



Compartment Review Presentation

Atlanta Forest Management Unit

Compartment 54048

Entry Year 2020

Acreage: 1,561

County Montmorency

Management Area: Thunder Bay Outwash

Revision Date: 2018-04-25

Stand Examiner: Richard Barber

Legal Description:

T31N, R3E, Sections 1, 12, 13 & 24.

Identified Planning Goals:

Recreation, timber management.

Soil and topography:

Terrain is generally level, and dominated by PArVHa/PArVVb, and PVCd habitat types.

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

Surrounding land is mostly other state land and scattered hunting camps. Urban rings around lakes exist to the east.

Unique Natural Features:

One or more have been reported.

Archeological, Historical, and Cultural Features:

None reported.

Special Management Designations or Considerations:

None.

Watershed and Fisheries Considerations:

Both Miller Creek and Brush Creek are Priority Trout Streams.

Wildlife Habitat Considerations:

Mineral Resource and Development Concerns and/or Restrictions

Sand/gravel pits are located in the area, and there appears to be good sand & gravel potential in the compartment. Glacial drift is too thick in this area for bedrock non-metallic mineral potential. The southern half of the compartment is currently leased and has been developed for natural gas from the Antrim Shale. The Antrim is thinning to the north, and potential for additional Antrim development within the compartment may be limited. There is no known oil and gas potential from other formations in this area. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Vehicle access is very good.

Survey Needs:

Several sales may need survey work.

Recreational Facilities and Opportunities:

ORV trails and routes, snowmobile trails.

Fire Protection:

Atlanta MU and Hillman VFD.

Additional Compartment Information:

The following reports from the Inventory are attached:

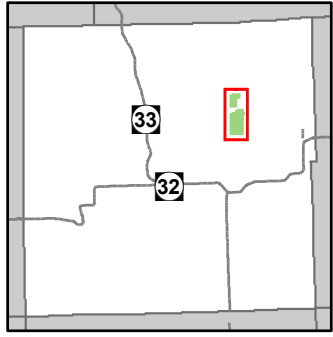
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

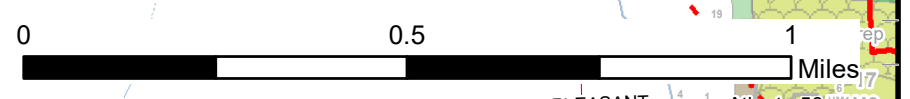
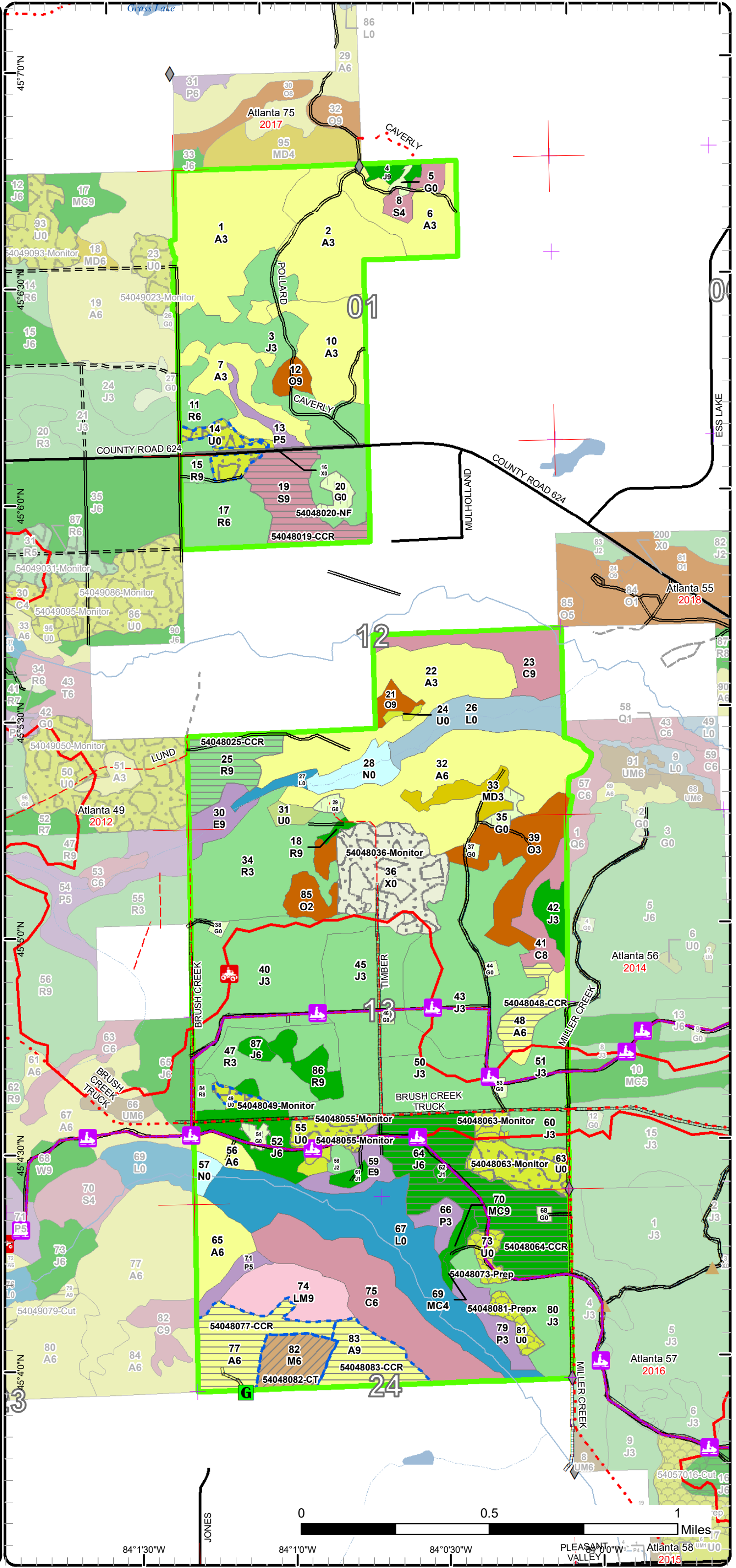
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 48
 T31N, R05E, Sec: 05, 08, 17
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2020
 Acres: 1,562 GIS Calculated
 Examiner: Richard Barber
 Map Revised: 10/3/2018
 Map Phase: Post-Review



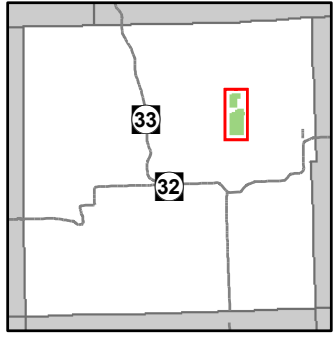
- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- 🚙 ORV Trails
- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV Trails
- - - Designated ORV Route
- Designated Snowmobile Trails
- ~ Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- ▲ Berms
- G Gate
- Pipeline
- Compartment Boundary
- Treatments with Site Conditions
- Clearcut (w/Reserves)
- Thinning (Crown, Low, Systematic)
- Regeneration Survey
- Opening Maintenance
- Site Prep
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland
- 790 - Other Bare/Sparsely Vegetated
- Lakes



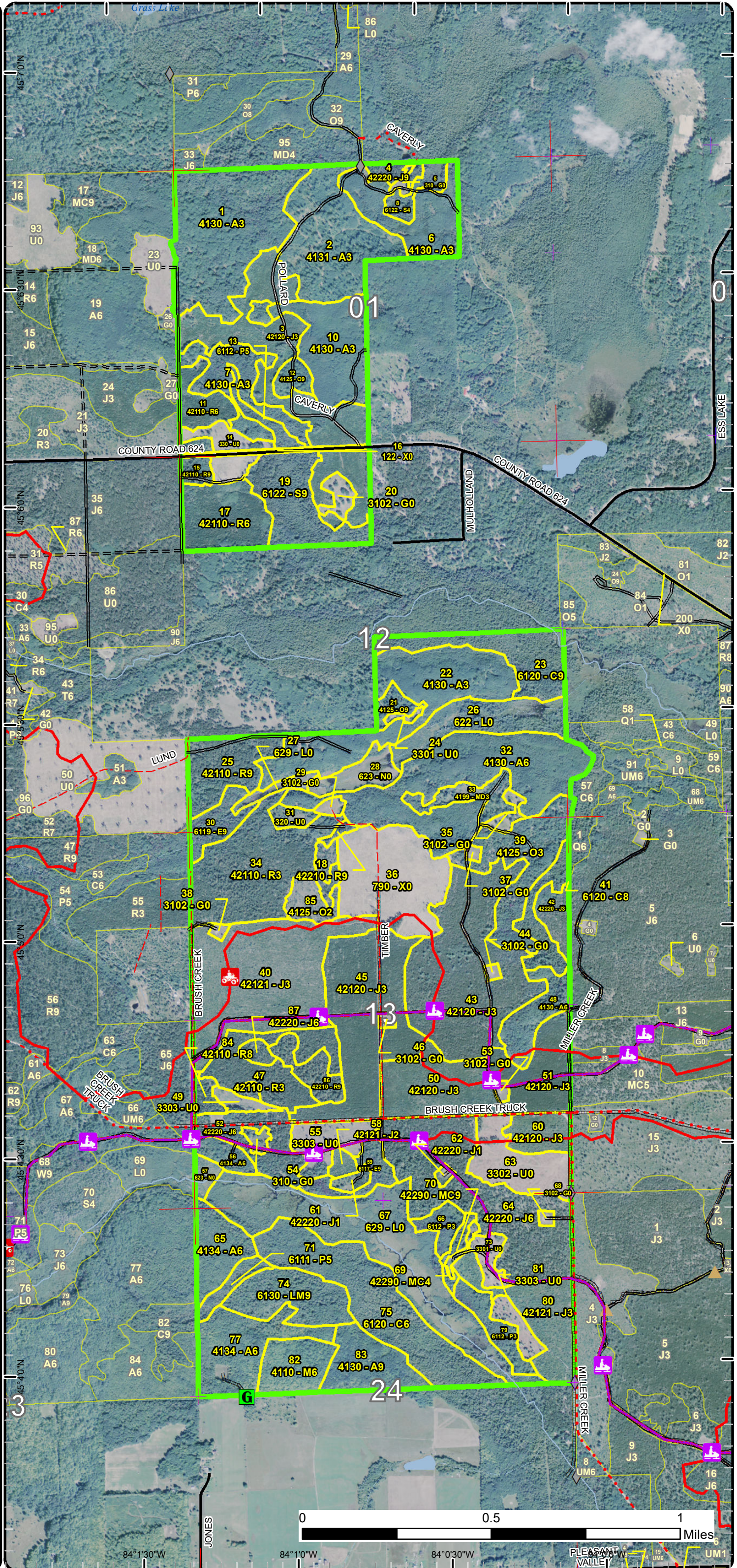
84°1'30"W 84°10'W 84°0'30"W 84°0'0"W

Stand Boundary Map

Compartment: 48
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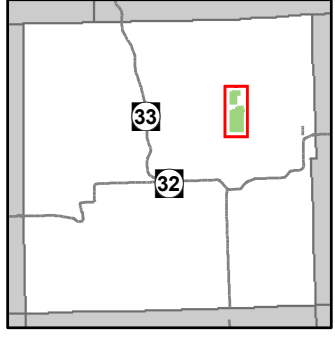


- Miris Corners
- + Remonumented Section Corners
- ◆ Field Grade Corners
- Counties
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
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- 🚙 ORV Routes
- 🚙 Snowmobile Trails
- Designated ATV Trails
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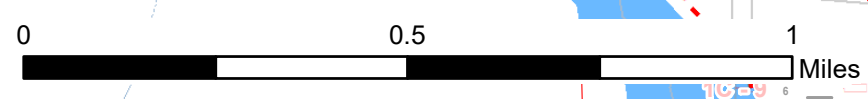
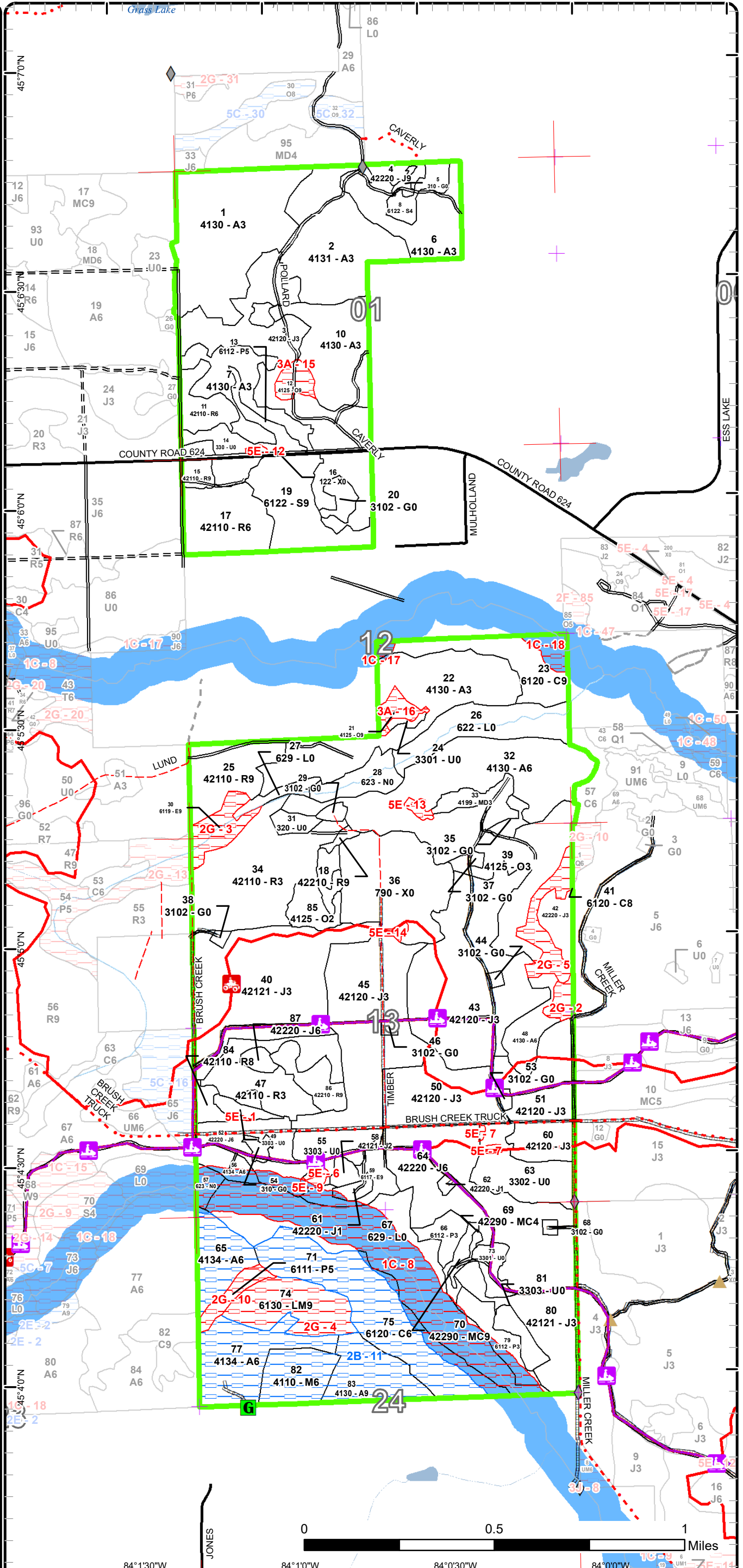


Special Conservation Areas & Site Conditions Map

Compartment: 48
 T31N, R05E, Sec: 05, 08, 17
 County: Montmorency
 Unit: Atlanta
 Mgmt Area: Thunder Bay
 Outwash
 YOE: 2020
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- 🚙 ORV Trails
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- 🚙 Snowmobile Trails
- 🚙 Designated ATV Trails
- 🚙 Designated ORV Route
- 🚙 Designated Snowmobile Trails
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- ▲ Berms
- G Gate
- Pipeline
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 1C: Other dept or div proc/practices
- 2G: Too wet (sensitive soils, does not include access issues)
- 3A: Conservation Values incompatible with harvest at this time
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- High Priority Trout Stream Buffer



84°1'30"W 84°10'W 84°0'30"W 84°0'0"W

Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	47	110	39	101	107	0	0	0	0	0	0	0	0	0	0	0	404
Bare/Sparsely Vegetated	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45
Cedar	0	0	0	0	0	0	0	0	0	25	66	0	0	0	0	0	0	0	91
Herbaceous Openland	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Jack Pine	0	0	175	118	82	0	3	23	0	66	0	0	0	0	0	0	0	0	466
Low-Density Trees	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64
Lowland Aspen/Balsam Poplar	0	0	0	0	5	22	0	0	0	0	0	0	0	0	0	0	0	0	27
Lowland Deciduous	0	0	0	0	0	0	10	9	0	0	0	0	0	0	0	0	0	0	19
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	24
Lowland Shrub	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104
Lowland Spruce/Fir	0	0	0	0	0	7	0	0	28	0	0	0	0	0	0	0	0	0	35
Marsh	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Mixed Upland Deciduous	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Natural Mixed Pines	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	6
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	16
Oak	0	11	0	0	31	0	0	0	0	10	0	0	0	0	0	0	0	0	52
Red Pine	0	0	0	25	89	0	6	4	34	2	0	0	0	0	0	0	0	0	160
Upland Shrub	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Urban	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	254	11	222	265	246	130	126	36	62	107	106	0	0	0	0	0	0	0	1564



Report 2 – Treatment Summary

Atlanta Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 48

Total Compartment Acres: 1,561

Commercial Harvest - 126
 Harvests with Site Condition - 66
 Next Step Harvest - 0
 Habitat Cut - 0

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	60	0	0	0	0	0	0	0	0	60
Jack Pine	66	0	0	0	0	0	0	0	0	66
Lowland Spruce/Fir	28	0	0	0	0	0	0	0	0	28
Northern Hardwood	0	0	0	0	16	0	0	0	0	16
Red Pine	22	0	0	0	0	0	0	0	0	22
Total	176	0	0	0	16	0	0	0	0	192

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	192	6	0	0	0	96	0	12		306
Next Step	0	88	127	0	0	172	288	0	0	675
Total	192	94	127	0	0	172	384	0	12	981



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	Approval Status
19	54048014-Monitor	9.7	6122 - Black Spruce	Sawtimber Well	78		Monitoring	Artificial Regen(3yr)	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Field Boundary

Habitat Cut: No **Site Condition:** Long-Term Retention

Prescription Perform a 3rd year artificial regen survey in 2018.

Specs:

Next Step

Treatments:

Acceptable Fully stocked Red Pine.

Regen:

Other Percent to Treat = 100%

Comment:

Proposed Start Date: 4 /1 /2018

19	54048019-CCR	27.8	6122 - Black Spruce	Sawtimber Well	78		Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and will be representative of the treatment's species as a whole. Sale acreage may be substantially reduced by inoperably wet areas.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable spruce, cedar, fir, maple, aspen, tamarack, or birch.

Regen:

Other Use rabbitat spec.

Comment:

Proposed Start Date: 10/1 /2019

20	54048020-NF	4.4	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

25	54048025-CCR	22.1	42110 - Planted Red Pine	Sawtimber Well	79	81-110	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep and may be 27 or 30.

Specs: Tops must be chipped within 3 months of the parent stem's severance from the stump. Re-plant red pine.

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

Treatments:

Acceptable Acceptable regeneration is any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand

Regen: incontrovertibly dominated by unsuppressed red pine.

Other Site prep may require thermal, chemical or mechanical methods.

Comment:

Proposed Start Date: 10/1 /2019



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	Approval Status
29	54048029-NF	1.9	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

35	54048035-NF	3.2	3102 - Grass	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2019

43	54048036- Monitor	42.2	42120 - Planted Jack Pine	Sapling Well	36		Monitoring	Artificial Regen(3yr)	42110 - Planted Red Pine	Even-Aged	Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Perform a year 3 artificial regen survey.

Specs:

Next Step ; Pesticide, Aerial

Treatments:

Acceptable Fully stocked Planted Red Pine.

Regen:

Other Percent to Treat = 100%

Comment:

Proposed Start Date: 4 /20/2018

48	54048048- CCR	9.9	4130 - Aspen	Poletimber Well	51	Unspec ified	Harvest	Clearcut with Retention	4130 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be in or near wetland portion of stand and will include white pine.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of aspen, oak, hardwood or conifer.

Regen:

Other Use current, standard trail specs for safety and infrastructure protection. Use Atlanta grouse spec. 5.2.4.4.

Comment:

Proposed Start Date: 10/1 /2019



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	Approval Status
47	54048049-Monitor	2.8	42110 - Planted Red Pine	Sapling Well	35	51-80	Monitoring	Artificial Regen(3yr)	42110 - Planted Red Pine	Even-Aged	Field Boundary

Habitat Cut: No **Site Condition:** Long-Term Retention

Prescription Perform a year 3 artificial regen survey.

Specs:

Next Step Planting, Initial Plant

Treatments:

Acceptable Regen: rp of medium to high stocking

Other Comment:

Percent to Treat = 100%

Proposed Start Date:

4 /1 /2019

54	54048054-NF	2.3	310 - Herbaceous Openland	Nonstocked			NonForestMgt	Herbaceous/Crop /Grass Planting	320 - Upland Shrub		Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Opening will be maintained on an ongoing rotational basis to produce wildlife forage through burning, mowing, planting, or other agriculture practices

Specs:

Next Step

Treatments:

Acceptable Regen:

Other Comment:

Proposed Start Date:

10/1 /2019

55	54048055-Monitor	10.1	3303 - Mixed Low Density Trees	Nonstocked	Unspecified		Monitoring	Artificial Regen(3yr)	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Perm a year 3 artificial regen survey.

Specs:

Next Step Planting, Initial Plant; Pesticide, Aerial

Treatments:

Acceptable Regen: -Acceptable regeneration is any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.

Other Comment:

Percent to Treat = 100%

Proposed Start Date:

4 /1 /2019

63	54048063-Monitor	19.7	3302 - Low Density Conifer Trees	Nonstocked			Monitoring	Artificial Regen(3yr)	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Perform a year 3 artificial regen survey in 2019.

Specs:

Next Step Planting, Initial Plant; Pesticide, Aerial

Treatments:

Acceptable Regen: -any combination of aspen, oak, jack pine, red pine, or white pine resulting in a medium or well stocked stand.

Other Comment:

Percent to Treat = 100%

Proposed Start Date:

4 /1 /2019



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	Approval Status
64	54048064- CCR	66.1	42220 - Natural Jack Pine	Poletimber Well	82	Unspec ified	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location should include a high proportion of oak for mast production.

Specs: Do not place retention along a road or trail. Use Oak wilt spec 5.2.3.12. Tops must be chipped within 3 months of the parent stem's severance from the stump. Re-plant to red pine. Leave regeneration retention per red pine guidance IC4018, to be located where retention will not be a risk of transfer to another stand.

Next Step SitePrep, Trenching; Planting, Initial Plant; Pesticide, Skidder/Mechanical; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)
Treatments:

Acceptable Acceptable regeneration is any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand
Regen: incontrovertibly dominated by unsuppressed red pine.

Other Use current, standard trail specs for safety and infrastructure protection on both the Snowmobile/ORV-Route and ORV trail.

Comment: Site prep may require thermal, chemical or mechanical methods.

Proposed Start Date: 10/1 /2019

73	54048073- Prep	5.9	3301 - Low Density Deciduous Trees	Nonstocked		Unspec ified	SitePrep	Trenching	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Trench for red pine.

Specs:

Next Step Pesticide, Skidder/Mechanical; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand predominated by unsuppressed
Regen: red pine.

Other Use current, standard trail specs for safety and infrastructure protection.

Comment:

Proposed Start Date: 8 /10/2018

77	54048077- CCR	29.3	4134 - Aspen, Spruce/Fir	Poletimber Well	42		Harvest	Clearcut with Retention	4134 - Aspen, Spruce/Fir	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Unknown Access**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep. Protect cedar.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any combination of aspen, oak, hardwood or conifer.

Regen:

Other Use Atlanta grouse spec. 5.2.4.4.

Comment:

Proposed Start Date: 10/1 /2019

81	54048081- Prepx	5.9	3303 - Mixed Low Density Trees	Nonstocked		Unspec ified	SitePrep	Trenching	42111 - Planted Red Pine, Mixed Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription trench for red pine planting.

Specs:

Next Step Planting, Initial Plant; Pesticide, Skidder/Mechanical; Monitoring, Artificial Regen(1yr); Monitoring, Artificial Regen(3yr)

Treatments:

Acceptable Any combination of red pine, white pine, oak, jack pine, or aspen, resulting in a medium or well stocked stand predominated by unsuppressed
Regen: red pine.

Other Use current, standard trail specs for safety and infrastructure protection.

Comment:

Proposed Start Date: 8 /10/2018



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	Approval Status
82	54048082-CT	16.2	4110 - Sugar Maple Association	Poletimber Well	92	111- 140	Harvest	Crown Thinning	411 - Northern Hardwood	Even-Aged	Draft Field Boundary

Habitat Cut: No**Site Condition: Unknown Access**

Prescription Reduce BA to 80, releasing best tree in place. No whole tree skidding or removal of tops. Discriminate against beech when marking trees.

Specs:Next Step

Treatments:

Acceptable

Regen:

OtherComment:

Proposed Start Date: 10/1 /2019

83	54048083- CCR	20.8	4130 - Aspen	Sawtimber Well	53		Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition: Unknown Access**

Prescription CCR. Retain 3 to 10 percent of treatment area in one or more patches. Location(s) will be determined during sale prep.

Specs:Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Any combination of aspen, oak, hardwood or conifer.

Regen:

OtherComment:

Proposed Start Date: 10/1 /2019

**Total Treatment
Acreage Proposed: 300.3**

Report 4 – Site Conditions

Atlanta Mgt. Unit
Richard Barber : Examiner

Compartment: 48
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions				
		With Condition				2B	1C	2G	3A	5E
403	330	66	6		Aspen	66	3	4		
45	43	0	1		Bare/Sparsely Vegetated					1
91	19	47	25		Cedar	47	13	12		
19	19	0	0		Herbaceous Openland					
466	460	0	6		Jack Pine		3			3
64	60	0	3		Low-Density Trees		0			3
27	18	0	9		Lowland Aspen/Balsam Poplar		3	6		
20	7	0	13		Lowland Deciduous		3	10		0
24	0	0	24		Lowland Mixed Forest			24		
104	46	0	57		Lowland Shrub		57			
35	35	0	0		Lowland Spruce/Fir					
14	11	0	3		Marsh		3			
10	9	0	2		Mixed Upland Deciduous					2
5	2	0	4		Natural Mixed Pines		4			
16	0	16	0		Northern Hardwood	16				
52	42	0	10		Oak				10	
159	158	0	0		Red Pine					0
4	4	0	0		Upland Shrub					
3	3	0	0		Urban					
1,561	1,268	129	164		Total Forested Acres	129	89	56	10	9
	81%	8%	11%		Relative Percent					

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

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2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 55							
7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 63							

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8	Unavailable	1C: Other dept or div proc/practices	79	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: Cold water Stream.							
9	Unavailable	5E: Long-Term Retention	0	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments: area retention for stand 55. Cold water Stream.							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Available	2B: Unknown if access through adjacent landowner(s) is possible	129	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

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15	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Retaining for mast production.							
16	Unavailable	3A: Conservation Values incompatible with harvest at this time	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: retain for mast production.							
17	Unavailable	1C: Other dept or div proc/practices	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 100 m Cold water stream buffer.							
18	Unavailable	1C: Other dept or div proc/practices	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: 100 m Cold water stream buffer.							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity.

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

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Report 7 – Forested Stands

Compartment: 48
Year of Entry: 2020

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
4130 - Aspen	Sapling Well	65.6	42		Oak on ridge. BA mostly oak and red pine.
4131 - Aspen, Oak	Sapling Well	46.6	15	1-50	BA is in retained oak--mostly in pockets on hills.
42120 - Planted Jack Pine	Sapling Well	61.6	16		
42220 - Natural Jack Pine	Sawtimber Well	4.1	63		Drops down to P and L in stand to north (on private.)
4130 - Aspen	Sapling Well	26.3	26		
4130 - Aspen	Sapling Well	22.1	37		
6122 - Black Spruce	Poletimber Poor	7.0	42		
4130 - Aspen	Sapling Well	30.7	26		
42110 - Planted Red Pine	Poletimber Well	10.6	37	81-110	
4125 - Black, N. Pin Oak	Sawtimber Well	5.1	85	51-80	
6112 - Lowland Aspen	Poletimber Medium	5.0	37		
42110 - Planted Red Pine	Sawtimber Well	5.8	59	51-80	
42110 - Planted Red Pine	Poletimber Well	24.8	26	81-110	
42210 - Natural Red Pine	Sawtimber Well	1.5	86	111-140	
6122 - Black Spruce	Sawtimber Well	27.9	78		
4125 - Black, N. Pin Oak	Sawtimber Well	4.5	89	51-80	
4130 - Aspen	Sapling Well	52.9	26		
6120 - Lowland Cedar	Sawtimber Well	25.3	87		
42110 - Planted Red Pine	Sawtimber Well	22.1	79	81-110	Planted 1939, 800 trees/acre mixed jack pine and red pine.

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Report 7 – Forested Stands

Compartment: 48
Year of Entry: 2020

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
30	6119 - Mixed Lowland Deciduous Forest	Sawtimber Well	10.4	51	51-80	free flowing stream 3 feet wide. Seeps present.
32	4130 - Aspen	Poletimber Well	71.1	55		
33	4199 - Other Mixed Upland Deciduous	Sapling Well	10.2	27	1-50	Sale #54-035-10-01 cut in 2012
34	42110 - Planted Red Pine	Sapling Well	52.4	35	1-50	
39	4125 - Black, N. Pin Oak	Sapling Well	31.2	37	1-50	
40	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	72.5	16		
41	6120 - Lowland Cedar	Sawtimber Medium	12.2	98		
42	42220 - Natural Jack Pine	Sapling Well	7.9	39		
43	42120 - Planted Jack Pine	Sapling Well	74.2	36		
45	42120 - Planted Jack Pine	Sapling Well	59.7	26		
47	42110 - Planted Red Pine	Sapling Well	26.0	35	51-80	
48	4130 - Aspen	Poletimber Well	14.8	51	Unspecified	
50	42120 - Planted Jack Pine	Sapling Well	30.6	21		
51	42120 - Planted Jack Pine	Sapling Well	24.2	26		
52	42220 - Natural Jack Pine	Poletimber Well	19.1	63		
56	4134 - Aspen, Spruce/Fir	Poletimber Well	6.3	47		
58	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	2.8	16		
59	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	9.2	68		

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Report 7 – Forested Stands

Compartment: 48
Year of Entry: 2020

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
42120 - Planted Jack Pine	Sapling Well	11.0	16		
42220 - Natural Jack Pine	Sapling Poor	2.7	27		
42220 - Natural Jack Pine	Sapling Poor	1.2	15		gas pad filling in with jack pine.
42220 - Natural Jack Pine	Poletimber Well	66.2	82	Unspecified	
4134 - Aspen, Spruce/Fir	Poletimber Well	16.5	37		
6112 - Lowland Aspen	Sapling Well	6.2	41	1-50	
42290 - Natural Mixed Pine	Poletimber Poor	1.7	20	1-50	
42290 - Natural Mixed Pine	Sawtimber Well	3.6	87	111-140	
6111 - Lowland Balsam Poplar	Poletimber Medium	5.7	41		much dead ash.
6130 - Fir, Aspen, Maple	Sawtimber Well	23.9	92		
6120 - Lowland Cedar	Poletimber Well	53.5	92		free flowing unmapped streams
4134 - Aspen, Spruce/Fir	Poletimber Well	29.3	42		
6112 - Lowland Aspen	Sapling Well	10.2	41		
42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	25.6	16		
4110 - Sugar Maple Association	Poletimber Well	16.2	92	111-140	
4130 - Aspen	Sawtimber Well	20.8	53		
42110 - Planted Red Pine	Sawtimber Medium	4.1	63	111-140	
4125 - Black, N. Pin Oak	Sapling Medium	11.2	5	Immature	
42210 - Natural Red Pine	Sawtimber Well	11.6	77	81-110	

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Atlanta Mgt. Unit

Report 7 – Forested Stands

Compartment: 48
Year of Entry: 2020



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
87	42220 - Natural Jack Pine	Poletimber Well	3.0	56	Unspecified	



Stand	Cover Type	Acres	Managed Site	General Comments:
5	310 - Herbaceous Openland	1.4	Yes	
14	330 - Low-Density Trees	11.0		C54-946NRX Burn on 8/13/13 Roller Chopped on 6/20/14 Trenched on 7/14/14 Planted on 4/23/15 at 979 RP/ac with PRT 5664 1-0 stock Year 1 survey 6/7/16 at 956 RP/ac and 1,989 C/M Competition/ac Herbicide on 9/28/17
16	122 - Road/Parking Lot	3.4	No	
20	3102 - Grass	4.4	Yes	
24	3301 - Low Density Deciduous Tree	1.3	No	grass, sweetfern , little trees.
26	622 - Lowland Shrub	24.9	No	tag alder
27	629 - Mixed non-forested wetland	4.0	No	
28	623 - Emergent Wetland	10.6	No	beaver pond marsh stump field.
29	3102 - Grass	1.9	No	
31	320 - Upland Shrub	3.8	No	
35	3102 - Grass	3.2	Yes	
36	790 - Other Bare/Sparsely Vegetate	44.7		Sale # 54-035-10-01 was cut in 2012. RX Burn completed 8/13/2013. Roller Chopped 6/20/2014. Trenched 7/14/2014. Planted with 39,000 1-0 PRT and 10,875 3-0 Wyman Bare Root @ 979/acre on 4/23/2015. Regeneration survey 930/acre RP and 720/acre competition.
37	3102 - Grass	1.0	No	
38	3102 - Grass	1.0	No	
44	3102 - Grass	1.0	No	
46	3102 - Grass	1.1	No	
49	3303 - Mixed Low Density Trees	3.7		black oak with planted red pine



Stand	Cover Type	Acres	Managed Site	General Comments:
53	3102 - Grass	1.2	No	
54	310 - Herbaceous Openland	2.3	No	
55	3303 - Mixed Low Density Trees	13.7		
57	623 - Emergent Wetland	3.6	No	water and emergent wetland behind beaver dam
63	3302 - Low Density Conifer Trees	22.2		
67	629 - Mixed non-forested wetland	74.8	No	brush and marsh
68	3102 - Grass	1.0	No	
73	3301 - Low Density Deciduous Tree	5.9		oak saps mostly browsed . 12 inch dbh white pine.
81	3303 - Mixed Low Density Trees	5.9		most oak sprouts browsed to less than 2 foot height. white pine 12 inch diameter 100 % l c r