



Compartment Review Presentation

Gwinn Forest Management Unit

Compartment 32257

Entry Year 2020

Acreage: 1,210

County Marquette

Management Area: Chain Lakes Moraine

Revision Date: 2018-08-06

Stand Examiner: Rick Hill

Legal Description:

T47N-R27W Sections 3 and 4

Identified Planning Goals:

Vegetative management in the Chain Lake management area will provide a variety of forest products; maintain or enhance wildlife habitat; protect areas with unique characteristics; and provide for forest based recreational uses. Timber management objectives for the 10-year planning period include improving the age-class distribution of aspen, lowland conifer and lowland spruce/fir; maintaining the conifer component in northern hardwood stands; maintaining the presence of minor cover types on the landscape; and maintaining non-forest vegetation types. Wildlife management objectives include increasing diversity and long-term oak sustainability through under planting white and red pine; and to maintain or increase wildlife corridors especially along riparian areas. Management activities may be constrained by site conditions and the skewed age-class distributions. Balancing age classes and oak regeneration will be priority issues in this 10-year planning period.

Soil and topography:

Soils range from poorly drained loamy sands to dry course sands, to organic mucks and peats. Topography ranges from level to moderately hilly.

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

There is state ownership on the north and east sides of the compartment. To the south and east are the Northwoods club and some smaller landowners. Land use is primarily forestry and passive recreation.

Unique Natural Features:

Three small lakes are present within the compartment, these lakes form the headwaters of Flopper Creek. this compartment is also located within the Sothern fringe of the green hills an area with more topography then the surrounding area.

Archeological, Historical, and Cultural Features:

There are no known sites.

Special Management Designations or Considerations:

Stands along the flopper creek and around lakes will be managed to protect riparian areas.

Watershed and Fisheries Considerations:

The southwestern region of this compartment contains an unnamed waterbody and an unnamed stream which serve as tributaries to Big Bass Lake. A 100' plus 5' per 1% increase in slope; buffer is recommended to protect shoreland areas adjacent to the unnamed waterbody (specifically stand 20). A 300' buffer is recommended for the unnamed stream in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices (specifically stands 24 and 42).

The northeastern region of this compartment contains Flopper Pond (also referred to as Hemmings Lake), two additional unnamed waterbodies, and Flopper Creek, all of which serve as tributaries to Bear Creek. 100' plus 5' per 1% increase in slope; buffers are recommended for Flopper Pond and other unnamed waterbodies to protect shoreland areas. Flopper Creek is a designated Type1 trout stream less than 50' width. A 300' buffer is recommended for Flopper Creek in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

Compartment 257 is found within the Chain Lakes Moraine Management Area; on a Disintegration Moraine in Southwestern Marquette County. The dominant Natural Communities are dry mesic northern forests, poor conifer swamps, and mesic northern forests. This management area offers opportunities to increase diversity and perhaps long-term oak sustainability through under planting white and red pine. Another priority is to maintain or increase wildlife

corridors especially along riparian corridors. Wildlife management issues in the management area are: mast (hard and soft); habitat fragmentation; mature forest conditions; mesic conifer; coarse woody debris; and retention or development of large living and dead standing trees (for cavities). This management area represents approximately ¼ of the oak resource on WUP state forest.

The following have been identified as featured species for the Chain Lakes Management Area: black bear, gray jay, pileated woodpecker, Northern goshawk, red crossbill.

Mineral Resource and Development Concerns and/or Restrictions

Sand/gravel pits are not located in the area, but there appears to be good sand & gravel potential within the compartment. There is no known metallic mineral potential in this area, though there has been metallic mineral leasing in the area in the past. There is no potential for economical oil and gas production in the UP. The state does not own any of the mineral rights beneath the compartment. Private mineral rights owners must be allowed reasonable access to the land should they choose to explore and/or develop the minerals.

Vehicle Access:

Hemmings lake road bisects the compartment. There are a number of two tracks that access rest of the compartment. Some roads are bermed but still can be used for sale access.

Survey Needs:

Any survey needed for timber sales will be submitted after compartment review.

Recreational Facilities and Opportunities:

There are no developed recreation sites in this compartment. Dispersed recreation in the form of hunting, fishing, and ORVing are popular here however.

Fire Protection:

Fire potential in this compartment is moderate to high. This compartment has droughty sandy soils. Access is slowed by the condition of Hemmings Lake Road. Some hills in the compartment may pose issues for standard operations. Fire potential in this area is helped by the relative absence of pine fuel types.

Additional Compartment Information:

The following reports from the Inventory are attached:

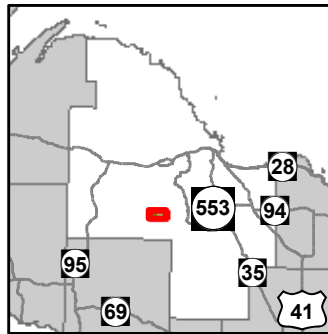
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

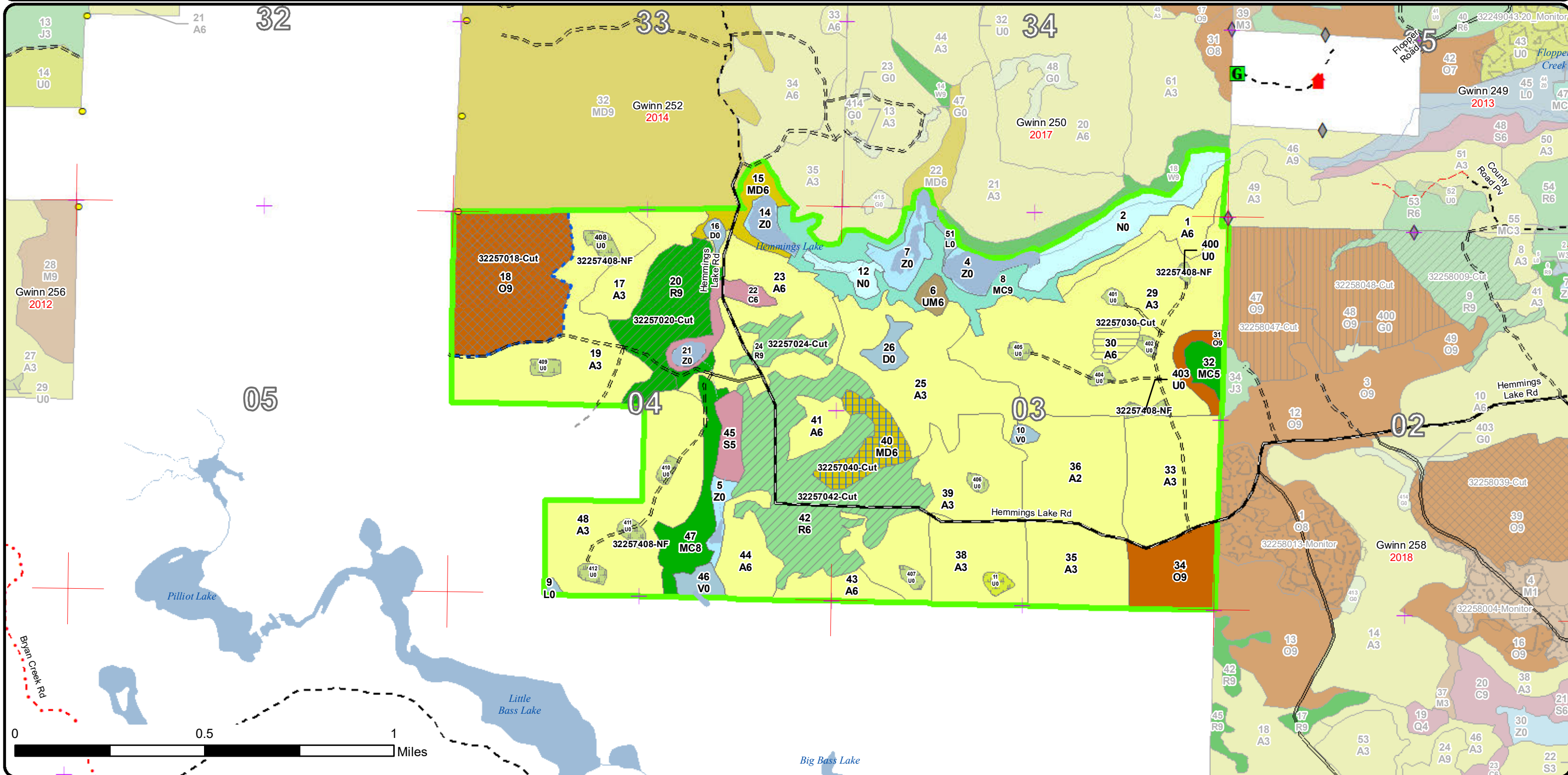
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments Map

Compartment: 257
 T45N, R27W, Sec: 03, 04,
 T46N, R27W, Sec: 33, 34
 County: Marquette
 Unit: Gwinn
 Mgmt Area: Chain Lakes Moraine
 YOE: 2020
 Acres: 1,210 GIS Calculated
 Examiner: Rick Hill
 Map Revised: 8/20/2018
 Map Phase: Web-Post

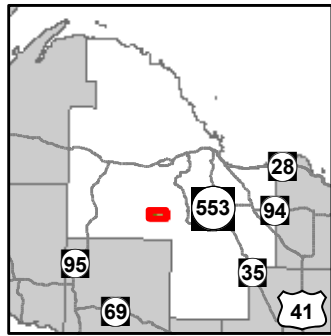


- Miris Corners
- + Remonumented Section Corners
- Survey Grade Corners
- ◆ Field Grade Corners
- Counties
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State - Dirt / Gravel Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Dirt / Gravel Road
- Cabin
- G Gate
- Structures
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Treatments with Site Conditions
- Other Treatment - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Seed Tree (w/Reserves)
- Thinning (Crown, Low, Systematic)
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- Lakes

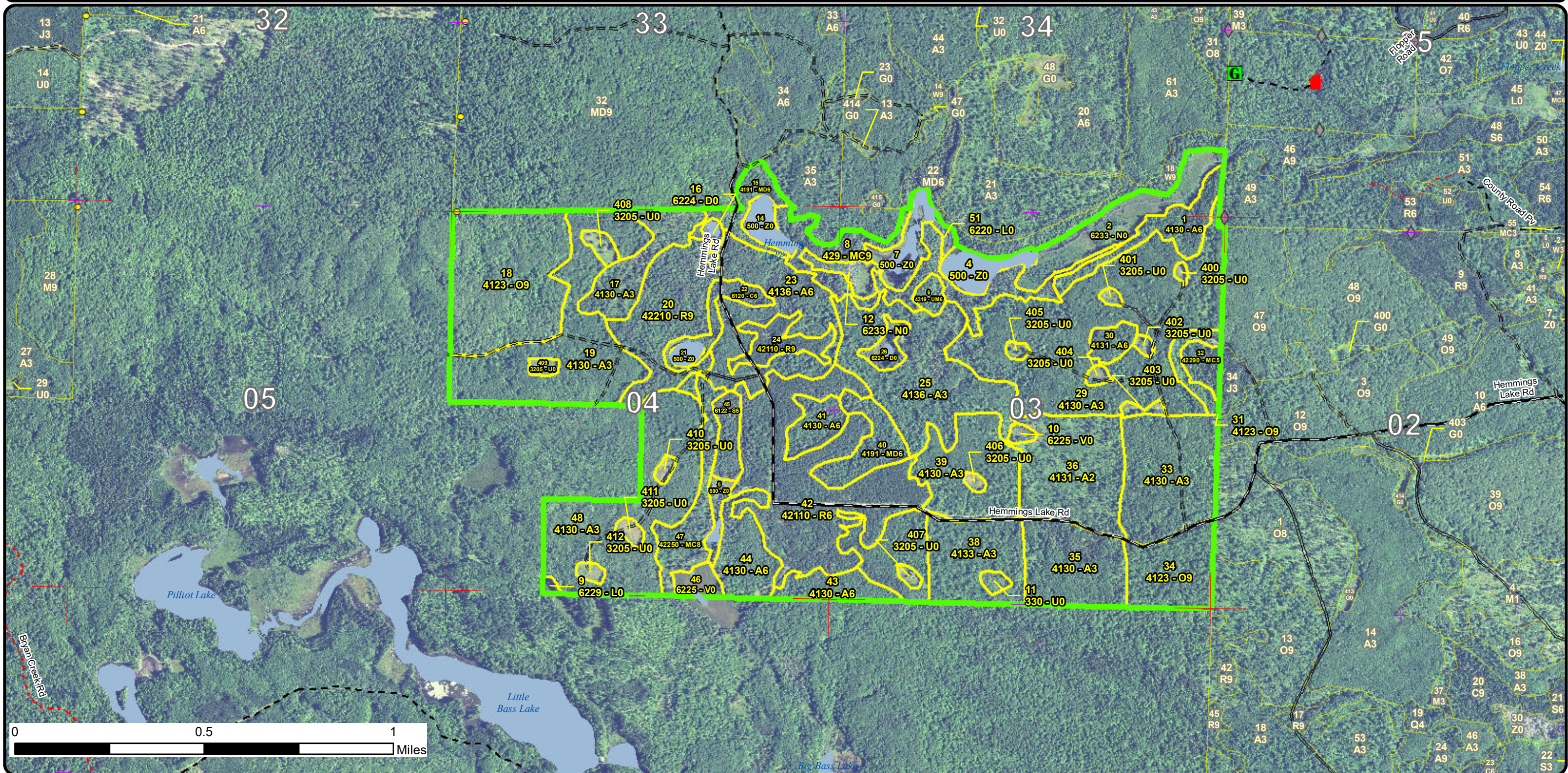


Stand Boundary Map

Compartment: 257
 T45N, R27W, Sec: 03, 04,
 T46N, R27W, Sec: 33, 34
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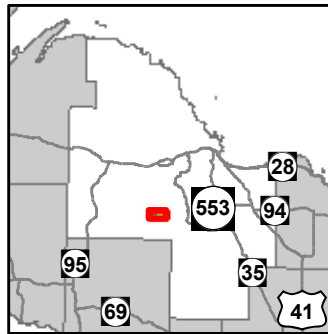


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- Cabin
- G Gate
- Structures
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Stand Boundaries
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 612 - Lowland Coniferous Forest
- 320 - Upland Shrub
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

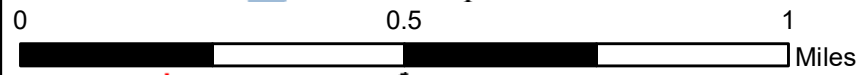
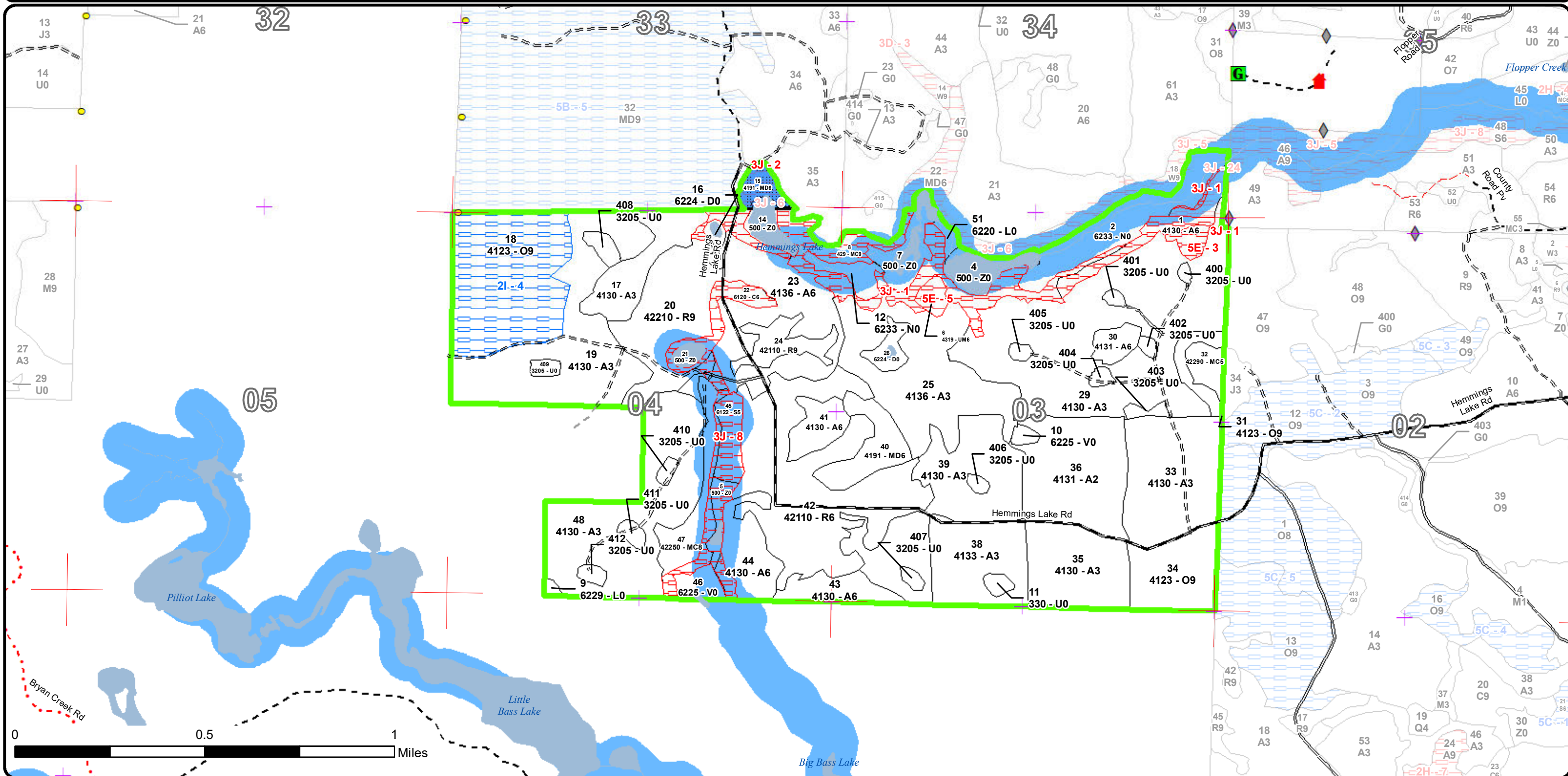


Special Conservation Areas & Site Conditions Map

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 T46N, R27W, Sec: 33, 34
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- G Gate
- 🏠 Structures
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers All
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- SCA
- Cold Water Streams
- Cold Water Lakes
- High Priority Trout Stream Buffer
- Riparian Area



Report 1 – Total Acres by Cover Type and Age Class

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment 257 Year of Entry 2020



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	73	100	335	184	0	0	0	0	18	6	0	0	0	0	0	0	0	716
Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Low-Density Trees	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Lowland Shrub	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Lowland Spruce/Fir	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	9
Marsh	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	17	12	0	0	0	0	0	0	0	29
Natural Mixed Pines	0	0	0	0	7	0	0	0	22	0	0	0	0	0	0	0	0	0	29
Oak	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	76	105
Red Pine	0	0	0	0	0	0	106	0	43	0	0	0	0	0	0	0	0	0	149
Treed Bog	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Upland Conifers	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	40
Upland Mixed Forest	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
Upland Shrub	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Water	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38
Total	119	73	100	335	191	0	106	0	103	35	62	0	0	0	0	0	0	86	1210



Report 2 – Treatment Summary

Gwinn Mgt. Unit

Year of Entry: 2020

Acres of Harvest

Compartment 257

Total Compartment Acres: 1,210

Commercial Harvest - 170
 Harvests with Site Condition - 69
 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	6	0	0	0	0	0	0	0	0	6
Mixed Upland Deciduous	0	0	0	17	0	0	0	0	0	17
Oak	0	69	0	0	0	0	0	0	0	69
Red Pine	0	0	0	0	0	147	0	0	0	147
Total	6	69	0	17	0	147	0	0	0	239

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	239	0	0	0	0	0	0	0	26	265
Next Step	0	0	0	0	0	0	93	0	0	93
Total	239	0	0	0	0	0	93	0	26	358



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
18	32257018-Cut	69.1	4123 - Red Oak	Sawtimber Well	95	111- 140	Harvest	Group Selection	412 - Oak Types	Uneven- Aged	Proposal

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

Prescription Cut using a selection system. Target 70 Square feet of residual. In general, use the complete marker as a guide. Try to improve stand quality by marking doubles and trees with obvious defect. Focus on the removal of maple as this is more of an oak site. Make gaps where possible around oak to try and get some oak regeneration. Avoid marking white pine and other conifer species present within stand.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Oak

Regen:

Other Wildlife - Retain all White Pine – Black Bear, leave some trees with obvious defects for wildlife habitat. –State Game Fund Purchased

Comment:

Proposed Start Date: 10/01/2019

20	32257020-Cut	40.6	42210 - Natural Red Pine	Sawtimber Well	79	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:**

Prescription Thin stand to 100 square feet. Trees showing defect and that are suppressed should be marked first, then spacing should be considered in removal order. Leave all oak for diversity and for wildlife value.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Wildlife - All Red Oak (8%) should be retained and leave some trees with obvious defects for wildlife habitat, No over-sized white pine should be harvested – Black Bear –State Game Fund Purchased

Comment:

Proposed Start Date: 10/01/2019

24	32257024-Cut	12.0	42110 - Planted Red Pine	Sawtimber Well	58	141- 170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:**

Prescription Thin stand to 100 square feet. Trees showing defect and that are suppressed should be marked first, then spacing should be considered in removal order. Avoid marking oak present within stand.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Wildlife - All Red Oak (3%) should be retained and leave some trees with obvious defects for wildlife habitat, –State Game Fund Purchased

Comment:

Proposed Start Date: 10/01/2019

30	32257030-Cut	6.3	4131 - Aspen, Oak	Poletimber Well	92	51-80	Harvest	Clearcut with Retention	4199 - Other Mixed Upland Deciduous	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:**

Prescription Cut all trees leaving all white and red pine, Iso leave all oak unless they are needed to operate (Marked to cut). Mark wind firm healthy looking spruce to leave.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Aspen, maple, oak, mixed pine

Regen:

Other Wildlife - Retention should include as many wind firm White Spruce has available (3%) (gray jay, red crossbill, wildlife cover), Retention should also include some BT aspen – Goshawk and any oak cut should be at double the stumpage price. –State Game Fund Purchased

Comment:

Proposed Start Date: 10/01/2019

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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
40 32257040-Cut	17.3	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	80	81-110	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Cut all trees, leaving all oak and red pine, mark white pine to cut if nearly to hit an average BA of 20-50 sq. ft. Insure that some big tooth aspen are left for goshawk habitat.

Next Step Monitoring, Natural Regen (Re-Inventory)
Treatments:

Acceptable White pine, red pine, oak, maple, aspen, spruce, fir.
Regen:

Other Wildlife - Retention should also include some BT aspen – Goshawk Stand average BA should be 30 to 50 sq. ft. –State Game Fund Purchased
Comment:

Proposed Start Date: 10/01/2019

42 32257042-Cut	94.1	42110 - Planted Red Pine	Poletimber Well	57	141-170	Harvest	Crown Thinning	4211 - Planted Red Pine	Even-Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Thin stand to 100 square feet. Trees showing defect and that are suppressed should be marked first, then spacing should be considered in removal order. Avoid marking white pine and oak present within stand.

Next Step
Treatments:

Acceptable
Regen:

Other Wildlife - All Red Oak (2%) and White Pine (2%) should be retained and leave some trees with obvious defects for wildlife habitat. –State Game Fund Purchased
Comment:

Proposed Start Date: 10/01/2019

408 32257408-NF	25.6	3205 - Mixed Upland Shrub	Nonstocked	25	Immatu re	NonForestMgt	Other - Specify	3102 - Grass		Proposal
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Habitat Cut: No**Site Condition:**

Prescription Plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.

Next Step
Treatments:

Acceptable Site to be maintained as opening.
Regen:

Other Prescribe wildlife habitat maintenance activities, including: plant scattered native/non-GMO mast producing trees/shrubs as appropriate and cover crops in herbaceous openings according to local site conditions to promote forage for specified wildlife species. Hand/mechanical removal of brush/vegetation from the opening will be used to maintain the openings and hunter walking trails--current and future; disking, mowing, cultipacking, pesticide application may be used as necessary to accomplish wildlife goals. Partial completion reports will be completed annually for the duration this FTP is valid, describing completed work.
Comment:

Proposed Start Date: 10/01/2019

**Total Treatment
Acreage Proposed: 265.0**

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 257
Year of Entry: 2020

Availability for Management

Total Acres	Acres Available	Acres Avail With Condition		Acres Not Available	Dominant Site Conditions		
					2I	3J	5E
715	693	0	23	Aspen		18	4
8	8	0	0	Bog		0	
10	0	0	10	Cedar		10	
2	2	0	0	Low-Density Trees			
3	3	0	0	Lowland Shrub			
9	0	0	9	Lowland Spruce/Fir		9	
37	36	0	1	Marsh		1	
29	17	0	12	Mixed Upland Deciduous		12	
29	22	0	7	Natural Mixed Pines		7	
105	36	69	0	Oak	69		
149	148	0	1	Red Pine		1	
8	8	0	0	Treed Bog			
40	0	0	40	Upland Conifers		40	
4	0	0	4	Upland Mixed Forest			4
23	23	0	0	Upland Shrub			
38	32	0	6	Water		6	
1,210	1,027	69	113	Total Forested Acres	69	105	8
	85%	6%	9%	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	3J: Water quality / BMPs (stream, river, or lake)	55	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
2	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gwinn Mgt. Unit
Rick Hill : Examiner

Compartment: 257
Year of Entry: 2020

3	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Available	2I: Survey needed	69	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	36	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
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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 Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
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



	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	4130 - Aspen	Poletimber Well	18.0	89	111-140	Mixed forest type which is primarily a buffer strip along the Flopper Creek.
6	4319 - Mixed Upland Forest	Poletimber Well	4.0	95	111-140	Borders Frenchman's Pond and associated wetlands. Left for wildlife values.
8	429 - Mixed Upland Conifers	Sawtimber Well	40.0	96	111-140	Buffer along the Floppers Creek, Frenchmans Pond and Hemmings Lake.
15	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	11.9	95	141-170	Borders Hemmings Lake maintain as a buffer to the lake.
17	4130 - Aspen	Sapling Well	22.7	6	Immature	Harvested in 2011: TS#108-10-01. All large pines and oak retained.
18	4123 - Red Oak	Sawtimber Well	69.1	95	111-140	An oak stand showing some better quality with a mix on maple and oak. due to quality of the stand extensive work will be needed long term to regenerate this stand.
19	4130 - Aspen	Sapling Well	71.9	27	Immature	
20	42210 - Natural Red Pine	Sawtimber Well	42.8	79	141-170	Most of stand partially cut 10 to 15 years ago. F3, A3, and pine regeneration all occur as understories.
22	6120 - Lowland Cedar	Poletimber Well	10.0	116	51-80	Lowland conifer drain, that looks to have some ground water movement within it.
23	4136 - Aspen, Mixed Conifer	Poletimber Well	52.2	35	Unspecified	Large pine and oak residual in places. Aspen looks good some areas are fully stocked fir.
24	42110 - Planted Red Pine	Sawtimber Well	12.0	58	141-170	Plantation. Thinned in 2003: TS#116-00-01.
25	4136 - Aspen, Mixed Conifer	Sapling Well	65.2	15	Immature	Harvested in 2003 TS#115-00-01. Left all oak, red and white pine, spruce-fir seed trees.
29	4130 - Aspen	Sapling Well	130.1	25	Immature	
30	4131 - Aspen, Oak	Poletimber Well	6.3	92	51-80	
31	4123 - Red Oak	Sawtimber Well	7.1	82	111-140	
32	42290 - Natural Mixed Pine	Poletimber Medium	6.9	34	51-80	
33	4130 - Aspen	Sapling Well	50.3	33	Unspecified	

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Gwinn Mgt. Unit

Report 7 – Forested Stands

Compartment: 257
Year of Entry: 2020

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
34	4123 - Red Oak	Sawtimber Well	28.6	75	51-80	Harvested in 2001: TS#121-99-01. Left the oak, large pines, and 3 to 6 wildlife trees per acre. Some localities could be called an oak type with an A3 understory.
35	4130 - Aspen	Sapling Well	36.0	33	Unspecified	Contains approximately 4 acres of open or nonstocked land.
36	4131 - Aspen, Oak	Sapling Medium	49.6	6	Immature	Harvested in 2011: TS#109-10-01. Retained all large pines and oak.
38	4133 - Aspen, Mixed Pine	Sapling Well	34.4	16	Immature	Harvested in 2001: TS#121-99-01. Left the oak, large pines, and 3 to 6 wildlife trees per acre.
39	4130 - Aspen	Sapling Well	59.9	25	Immature	
40	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	17.3	80	81-110	
41	4130 - Aspen	Poletimber Well	11.2	34	Immature	Large pine and oak residual in places. F3 inclusions. Some areas non-stocked.
42	42110 - Planted Red Pine	Poletimber Well	94.1	57	141-170	Plantation. Thinned in 2003: TS#116-00-01.
43	4130 - Aspen	Poletimber Well	12.8	34	1-50	Some areas open to semi-open. W3 understory in places.
44	4130 - Aspen	Poletimber Well	21.2	34	1-50	
45	6122 - Black Spruce	Poletimber Medium	9.3	75	51-80	
47	42250 - Pine, Oak	Sawtimber Medium	22.3	75	51-80	Harvested in 2003: TS#116-00-01. Left 3 to 6 wildlife trees per acre.
48	4130 - Aspen	Sapling Well	73.3	26	Immature	



Stand	Cover Type	Acres	Managed Site	General Comments:
2	6233 - Wet Meadow	30.4	No	Wetland marsh with the Flopper Creek flowing through it.
4	500 - Water	10.4	No	Not labeled on maps but know locally as Frenchman's pond.
5	500 - Water	5.0	No	
7	500 - Water	13.0	No	Large beaver flooding.
9	6229 - Mixed lowland shrub	1.1	No	
10	6225 - Bog	1.9	No	
11	330 - Low-Density Trees	2.2	Yes	Old opening should be maintained for wildlife values.
12	6233 - Wet Meadow	6.4	No	
14	500 - Water	7.0	No	Hemmings Lake.
16	6224 - Treed Bog	2.1	No	Large kettle hole. Contains a small pond and some low land conifers around the edges.
21	500 - Water	2.5	No	
26	6224 - Treed Bog	5.7	No	Narrow band of low land conifers around the perimeter. This kettle hole contains a small pond.
46	6225 - Bog	5.8	No	
51	6220 - Alder/willow	2.3	No	
400	3205 - Mixed Upland Shrub	1.0	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
401	3205 - Mixed Upland Shrub	1.3	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
402	3205 - Mixed Upland Shrub	1.3	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
403	3205 - Mixed Upland Shrub	2.0	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94



Stand	Cover Type	Acres	Managed Site	General Comments:
404	3205 - Mixed Upland Shrub	1.7	Yes	TRAIL AND LAND DISKED AND SEEDED 8-94
405	3205 - Mixed Upland Shrub	1.5	Yes	TRAIL AND LAND DISKED AND SEEDED 8-94
406	3205 - Mixed Upland Shrub	1.4	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
407	3205 - Mixed Upland Shrub	1.6	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
408	3205 - Mixed Upland Shrub	3.4	Yes	Stand cleared and seeded 7/93 after sale 13-90.
409	3205 - Mixed Upland Shrub	2.1	Yes	Stand cleared and seeded 7/93 after sale 13-90.
410	3205 - Mixed Upland Shrub	1.7	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
411	3205 - Mixed Upland Shrub	2.4	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94
412	3205 - Mixed Upland Shrub	2.0	Yes	TRAIL AND LANDING DISKED AND SEEDED 8-94