



# Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45125

Entry Year 2027

Acreage: 1,537

County: Mackinac

Management Area: St. Ignace Lake Plain

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**Stand Examiner:** Josh Brinks

**Legal Description:**

T43N-R7W Section 1 - 3, Hendricks Township

**Identified Planning Goals:**

The compartment is located 1 mile south east of Caffey Corner and 3 miles east of Rexton. The compartment is mixture of lowland and upland types with a majority in the lowland and transition types. The aspen and lowland poplar stands have been actively managed within the past 3 decades. Management this entry will focus on final harvesting a few small stands of mixed species scattered throughout the compartment. Most of the northern hardwood stands have been selectively harvested within the past 2 decades.

**Soil and topography:**

The majority of the outwash plain and lake plains are undulating to level with some rolling ridges. The majority of the compartment is depressions in the lake plains and outwash plains are nearly level with Dawson and Loxley peats and Markey and Carbondale mucks soils. The variation is the ridges within the depression which are Paquin-Finch sand, Pullup fine sand, Paquin sand and Finch sand soils. The majority of the uplands are in Section 3. The uplands are level to rolling which are composed of Wallace sand, and Menominee loamy sand.

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

The compartment is entirely state owned except the southwestern portion in Section 3. The private parcels are mostly absentee owners with cabins and a few permanent residences along with the ownership in Section 4 to the west. Graymont owns  $\frac{3}{4}$  of a mile along the northern boundary of Section 3. The property includes an inactive rock quarry. Their lands have recently been harvested for aspen management. The rest of the compartment is surrounded by State ownership.

**Unique Natural Features:**

Potential for raptors to nest in the compartment exists and care will be taken to check stands for nests and take appropriate management action to protect the species. There is a potential for some rare, threatened, and special concern plant and animal species to inhabit the compartment. Stands to be managed will be checked for species of concern. Management will be modified if species are found within those stands per management guidelines for that species. Moose and wolves have been sighted on several occasions with the compartment.

**Archeological, Historical, and Cultural Features:**

There are known Archeological sites within this compartment. See compartment file.

**Special Management Designations or Considerations:**

None.

**Watershed and Fisheries Considerations:**

None.

**Wildlife Habitat Considerations:**

This compartment is part of the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. The northcentral part of the compartment contains a portion of a larger muskeg that continues north. The rest of the compartment contains cedar and other lowland conifers including black spruce, some aspen and hardwoods scattered throughout, and red pine on the west end. Aspen will generally be left to mature during this entry, and will provide habitat for ruffed grouse, woodcock, deer, and other wildlife. Treatments that do take place will encourage young growth which will benefit grouse, hare, and other species. The variety of connected cover types provide habitat for bear. The muskeg and other wetlands will be protected.

**Mineral Resource and Development Concerns and/or Restrictions**

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. Multiple active commercial aggregate operations exist roughly two

miles northwest of the compartment. Bedrock is also at or near the surface across the area, consisting of high-purity limestone, and the area northwest of the compartment was part of the large land transaction completed with Graymont in 2014 for future development of this resource. Due to the prevalence of wetlands within the compartment, potential for significant surface mining is considered minimal, and it is unlikely Graymont's underground mine, if ever developed, will expand to this area.

**Vehicle Access:**

Hiawatha Trail (a County maintained road) is the western boundary of the compartment and provides all season paved road access to this compartment. The Caffey Road (a DNR maintained road) provides good access to the rest of the compartment with the series of forest access routes running north and south off of it. The forest access roads are seasonal access with some wet areas on the roads. New roads were bermed and closed in the last decade and any new timber sale roads will be bermed closed after harvesting is completed

**Survey Needs:**

None

**Recreational Facilities and Opportunities:**

This compartment and the surrounding area are heavily used by all types of recreationalists. The snowmobile trail is a connector loop for the Rexton-Trout Lake trail and the Cut River-Trout Lake trail with heavy use at times. The ORV trail is used by dirt bikes and the Caffey Road is designated ORV route and is used by ORV's of all types and sizes. The area is used additionally by hunters, trappers, berry and mushroom pickers, and nature viewers.

**Fire Protection:**

The western portion of the compartment has a potential for a moderate to higher intensity fire in the red pine area. The eastern portion has lower fire intensity potential with the hardwood, and aspen stands and lowlands. The problem of ground fire does exist in this portion of the compartment. There would be some areas of the compartment where access would be difficult.
















**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**

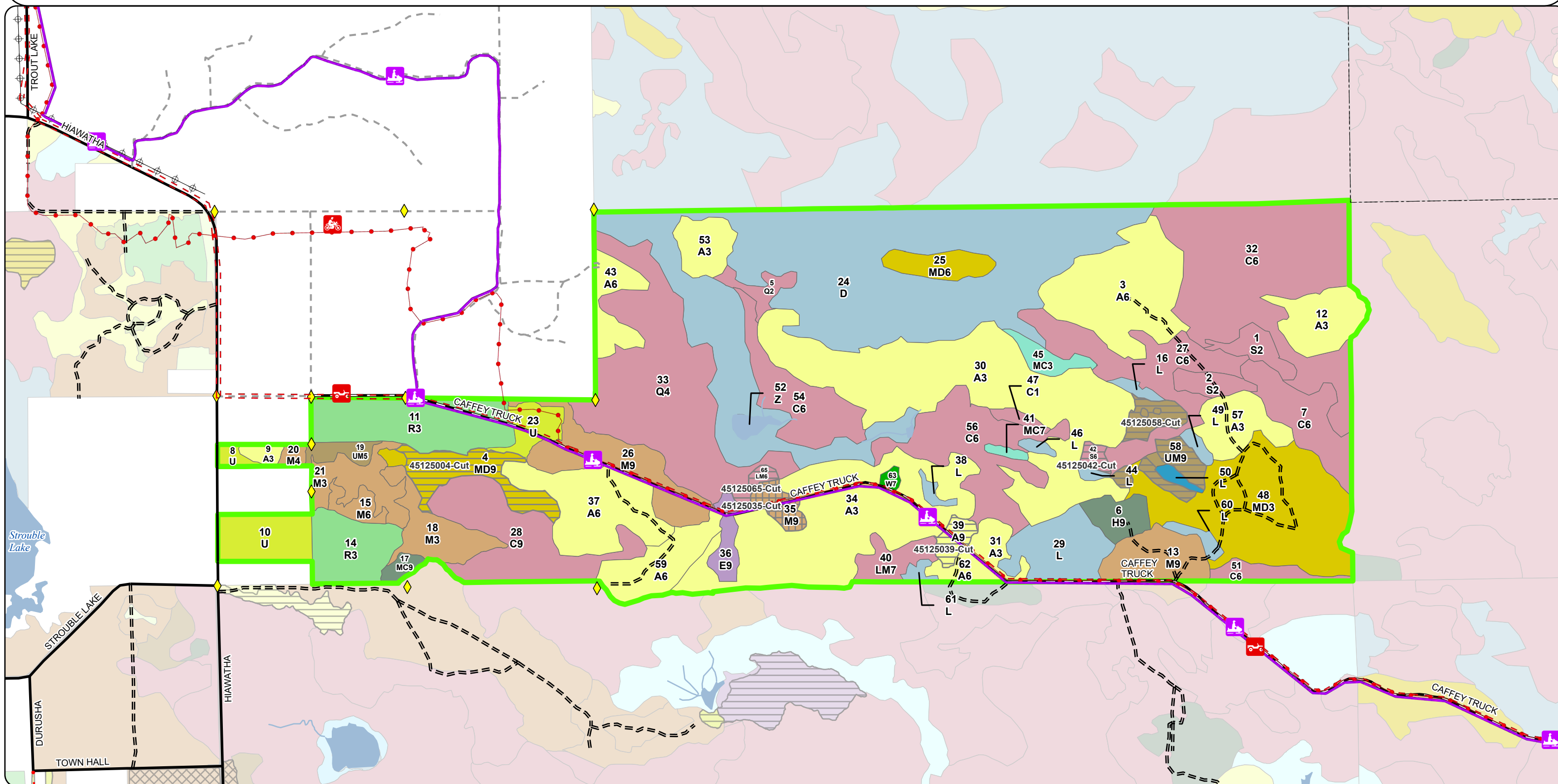
**The following information is displayed, where pertinent, on the attached compartment maps:**

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



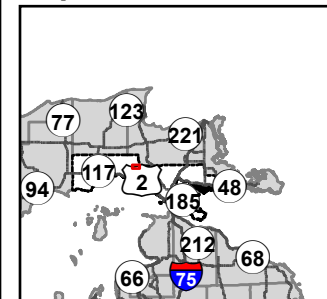
-  Survey Grade Corners
  -  Designated Motorcycle Trails
  -  Designated ORV Routes
  -  Designated Snowmobile Trails
  -  DNR - Primary Forest Road
  -  DNR - Forest Access Route
  -  Federal / State / County - Paved Road
  -  County - Gravel Road
  -  Private - Dirt / Gravel Road
  -  Perennial River
  -  Lakes and Rivers
  -  Counties
  -  Powerline
  -  Compartment Boundary
  -  Clearcut

- |                                                                                     |                              |                                                                                     |                                  |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|----------------------------------|
|    | Seed Tree                    |    | 430 - Upland Mixed Forest        |
|    | 411 - Northern Hardwood      |    | 500 - Water                      |
|    | 413 - Aspen                  |    | 611 - Lowland Deciduous Forest   |
|  | 419 - Mixed Upland Deciduous |  | 612 - Lowland Coniferous Forest  |
|  | 421 - Planted Pines          |  | 613 - Lowland Mixed Forest       |
|  | 422 - Natural Pines          |  | 330 - Low Density Trees          |
|  | 423 - Other Upland Conifers  |  | 622 - Lowland Shrub              |
|  | 429 - Mixed Upland Conifers  |  | 629 - Mixed non-forested Wetland |





# Stand Boundary Map



Compartment: 45125  
T43N, R07W, Sec: 1-3  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 1,537 GIS Calculated  
Examiner: Josh Brinks  
Date Exported: 7/18/2025  
Map Phase: Web Post

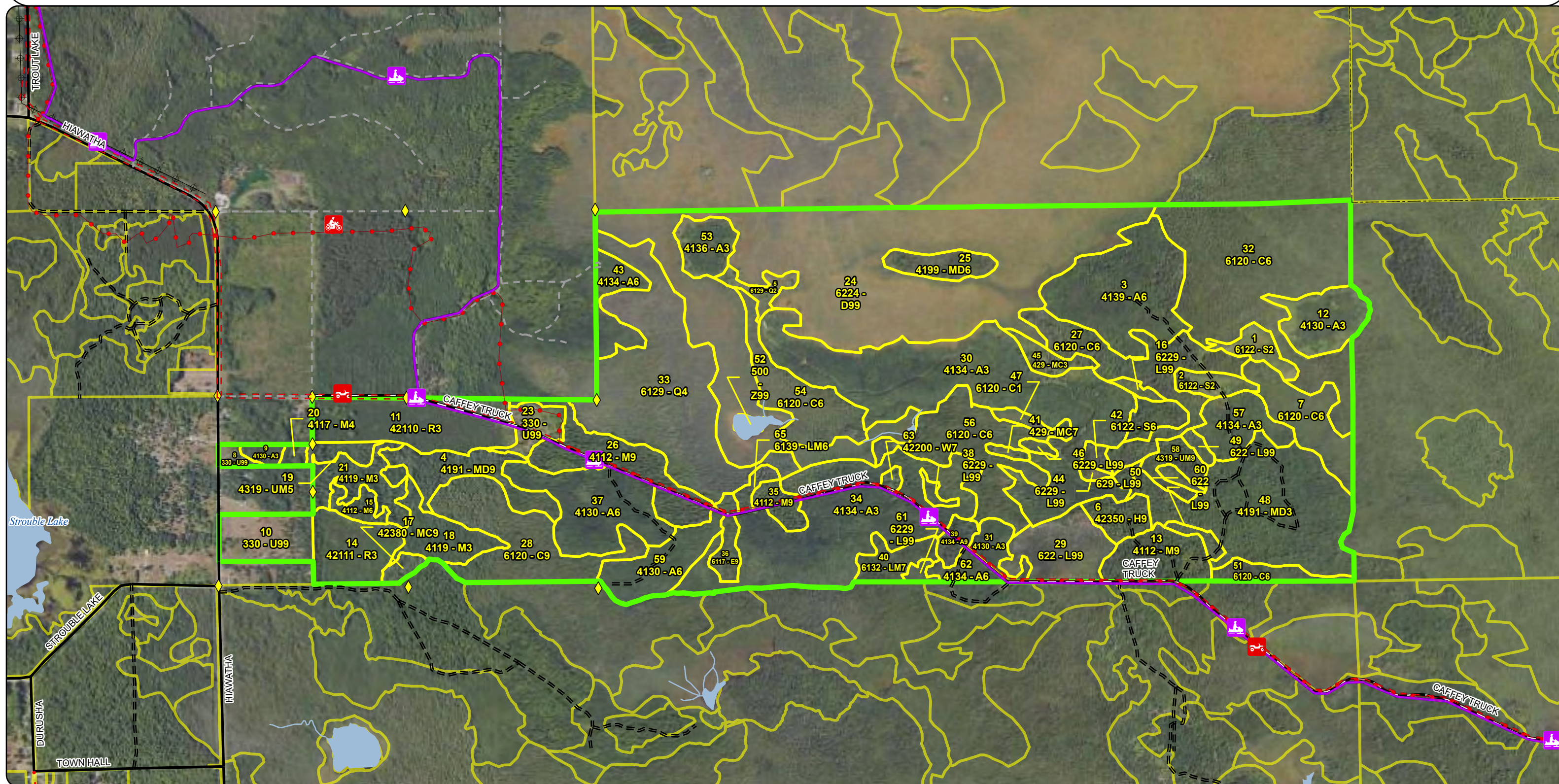
0 0.5 1 Miles

- Survey Grade Corners
- Designated Motorcycle Trails
- Designated ORV Routes
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road

- County - Gravel Road
- Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers
- Counties
- Powerline
- Compartment Boundary
- 411 - Northern Hardwood

- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 500 - Water

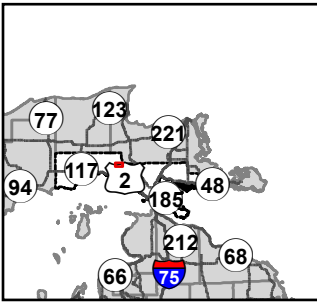
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- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 330 - Low Density Trees
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# Special Conservation Areas & Site Conditions Map

Compartment: 45125  
T43N, R07W, Sec: 1-3  
County: Mackinac  
Unit: Sault Ste. Marie  
Mgmt. Area: St. Ignace Lake Plain  
YOE: 2027  
Acres: 1,537 GIS Calculated  
Examiner: Josh Brinks  
Date Exported: 7/18/2025  
Map Phase: Web Post



0 0.5 1 Miles



Survey Grade Corners



Designated Motorcycle Trails



Designated ORV Routes



Designated Snowmobile Trails



DNR - Primary Forest Road

=== DNR - Forest Access Route

— Federal / State / County - Paved Road

- - - County - Gravel Road

- - - Private - Dirt / Gravel Road

— Perennial River

— Lakes and Rivers

--- Counties

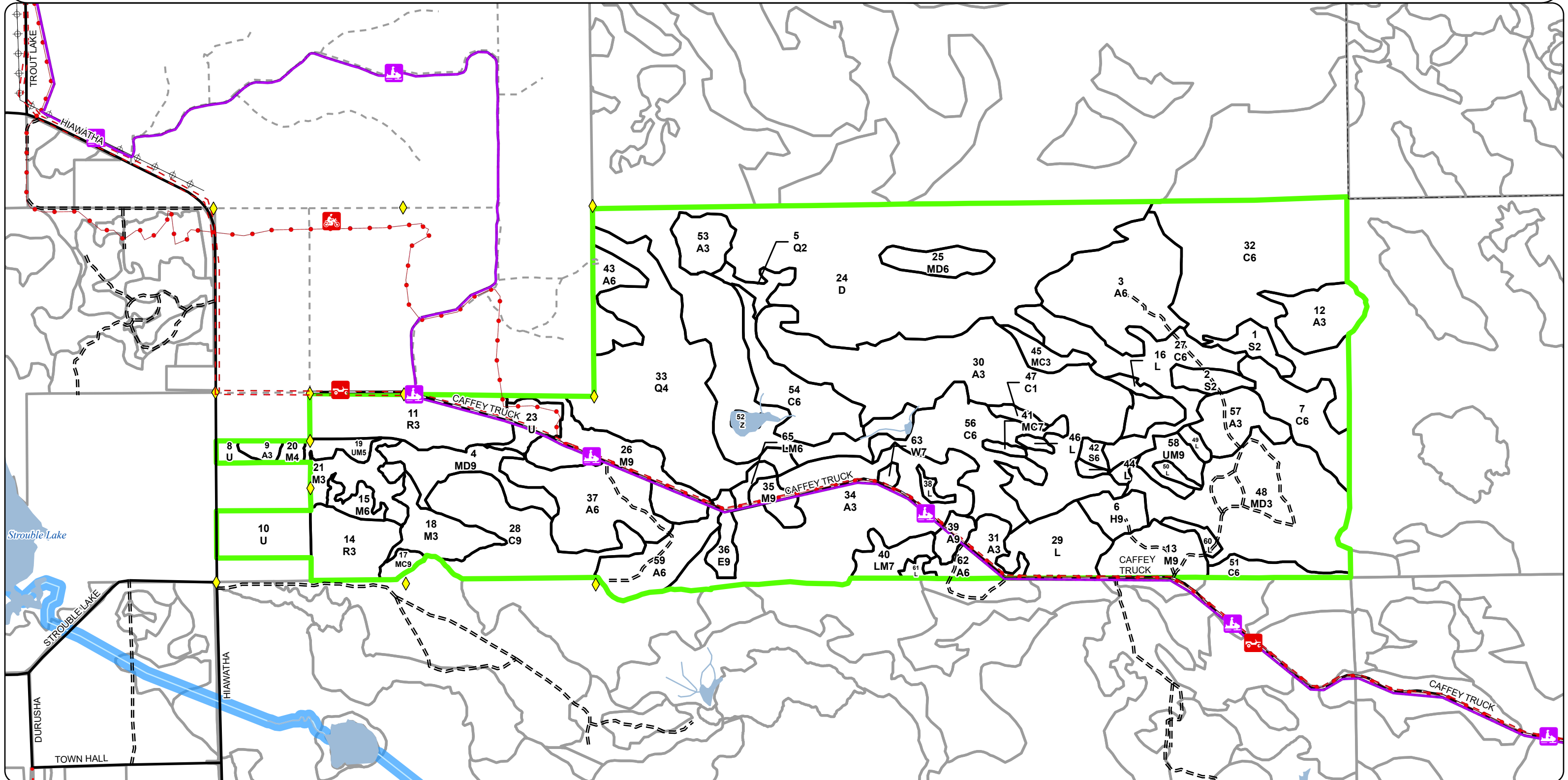
--- Powerline

— Compartment Boundary

— Stand Boundaries

— Cold Water Streams

— High Priority Trout Stream Buffer



## Report 1 – Total Acres by Cover Type and Age Class

Josh Brinks: Examiner



## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	37	291	75	7	0	0	0	0	0	0	0	0	0	0	0	18	428
Cedar	0	0	0	0	0	0	0	0	0	3	0	0	0	0	185	0	115	0	302
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
Low-Density Trees	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Lowland Conifers	0	0	6	0	0	0	0	0	0	96	0	0	0	0	0	0	0	0	102
Lowland Deciduous	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Lowland Mixed Forest	0	0	0	0	0	0	0	11	0	4	0	0	0	0	0	0	0	0	15
Lowland Shrub	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Lowland Spruce/Fir	0	0	15	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	18
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	22	11	0	0	0	0	0	0	82	115
Northern Hardwood	0	0	17	0	27	0	0	0	0	61	0	0	0	0	0	0	0	0	105
Red Pine	0	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
Treed Bog	248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248
Upland Conifers	0	0	7	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0	13
Upland Mixed Forest	0	0	6	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	25
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
<b>Total</b>	<b>327</b>	<b>0</b>	<b>155</b>	<b>291</b>	<b>102</b>	<b>9</b>	<b>2</b>	<b>30</b>	<b>0</b>	<b>197</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>189</b>	<b>0</b>	<b>125</b>	<b>100</b>	<b>1537</b>



## Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 125  
Total Compartment Acres: 1,537

Commercial Harvest - 118  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overshoot Removal	Salvage	Other	Total Acres
Aspen	6	0	0	0	0	0	0	0	0	6
Lowland Mixed Forest	4	0	0	0	0	0	0	0	0	4
Lowland Spruce/Fir	3	0	0	0	0	0	0	0	0	3
Mixed Upland Deciduous	21	0	0	0	0	0	0	0	0	21
Northern Hardwood	0	0	0	7	0	0	0	0	0	7
Upland Mixed Forest	18	0	0	0	0	0	0	0	0	18
Total	51	0	0	7	0	0	0	0	0	59

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	59	0	0	0	0	0	0	0	0	59
Next Step	0	0	0	0	0	0	59	0	0	59
Total	59	0	0	0	0	0	59	0	0	117



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

<b>4</b>	<b>45125004-Cut</b>	20.7	4191 - Mixed Upland Deciduous with Conifer	9	81	81-110	Harvest	Clearcut	4191 - Mixed Upland Deciduous with Conifer	Planting Record	No
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Prescription Cut all trees down to 2" in DBH. Do not harvest cedar, white pine, red pine, hemlock, and oak. leave yellow birch that are over 14" in DBH.  
Specs: Leave a retention patch in the west end of the stand where there is a wet swale with cedar on the edge. This pa

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen includes maple, birch, aspen, spruce, fir, ash, cedar.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>35</b>	<b>45125035-Cut</b>	7.4	4112 - Maple, Beech, Cherry Association	9	85	51-80	Harvest	Seed Tree	4199 - Other Mixed Upland Deciduous	Planting Record	No
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Prescription Cut all trees down to 2". Do not cut hemlock, white pine, yellow birch or oak. Leave 10 BA including these species. Behind the leave tree  
Specs: species, sugar maple is the highest priority species to designate as a leave tree. The seed trees will be left ons

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regen includes maple, birch, beech, aspen, hemlock, pine.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

<b>39</b>	<b>45125039-Cut</b>	5.7	4134 - Aspen, Spruce/Fir	9	37	81-110	Harvest	Clearcut	413 - Aspen	Planting Record	No
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Prescription Cut all trees down to 2" in DBH. Do not cut white pine, hemlock, oak or yellow birch. No additional retention is needed due to small stand  
Specs: size. If possible, create brush piles near the swamp edges through normal processing operations.

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Acceptable regeneration includes aspen, maple, birch, spruce, fir, pine.

Regen:

Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026



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Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
<b>42 45125042-Cut</b>	2.8	6122 - Black Spruce	6	88	111-140	Harvest	Clearcut	6122 - Black Spruce	Planting Record	No
<u>Prescription</u> Cut all trees down to 2" in DBH. Do not cut white pine. Because of the small size no additional retention is needed. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Acceptable regen includes black spruce, white pine, fir, cedar, red maple, birch. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>58 45125058-Cut</b>	18.3	4319 - Mixed Upland Forest	9	64	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Planting Record	No
<u>Prescription</u> Cut all trees down to 2" in diameter. Do not cut white pine, red pine, oak, hemlock, cedar or yellow birch. Because of the layout of this treatment, the scattered leave trees and buffers for the drainages/ wet areas are the only retention needed. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Acceptable regen includes aspen, birch, maple, spruce, fir, pine, cedar. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>65 45125065-Cut</b>	3.8	6139 - Mixed Lowland Forest	6	85	81-110	Harvest	Clearcut	613 - Lowland Mixed Forest	Planting Record	No
<u>Prescription</u> Cut all trees down to 2" in DBH. Do not cut white pine, hemlock, or yellow birch. No additional retention is needed because of small stand size. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Acceptable regeneration includes aspen, birch, maple, spruce, fir, pine, cedar, hemlock and yellow birch. <u>Regen:</u> <u>Other</u> Stay out of the wet ground on the west side of this stand. The stand line currently avoids this so try to stay close to this line when <u>Comment:</u> establishing timber sale boundaries <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

Total Treatment **58.7**  
 Acreage Proposed:



Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions				
					2G	2H	3J	5E
428	428	0	0	Aspen				
303	160	0	142	Cedar	142			
10	10	0	0	Hemlock				
33	33	0	0	Low-Density Trees				
102	6	0	96	Lowland Conifers	96			
8	0	0	8	Lowland Deciduous			8	
14	4	0	11	Lowland Mixed Forest	11			
44	44	0	0	Lowland Shrub				
18	18	0	0	Lowland Spruce/Fir				
94	82	0	13	Mixed Upland Deciduous		11		2
106	106	0	0	Northern Hardwood				
67	67	0	0	Red Pine				
248	248	0	0	Treed Bog				
12	12	0	0	Upland Conifers				
7	6	0	1	Upland Mixed Forest				1
2	2	0	0	Water				
2	2	0	0	White Pine				
1,498	1,227		271	Total Forested Acres	249	11	8	3
	82%		18%	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	2	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Retention area for adjacent harvest								
2	Unavailable		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Wet areas and that serve as retention for adjacent harvest								

## Report 4 – Site Conditions



3	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	8	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Stream flowing south through the middle of this stand. It is very wet.							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	96	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Stand was completely flooded during the spring inventory.							
7	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	29	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							
8	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	25	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>							





9	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	42	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	5D: Unproductive forest land	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	43	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Much of this stand is flooded and is too wet to harvest.							

Mgt. Unit

Compartment: #Type!  
Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																														
1	6122 - Black Spruce	Sapling Medium	8.3	11	Immature	N/A	A mixed birch stand was cut in 2014 as part of Charred Stumps. Regeneration in this stand is a mix of black spruce, tamarack and fir. The regen is approaching 4' tall with a decent amount of seedling and smaller saplings still making their way into the canopy.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Spruce</td><td>58</td><td>Log</td><td>1</td><td>11</td></tr><tr><td>Northern White Cedar</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Log</td><td>1</td><td></td></tr><tr><td>Tamarack</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>2</td><td>Log</td><td>1</td><td></td></tr><tr><td>Paper Birch</td><td>5</td><td>Log</td><td>1</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Log	1		Black Spruce	58	Log	1	11	Northern White Cedar	5	Log	1		Balsam Fir	15	Log	1		Tamarack	10	Log	1		Red Maple	2	Log	1		Paper Birch	5	Log	1		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable																	
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Quaking Aspen	5	Log	1																																																																		
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Black Spruce	Low	Variable	Variable																																																																		
2	6122 - Black Spruce	Sapling Medium	7.1	11	Immature	N/A	Spruce stand cut in 2014 as part of Charred Stumps. Nice regeneration with a mix of black spruce, fir, white pine and red maple. There are scattered large white pine which were retained during the harvest.																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Balsam Fir</td><td>30</td><td>Log</td><td>1</td><td></td></tr><tr><td>Red Maple</td><td>9</td><td>Log</td><td>1</td><td></td></tr><tr><td>Paper Birch</td><td>2</td><td>Log</td><td>1</td><td></td></tr><tr><td>Black Spruce</td><td>50</td><td>Log</td><td>1</td><td>11</td></tr><tr><td>Northern White Cedar</td><td>2</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>5</td><td>Log</td><td>1</td><td></td></tr><tr><td>White Pine</td><td>2</td><td></td><td>14</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Balsam Fir	30	Log	1		Red Maple	9	Log	1		Paper Birch	2	Log	1		Black Spruce	50	Log	1	11	Northern White Cedar	2	Log	1		White Pine	5	Log	1		White Pine	2		14		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Black Spruce	Low	Variable	Variable																	
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3	4139 - Aspen, Mixed Deciduous	Poletimber Well	55.1	32	51-80	N/A	Stand was cut in 1993 as part of Caffey Island Aspen. Some areas of larger trees that were not cut. Buffer																																																														
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Quaking Aspen</td><td>37</td><td></td><td>6</td><td>32</td></tr><tr><td>White Pine</td><td>1</td><td></td><td>15</td><td></td></tr><tr><td>Northern White Cedar</td><td>2</td><td></td><td>8</td><td></td></tr><tr><td>Balsam Fir</td><td>15</td><td>Seedling</td><td>6</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td></td><td>6</td><td></td></tr><tr><td>Paper Birch</td><td>10</td><td></td><td>6</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>20</td><td></td><td>6</td><td></td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	37		6	32	White Pine	1		15		Northern White Cedar	2		8		Balsam Fir	15	Seedling	6		Red Maple	15		6		Paper Birch	10		6		Bigtooth Aspen	20		6		<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Variable	Balsam Fir	High	Variable	Variable													
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4	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	22.3	81	81-110	N/A	This is a transitional stand between the upland and the lowland cedar. There is a mix of hardwood species throughout the stand. Most of the stand is a mix of red maple, cherry and fir. There is a patch in the far east that is dominated by birch with fir and cedar. In the far west is a wet swale with cedar on its edges. The ground is variable and some of the really wet areas are growing black ash.																																																														
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5	6129 - Mixed Coniferous Lowland Forest	Sapling Medium	6.3	13	Immature	N/A	Stand was cut in 2012 as part of Charred Stumps. The stand is slowly regenerating with a mix of tamarack, black spruce, white pine and some cedar. I have no doubt this will be fully stocked in the future given the number of seedling that are just starting to poke out of the snow.																																																		
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6	42350 - Upland Hemlock	Sawtimber Well	10.2	150	141-170	N/A	Nice stand of hemlock with white pine and red maple. There is cedar mixed in along the edges. In some spots it looks like there may have been some cutting which is growing in with fir and red maple regen.																																																		
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7	6120 - Lowland Cedar	Poletimber Well	24.9	138	Unspecified	N/A	Data from previous inventory in 2015. Large stand of variable cedar. There are areas of very wet. Black spruce in clumps scattered widely. Tamarack in a few areas.																																																		
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8	330 - Low-Density Trees	None	2.9			No																																																			
9	4130 - Aspen	Sapling Well	3.4	17	Immature	N/A	Stand was cut in 2008. Nice aspen regeneration.																																																		
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26	4112 - Maple, Beech, Cherry Association	Sawtimber Well	32.0	87	51-80	N/A	Thinned in 2018. Caffey Express 45-117-17-01. The larger diameter classes of this stand are dominated by red maple of poor quality. Sugar maple makes up most of the large pole sized trees. There seems to be a good mix of regeneration throughout this stand including maple. There are areas of aspen included in the west end of this stand that were too small to map by themselves.																																																																													
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27	6120 - Lowland Cedar	Poletimber Well	41.9	150	81-110	N/A	Data from previous inventory in 2015. Cedar stand that is flooded in some spots.																																																																													
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28	6120 - Lowland Cedar	Sawtimber Well	46.4	135	141-170	N/A	This is primarily a cedar stand of decent quality. There are some areas where the ground is wetter where the quality and canopy closure decreases. In places the ground is very wet and supporting black ash. The northern part of the stand is more mixed with ash, bam, red maple and birch.																																																																													
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29	622 - Lowland Shrub	None	25.8			No																																																																														



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
30	4134 - Aspen, Spruce/Fir	Sapling Well	123.3	24	Immature	N/A	Stand was cut in 2001 as part of Lonely Beagle 45-020-97-01. The regeneration is variable based on ground conditions. The drier areas have more bigtooth aspen and larger diameters. Some of the wet ground is a mix of aspen, birch and fir. There are pockets of thick white pine regenerations. Along the wetland edges there is a mix of tamarack and cedar. Right on the edge of upland and lowland.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Quaking Aspen	30	Pole	2	24	Northern White Cedar	Trace		< 5 feet	< 5 feet
Balsam Poplar	5	Log	2		Balsam Fir	High		5 - 10 feet	5 - 10 feet
White Pine	10	Pole	3		Paper Birch	Low		5 - 10 feet	5 - 10 feet
Paper Birch	15	Pole	3		Red Maple	Low		5 - 10 feet	5 - 10 feet
Bigtooth Aspen	15	Pole	3						
Balsam Fir	20	Pole	2						
Tamarack	5	Log	2						
31	4130 - Aspen	Sapling Well	8.1	24	Immature	N/A	Mixed regeneration. Stand was cut in 2001 as part of Lonely beagle 45-120-97-01. Almost pole where bt.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	5	Log	3		Balsam Fir	Medium		5 - 10 feet	5 - 10 feet
Paper Birch	5	Pole	3		Aspen (spp.)	Medium		Variable	Variable
Bigtooth Aspen	28	Pole	4		Red Maple	Low		5 - 10 feet	5 - 10 feet
Black Cherry	2	Pole	4						
Quaking Aspen	50	Log	3	24					
Balsam Fir	10	Pole	4						
32	6120 - Lowland Cedar	Poletimber Well	105.7	138	111-140	N/A	Data from 2015. I only saw this stand from stand 1 and 12. Large stand of variable cedar. There are areas of very wet open canopy cedar with tag alder. Black spruce in clumps scattered widely. Tamarack in a few areas.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
White Pine	5		14		Black Spruce	Low		5 - 10 feet	5 - 10 feet
Tamarack	15	Seedling	8		Northern White Cedar	Medium		5 - 10 feet	5 - 10 feet
Black Spruce	15	Seedling	8						
Northern White Cedar	65	Seedling	7	138					
33	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	96.2	80	1-50	N/A	The stand is completely flooded. It is very poor quality cedar, black spruce and tamarack. Lots of beaver sign along the edges of this stand.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Red Maple	5		7		Tag Alder	High		5 - 10 feet	5 - 10 feet
Paper Birch	10	Seedling	7		Balsam Fir	Medium		5 - 10 feet	5 - 10 feet
Tamarack	25	Sapling	6						
White Pine	5		12						
Black Spruce	35	Sapling	6	80					
Northern White Cedar	20	Sapling	5						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
34	4134 - Aspen, Spruce/Fir	Sapling Well	96.4	24	Immature	N/A	Stand was cut in 2001 as part of Lonely Beagle 45-120-97-01. In most of the stand the regeneration is dominated by aspen but in some areas, especially the south, the aspen is mixed with balsam fir. It seems like that happens on the poorer soils within the stand. The areas with better soils are growing bigtooth aspen which are already pole sized.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Quaking Aspen		38	Pole	3	24	Cherry (spp.)		Low	5 - 10 feet	5 - 10 feet
Balsam Fir		20	Pole	3		Balsam Fir		High	Variable	Variable
Tamarack		1	Log	2		Hazelnut (Spp.)		Low	5 - 10 feet	5 - 10 feet
White Spruce		1	Pole	3		Red Maple		Medium	Variable	Variable
Red Maple		10	Pole	3		Aspen (spp.)		High	Variable	Variable
Paper Birch		10	Pole	3						
Bigtooth Aspen		20	Sapling	5						
35	4112 - Maple, Beech, Cherry Association	Sawtimber Well	7.4	85	51-80	N/A	Hardwood stand was select cut in 2012 as part of Charred Stumps. Mostly a rm stand. Lots of beech in the understory but maple mixed in as well			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Yellow Birch		1		14		Sugar Maple		Medium	5 - 10 feet	5 - 10 feet
Sugar Maple		20		10		Beech		High	Variable	Variable
Red Maple		67		14	85	Yellow Birch		Trace	5 - 10 feet	5 - 10 feet
Paper Birch		5	Seedling	8		Balsam Fir		Medium	Variable	Variable
Bigtooth Aspen		2		16		Red Maple		Medium	5 - 10 feet	5 - 10 feet
Balsam Fir		5	Seedling	7		White Pine		Trace	5 - 10 feet	5 - 10 feet
36	6117 - Lowland Deciduous, Mixed Coniferous	Sawtimber Well	7.5	85	81-110	N/A	Stand was left as a buffer along drainage in past. South of the road there is a clearly defined stream bed flowing through this stand. As you get further south the stream becomes more braided and disperses into the timber. The stand is dominated by red maple, yellow birch and cedar.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
Balsam Fir		10	Seedling	8		Red Maple		Low	Variable	Variable
White Pine		1		15		Yellow Birch		Trace	10 - 20 feet	10 - 20 feet
Yellow Birch		25		13		Northern White Cedar		Trace	5 - 10 feet	5 - 10 feet
Quaking Aspen		5	Seedling	8		Balsam Fir		High	Variable	Variable
White Spruce		3		10						
Northern White Cedar		16		8						
Hemlock		5		12						
Red Maple		30		13	85					
37	4130 - Aspen	Poletimber Well	40.5	24	81-110	N/A	This stand was cut as part of Caffey Road Hardwood in 1991. The specs were to remove all trees 5" and up but the notes mention a lot of small trees that were left. The areas in the stand of higher ground are dominated by bigtooth aspen that are larger in DBH. The lower ground has smaller diameter and more red maple and fir mixed in.			
<b>Canopy Species</b>		<b>% Cover</b>	<b>Size Class</b>	<b>DBH</b>	<b>Age</b>	<b>Sub-Canopy Species</b>		<b>Density</b>	<b>Avg. Height</b>	<b>Size</b>
White Spruce		5	Seedling	5		Beech		Low	5 - 10 feet	5 - 10 feet
Quaking Aspen		40	Sapling	6	24	Balsam Fir		Medium	Variable	Variable
Balsam Fir		10	Sapling	5		Sugar Maple		Low	5 - 10 feet	5 - 10 feet
Sugar Maple		2	Seedling	6						
Red Maple		5		6						
Paper Birch		5	Sapling	6						
Bigtooth Aspen		33		11						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
38	6229 - Mixed Lowland Shrub	None	2.1			No																																																								
39	4134 - Aspen, Spruce/Fir	Sawtimber Well	5.7	37	81-110	N/A	Upland opening filling in with brush.																																																							
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40	6132 - Mixed Lowland Forest with Cedar	Sawtimber Poor	10.6	68	1-50	N/A	This stand is very wet. The canopy is fairly open with some areas of tag alder openings. Most of the stand is dominated by cedar but there is more birch mixed in at the south end of the stand.																																																							
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41	429 - Mixed Upland Conifers	Sawtimber Poor	1.8	55	1-50	N/A	Upland ridge that was previously typed as an opening. It has large super canopy white pine with black spruce, fir and red maple.																																																							
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42	6122 - Black Spruce	Poletimber Well	2.8	88	111-140	N/A	Small patch of black spruce with scattered super canopy white pine.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
49	622 - Lowland Shrub	None	2.4			No	Lowland shrub with some birch, aspen and conifers.																																																							
50	629 - Mixed non-forested Wetland	None	2.3			No	This stand has a decent amount of tree saplings growing in it. In the future it might hit the 25% canopy closure. The saplings are a mix of paper birch, aspen, fir, cedar, and white pine.																																																							
51	6120 - Lowland Cedar	Poletimber Well	8.2	136	81-110	N/A	The canopy is fairly open in this stand and the ground is very wet.																																																							
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52	500 - Water	None	2.3			No																																																								
53	4136 - Aspen, Mixed Conifer	Sapling Well	13.2	13	Immature	N/A	Stand was cut in 2012 as part of Charred Stumps. Ridge of nice aspen regeneration. Some larger dbh interior where there is more bigtooth and red maple. There is a ring of lowland around the aspen which is regenerating with spruce and fir.																																																							
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Aspen (spp.)	Medium	5 - 10 feet	5 - 10 feet																																																											
Red Maple	Low	5 - 10 feet	5 - 10 feet																																																											
54	6120 - Lowland Cedar	Poletimber Well	29.2	150	81-110	N/A	Cedar stand that is flooded in some spots. With it being so wet, the canopy is variable and is not very closed in most areas .The diameters fall off as you get closer to the wetland edge.																																																							
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Tamarack</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>5</td><td></td><td>14</td><td></td></tr><tr><td>Black Spruce</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Northern White Cedar</td><td>75</td><td></td><td>8</td><td>150</td></tr></table>				Canopy Species	% Cover	Size Class		DBH	Age	Tamarack	10	Seedling	8		White Pine	5		14		Black Spruce	10	Seedling	8		Northern White Cedar	75		8	150	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>Black Spruce</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Northern White Cedar</td><td>Low</td><td>&lt; 5 feet</td><td>&lt; 5 feet</td></tr><tr><td>Balsam Fir</td><td>Medium</td><td>Variable</td><td>Variable</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	5 - 10 feet	Black Spruce	Low	Variable	Variable	Northern White Cedar	Low	< 5 feet	< 5 feet	Balsam Fir	Medium	Variable	Variable											
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56	6120 - Lowland Cedar	Poletimber Well	43.4	150	111-140	N/A	Date from previous inventory in 2015.Cedar stand that is flooded in some spots.																																																							
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																											
57	4134 - Aspen, Spruce/Fir	Sapling Well	18.3	24	Immature	N/A	Stand was harvested in 2001 as part of Lonely Beagle 45-120-97-01. There were a few scattered trees left that are now supercanopy. The regen is nearing pole sized. The regeneration is mostly aspen with balsam fir but in some of the lower ground there is more red maple and paper birch																																																											
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>White Pine</td><td>1</td><td></td><td>14</td><td></td></tr><tr><td>Northern White Cedar</td><td>2</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Hemlock</td><td>1</td><td></td><td>11</td><td>138</td></tr><tr><td>Balsam Fir</td><td>20</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Red Maple</td><td>15</td><td>Pole</td><td>3</td><td></td></tr><tr><td>Paper Birch</td><td>15</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td>Pole</td><td>4</td><td></td></tr><tr><td>Yellow Birch</td><td>1</td><td></td><td>11</td><td></td></tr><tr><td>Quaking Aspen</td><td>35</td><td>Pole</td><td>3</td><td>24</td></tr></table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	1		14		Northern White Cedar	2	Seedling	8		Hemlock	1		11	138	Balsam Fir	20	Pole	4		Red Maple	15	Pole	3		Paper Birch	15	Pole	4		Bigtooth Aspen	10	Pole	4		Yellow Birch	1		11		Quaking Aspen	35	Pole	3	24	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Balsam Fir</td><td>High</td><td>Variable</td><td>Variable</td></tr><tr><td>Tag Alder</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	Variable	Variable	Tag Alder	Low	5 - 10 feet	5 - 10 feet
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58	4319 - Mixed Upland Forest	Sawtimber Well	19.4	64	81-110	N/A																																																												
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59	4130 - Aspen	Poletimber Well	22.4	24	81-110	N/A	This stand was cut as part of Caffey Road Hardwood in 1991. The specs were to remove all trees 5" and up but the notes mention a lot of small trees that were left.																																																											
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60	622 - Lowland Shrub	None	3.2			No	Lowland shrub with some small cedar. Very wet!																																																											
61	6229 - Mixed Lowland Shrub	None	2.2			No	Lowland shrub stand with scattered cedar. Stand is very wet.																																																											





Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
62	4134 - Aspen, Spruce/Fir	Poletimber Well	6.8	49	51-80	N/A	Check age. Upland aspen and fir. Pole sized.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Quaking Aspen		40	Sapling	5	49	Balsam Fir	High	Variable	Variable
White Spruce		5	Log	2		Red Maple	Low	5 - 10 feet	5 - 10 feet
Balsam Fir		15	Sapling	5					
Red Maple		10	Pole	4					
Paper Birch		5	Pole	3					
Bigtooth Aspen		25	Seedling	5					
63	42200 - Natural White Pine	Sawtimber Poor	1.7	45	1-50	N/A	Upland opening that is growing in. The stand is dominated by large, open grown white pine.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		10		13					
White Pine		65		13	45				
Quaking Aspen		10	Seedling	7					
Balsam Fir		10	Sapling	7					
White Spruce		5		11					
65	6139 - Mixed Lowland Forest	Poletimber Well	3.8	85	81-110	N/A	This stand is a mix of black spruce in the north which becomes more mixed with aspen and birch in the south and along the hardwood edge. The western boundary of the stand was drawn along a transition to very wet ground.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir		10	Seedling	8		Northern White Cedar	Trace	5 - 10 feet	5 - 10 feet
White Pine		5		15		Yellow Birch	Trace	10 - 20 feet	10 - 20 feet
Black Spruce		30		9	85	Red Maple	Low	Variable	Variable
Northern White Cedar		5		8		Balsam Fir	Low	Variable	Variable
Yellow Birch		2		13					
Quaking Aspen		17	Seedling	8					
Red Maple		15		13					
Paper Birch		16	Seedling	6					