Spruce			97	Sapling	5	97	White Pine		Low	< 5 feet	< 5 feet
							Leatherleaf		Low	5 - 10 feet	5 - 10 feet

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																																				
25	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	11.1	10	1-50	N/A	Same timber sale as stand 36. Larger white pine and stand is regenerated. Stand is wet. Sale #-018-07-01. Finished 12/07/2009																																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>32</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>White Pine</td><td>20</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>16</td><td>100</td></tr><tr><td>Northern White Cedar</td><td>3</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>Red Maple</td><td>15</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>Paper Birch</td><td>10</td><td>Log</td><td>1</td><td>10</td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	32	Log	1	10	White Pine	20	Log	1	10	White Pine	10		16	100	Northern White Cedar	3	Log	1	10	Red Maple	15	Log	1	10	Balsam Fir	5	Log	1	10	Paper Birch	10	Log	1	10	Jack Pine	5	Log	2		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Paper Birch</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	< 5 feet	< 5 feet	Black Spruce	Low	< 5 feet	< 5 feet	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	White Pine	Low	< 5 feet	< 5 feet	White Pine	Low	>20 feet	>20 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Black Spruce	32	Log	1	10																																																																							
White Pine	20	Log	1	10																																																																							
White Pine	10		16	100																																																																							
Northern White Cedar	3	Log	1	10																																																																							
Red Maple	15	Log	1	10																																																																							
Balsam Fir	5	Log	1	10																																																																							
Paper Birch	10	Log	1	10																																																																							
Jack Pine	5	Log	2																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Paper Birch	Low	< 5 feet	< 5 feet																																																																								
Black Spruce	Low	< 5 feet	< 5 feet																																																																								
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																																																								
White Pine	Low	< 5 feet	< 5 feet																																																																								
White Pine	Low	>20 feet	>20 feet																																																																								
26	6224 - Treed Bog	None	16.0			No	Stand is wet with scattered pockets of cedar, white pine, black spruce.																																																																				
27	6224 - Treed Bog	None	383.2			No																																																																					
28	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	25.6	57	81-110	N/A	Very diverse stand with a mix of everything. There is some log white and red pine scattered throughout the stand. Upland runs down the center of most the stand.																																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black Spruce</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>11</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Hemlock</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td>Seedling</td><td>6</td><td>57</td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>16</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Paper Birch	10	Seedling	7		Black Spruce	20	Seedling	6		Balsam Fir	15	Sapling	5		White Pine	5		11		Northern White Cedar	10	Seedling	8		Hemlock	5		14		Red Maple	10	Sapling	7		Bigtooth Aspen	20	Seedling	6	57	Red Pine	5		16		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet	Red Maple	Low	Variable	Variable			
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Paper Birch	10	Seedling	7																																																																								
Black Spruce	20	Seedling	6																																																																								
Balsam Fir	15	Sapling	5																																																																								
White Pine	5		11																																																																								
Northern White Cedar	10	Seedling	8																																																																								
Hemlock	5		14																																																																								
Red Maple	10	Sapling	7																																																																								
Bigtooth Aspen	20	Seedling	6	57																																																																							
Red Pine	5		16																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																																																								
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																																																								
Red Maple	Low	Variable	Variable																																																																								
29	6229 - Mixed Lowland Shrub	None	29.2			No	There are low amount of trees surrounded by water and bordered by Auger creek to the north. Small diameter timber with low value and very wet ground.																																																																				
30	429 - Mixed Upland Conifers	Sawtimber Medium	12.8	104	51-80	N/A	Stand is difficult to access due to low ground. Mainly consists of white pine and spruce. Most of the stand is a upland ridge 20 feet above the swamp.																																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>20</td><td></td><td>10</td><td>51</td></tr><tr><td>White Pine</td><td>55</td><td></td><td>20</td><td>104</td></tr><tr><td>Northern White Cedar</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td></td><td>10</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	20		10	51	White Pine	55		20	104	Northern White Cedar	15		10		Balsam Fir	5	Seedling	6		Red Maple	5		10		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable																															
Canopy Species	% Cover	Size Class	DBH	Age																																																																							
Black Spruce	20		10	51																																																																							
White Pine	55		20	104																																																																							
Northern White Cedar	15		10																																																																								
Balsam Fir	5	Seedling	6																																																																								
Red Maple	5		10																																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																																								
Balsam Fir	Medium	Variable	Variable																																																																								

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
31	6122 - Black Spruce	Poletimber Well	15.4	89	111-140	N/A	Black Spruce stand with a component of small amount of Tamarack, White Pine and some Jack Pine scattered throughout. Stand is wet and access is difficult.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>85</td><td>Seedling</td><td>7</td><td>89</td></tr><tr><td>Jack Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>Tamarack</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Black Spruce	85	Seedling	7	89	Jack Pine	5		12		Tamarack	5	Seedling	8		White Pine	5		14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	Red Maple	Low	< 5 feet	< 5 feet						
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black Spruce	85	Seedling	7	89																																													
Jack Pine	5		12																																														
Tamarack	5	Seedling	8																																														
White Pine	5		14																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Low	Variable	Variable																																														
Red Maple	Low	< 5 feet	< 5 feet																																														
32	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	56.4	97	81-110	N/A	Stand is a mix of species mainly white pine and black spruce. There is a 15 foot tall ridge along the southend. Stand is wet and would be difficult to access.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>40</td><td></td><td>14</td><td>97</td></tr><tr><td>Northern White Cedar</td><td>20</td><td></td><td>10</td><td></td></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>30</td><td>Seedling</td><td>8</td><td>61</td></tr><tr><td>Paper Birch</td><td>3</td><td></td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>2</td><td>Seedling</td><td>6</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	White Pine	40		14	97	Northern White Cedar	20		10		Red Maple	5	Seedling	8		Black Spruce	30	Seedling	8	61	Paper Birch	3		10		Balsam Fir	2	Seedling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																													
White Pine	40		14	97																																													
Northern White Cedar	20		10																																														
Red Maple	5	Seedling	8																																														
Black Spruce	30	Seedling	8	61																																													
Paper Birch	3		10																																														
Balsam Fir	2	Seedling	6																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	High	Variable	Variable																																														
33	6129 - Mixed Coniferous Lowland Forest	Sawtimber Well	14.6	115	81-110	N/A	Stand is low and wet with private to the west. Mix of lowland conifers. Some larger hemlock, cedar and white pine in the stand. Possibly old road running through stand on east end. Bordered by low wet stand to the north. Best access would be from the south.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>15</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Northern White Cedar</td><td>35</td><td></td><td>11</td><td>115</td></tr><tr><td>Hemlock</td><td>10</td><td></td><td>13</td><td></td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	Black Spruce	15	Seedling	9		White Pine	15		14		Red Maple	15		10		Balsam Fir	10	Seedling	5		Northern White Cedar	35		11	115	Hemlock	10		13		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black Spruce	15	Seedling	9																																														
White Pine	15		14																																														
Red Maple	15		10																																														
Balsam Fir	10	Seedling	5																																														
Northern White Cedar	35		11	115																																													
Hemlock	10		13																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Balsam Fir	Medium	5 - 10 feet	5 - 10 feet																																														
34	6122 - Black Spruce	Poletimber Medium	8.1	97	51-80	N/A	Small stand of black spruce with some small amounts of cedar and larger diameter white pine on the higher ground. Stand is very wet with small islands a few feet higher and is difficult to access.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>6</td><td></td><td>18</td><td></td></tr><tr><td>Northern White Cedar</td><td>22</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Black Spruce</td><td>72</td><td>Seedling</td><td>8</td><td>97</td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	White Pine	6		18		Northern White Cedar	22	Seedling	9		Black Spruce	72	Seedling	8	97	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>			Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable															
Canopy Species	% Cover	Size Class	DBH	Age																																													
White Pine	6		18																																														
Northern White Cedar	22	Seedling	9																																														
Black Spruce	72	Seedling	8	97																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Black Spruce	Low	Variable	Variable																																														
35	6224 - Treed Bog	None	7.7			No	Treed bog, very wet.																																										
36	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Medium	7.6	16	1-50	N/A	Stand was previously cut. Saplings are coming in with large over story white pine that were left. Ground is wet. Sale #018-07-01. Finished 12/07/2009																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>13</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Black Spruce</td><td>20</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Paper Birch</td><td>7</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Maple</td><td>22</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>White Pine</td><td>18</td><td></td><td>14</td><td>96</td></tr></table>			Canopy Species	% Cover	Size Class	DBH		Age	White Pine	13	Log	2	16	Black Spruce	20	Log	2	16	Balsam Fir	15	Log	2	16	Paper Birch	7	Log	2	16	Red Maple	22	Log	2	16	White Pine	18		14	96											
Canopy Species	% Cover	Size Class	DBH	Age																																													
White Pine	13	Log	2	16																																													
Black Spruce	20	Log	2	16																																													
Balsam Fir	15	Log	2	16																																													
Paper Birch	7	Log	2	16																																													
Red Maple	22	Log	2	16																																													
White Pine	18		14	96																																													

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
37	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	21.7	16	1-50	N/A	Stand was cut as part of sale #018-07-01. Hemlock, white pine, and cedar were left.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>18</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Pine</td><td>6</td><td></td><td>16</td><td>93</td></tr><tr><td>White Pine</td><td>15</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Pine</td><td>7</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>16</td><td>93</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Paper Birch</td><td>7</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>Red Maple</td><td>11</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>Quaking Aspen</td><td>16</td><td>Log</td><td>2</td><td>16</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	18	Log	2	16	Red Pine	6		16	93	White Pine	15	Log	2	16	Red Pine	7	Log	2	16	White Pine	5		16	93	Balsam Fir	15	Log	2	16	Paper Birch	7	Log	1	16	Red Maple	11	Log	1	16	Quaking Aspen	16	Log	2	16						
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Black Spruce	18	Log	2	16																																																											
Red Pine	6		16	93																																																											
White Pine	15	Log	2	16																																																											
Red Pine	7	Log	2	16																																																											
White Pine	5		16	93																																																											
Balsam Fir	15	Log	2	16																																																											
Paper Birch	7	Log	1	16																																																											
Red Maple	11	Log	1	16																																																											
Quaking Aspen	16	Log	2	16																																																											
38	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	23.0	96	81-110	N/A	Another stand with a wide variety of species. Stand is wet making access hard. Some nicer white pine and maple in small patches throughout stand. Possibly cut in the 50's or 60's.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>15</td><td></td><td>12</td><td></td></tr><tr><td>Black Ash</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Quaking Aspen</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>15</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Black Spruce</td><td>30</td><td>Seedling</td><td>7</td><td>96</td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Leatherleaf</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	15		12		Black Ash	5	Sapling	5		Paper Birch	10	Seedling	8		Red Maple	15	Seedling	8		Quaking Aspen	10	Seedling	7		Northern White Cedar	15	Seedling	9		Black Spruce	30	Seedling	7	96	Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	Low	< 5 feet	< 5 feet	Black Spruce	Low	5 - 10 feet	5 - 10 feet	Tag Alder	Low	5 - 10 feet	5 - 10 feet
Canopy Species	% Cover	Size Class	DBH	Age																																																											
White Pine	15		12																																																												
Black Ash	5	Sapling	5																																																												
Paper Birch	10	Seedling	8																																																												
Red Maple	15	Seedling	8																																																												
Quaking Aspen	10	Seedling	7																																																												
Northern White Cedar	15	Seedling	9																																																												
Black Spruce	30	Seedling	7	96																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Leatherleaf	Low	< 5 feet	< 5 feet																																																												
Black Spruce	Low	5 - 10 feet	5 - 10 feet																																																												
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																																												
39	6224 - Treed Bog	None	93.2			No	This stand is a treed bog with some thicker areas of timber. Extremely wet throughout entire stand.																																																								
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Medium	Variable	Variable																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Spruce	Medium	Variable	Variable																																																												
40	42220 - Natural Jack Pine	Poletimber Medium	29.4	51	51-80	N/A	Mainly Jack pine with some spruce mostly on the edges of the ridge. Old road bed runs the center of the stand. About 100 yard section of road gets very wet. Main portion of the stand appeared to be lower and wetter than ridge that runs to the south.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>85</td><td>Seedling</td><td>9</td><td>51</td></tr><tr><td>Black Spruce</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	85	Seedling	9	51	Black Spruce	15	Seedling	7		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Jack Pine	85	Seedling	9	51																																																											
Black Spruce	15	Seedling	7																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Black Spruce	Low	Variable	Variable																																																												
41	42220 - Natural Jack Pine	Poletimber Well	20.6	57	81-110	N/A	Jack pine ridges with some scattered white pine on the high ground and spruce where the ridges drop off into the low ground. Stand was part of sale # 054-67A. Jack Pine is decent quality but the spruce is smaller. More spruce in the southern finger of the stand.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Jack Pine</td><td>75</td><td>Seedling</td><td>8</td><td>57</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>15</td><td>Sapling</td><td>5</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	75	Seedling	8	57	White Pine	5		14		Paper Birch	5	Sapling	6		Black Spruce	15	Sapling	5		Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	Variable	Variable	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Low	Variable	Variable	Black Spruce	Low	5 - 10 feet	5 - 10 feet											
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Jack Pine	75	Seedling	8	57																																																											
White Pine	5		14																																																												
Paper Birch	5	Sapling	6																																																												
Black Spruce	15	Sapling	5																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Jack Pine	Medium	Variable	Variable																																																												
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																																												
Balsam Fir	Low	Variable	Variable																																																												
Black Spruce	Low	5 - 10 feet	5 - 10 feet																																																												

Stand	Level 4 Cover Type	Size	Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
42	42290 - Natural Mixed Pine	Poletimber	Well	22.0	55	51-80	N/A	Jack pine and spruce mix in this stand, with some red and white pine scattered throughout. Lower wet ground has more spruce types. Part of sale #002-70. A few Older canopy red and white pine.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>7</td><td></td><td>14</td><td></td></tr><tr><td>Black Spruce</td><td>25</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Jack Pine</td><td>58</td><td>Seedling</td><td>9</td><td>55</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>14</td><td>97</td></tr></table>				Canopy Species	% Cover	Size Class	DBH		Age	Red Pine	7		14		Black Spruce	25	Seedling	7		Jack Pine	58	Seedling	9	55	White Pine	10		14	97	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable									
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Pine	7		14																																															
Black Spruce	25	Seedling	7																																															
Jack Pine	58	Seedling	9	55																																														
White Pine	10		14	97																																														
Sub-Canopy Species	Density	Avg. Height	Size																																															
Black Spruce	Low	Variable	Variable																																															
43	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber	Medium	44.3	122	81-110	N/A	Stand was inaccessible due to it being across a wet marshy area. Stand is isolated but looking at air photos its mostly spruce and cedar with some larger white pine. Appears to have higher ground on the southern edge of the stand with more hardwoods. Borders private property to the east.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>25</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>35</td><td>Seedling</td><td>6</td><td>122</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH		Age	Paper Birch	10	Seedling	7		Northern White Cedar	25	Seedling	8		Black Spruce	35	Seedling	6	122	White Pine	15		14							<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	Black Spruce	Medium	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																														
Paper Birch	10	Seedling	7																																															
Northern White Cedar	25	Seedling	8																																															
Black Spruce	35	Seedling	6	122																																														
White Pine	15		14																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Red Maple	Low	Variable	Variable																																															
Black Spruce	Medium	Variable	Variable																																															
44	42210 - Natural Red Pine	Sawtimber	Medium	10.0	97	51-80	N/A	Stand had jack pine removed as part of sale #002-70. Mostly red and white pine with some jack pine and black spruce.																																										
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>60</td><td></td><td>15</td><td>97</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Seedling</td><td>5</td><td>55</td></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>6</td><td></td></tr></table>				Canopy Species	% Cover	Size Class	DBH		Age	Red Pine	60		15	97	White Pine	15		14		Jack Pine	15	Seedling	5	55	Black Spruce	10	Seedling	6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Medium</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Medium	10 - 20 feet	10 - 20 feet	Balsam Fir	Low	Variable	Variable					
Canopy Species	% Cover	Size Class	DBH	Age																																														
Red Pine	60		15	97																																														
White Pine	15		14																																															
Jack Pine	15	Seedling	5	55																																														
Black Spruce	10	Seedling	6																																															
Sub-Canopy Species	Density	Avg. Height	Size																																															
Jack Pine	Medium	10 - 20 feet	10 - 20 feet																																															
Balsam Fir	Low	Variable	Variable																																															
45	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber	Medium	16.1	105	81-110	N/A	Stand is near the Tahquamenon River just to the north of the McPhee's Landing boat launch. Stand is isolated and would be very difficult to access. Is surrounded by the flood plain of the river. Stand appears to have some higher ground with larger white pine in the center. Heavier to spruce and cedar on the edges with some mixed species of red maple and paper birch scattered throughout.																																										
46	6229 - Mixed Lowland Shrub		None	40.5			No	Tahquamenon River flood plain. Low density trees mixed with lowland shrubs.																																										
47	500 - Water		None	12.3			No																																											
48	6224 - Treed Bog		None	19.4			No																																											
49	330 - Low-Density Trees		None	8.1			No																																											
50	6229 - Mixed Lowland Shrub		None	8.1			No	Wet low ground stand. Sparse trees throughout mainly black spruce and tamarack.																																										

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
51	6122 - Black Spruce	Poletimber Medium	4.7	117	51-80	N/A	Low density spruce stand with some larger white and red pine on the west half. Very wet throughout the stand with a beaver pond just south.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td></td><td>12</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Black Spruce</td><td>80</td><td>Seedling</td><td>6</td><td>117</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5		12		White Pine	15		14		Black Spruce	80	Seedling	6	117					
Canopy Species	% Cover	Size Class	DBH	Age																												
Red Pine	5		12																													
White Pine	15		14																													
Black Spruce	80	Seedling	6	117																												
52	6229 - Mixed Lowland Shrub	None	7.3			No																										
53	6122 - Black Spruce	Poletimber Medium	4.8	117	1-50	N/A	Low density spruce stand with some larger white and red pine extending into the stand on the private to the west. Very wet throughout the stand. Edge survey using imagery and previous inventory.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>80</td><td>Seedling</td><td>7</td><td>117</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>15</td><td></td></tr><tr><td>Red Pine</td><td>5</td><td></td><td>14</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	80	Seedling	7	117	White Pine	15		15		Red Pine	5		14						
Canopy Species	% Cover	Size Class	DBH	Age																												
Black Spruce	80	Seedling	7	117																												
White Pine	15		15																													
Red Pine	5		14																													
54	6224 - Treed Bog	None	7.0			No																										
55	6224 - Treed Bog	None	121.5			No	Stand has pockets and single trees scattered throughout mainly consisting of black spruce and tamarack with areas of tag alder along the wetter areas. Some standing water in a few places observed when in the field. Some single and small clumps of large white pine on the higher sites in the stand.																									
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tamarack</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Low</td><td>10 - 20 feet</td><td>10 - 20 feet</td></tr><tr><td>Tag Alder</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	Variable	Variable	Black Spruce	Low	10 - 20 feet	10 - 20 feet	Tag Alder	Medium	5 - 10 feet	5 - 10 feet									
Sub-Canopy Species	Density	Avg. Height	Size																													
Tamarack	Low	Variable	Variable																													
Black Spruce	Low	10 - 20 feet	10 - 20 feet																													
Tag Alder	Medium	5 - 10 feet	5 - 10 feet																													
56	42220 - Natural Jack Pine	Poletimber Well	36.8	56	51-80	N/A	Long narrow ridge of jack pine that was part of sale#037-69. There is some spruce and red pine along the lower wet edges after you drop off the ridge. Sparse white pine scattered throughout the stand as well. Road in good shape through stand. Some 11+ inch Jack pine throughout the stand. Two foot wide stream crosses road between stand 79 & 56.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Paper Birch</td><td>4</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Jack Pine</td><td>85</td><td>Seedling</td><td>8</td><td>56</td></tr><tr><td>Red Maple</td><td>2</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>9</td><td>Seedling</td><td>7</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	4	Seedling	7		Jack Pine	85	Seedling	8	56	Red Maple	2	Seedling	6		Black Spruce	9	Seedling	7	
Canopy Species	% Cover	Size Class	DBH	Age																												
Paper Birch	4	Seedling	7																													
Jack Pine	85	Seedling	8	56																												
Red Maple	2	Seedling	6																													
Black Spruce	9	Seedling	7																													
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>							Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable																		
Sub-Canopy Species	Density	Avg. Height	Size																													
Black Spruce	Low	Variable	Variable																													
57	6125 - Lowland Black Spruce, Jack Pine	Poletimber Medium	41.1	96	51-80	N/A	Stand is very wet and would be very difficult to cut being how remote it is. There is spruce, cedar and jack pine mixed together in this stand. There is some nice diameter timber but it has a more open canopy and the basal area is smaller. The under story had a lot of leatherleaf and tag alder as well. Edge survey using previous inventory and imagery.																									
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>25</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Jack Pine</td><td>20</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Black Spruce</td><td>35</td><td>Seedling</td><td>8</td><td>96</td></tr><tr><td>Tamarack</td><td>20</td><td>Seedling</td><td>7</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	25	Seedling	8		Jack Pine	20	Sapling	6		Black Spruce	35	Seedling	8	96	Tamarack	20	Seedling	7	
Canopy Species	% Cover	Size Class	DBH	Age																												
Northern White Cedar	25	Seedling	8																													
Jack Pine	20	Sapling	6																													
Black Spruce	35	Seedling	8	96																												
Tamarack	20	Seedling	7																													
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Labrador Tea</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Leatherleaf</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Tag Alder</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>							Sub-Canopy Species	Density	Avg. Height	Size	Labrador Tea	Low	< 5 feet	< 5 feet	Leatherleaf	Medium	< 5 feet	< 5 feet	Tag Alder	High	Variable	Variable										
Sub-Canopy Species	Density	Avg. Height	Size																													
Labrador Tea	Low	< 5 feet	< 5 feet																													
Leatherleaf	Medium	< 5 feet	< 5 feet																													
Tag Alder	High	Variable	Variable																													

Stand	Level 4 Cover Type	Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments			
58	429 - Mixed Upland Conifers	Sawtimber Well		8.7	94	81-110	N/A	Mixed stand consisting of aspen, pine and spruce. Heavy balsam fir and some spruce in the understory. Like previous inventory stated the aspen is dying out with much dead or blown over and it appears that the stand is converting to more pine. Some red and white pine 20+ inches scattered throughout.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Paper Birch		10	Seedling	8		Balsam Fir			Medium	Variable	Variable
Red Maple		5	Seedling	6		Black Spruce			Medium	Variable	Variable
Balsam Fir		5	Seedling	6							
Quaking Aspen		20	Seedling	9	94						
White Pine		15		14							
Black Spruce		25	Seedling	6	94						
Red Pine		20		16	94						
59	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well		12.0	96	81-110	N/A	Another stand with a wide variety of species. Stand is wet making access hard. Some nicer white pine and maple in small patches throughout stand. Possibly cut in the 50's or 60's. Similar to stand 38 to the north of the Charcoal Grade.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Paper Birch		5	Sapling	6		Balsam Fir			Low	5 - 10 feet	5 - 10 feet
Black Spruce		30	Sapling	6	96	Leatherleaf			Low	5 - 10 feet	5 - 10 feet
Red Maple		15	Seedling	8	51	Northern White Cedar			Medium	Variable	Variable
Northern White Cedar		30	Seedling	8	96	Tag Alder			Low	5 - 10 feet	5 - 10 feet
White Pine		10		12							
60	6124 - Lowland Spruce-Fir	Unspecifed		9.2	3	Unspecified		Stand harvested via Clearcut in winter 2021/22: South Auger Spruce 42-017-17.Black Spruce seedlings starting to fill in along with some Jack Pine and Paper Birch stump sprouts. Needs more time monitor to make sure it becomes fully stocked with seedlings.			
61	500 - Water	None		10.0			No	Auger Creek			
62	6229 - Mixed Lowland Shrub	None		2.0			No	Sliver of non-forested lowland.			
63	622 - Lowland Shrub	None		6.8			No				
64	42320 - Upland Spruce	Poletimber Well		53.4	80	81-110	N/A				
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species			Density	Avg. Height	Size
Jack Pine		10		8	80	Black Spruce			Low	5 - 10 feet	5 - 10 feet
Black Spruce		80	Seedling	8	80						
Red Pine		6		16							
White Pine		4		16							
65	6224 - Treed Bog	None		8.1			No	Wet stand with some timber throughout. Drainage that appears to flow to the east and dry up.			
66	6229 - Mixed Lowland Shrub	None		102.4			No	Scattered trees throughout the stand but it mainly consists of small shrubs.			

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments					
68	4134 - Aspen, Spruce/Fir	Poletimber Well	9.8	48	81-110	N/A	Aspen stand appears to have been cut possibly in 1977. Smaller diameter timber. Aspen is averaging 6-7" now. Some larger scattered white pine in the stand with some spruce and trace amounts of cedar along the wet edges. Understory has some balsam and aspen coming in as well as some low density white pine. Previous inventory suggests stand was possibly part of sale #23-77A looking at ownerships cards. Sizes of the aspen vary as you move through the stand.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size		
Balsam Fir		15	Sapling	5		Balsam Fir		Medium	Variable	Variable		
Quaking Aspen		20	Sapling	6	48	White Pine		Low	Variable	Variable		
Paper Birch		5	Sapling	7								
Bigtooth Aspen		30	Seedling	8	48							
Black Spruce		5	Seedling	6								
White Pine		5		12								
Red Maple		20	Seedling	8								
69	6224 - Treed Bog	None	44.7			No						
70	6224 - Treed Bog	None	207.8			No	Scattered small diameter, low quality trees with lowland shrubs.					
71	612 - Lowland Coniferous Forest	Unspecifed	24.1	3	Unspecified		Stand harvested via Clearcut in winter 2021/22: South Auger Spruce 42-017-17.Black Spruce seedlings starting to fill in along with some Jack Pine and Paper Birch stump sprouts. Needs more time monitor to make sure it becomes fully stocked with seedlings.					
75	6122 - Black Spruce	Poletimber Medium	3.0	55	1-50	N/A	Small spruce stand with thinly mixed red and white pine throughout. Spruce was harvested as part of sale #002-70. Stand had some higher spots but mostly low wet ground.					
Canopy Species		% Cover	Size Class	DBH	Age							
Black Spruce		80	Seedling	5	55							
Red Pine		10		15	97							
Balsam Poplar		3	Sapling	5								
White Pine		7		11								
78	6122 - Black Spruce	Poletimber Well	45.3	97	51-80	N/A	Stand is primarily black spruce with small components of cedar, red maple, red and white pine. Stand is wet. Some Jack pine scattered along the road that go near the stand.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Red Maple		10	Seedling	8	50	Red Maple				Low	5 - 10 feet	5 - 10 feet
White Pine		10		12		Black Spruce				Low	< 5 feet	< 5 feet
Red Pine		3		12								
Northern White Cedar		5	Seedling	8								
Black Spruce		70	Seedling	7	97							
Paper Birch		2	Seedling	8								
79	42220 - Natural Jack Pine	Poletimber Medium	77.6	49	81-110	N/A	Ridges of jack pine that was cut as part of sale #010-74A. Smaller diameter jack pine with some red pine and spruce as you come off the ridge and into the lower wet areas.					
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species				Density	Avg. Height	Size
Black Spruce		13	Seedling	6		Balsam Fir				Low	Variable	Variable
Jack Pine		80	Seedling	7	49	Paper Birch				Low	5 - 10 feet	5 - 10 feet
Red Pine		7		12		Black Spruce				Low	Variable	Variable

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
80	6122 - Black Spruce	Poletimber Well	5.5	91	81-110	N/A	Small stand of spruce and cedar with some mixed white pine. Edge survey using imagery and previous inventory.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>15</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>75</td><td>Seedling</td><td>7</td><td>91</td></tr><tr><td>White Pine</td><td>10</td><td></td><td>14</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	15	Seedling	8		Black Spruce	75	Seedling	7	91	White Pine	10		14											
Canopy Species	% Cover	Size Class	DBH	Age																																	
Northern White Cedar	15	Seedling	8																																		
Black Spruce	75	Seedling	7	91																																	
White Pine	10		14																																		
82	612 - Lowland Coniferous Forest	Unspecified	25.7	3	Unspecified		Stand harvested via Clearcut in winter 2021/22: South Auger Spruce 42-017-17. Some black spruce and jack pine seedlings starting to fill in along with paper birch and red maple stump sprouts. There was a moderate amount of 25 foot tall saplings of paper birch, red maple and black spruce left after the timber sale. Monitor for regeneration.																														
83	42200 - Natural White Pine	Sawtimber Well	13.7	99	81-110	N/A	Stand has some very large white pine log sized timber in it. Long and narrow stand on some high ground. Edges drop off into lower wetter ground where spruce and some cedar is present. Some hemlock present in small pockets. Thick balsam fir understory with some red maple pole timber. Edge survey using 2024 imagery and 2025 inventory.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>75</td><td></td><td>16</td><td>99</td></tr><tr><td>Red Maple</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>5</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	75		16	99	Red Maple	15	Seedling	7		Black Spruce	10	Seedling	5											
Canopy Species	% Cover	Size Class	DBH	Age																																	
White Pine	75		16	99																																	
Red Maple	15	Seedling	7																																		
Black Spruce	10	Seedling	5																																		
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>>20 feet</td><td>>20 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>							Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	>20 feet	Balsam Fir	Medium	Variable	Variable																			
Sub-Canopy Species	Density	Avg. Height	Size																																		
Red Maple	Low	>20 feet	>20 feet																																		
Balsam Fir	Medium	Variable	Variable																																		
84	42220 - Natural Jack Pine	Poletimber Well	19.8	49	51-80	N/A	Stand from previous inventory falls in sale# 024-72A. Stand consists of small diameter jack pine and spruce as you drop off the edges into the wetter areas. Some thinly scattered paper birch and red maple throughout the stand also.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>85</td><td>Seedling</td><td>8</td><td>49</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	15	Seedling	6		Jack Pine	85	Seedling	8	49															
Canopy Species	% Cover	Size Class	DBH	Age																																	
Black Spruce	15	Seedling	6																																		
Jack Pine	85	Seedling	8	49																																	
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Jack Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>							Sub-Canopy Species	Density	Avg. Height	Size	Jack Pine	Low	Variable	Variable	Black Spruce	Low	5 - 10 feet	5 - 10 feet																			
Sub-Canopy Species	Density	Avg. Height	Size																																		
Jack Pine	Low	Variable	Variable																																		
Black Spruce	Low	5 - 10 feet	5 - 10 feet																																		
86	6122 - Black Spruce	Poletimber Well	15.2	88	51-80	N/A	This stand was left after adjacent stand was cut in the 60's. Stand is extremely wet and inaccessible. Small spruce low in value fill the stand. To the south the stand turns into a marshy treed bog.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>100</td><td>Seedling</td><td>5</td><td>88</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	100	Seedling	5	88																				
Canopy Species	% Cover	Size Class	DBH	Age																																	
Black Spruce	100	Seedling	5	88																																	
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Sphagnum Moss</td><td>Medium</td><td>Not Applicable</td><td>Not Applicable</td></tr><tr><td>Black Spruce</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Leatherleaf</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Labrador Tea</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Sub-Canopy Species	Density	Avg. Height	Size	Sphagnum Moss	Medium	Not Applicable	Not Applicable	Black Spruce	Medium	5 - 10 feet	5 - 10 feet	Leatherleaf	Medium	5 - 10 feet	5 - 10 feet	Labrador Tea	Low	5 - 10 feet	5 - 10 feet										
Sub-Canopy Species	Density	Avg. Height	Size																																		
Sphagnum Moss	Medium	Not Applicable	Not Applicable																																		
Black Spruce	Medium	5 - 10 feet	5 - 10 feet																																		
Leatherleaf	Medium	5 - 10 feet	5 - 10 feet																																		
Labrador Tea	Low	5 - 10 feet	5 - 10 feet																																		
87	42350 - Upland Hemlock	Sawtimber Well	84.2	133	111-140	N/A	Stand has large white pine and hemlock in it. Log/Xlog size timber in the stand. Some black spruce and red maple scattered throughout stand. Aged the stand and from the ring count from what could be determined was around 120 years old. Some white pine 40 inches DBH.																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Hemlock</td><td>65</td><td></td><td>16</td><td>133</td></tr><tr><td>Paper Birch</td><td>3</td><td>Sapling</td><td>7</td><td></td></tr><tr><td>Red Maple</td><td>10</td><td></td><td>10</td><td>41</td></tr><tr><td>White Pine</td><td>12</td><td></td><td>24</td><td></td></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Hemlock	65		16	133	Paper Birch	3	Sapling	7		Red Maple	10		10	41	White Pine	12		24		Black Spruce	10	Seedling	7	
Canopy Species	% Cover	Size Class	DBH	Age																																	
Hemlock	65		16	133																																	
Paper Birch	3	Sapling	7																																		
Red Maple	10		10	41																																	
White Pine	12		24																																		
Black Spruce	10	Seedling	7																																		
<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Hemlock</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>							Sub-Canopy Species	Density	Avg. Height	Size	Hemlock	Medium	Variable	Variable	Balsam Fir	Medium	Variable	Variable	Red Maple	Low	Variable	Variable															
Sub-Canopy Species	Density	Avg. Height	Size																																		
Hemlock	Medium	Variable	Variable																																		
Balsam Fir	Medium	Variable	Variable																																		
Red Maple	Low	Variable	Variable																																		

Stand	Level 4 Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments	
88	6129 - Mixed Coniferous Lowland Forest		Poletimber Well		11.8	122	81-110	N/A	Examined from the edge to the north, this stand had standing water and was to difficult to access completely. Looking at it from the edge the stand has mainly black spruce with red maple mixed in. Some larger white pine and heavier cedar pockets in the lower areas. Stand would be nearly impossible to access to cut due to being so wet.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
	Balsam Fir	10	Seedling	6		Balsam Fir	Medium	Variable		Variable
	Northern White Cedar	30	Seedling	8	122	Black Spruce	Medium	Variable		Variable
	Black Spruce	30	Seedling	7	122	Tag Alder	Low	Variable		Variable
	White Pine	15		14						
	Red Maple	15	Seedling	7						
89	6122 - Black Spruce		Poletimber Well		6.4	86	81-110	N/A	Mainly black spruce with some scattered red maple and balsam fir and white pine. Timber was patchy, basal areas vary throughout the stand. Edge survey using 2024 imagery and 2015 inventory.	
	Canopy Species	% Cover	Size Class	DBH	Age					
	Balsam Fir	5	Sapling	6						
	Black Spruce	75	Seedling	7	86					
	White Pine	10		10	86					
	Red Maple	10	Sapling	5						
90	6128 - Lowland Coniferous, Mixed Deciduous		Poletimber Well		14.9	91	111-140	N/A	Stand is low and wet with a mix of larger white pine and red maple. Tag alder heavily present in the wet areas. Balsam fir is thick throughout the stand but thins out as you move away from the wetter areas\ . Some hemlock scattered throughout the stand with some small amounts of paper birch.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height		Size
	Red Maple	20	Seedling	7		Red Maple	Low	Variable		Variable
	Northern White Cedar	20	Seedling	8		Balsam Fir	Medium	Variable		Variable
	Black Spruce	25	Seedling	6	91	Tag Alder	High	Variable		Variable
	White Pine	15		14						
	Paper Birch	10	Seedling	7						
91	6128 - Lowland Coniferous, Mixed Deciduous		Poletimber Well		13.2	98	81-110	N/A	Patches of thick cedar throughout the stand. Maple is clumpy and scattered throughout but not a lot of larger size. Hemlock around the edges of the lower areas with some sparse spruce.	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
	Balsam Fir	20	Seedling	7		Balsam Fir	Medium	Variable	Variable	
	Red Maple	25	Seedling	9		Red Maple	Low	Variable	Variable	
	Northern White Cedar	30	Seedling	8	98	Black Spruce	Low	Variable	Variable	
	Hemlock	10		10						
	Bigtooth Aspen	5	Seedling	9						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
92	6139 - Mixed Lowland Forest	Poletimber Medium	21.7	104	51-80	N/A	Stand is low and wet. Better quality timber where the higher ground is located. Low quality timber throughout the whole stand. A significant amount of dead birch(paper & yellow). There is some dead black ash mixed in the stand along with some larger hemlock. A small stream flows through part of the stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	10	Seedling	9		Red Maple	Medium		Variable	Variable
Paper Birch	15	Seedling	7		White Pine	Low		Variable	Variable
White Pine	5		14		Paper Birch	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	10	Sapling	7		Balsam Fir	Low		Variable	Variable
Northern White Cedar	10	Seedling	8						
Yellow Birch	5	Seedling	8						
Black Spruce	20	Seedling	6						
Red Maple	25	Seedling	8	104					
93	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	59.4	101	81-110	N/A	Another stand with a wide variety of species. Stand is wet making access hard. Some nicer white pine along western compartment line. Possibly cut in the 50's. Larger hemlock and white pine in the stand in the higher elevations. Lower areas have higher percentage of spruce and cedar.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Bigtooth Aspen	5	Seedling	8		Balsam Fir	Low		5 - 10 feet	5 - 10 feet
Red Maple	5	Sapling	7		Red Maple	Low		5 - 10 feet	5 - 10 feet
Balsam Fir	10	Sapling	5		Black Spruce	Medium		Variable	Variable
Black Spruce	35	Seedling	7	101					
White Pine	10		11						
Paper Birch	5	Seedling	6						
Northern White Cedar	15	Seedling	9						
Hemlock	15		12						
94	42220 - Natural Jack Pine	Poletimber Medium	64.8	56	51-80	N/A	Long narrow ridge of jack pine that was cut in the late 60's as sale #037-69. Red pine and spruce were left along the edges of the stand. Some sparse aspen and paper birch throughout and occasional white pine. Road run through most of the stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Jack Pine	74	Seedling	9	56	Black Spruce	Low		Variable	Variable
Black Spruce	15	Seedling	6						
Red Pine	6		12						
Red Maple	5	Seedling	7						
95	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	110.8	113	81-110	N/A	Stand is mostly hemlock with areas of red maple and white pine mixed in. Stand is low ground and some areas had standing water. Spruce and cedar along edges of the wetter areas. Previous Inventory indicates cutting took place in the late 50's.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	5		14		Red Maple	Low		5 - 10 feet	5 - 10 feet
Black Spruce	8	Seedling	6		Black Spruce	Medium		Variable	Variable
Northern White Cedar	15	Seedling	8		Balsam Fir	Medium		Variable	Variable
Hemlock	57		14	113					
Red Maple	15	Seedling	8						
96	6122 - Black Spruce	Poletimber Medium	25.5	117	51-80	N/A	Spruce stand with some jack and red pine on the higher sites. Heavy tag alder along the low wet spots. Difficult access due to very wet and remote. Edge survey using 2024 imagery and previous inventory.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Pine	10		10		Black Spruce	Medium		Variable	Variable
Black Spruce	80	Seedling	8	117	Tag Alder	Medium		5 - 10 feet	5 - 10 feet
	Jack Pine	10	Seedling	7					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																					
98	6122 - Black Spruce	Poletimber Medium	7.0	49	51-80	N/A	Stand was part of sale # 003-74. Stand mainly spruce with some jack pine. Some paper birch and white pine scattered throughout the stand. Difficult access due to being wet lower ground. Edge survey using 2024 imagery and previous inventory.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>80</td><td>Sapling</td><td>5</td><td>49</td></tr><tr><td>Jack Pine</td><td>20</td><td>Sapling</td><td>5</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	80	Sapling	5	49	Jack Pine	20	Sapling	5																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Black Spruce	80	Sapling	5	49																																																								
Jack Pine	20	Sapling	5																																																									
99	6122 - Black Spruce	Poletimber Well	104.3	86	81-110	N/A	Mainly black spruce with some scattered red maple and balsam fir and a few scattered white pine. BA is variable throughout the stand.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>90</td><td>Seedling</td><td>7</td><td>86</td></tr><tr><td>Balsam Fir</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Seedling	8		Black Spruce	90	Seedling	7	86	Balsam Fir	5	Sapling	6																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Red Maple	5	Seedling	8																																																									
Black Spruce	90	Seedling	7	86																																																								
Balsam Fir	5	Sapling	6																																																									
100	6122 - Black Spruce	Poletimber Well	9.7	89	81-110	N/A	Small stand of spruce in the middle of a hemlock spruce stand. Some mixed in white pine.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Black Spruce</td><td>75</td><td>Seedling</td><td>8</td><td>89</td></tr><tr><td>Hemlock</td><td>10</td><td></td><td>12</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	15		14		Black Spruce	75	Seedling	8	89	Hemlock	10		12		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	Variable	Variable	Black Spruce	Low	Variable	Variable																			
Canopy Species	% Cover	Size Class	DBH	Age																																																								
White Pine	15		14																																																									
Black Spruce	75	Seedling	8	89																																																								
Hemlock	10		12																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Balsam Fir	Low	Variable	Variable																																																									
Black Spruce	Low	Variable	Variable																																																									
101	6128 - Lowland Coniferous, Mixed Deciduous	Sapling Well	15.1	93	1-50	N/A	Stand was originally cut in 2007 and finished in 2009 as part of Sale #018-07-01. This portion of the sale had more hemlock, white pine, and cedar in it that was left. Stand was originally aspen and more red pine but appears to be converting more to white pine and spruce after the cutting.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>7</td><td>Seedling</td><td>9</td><td></td></tr><tr><td>Balsam Fir</td><td>13</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Black Spruce</td><td>17</td><td>Seedling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>8</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>White Pine</td><td>20</td><td></td><td>14</td><td>93</td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Log</td><td>2</td><td>16</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	7	Seedling	9		Balsam Fir	13	Log	2	16	Black Spruce	17	Seedling	5		Red Maple	8	Log	1	16	White Pine	20		14	93	Quaking Aspen	20	Log	2	16	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Pine</td><td>Medium</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	White Pine	Medium	< 5 feet	< 5 feet	Balsam Fir	Medium	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																																								
Northern White Cedar	7	Seedling	9																																																									
Balsam Fir	13	Log	2	16																																																								
Black Spruce	17	Seedling	5																																																									
Red Maple	8	Log	1	16																																																								
White Pine	20		14	93																																																								
Quaking Aspen	20	Log	2	16																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Red Maple	Low	Variable	Variable																																																									
White Pine	Medium	< 5 feet	< 5 feet																																																									
Balsam Fir	Medium	Variable	Variable																																																									
102	6122 - Black Spruce	Sapling Well	16.7	16	1-50	N/A	Stand was cut in 2007 and finished in 2009. Sale was #018-07-01. All white pine and cedar were left. Regeneration is coming in throughout the stand but it is a very open stand still missing a mature canopy overhead.																																																					
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>10</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Red Pine</td><td>5</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>Paper Birch</td><td>6</td><td>Log</td><td>1</td><td>16</td></tr><tr><td>Black Spruce</td><td>70</td><td>Log</td><td>2</td><td>16</td></tr><tr><td>White Pine</td><td>5</td><td></td><td>16</td><td>90</td></tr><tr><td>Red Maple</td><td>4</td><td>Log</td><td>1</td><td>16</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Log	2	16	Red Pine	5	Log	2	16	Paper Birch	6	Log	1	16	Black Spruce	70	Log	2	16	White Pine	5		16	90	Red Maple	4	Log	1	16	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr><tr><td>White Pine</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	< 5 feet	< 5 feet	White Pine	Medium	Variable	Variable				
Canopy Species	% Cover	Size Class	DBH	Age																																																								
White Pine	10	Log	2	16																																																								
Red Pine	5	Log	2	16																																																								
Paper Birch	6	Log	1	16																																																								
Black Spruce	70	Log	2	16																																																								
White Pine	5		16	90																																																								
Red Maple	4	Log	1	16																																																								
Sub-Canopy Species	Density	Avg. Height	Size																																																									
Balsam Fir	Low	< 5 feet	< 5 feet																																																									
White Pine	Medium	Variable	Variable																																																									

Stand	Level 4 Cover Type	Size Density			Acres	Stand Age	BA Range	Managed Site	General Comments																																																				
104	42320 - Upland Spruce	Poletimber Medium			5.0	49	81-110	N/A	Stand was cut in 74'-75'. Sale # 30-74A part of sale was in C114. Stand is mostly Black Spruce/Balsam Fir pole timber with some larger white pine.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>2</td><td>Seedling</td><td>8</td><td>49</td></tr><tr><td>Balsam Fir</td><td>15</td><td>Seedling</td><td>8</td><td>49</td></tr><tr><td>Red Maple</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>3</td><td></td><td>24</td><td></td></tr><tr><td>Black Spruce</td><td>75</td><td>Seedling</td><td>9</td><td>49</td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Quaking Aspen	2	Seedling	8	49	Balsam Fir	15	Seedling	8	49	Red Maple	5	Seedling	6		White Pine	3		24		Black Spruce	75	Seedling	9	49	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Low	5 - 10 feet	5 - 10 feet	Red Maple	Low	5 - 10 feet	5 - 10 feet										
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Quaking Aspen	2	Seedling	8	49																																																									
Balsam Fir	15	Seedling	8	49																																																									
Red Maple	5	Seedling	6																																																										
White Pine	3		24																																																										
Black Spruce	75	Seedling	9	49																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																										
Balsam Fir	Low	5 - 10 feet	5 - 10 feet																																																										
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																										
105	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well			65.1	97	81-110	N/A	Mostly pole timber with some log trees scattered throughout. Trees are very slow growing in this stand. Half acre treed bog in the southwest corner along the Charcoal Grade.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Northern White Cedar</td><td>20</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Black Spruce</td><td>25</td><td>Seedling</td><td>6</td><td>97</td></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>5</td><td>55</td></tr><tr><td>Red Maple</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Northern White Cedar	20	Seedling	8		Black Spruce	25	Seedling	6	97	Balsam Fir	10	Sapling	5	55	Red Maple	15	Seedling	7		White Pine	15		10		Paper Birch	15	Seedling	7																						
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Northern White Cedar	20	Seedling	8																																																										
Black Spruce	25	Seedling	6	97																																																									
Balsam Fir	10	Sapling	5	55																																																									
Red Maple	15	Seedling	7																																																										
White Pine	15		10																																																										
Paper Birch	15	Seedling	7																																																										
106	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well			65.4	97	81-110	N/A	Stand is a mixed bag with spruce and red maple the most dominant. More prevalent aspen to the eastern side of the stand but its scattered throughout almost the whole stand. Some small pockets of pure black spruce within the stand as well. Some small amounts of black ash and paper birch also scattered throughout the stand as well.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>20</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Quaking Aspen</td><td>20</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black Spruce</td><td>30</td><td>Seedling</td><td>5</td><td>97</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Red Maple	20	Seedling	7		Northern White Cedar	10	Seedling	7		Balsam Fir	10	Sapling	5		Quaking Aspen	20	Seedling	7		Black Spruce	30	Seedling	5	97						<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	Balsam Fir	Medium	Variable	Variable					
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Maple	20	Seedling	7																																																										
Northern White Cedar	10	Seedling	7																																																										
Balsam Fir	10	Sapling	5																																																										
Quaking Aspen	20	Seedling	7																																																										
Black Spruce	30	Seedling	5	97																																																									
Sub-Canopy Species	Density	Avg. Height	Size																																																										
Red Maple	Low	Variable	Variable																																																										
Balsam Fir	Medium	Variable	Variable																																																										
107	6139 - Mixed Lowland Forest	Poletimber Well			77.0	97	111-140	N/A	Stand is low and wet with a mix of larger white pine and red maple. Tag alder heavily present in the wet areas. Balsam fir is thick throughout the stand but thins out as you move away from the Charcoal Grade. Some hemlock scattered throughout the stand with some small amounts of paper birch.																																																				
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>20</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>10</td><td></td><td>14</td><td></td></tr><tr><td>Quaking Aspen</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Black Ash</td><td>15</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>20</td><td>Seedling</td><td>7</td><td>97</td></tr><tr><td>Northern White Cedar</td><td>10</td><td>Seedling</td><td>7</td><td></td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Black Spruce	20	Seedling	6		White Pine	10		14		Quaking Aspen	15	Seedling	7		Black Ash	15	Seedling	7		Balsam Fir	10	Sapling	5		Red Maple	20	Seedling	7	97	Northern White Cedar	10	Seedling	7		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	Medium	Variable	Variable	Red Maple	Low	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Black Spruce	20	Seedling	6																																																										
White Pine	10		14																																																										
Quaking Aspen	15	Seedling	7																																																										
Black Ash	15	Seedling	7																																																										
Balsam Fir	10	Sapling	5																																																										
Red Maple	20	Seedling	7	97																																																									
Northern White Cedar	10	Seedling	7																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																										
Balsam Fir	Medium	Variable	Variable																																																										
Red Maple	Low	Variable	Variable																																																										

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
108	42210 - Natural Red Pine	Sawtimber Well	15.6	100	111-140	N/A	Ridge of red pine with some pockets of jack pine and scattered white pine. Varying size red pine but majority of it is larger. Part of the stand was part of sale #003-74. Decent road access for a winter sale. One plot had 270 BA of Red Pine but BA is variable throughout stand.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>5</td><td>Sapling</td><td>6</td><td></td></tr><tr><td>Jack Pine</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>15</td><td></td><td>14</td><td></td></tr><tr><td>Red Pine</td><td>65</td><td></td><td>12</td><td>100</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	5	Sapling	6		Jack Pine	15	Seedling	6		White Pine	15		14		Red Pine	65		12	100	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Balsam Fir</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	5 - 10 feet	5 - 10 feet	Balsam Fir	Low	Variable	Variable
Canopy Species	% Cover	Size Class	DBH	Age																																					
Black Spruce	5	Sapling	6																																						
Jack Pine	15	Seedling	6																																						
White Pine	15		14																																						
Red Pine	65		12	100																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Black Spruce	Low	5 - 10 feet	5 - 10 feet																																						
Balsam Fir	Low	Variable	Variable																																						
109	6122 - Black Spruce	Poletimber Medium	4.5	60	1-50	N/A	Wet black spruce stand with a few red pine on little sand hammocks.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>5</td><td></td><td>10</td><td></td></tr><tr><td>Black Spruce</td><td>90</td><td>Pole</td><td>4</td><td>60</td></tr><tr><td>White Pine</td><td>5</td><td>Seedling</td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	5		10		Black Spruce	90	Pole	4	60	White Pine	5	Seedling	6																					
Canopy Species	% Cover	Size Class	DBH	Age																																					
Red Pine	5		10																																						
Black Spruce	90	Pole	4	60																																					
White Pine	5	Seedling	6																																						
110	6224 - Treed Bog	None	15.7			No	Stand is very wet along beaver dam.																																		
111	42290 - Natural Mixed Pine	Poletimber Well	18.2	56	81-110	N/A	Stand of Jack pine mixed with Black Spruce. Some scattered White Pine and Tamarack throughout the stand. Old roads in the stands. Access is possible now with new road built in 2022.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Black Spruce</td><td>35</td><td>Seedling</td><td>7</td><td></td></tr><tr><td>Jack Pine</td><td>58</td><td>Seedling</td><td>8</td><td>56</td></tr><tr><td>Tamarack</td><td>2</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Black Spruce	35	Seedling	7		Jack Pine	58	Seedling	8	56	Tamarack	2	Seedling	6		White Pine	5		14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Leatherleaf</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Leatherleaf	Low	< 5 feet	< 5 feet
Canopy Species	% Cover	Size Class	DBH	Age																																					
Black Spruce	35	Seedling	7																																						
Jack Pine	58	Seedling	8	56																																					
Tamarack	2	Seedling	6																																						
White Pine	5		14																																						
Sub-Canopy Species	Density	Avg. Height	Size																																						
Tag Alder	Low	5 - 10 feet	5 - 10 feet																																						
Leatherleaf	Low	< 5 feet	< 5 feet																																						
114	6119 - Mixed Lowland Deciduous Forest	Sapling Poor	27.5	3	Unspecified	N/A	Stand harvested via Clearcut with Retention in winter 2021/22: South Auger Spruce 42-017-17. Stand has regenerated to mostly red maple, paper birch and aspen.																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>20</td><td>Log</td><td>1</td><td></td></tr><tr><td>Balsam Fir</td><td>10</td><td>Log</td><td>2</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>55</td><td>Log</td><td>1</td><td>3</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	20	Log	1		Balsam Fir	10	Log	2		Paper Birch	15	Log	1		Red Maple	55	Log	1	3	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>< 5 feet</td><td>< 5 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	< 5 feet	< 5 feet				
Canopy Species	% Cover	Size Class	DBH	Age																																					
Quaking Aspen	20	Log	1																																						
Balsam Fir	10	Log	2																																						
Paper Birch	15	Log	1																																						
Red Maple	55	Log	1	3																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Black Spruce	Low	< 5 feet	< 5 feet																																						
117	122 - Road/Parking Lot	None	3.9			No	Charcoal Grade Road that runs through the compartment.																																		
118	6224 - Treed Bog	None	4.8			No	Small diameter timber scattered throughout the bog. Some larger trees along the edges and in clumps.																																		

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

123	6128 - Lowland Coniferous, Mixed Deciduous		Poletimber Well		51.4	101	81-110	N/A	
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
	White Pine	10		11		Black Spruce	Low	5 - 10 feet	5 - 10 feet
	Black Spruce	25	Seedling	6	101	Red Maple	Low	5 - 10 feet	5 - 10 feet
	Red Maple	15	Seedling	8		Tag Alder	Medium	5 - 10 feet	5 - 10 feet

Stand is a mixed bag of species. Snowmobile Trail borders southern edge. Stand is very wet throughout. Timber sizes vary throughout and most of the timber is low quality. Some very large white pine scattered throughout the stand.