



Compartment Review Presentation

Gaylord Forest Management Unit

Compartment 52132

Entry Year 2021

Acreage: 3,384

County Emmet

Management Area: Mackinaw Lake Plain

Revision Date: 2019-07-14

Stand Examiner: Shannon Harig

Legal Description:

T37N R04W Sections 1,2,10-14

Identified Planning Goals:

To provide for the protection, integrated management and responsible use of a healthy, productive and undiminished forest resource base for the social, recreational, environmental and economic benefit of the State of Michigan.

Soil and topography:

This compartment is very flat with limited changes in topography. Dominant soil types are Carbondale-Tawas-Roscommon Association. The limited amount uplands is predominately East Lake Loamy Sand.

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

State land is mostly contiguous. Surrounding property is mostly private and lightly developed.

Unique Natural Features:

None known

Archeological, Historical, and Cultural Features:

None known

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

This compartment contains a portion of Lancaster Creek, a tributary to Lancaster Lake in the Maple River watershed. Standard best management practices should be applied.

Wildlife Habitat Considerations:

This compartment is mostly wetland with some upland aspen, which is a good combination for furbearers like beaver. The swamp habitats are also available for bears and bobcat.

Mineral Resource and Development Concerns and/or Restrictions

A number of active sand/gravel pits are located just outside of the compartment, and there is good sand & gravel potential within the compartment on the uplands. The compartment is many miles from the nearest current or past oil and gas production. There is no known oil and gas potential in the area, and there is no active mineral leasing in the vicinity. There is no known metallic mineral potential in this part of the state.

Vehicle Access:

Limited access to most of the compartment.

Survey Needs:

Approximately 1 mile of line needed.

Recreational Facilities and Opportunities:

There are no developed recreational facilities in this compartment though the NWST is just west of the compartment.

Fire Protection:

Additional Compartment Information:

The following reports from the Inventory are attached:

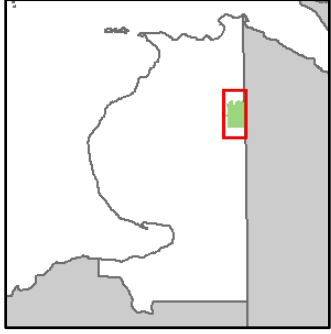
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

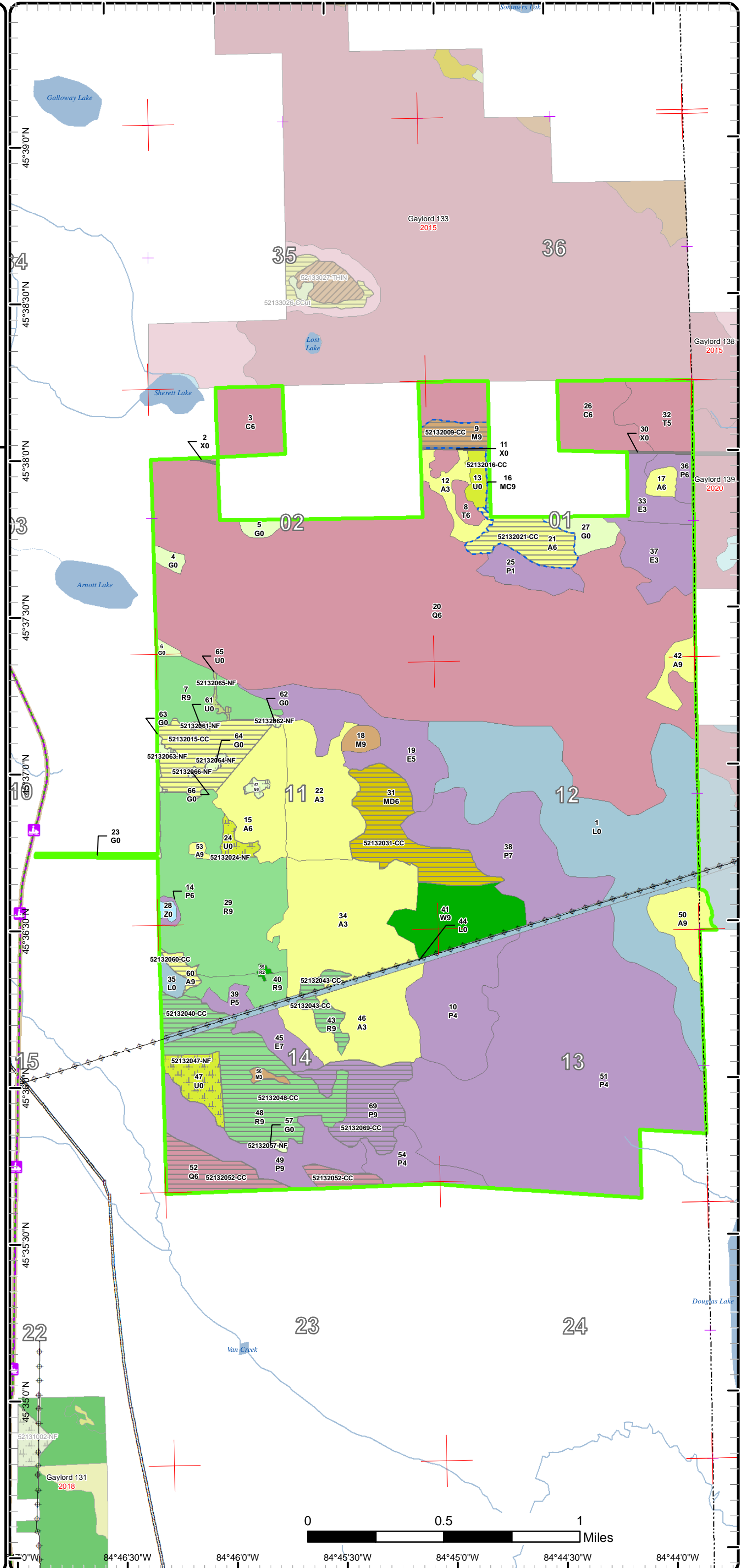
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 132
 T37N, R04W, Sec. 1, 2, 10-14
 County: Emmet
 Unit: Gaylord
 Mgmt Area: Mackinaw Lake Plain
 YOE: 2021
 Acres: 3,384 GIS Calculated
 Examiner: Shannon Harig
 Map Revised: 10/8/2019
 Map Phase: Post-Review



- Miris Corners
- + Remonumented Section Corners
- Counties
- Snowmobile Trails
- Designated Hiking Trails
- Designated Bicycle Trails
- Designated Snowmobile Trails
- Designated Rail Trail
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Pipeline
- Powerline
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- Lakes

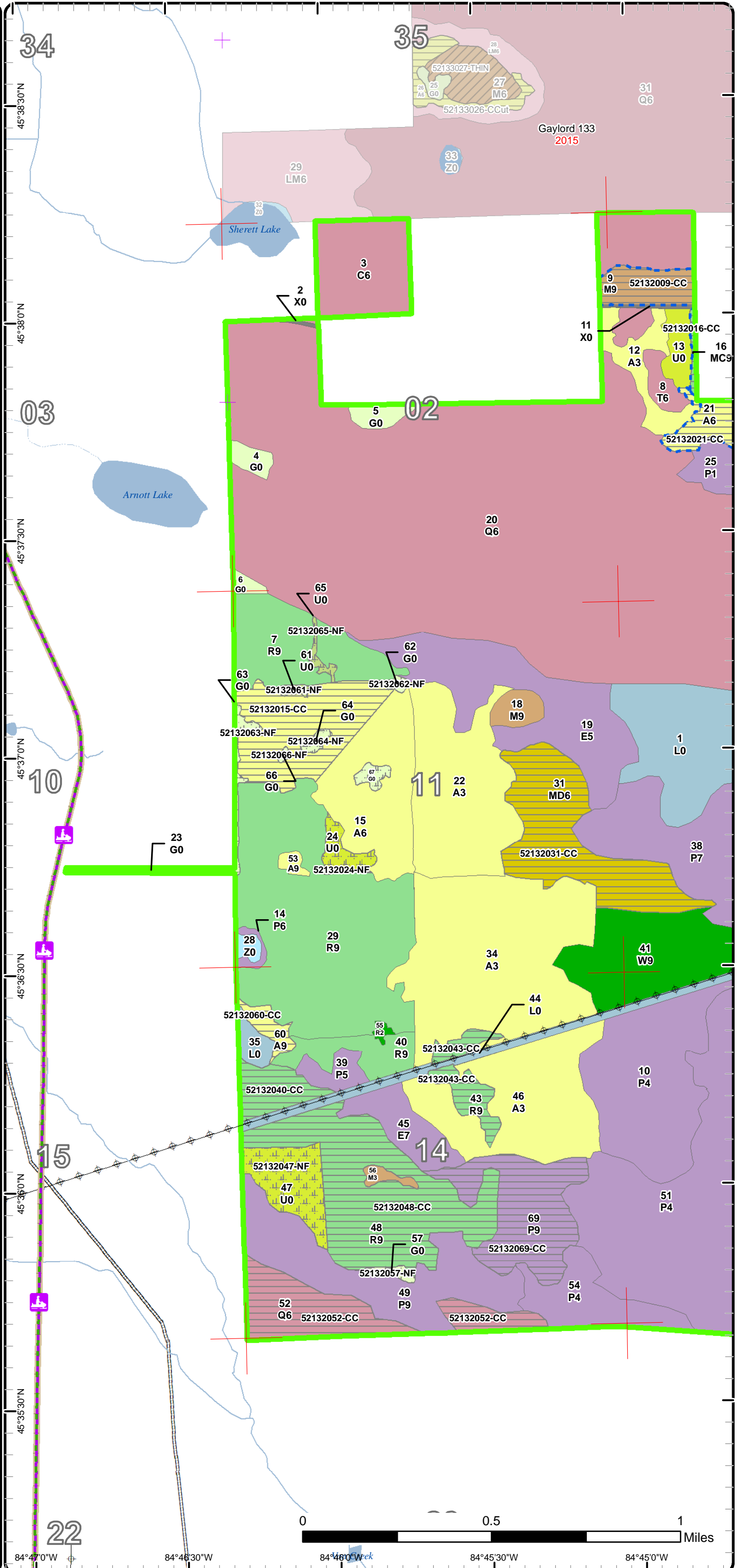


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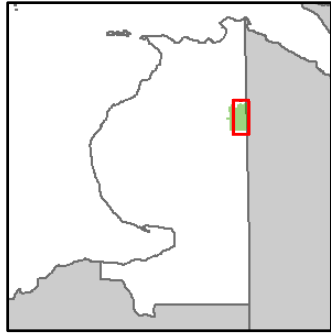


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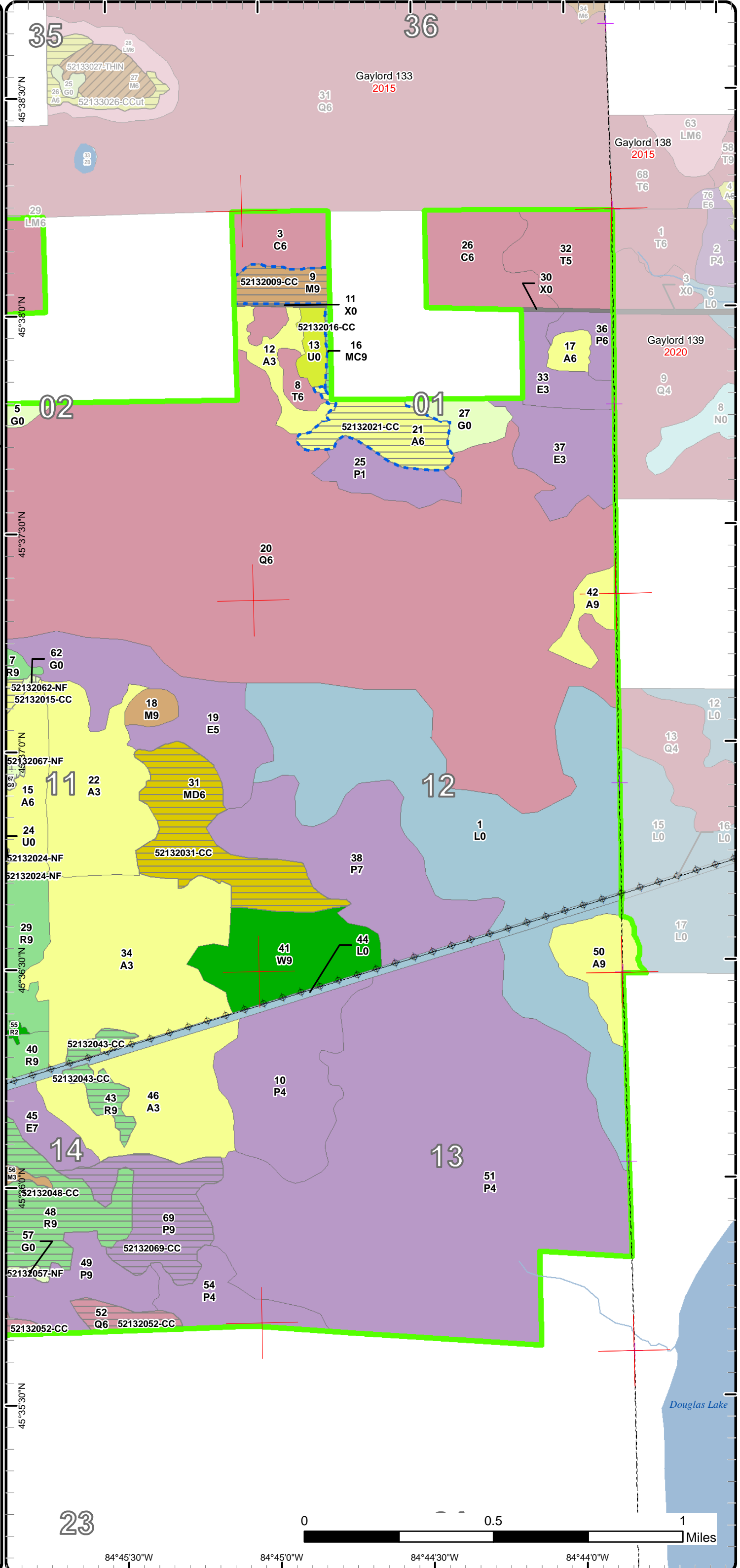


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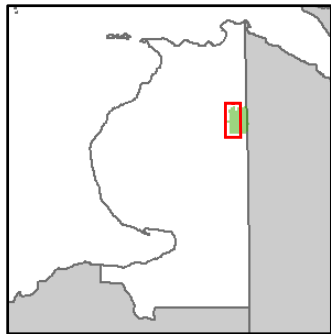


- Miris Corners
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- Lakes and Rivers All
- ⊕ Powerline
- ▭ Compartment Boundary
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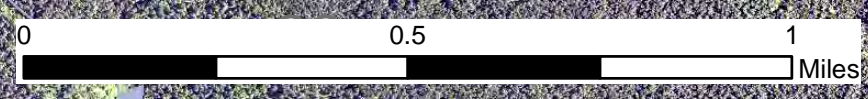
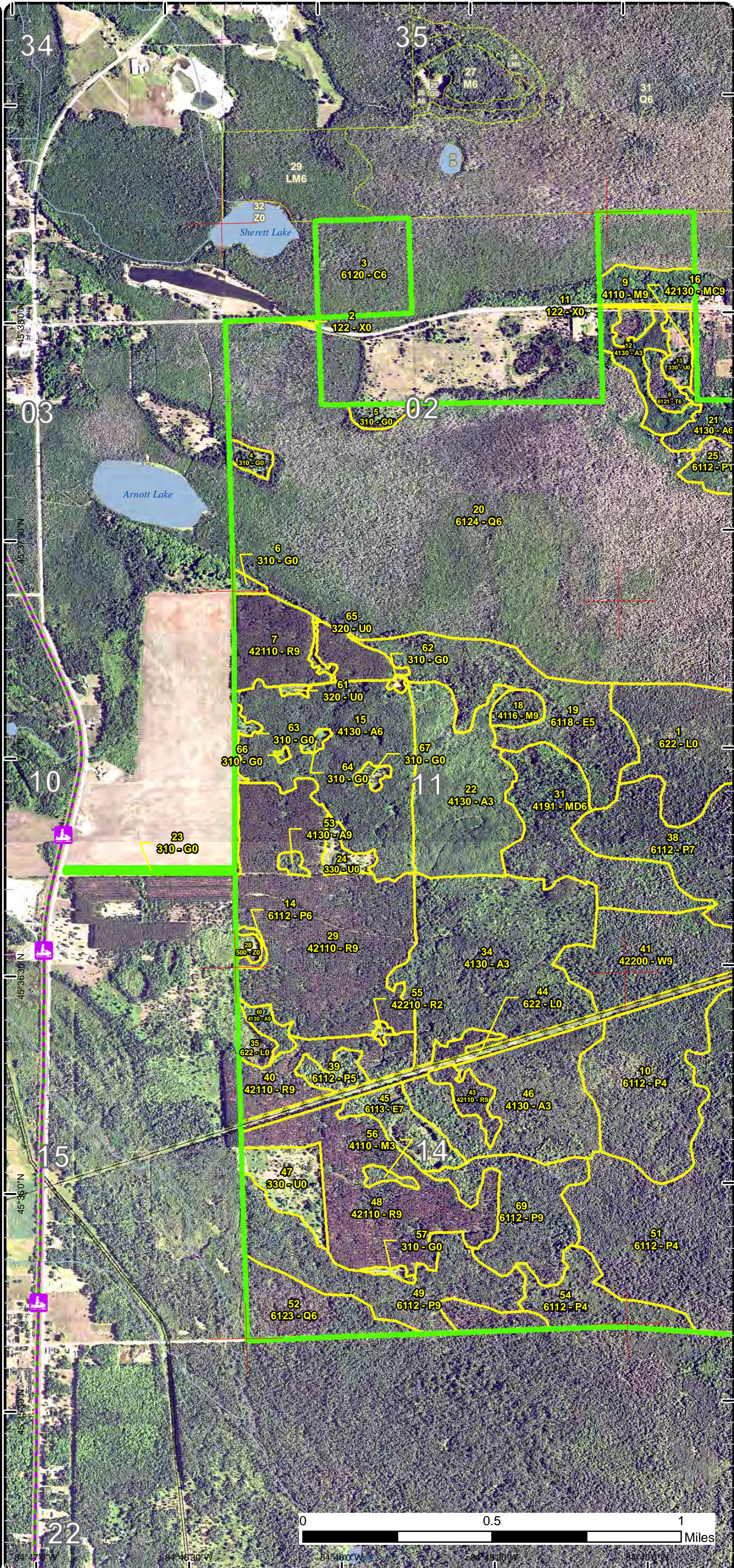


Stand Boundary Map

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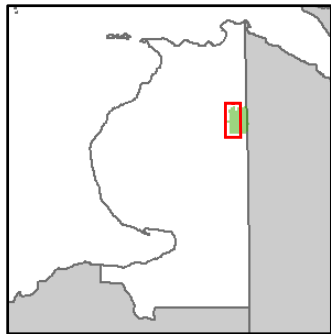
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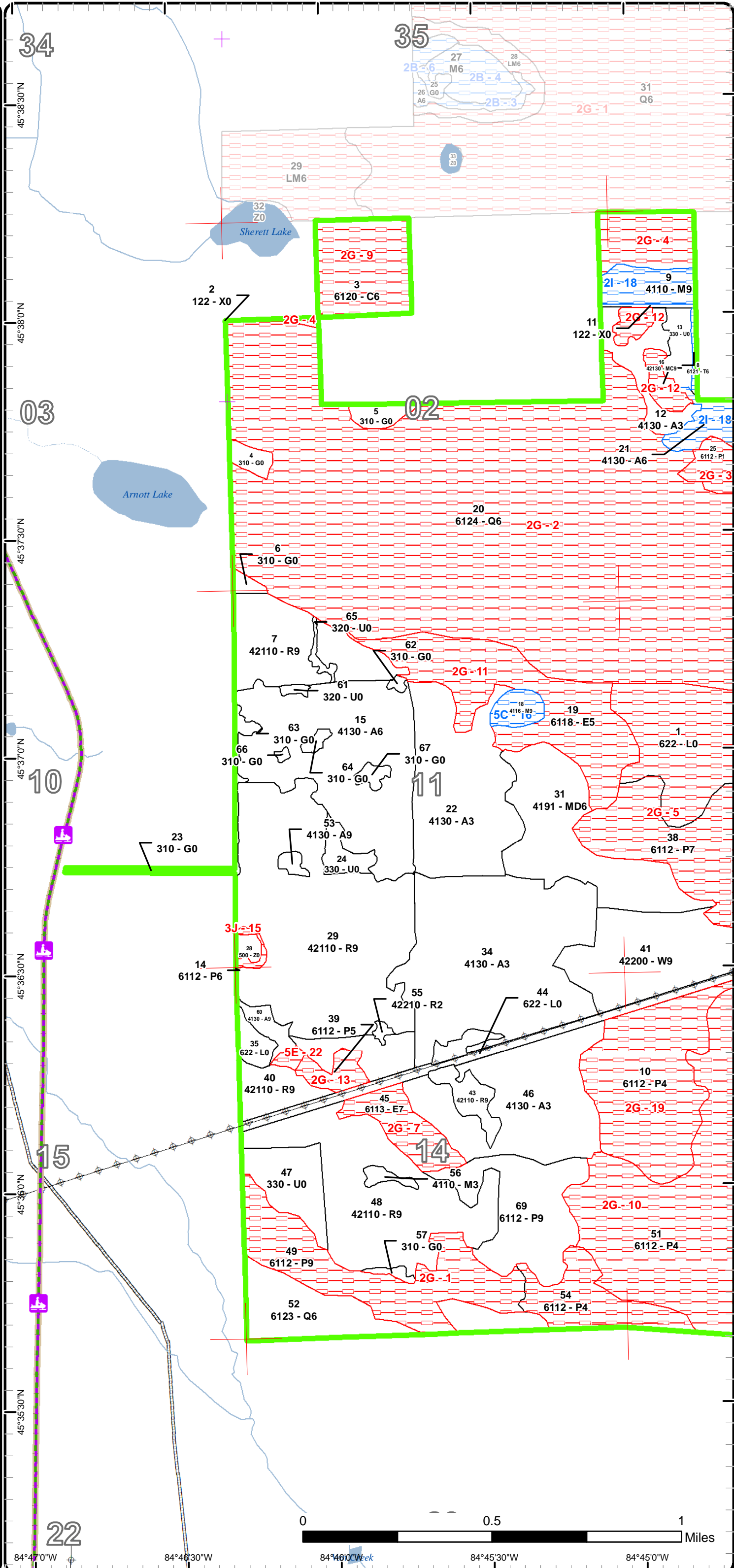
94°47'0"W 94°46'30"W 94°46'0"W 94°45'30"W 94°45'0"W

Special Conservation Areas & Site Conditions Map

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- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2G: Too wet (sensitive soils, does not include access issues)
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	91	0	304	0	34	0	6	0	29	15	0	0	0	0	0	0	479
Cedar	0	0	0	0	0	0	0	0	0	0	108	0	0	0	0	0	0	0	108
Herbaceous Openland	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Low-Density Trees	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Lowland Aspen/Balsam Poplar	0	0	0	24	11	30	556	116	8	0	0	0	0	0	0	0	0	105	850
Lowland Conifers	0	0	0	0	0	0	0	0	44	830	0	0	0	0	0	0	0	0	874
Lowland Deciduous	0	0	0	0	42	22	0	0	0	75	20	0	0	0	0	0	0	0	159
Lowland Shrub	298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	297
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	64
Northern Hardwood	0	0	0	3	0	0	0	15	0	7	0	0	0	0	0	0	0	0	25
Planted Mixed Pines	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Red Pine	0	0	1	0	0	14	0	310	0	0	0	0	0	0	0	0	0	0	325
Tamarack	0	0	0	0	0	0	0	0	0	12	39	0	0	0	0	0	0	0	51
Upland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Urban	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Water	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
White Pine	0	0	0	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0	58
Total	391	0	92	27	357	66	592	499	14	202	1026	15	0	0	0	0	0	105	3385



Report 2 – Treatment Summary

Gaylord Mgt. Unit

Year of Entry: 2021

Acres of Harvest

Compartment 132

Total Compartment Acres: 3,384

Commercial Harvest - 327
 Harvests with Site Condition - 49
 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	85	0	0	0	0	0	0	0	0	85
Lowland Aspen/Balsam Poplar	49	0	0	0	0	0	0	0	0	49
Lowland Conifers	44	0	0	0	0	0	0	0	0	44
Mixed Upland Deciduous	64	0	0	0	0	0	0	0	0	64
Northern Hardwood	15	0	0	0	0	0	0	0	0	15
Planted Mixed Pines	2	0	0	0	0	0	0	0	0	2
Red Pine	117	0	0	0	0	0	0	0	0	117
Total	375	0	0	0	0	0	0	0	0	375

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	375	0	0	0	0	0	0	45	0	420
Next Step	0	206	103	0	0	206	478	0	0	993
Total	375	206	103	0	0	206	478	0	45	1413



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
9	52132009-CC	15.3	4110 - Sugar Maple Association	Sawtimber Well	66	111- 140	Harvest	Clearcut with Retention	411 - Northern Hardwood	Even-Aged	Draft Field Boundary

Habitat Cut: No **Site Condition: Survey Needed**

Prescription Clearcut everything 2" DBH and up. Leave retention in pockets.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of northern hardwoods and aspen.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

15	52132015-CC	47.3	4130 - Aspen	Poletimber Well	37	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition:**

Prescription Clearcut everything 2" DBH and up. Leave retention in pockets.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

16	52132016-CC	1.9	42130 - Planted Scotch Pine	Sawtimber Well	56	111- 140	Harvest	Clearcut	330 - Low- Density Trees		Draft Field Boundary
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Habitat Cut: No **Site Condition: Survey Needed**

Prescription Clearcut all species 2" DBH and up.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Upland species not dominated by scotch pine.

Regen:

Other

Survey will be needed, no corners found. Harvest with stand 21.

Comment:

Proposed Start Date: 10/1 /2020

21	52132021-CC	31.6	4130 - Aspen	Poletimber Well	51	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Draft Field Boundary
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Habitat Cut: No **Site Condition: Survey Needed**

Prescription Clearcut all species 2" DBH and greater. Possibly leave some retention around small vernal pond in the west part of the stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020



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
24	52132024-NF	7.2	330 - Low-Density Trees	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

31	52132031-CC	63.5	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	80	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut everything to a minimum DBH of 2". Leave retention in pockets.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Minimum stocking of aspen, red maple and balsam fir.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

40	52132040-CC	14.6	42110 - Planted Red Pine	Sawtimber Well	63	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 Cut all species > 2" DBH. Assure stumps are cut low and slash is minimized to facilitate subsequent planting operations.

Specs:

Next Step

SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Aerial - Site Prep; Planting, Initial Plant; Monitoring, Artificial Regen(1yr);

Treatments: Pesticide, Aerial - Release; Monitoring, Artificial Regen(3yr)

Acceptable

Minimum stocking level of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

43	52132043-CC	14.2	42110 - Planted Red Pine	Sawtimber Well	41	81-110	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut everything 2" DBH and up. No retention due to small stand size.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable

Minimum stocking of aspen and maple.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020



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	52132047-NF	22.5	330 - Low-Density Trees	Nonstocked			NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

48	52132048-CC	88.3	42110 - Planted Red Pine	Sawtimber Well	63	111- 140	Harvest	Clearcut with Retention	4211 - Planted Red Pine	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Cut all species > 2" DBH. Assure stumps are cut low and slash is minimized to facilitate subsequent planting operations.

Specs:

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

Treatments: Pesticide, Aerial - Release; Monitoring, Artificial Regen(3yr)

Acceptable Minimum stocking of red pine.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

52	52132052-CC	43.8	6123 - Lowland Fir	Poetimber Well	83	111- 140	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Clearcut to 2" DBH leaving retention in pockets.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen, fir and spruce.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

57	52132057-NF	1.7	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No**Site Condition:**

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020



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
60	52132060-CC	5.8	4130 - Aspen	Sawtimber Well	79	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Clearcut everything 2"DBH and up. No retention.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

61	52132061-NF	1.2	320 - Upland Shrub	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

62	52132062-NF	1.0	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

63	52132063-NF	4.4	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020



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	52132064-NF	1.8	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2020

65	52132065-NF	1.9	320 - Upland Shrub Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
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Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2020

66	52132066-NF	0.6	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
----	-------------	-----	------------------------------	------------	---	--	--------------	-----------------	---------------------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2020

67	52132067-NF	2.7	310 - Herbaceous Openland	Nonstocked	0		NonForestMgt	Other - Specify	310 - Herbaceous Openland		Draft Field Boundary
----	-------------	-----	------------------------------	------------	---	--	--------------	-----------------	---------------------------------	--	-------------------------

Habitat Cut: No

Site Condition:

Prescription Brush, mow, plant, burn and/or herbicide to maintain opening. Planting of hard and soft mast.
Specs:

Next Step
Treatments:

Acceptable
Regen:

Other
Comment:

Proposed Start Date: 10/1 /2020



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
69 52132069-CC	49.1	6112 - Lowland Aspen	Sawtimber Well	60	81-110	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	Draft Field Boundary

Habitat Cut: No

Site Condition:

Prescription Clearcut everything 2" DBH and up. Leave retention in pockets. Seasonal restriction may be necessary due to wet soil.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Minimum stocking of aspen, maple and fir.

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

**Total Treatment
Acreage Proposed: 420.4**

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 132
Year of Entry: 2021

Availability for Management

Total Acres	Acres Available	Acres Avail		Acres Not Available		Dominant Site Conditions						
		With Condition				2I	5C	2A	2G	2H	3J	5E
478	403	32		44	Aspen	32		15	0	29		
108	0	0		108	Cedar				108			
44	44	0		0	Herbaceous Openland				0			
38	38	0		0	Low-Density Trees							
849	61	0		789	Lowland Aspen/Balsam Poplar				787		2	
874	44	0		830	Lowland Conifers				830			
159	22	0		137	Lowland Deciduous		0		137			
298	38	0		259	Lowland Shrub				259			
63	63	0		0	Mixed Upland Deciduous				0			
25	3	23		0	Northern Hardwood	15	7		0			
2	0	2		0	Planted Mixed Pines	2						
326	324	0		2	Red Pine				0		0	2
50	0	0		50	Tamarack				50			
3	3	0		0	Upland Shrub				0			
5	5	0		0	Urban				0			
3	3	0		0	Water						0	
58	58	0		0	White Pine				0			
3,384	1,108	56		2,220	Total Forested Acres	49	7	15	2,172	29	2	2
	33%	2%		66%	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	2G: Too wet (sensitive soils, does not include access issues)	97	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 132
Year of Entry: 2021

2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	843	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	207	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	46	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 132
Year of Entry: 2021

7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	20				
Comments:							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	36	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	40	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	523	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	75				
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 132
Year of Entry: 2021

12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	96	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
17	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	42				
Comments:							

Report 4 – Site Conditions

Gaylord Mgt. Unit
Shannon Harig : Examiner

Compartment: 132
Year of Entry: 2021

18	Available	2I: Survey needed	49	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	79	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	29	2B: Unknown if access through adjacent landowner(s) is possible	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2A: Adjacent landowner denied access	15	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	5E: Long-Term Retention	2	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				



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
1	622 - Lowland Shrub	Nonstocked	262.5	0	Unspecified	No	Wet, a lot standing dead cedar.																																
2	122 - Road/Parking Lot	Nonstocked	1.0			No																																	
3	6120 - Lowland Cedar	Poletimber Well	65.1	92	81-110	N/A	Small diameters. Looks healthy.																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black Spruce</td> <td>7</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>83</td> <td>Pole/Sapling</td> <td>6</td> <td>92</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black Spruce	7	Pole	8		Northern White Cedar	83	Pole/Sapling	6	92	Tamarack	10	Pole	8		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	Variable	Sapling						
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4	310 - Herbaceous Openland	Nonstocked	4.7			No																																	
5	310 - Herbaceous Openland	Nonstocked	5.8			No																																	
6	310 - Herbaceous Openland	Nonstocked	2.4			No	Some cherry, aspen and red pine scattered through stand.																																
7	42110 - Planted Red Pine	Sawtimber Well	44.6	63	141-170	N/A	BA = 154																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole</td> <td>12</td> <td>63</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole	12	63	<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black Cherry</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Maple (spp.)</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Canopy Species	Density	Avg. Height	Size	Black Cherry	Low	Variable	Sapling	Maple (spp.)	Low	Variable	Sapling												
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Black Cherry	Low	Variable	Sapling																																				
Maple (spp.)	Low	Variable	Sapling																																				
8	6121 - Tamarack	Poletimber Well	11.6	82	81-110	N/A	Lack of vigor in tamarack, the rest looks healthy.																																
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9	4110 - Sugar Maple Association	Sawtimber Well	15.3	66	111-140	N/A	Some trees moving into log class. More aspen on west end of stand. Very few quality stems.																																
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10	6112 - Lowland Aspen	Poletimber Poor	79.1	51	1-50	N/A	Wet.																																
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11	122 - Road/Parking Lot	Nonstocked	1.5			No																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
12	4130 - Aspen	Sapling Well	17.4	16	1-50	N/A	Good aspen regen.																																									
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13	330 - Low-Density Trees	Nonstocked	8.7			No																																										
14	6112 - Lowland Aspen	Poletimber Well	2.1	50	81-110	N/A																																										
15	4130 - Aspen	Poletimber Well	99.8	37	81-110	N/A																																										
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16	42130 - Planted Scotch Pine	Sawtimber Well	1.9	56	111-140	N/A	Old X-mas tree plantation. Will need survey.																																									
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17	4139 - Aspen, Mixed Deciduous	Poletimber Well	7.0	33	81-110	N/A	This stand is a couple feet higher than surrounding stands. Decent aspen and maple, a few very large maple and aspen along the south edge of the stand.																																									
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18	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	7.3	80	111-140	N/A	Fair quality red maple and aspen.																																									
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19	6118 - Lowland Deciduous with Cedar	Poletimber Medium	75.1	84	51-80	N/A	All species are showing signs of mortality/decline. A lot of blowdown.																																									
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20	6124 - Lowland Spruce-Fir	Poletimber Well	830.3	99	1-50	N/A	Fair amount of mortality and blowdown. Converting to fir in some areas. Some tamarack and paper birch regen.																																									
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21	4130 - Aspen	Poletimber Well	31.6	51	81-110	N/A	Healthy, vigorous stand.																																	
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22	4130 - Aspen	Sapling Well	73.8	14	Immature	N/A	Good regeneration in most of stand. A lot of the cedar that was left during the last harvest has blown down.																																	
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23	310 - Herbaceous Openland	Nonstocked	3.8			No	Recently purchased 66' wide access corridor. Planted several rows of spruce on both sides to help delineate boundaries.																																	
24	330 - Low-Density Trees	Nonstocked	7.2			No	Cherry and aspen poles scattered through stand. There is also a lot of red pine seeding into the stand.																																	
25	6112 - Lowland Aspen	Sapling Poor	23.9	25		N/A	A lot of blowdown. Standing dead aspen (pole/log) and cedar.																																	
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26	6120 - Lowland Cedar	Poletimber Well	43.3	96	201+	N/A	Some log size cedar. A lot of wind thrown cedar. Some mortality.																																	
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27	310 - Herbaceous Openland	Nonstocked	15.0			No																																		
28	500 - Water	Nonstocked	2.7			No	Water, some cattails.																																	
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29	42110 - Planted Red Pine	Sawtimber Well	145.4	63	111-140	N/A	Quality stems. BA = 120																																	
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30	122 - Road/Parking Lot	Nonstocked	2.3			No																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
31	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	63.5	80	51-80	N/A	Decent red maple and aspen. May be a little wet in some areas though it is still accessible.																																	
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32	6121 - Tamarack	Poletimber Medium	38.7	91	141-170	N/A	Some windthrow.																																	
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33	6115 - Lowland Ash	Sapling Well	21.7	43	1-50	N/A	Very thick black ash saplings.																																	
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34	4130 - Aspen	Sapling Well	125.3	30	1-50	N/A	Some black cherry and red maple in understory. Good looking stand.																																	
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35	622 - Lowland Shrub	Nonstocked	6.0			No	Water and willow.																																	
36	6112 - Lowland Aspen	Poletimber Well	10.7	33	Immature	N/A	Good aspen regen.																																	
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37	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	42.0	34	Immature	N/A																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	6112 - Lowland Aspen	Sawtimber Poor	104.6	90	Unspecified	N/A	Larger trees showing signs of mortality and decline.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Quaking Aspen		85	Log/Pole	10	90	Density	
Balsam Fir		10	Pole	8		Avg. Height	
						Size	
Quaking Aspen						Sapling	
Balsam Poplar						Sapling	
Tag Alder						Tall Shrub	
39	6112 - Lowland Aspen	Poletimber Medium	8.3	79	51-80	N/A	
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Red Maple		15	Pole	8		Density	
Quaking Aspen		75	Pole/Log	8		Avg. Height	
Balsam Poplar		10	Pole	9		Size	
						Sapling	
Tag Alder						Tall Shrub	
40	42110 - Planted Red Pine	Sawtimber Well	32.0	63	81-110	N/A	Good quality stems. Understory is not too heavy.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Red Pine		97	Log/Pole	13	63	Density	
						Avg. Height	
						Size	
Bigtooth Aspen						Sapling	
Red Maple						Sapling	
Beech						Sapling	
41	42200 - Natural White Pine	Sawtimber Well	57.6	68	111-140	N/A	Looks healthy.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
White Pine		78	Log	14	68	Density	
Red Pine		8	Log	14		Avg. Height	
						Size	
Viburnum						Tall Shrub	
Quaking Aspen						Sapling	
42	4130 - Aspen	Sawtimber Well	14.6	100	81-110	N/A	Looks healthy. Only access through private to the east.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Quaking Aspen		25	Log/Pole	12		Density	
Bigtooth Aspen		60	Log/Pole	12	100	Avg. Height	
Balsam Fir		15	Pole	6		Size	
						Sapling	
43	42110 - Planted Red Pine	Sawtimber Well	14.2	41	81-110	N/A	A lot of porky damage. Low quality stems.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Red Pine		100	Log/Pole	10	41	Density	
						Avg. Height	
						Size	
Red Maple						Sapling	
44	622 - Lowland Shrub	Nonstocked	29.3			No	
45	6113 - Lowland Maple	Sawtimber Poor	20.1	90	81-110	N/A	Poor quality red maple. Some mortality.
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	
Red Maple		80	Log/Pole	12	90	Density	
Quaking Aspen		20	Log/Pole	12	90	Avg. Height	
						Size	
Red Maple						Sapling	
Tag Alder						Tall Shrub	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
46	4130 - Aspen	Sapling Well	71.9	30	1-50	N/A	Some black cherry and red maple in understory.																																	
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47	330 - Low-Density Trees	Nonstocked	22.5			No	Filling in with cherry and aspen and a little white pine.																																	
48	42110 - Planted Red Pine	Sawtimber Well	88.3	63	111-140	N/A	Good quality stems, good access.																																	
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50	4130 - Aspen	Sawtimber Well	29.0	94	111-140	N/A	No Access.																																	
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51	6112 - Lowland Aspen	Poletimber Poor	474.8	51	1-50	N/A	Some mortality. Live trees lack vigor.																																	
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52	6123 - Lowland Fir	Poletimber Well	43.8	83	111-140	N/A																																		
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
53	4130 - Aspen	Sawtimber Well	2.3	50	81-110	N/A			
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		90	Log/Pole	10	50	Quaking Aspen	Low	Variable	Sapling
Red Maple		10	Pole	8					
54	6112 - Lowland Aspen	Poletimber Poor	30.4	40	1-50	N/A	Very wet.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Quaking Aspen		100	Pole	9	40	Tag Alder	Full	5 - 10 feet	Tall Shrub
55	42210 - Natural Red Pine	Sapling Medium	1.2	11	Immature	N/A	Old landing, filling in with red pine.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Pine		95	Sapling	2	11	Red Maple	Low	Variable	Sapling
56	4110 - Sugar Maple Association	Sapling Well	2.7	21	Immature	N/A			
Canopy Species		% Cover	Size Class	DBH	Age				
Black Cherry		92	Sapling	3	21				
57	310 - Herbaceous Openland	Nonstocked	1.7	0		No			
60	4130 - Aspen	Sawtimber Well	5.8	79	81-110	N/A	Some wet areas.		
Canopy Species		% Cover	Size Class	DBH	Age	Canopy Species	Density	Avg. Height	Size
Red Maple		15	Pole	8		Red Maple	Medium	Variable	Sapling
Quaking Aspen		30	Log/Pole	11		Serviceberry (Juneberry)	Low	Variable	Sapling
Bigtooth Aspen		55	Log	14	79				
61	320 - Upland Shrub	Nonstocked	1.2	0		No			
62	310 - Herbaceous Openland	Nonstocked	1.0	0		No			
63	310 - Herbaceous Openland	Nonstocked	4.4	0		No	Filling in with aspen and cherry.		
64	310 - Herbaceous Openland	Nonstocked	1.8	0		No			
65	320 - Upland Shrub	Nonstocked	1.9	0		No			
66	310 - Herbaceous Openland	Nonstocked	0.6	0		No			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
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67	310 - Herbaceous Openland	Nonstocked	2.7	0		No	
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69	6112 - Lowland Aspen	Sawtimber Well	49.1	60	81-110	N/A	Soils are seasonally wet, aspen still looks healthy.
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Canopy Species					% Cover	Size Class	DBH	Age	Canopy Species				Density	Avg. Height	Size
Quaking Aspen					83	Log/Pole	10	60	Balsam Fir		Low	Variable	Sapling		
Red Maple					10	Pole	8		Red Maple		Medium	Variable	Sapling		