

# Compartment Review Presentation

## Traverse City Forest Management Unit

Compartment 61126

Entry Year: 2027

Acreage: 1,937

County: Kalkaska

Management Area: Kalkaska Sandy Moraines

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**Stand Examiner:** Thomas Peterson III

### Legal Description:

T26N R5W Section 18, T26N R6W Sections 13 and 14

### Identified Planning Goals:

This compartment is part of the Kalkaska Sandy Moraines Management Area. . Management goals for this MA include balancing the age classes of aspen on suitable sites and thinning the northern hardwoods. Management will strive to sustainably produce various forest products, enhance game and non-game wildlife habitat, protect areas of unique character, and provide for forest-based recreational uses. Management challenges may include increased recreational pressure, oil and gas development, introduced pests, and disease and the difficulty in regenerating oak. More specifically, a wide swath of this compartment contains numerous huge old white pine stumps. Many of these pine sites are now growing poor quality, poorly stocked aspen so it would be nice to bring those into more productive cover types. A Kotar habitat type of PARVHa should support planted red pine. Several of the hardwood stands have a relatively heavy beech component which is infested with beech bark disease. Early treatment has been recommended for these stands to salvage the beech volume.

### Soil and topography:

Much of the compartment is on Kalkaska sand with lesser amounts of Au Gres sand, Croswell sands, Rubican-Graycalm sands, and Island Lake-Blue Lake complex. The swamp on the west end is on Tawas-Lupton mucks while the bog in Section 18 sits on Dawson-Loxley peats. Topography is relatively flat with some rolling hills in the central part.

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

These three sections are comprised entirely of State land except for the SWSW of Section 13 which is privately owned, with one seasonal residence. The compartment is also surrounded by State land. The compartment is part of the long-term lease to Camp Grayling.

### Unique Natural Features:

The Watson swamp, a good-to-excellent example of a rich conifer swamp natural community, extends into the compartment on the west side. There is a known MNFI EO in a treatment in Section 18 which will need to be protected.

### Archeological, Historical, and Cultural Features:

There are no known sites in the SHPO database.

### Special Management Designations or Considerations:

The Watson Swamp EO is a designated Special Conservation Area.

### Watershed and Fisheries Considerations:

An unnamed tributary of the North Branch of the Manistee River barely enters the northwest corner of the compartment. Section 18 contains a wet treed bog and several seasonally wet areas but none of these appear to have inlets or outlets. Black Creek, a tributary of the mainstem Manistee River, flows just east of the compartment boundary.

### Wildlife Habitat Considerations:

The northwest portion, including the west side, of Sec. 14 is located on an outwash plain with poorly drained soils. Topography is level with poorly drained peat or muck soils. Historically, occasional wildfires or windfall events occurred here. A mixed lowland conifer stands, and several aspen stands are found on this formation within this compartment,. The central portion of Sec. 14 and the southeast portion of Sec. 18 lie on broad, outwash plain. Topography is level with excessively drained sandy soils. Historically, large wildfires were reported in this LTA type. Within this compartment, aspen stands dominate here. There are also small stands of red pine, white pine, jack pine, and upland shrubland. There is also a large treed bog located here, which is unusual for this LTA. The central portion and majority of Compartment 126 is part of an ice contact ridge. Topography is very steep, broken, and irregular. Soils are well drained loamy sand. Within this compartment, aspen and maple dominate. There are also a few grassy openings. Mixed lowland conifer stands are important habitat for wildlife. They are important winter cover for white-tailed deer. Many insect-eating birds inhabit these areas in summer. Examples of wildlife species found here include northern saw-whet owl, chickadee, ruby-crowned kinglet, red squirrel, and snowshoe hare. Ruffed grouse use different aged aspen throughout their life cycle. Younger stands

provide cover while older stands provide catkins (food source) for the winter months. Clearcutting helps facilitate age class diversification of aspen by mimicking the necessary disturbances vital for regeneration. The creation of CWD trees for drumming logs and maintaining berry-producing shrubs is also desirable. Woodcock prefer areas that are similar to grouse, but with a higher water table. Openings are evaluated for wildlife value and may require hand-felling or prescribed burning to maintain this habitat type. Many plant species found here are fire-dependant. Examples include little bluestem, jack pine, and rough blazing star. These openings provide grassy nest sites, plentiful seeds and insects, and cover. Shrublands provide many berry producing trees and shrubs. Examples of wildlife benefiting from management of these habitats include badger, northern flicker, deer mouse, and green snake. A treed bog is a unique habitat type. Soils are acidic. Leatherleaf, Michigan holly, blueberry, labrador tea, white pine, and tamarack can be found here. Examples of wildlife species include meadow vole and palm warbler. Additionally, many raptors hunt over these areas. Appropriate buffer zones should be placed if any prescriptions are performed nearby. Wildlife considerations for northern hardwood stands involve maintaining tree species diversity, the protection of den/nesting trees & snags, Coarse Woody Debris (CWD), and maintaining a scattering of mast-producing trees or shrubs. This will insure use by many species of wildlife. Examples of wildlife found here include ovenbird, red fox, scarlet tanager, and white-tailed deer.

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

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 200 and 400 feet. Beneath the glacial drift is the Mississippian Marshall Sandstone. The Marshall was previously used as a building stone. A gravel pit is located three miles to the northeast, but there is potential on uplands. This area is located four miles northwest of the Garfield 8 Field. The field produces from the Devonian Richfield and the Ordovician PdC. The entire compartment is currently leased for oil and gas exploration and development and is held by production as part of Encana's (now Marathon's) Bear Lake Collingwood UA. Three new well permits were issued in Section 13 in 2013.

### **Vehicle Access:**

There is good vehicle access throughout the compartment from Sunset Trail (a year-round county gravel road) and the forest road running east-west which is the snowmobile trail in the winter. Riverview Road (a seasonal county road) provides access to the southeastern part of Section 18.

### **Survey Needs:**

No Survey Needs at this time.

### **Recreational Facilities and Opportunities:**

A big portion of the Cranberry Lake Snowmobile Trail (Trail #76) runs east-west through the center of this compartment. This trail is also the Kalkaska ORV Route in the summer months. The Kalkaska ORV Trail, designed for ORVs <50 inches wide, runs north-south through the eastern half of this compartment. Trail protection specifications as outlined in DNR Policy and Procedures 32.22XX (Best Management Practices for Forest and Wildlife Management Adjacent to Recreational Trails) should be utilized where trails are potentially impacted (T.M.N. 12/10/14).

### **Fire Protection:**

Since most of the compartment is aspen and/or hardwood cover type, wildfire risk is minimal. Fire protection would be provided by the Kalkaska office and Bear Lake Township Fire Department.

### **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**



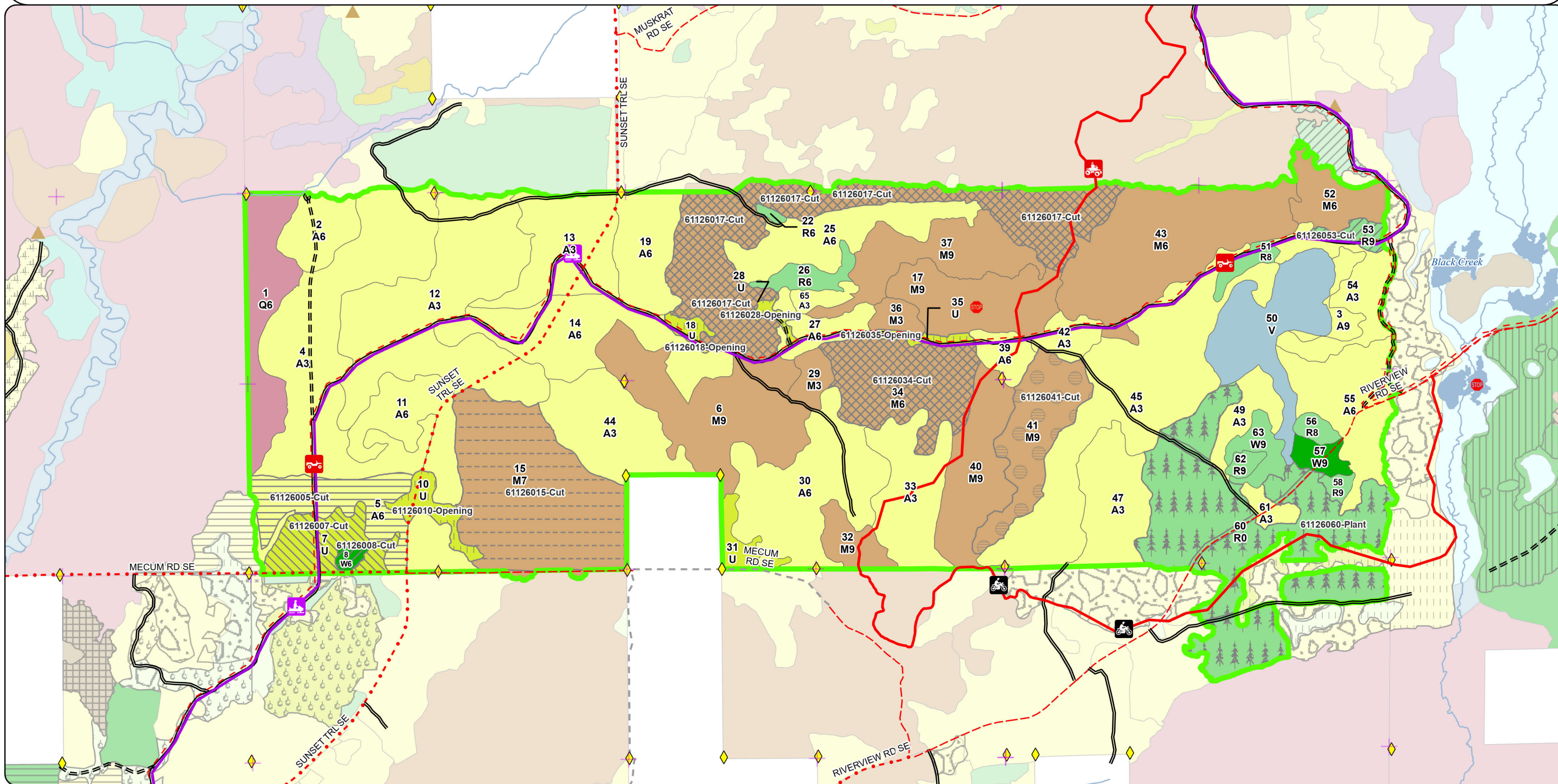
# Cover Type & Treatments Map

Compartment: 61126  
T26N R06W 13-14  
County: Kalkaska  
Unit: Traverse City  
Mgmt. Area: Kalkaska Sandy Moraines  
YOE: 2027  
Acres: 1,937 GIS Calculated  
Examiner: Thomas Peterson III  
Date Exported: 7/1/2025  
Map Phase: Web Post








0 0.5 1 Miles

- |                                |                                     |                                |                                   |
|--------------------------------|-------------------------------------|--------------------------------|-----------------------------------|
| ✚ Remonumented Section Corners | === DNR - Forest Access Route       | ▬ Compartment Boundary         | ▨ Openings Mgmt.                  |
| ◆ Survey Grade Corners         | - - - County - Gravel Road          | ▭ Clearcut                     | ■ 411 - Northern Hardwood         |
| ▲ Berms                        | - - - County - Dirt Road (Seasonal) | ▨ Selection                    | ■ 413 - Aspen                     |
| ● Sign                         | - - - Private - Dirt / Gravel Road  | ▨ Strip/Patch Cut              | ■ 421 - Planted Pines             |
| == Designated ORV Routes       | — Perennial River                   | ▨ Thinning                     | ■ 422 - Natural Pines             |
| — Designated ATV Trails        | ■ Lakes and Rivers                  | ▨ Overstory Removal            | ■ 612 - Lowland Coniferous Forest |
| — DNR - Secondary Forest Road  | ▭ Counties                          | ▨ Other Harvest - See Comments | ■ 330 - Low Density Trees         |
|                                | ⊕ Powerline                         | ▨ Planting (tree species)      | ■ 622 - Lowland Shrub             |

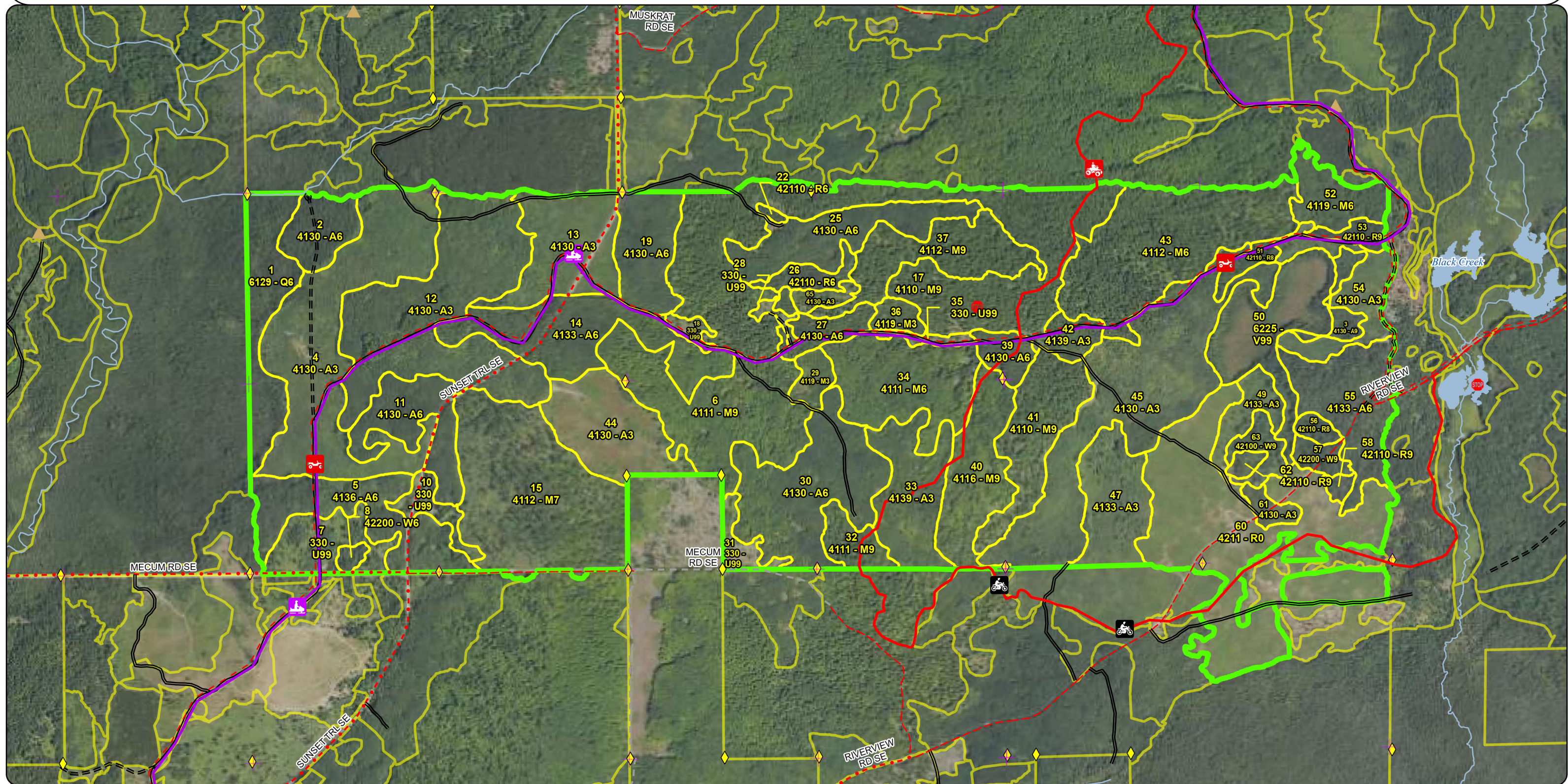






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|---|------------------------------|---|-------------------------------|---|-------------------------|
|    | Remonumented Section Corners |    | Designated ATV Trails         |    | Perennial River         |
|    | Survey Grade Corners         |    | DNR - Secondary Forest Road   |    | Lakes and Rivers        |
|  | Berms                        |  | DNR - Forest Access Route     |  | Counties                |
|  | Sign                         |  | County - Gravel Road          |  | Powerline               |
|  | Designated ORV Routes        |  | County - Dirt Road (Seasonal) |  | Compartment Boundary    |
|   |                              |  | Private - Dirt / Gravel Road  |   | 411 - Northern Hardwood |







- 413 - Aspen  
421 - Planted Pines  
422 - Natural Pines  
612 - Lowland Coniferous Forest  
330 - Low Density Trees  
622 - Lowland Shrub


















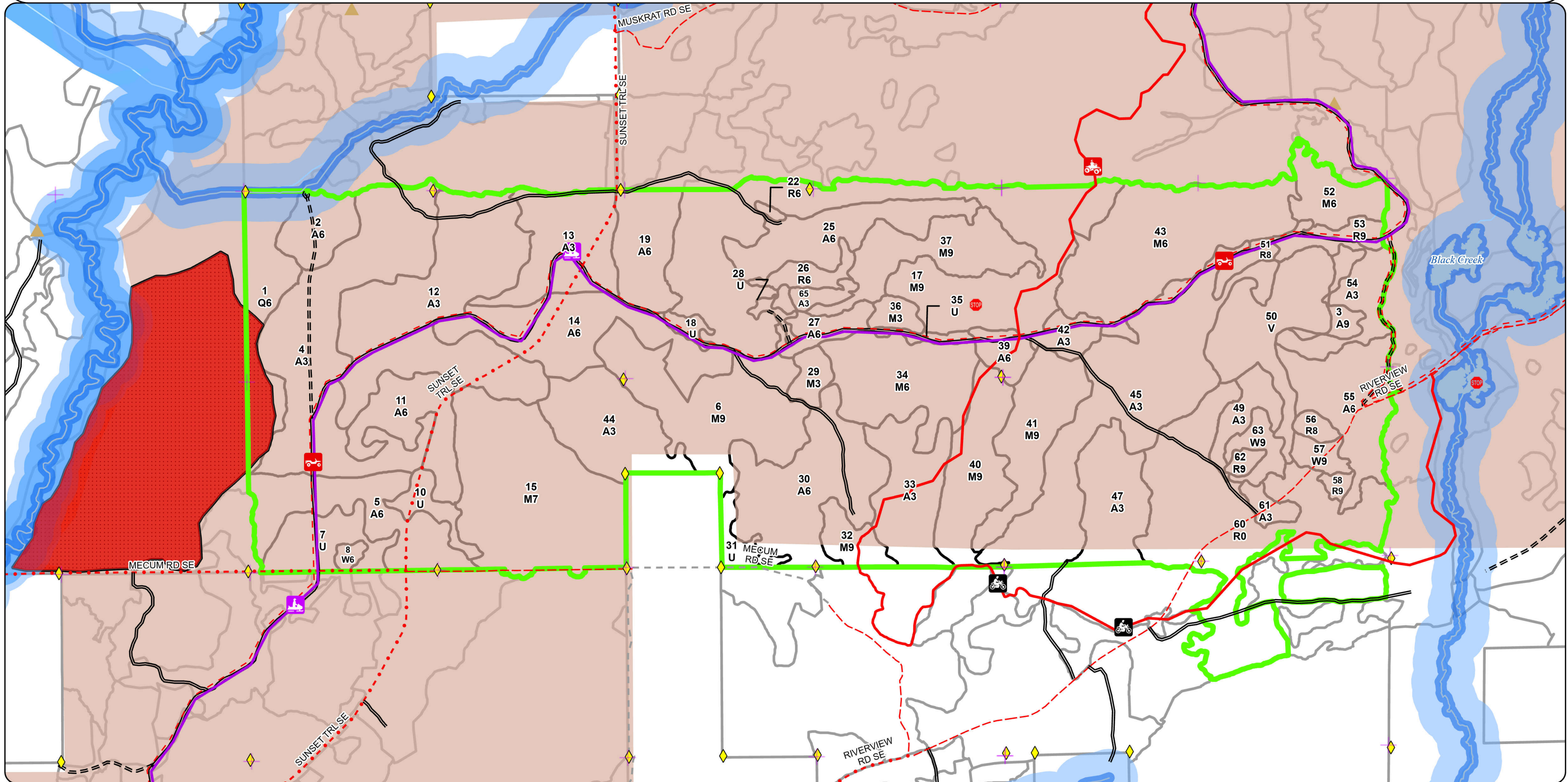
A horizontal scale bar with a black border. It is divided into four equal segments by three vertical lines. The first segment is solid black, the second is white, the third is solid black, and the fourth is white. Above the bar, the numbers 0, 0.5, and 1 are positioned at the first, second, and third vertical lines respectively. To the right of the bar, the word "Miles" is written.

-  Remonumented Section Corners
-  Survey Grade Corners
-  Berms
-  Sign
-  Designated ORV Routes
-  Designated ATV Trails

- ===== DNR - Secondary Forest Road
- === DNR - Forest Access Route
- - - County - Gravel Road
- - - County - Dirt Road (Seasonal)
- - - Private - Dirt / Gravel Road
- Perennial River
- Lakes and Rivers

-  Counties
-  Powerline
-  Compartment Boundary
-  Stand Boundaries
-  Ecological Reference Areas
-  Natural Rivers Vegetative Buffer
-  Natural Rivers Zoning District

-  SCA  
 Cold Water Streams  
 High Priority Trout Stream Buffer  
 Research, Development, and Military Lands  
 Other Habitat Area



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

Traverse City Mgt. Unit

Compartment 126 Year of Entry 2027

Thomas Peterson III: Examiner

## Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Unseen-Aged	Total
Aspen	0	287	270	45	224	69	54	0	0	0	0	0	0	0	0	0	0	0	949
Bog	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
Low-Density Trees	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55
Lowland Conifers	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	40
Northern Hardwood	0	0	15	0	0	0	22	202	0	399	13	0	0	0	0	0	0	0	651
Red Pine	139	0	0	0	0	0	0	17	6	0	4	6	0	0	0	0	0	0	172
White Pine	0	0	0	0	0	0	3	0	0	18	0	0	0	0	0	0	0	0	21
Total	242	287	285	45	224	69	79	219	6	417	17	46	0	0	0	0	0	0	1936

## Report 2 – Treatment Summary

Traverse City Mgt. Unit  
Year of Entry: 2027

Acres of Harvest

Compartment 126  
Total Compartment Acres: 1,937

Commercial Harvest - 497  
Harvests with Site Condition - 0  
Next Step Harvest - 0  
Habitat Cut - 0

### Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Oversory Removal	Salvage	Other	Total Acres
Aspen	34	0	0	0	0	0	0	0	0	34
Low-Density Trees	0	0	0	0	0	0	0	0	0	25
Northern Hardwood	0	165	0	0	0	104	0	0	0	284
Red Pine	0	0	0	0	6	0	0	0	0	6
White Pine	0	0	0	0	3	0	0	0	0	3
Total	34	165	0	0	9	104	0	0	0	353

### Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	353	0	134	0	0	0	0	0	0	508
Next Step	0	0	0	0	0	413	0	0	0	413
Total	353	0	134	0	0	413	0	0	0	921

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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
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**Proposed Treatments:**

53	61126053-Cut	6.3	42110 - Planted Red Pine	9	60	201+	Harvest	Thinning	4211 - Planted Red Pine	Planting Record	No
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Prescription Thin stand by removing approximately 1/3 of the volume. Target basal should be around 120 square feet. Follow Red Pine marking  
Specs: guidance. Use rec trail protection spec.

Next Step  
Treatments:

Acceptable Not a regeneration Harvest  
Regen:

Other  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

41	61126041-Cut	14.8	4110 - Sugar Maple Association	9	82	81-110	Harvest	Strip/Patch Cut	4211 - Planted Red Pine	Cutting Record	No
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Prescription Strip cut stand. Stand has eastern slope witch runs North to South. Cut between 10 to 15 acres of stand running 200 foot wide cut strips  
Specs: then leave 400 foot non cut stirp and follow this pattern throughout the stand. Strips should start from bottom of hill to top of hill (East to West). Cut all trees down to 1 inch in DBH during harvest. After harvest is completed, Site prep spray stand. Flat plant strips to any mixture of white pine, red pine, spruce or oak.

Next Step  
Treatments:

Acceptable Flat plant stand after site prep spray to any combination of white pine, red pine, spruce or oak.  
Regen:

Other Stand will need to be aerial site prep sprayed and flat planted do to hill.  
Comment:

Site Condition:

Proposed Start Date: 10/01/2026

35	61126035-Opening	4.1	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
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Prescription Selectively fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs  
Specs: and/or conifers for wildlife food and cover. Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. May need to fertilize plantings and protect with wire cages or tubex. Possibly also could seed in additional native grasses and forbs.

Next Step  
Treatments:

Acceptable  
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>34 61126034-Cut</b>	54.0	4111 - S.Maple, Hard Mast Association	6	68	111-140	Harvest	Selection	411 - Northern Hardwood	Planting Record	No
<p><u>Prescription</u> Thin stand down to an average basal area of 80 square feet. Create approximately 5-6 regeneration gaps that range from 1 to 1.5 acres in size. Gaps should range from 12% to 18 % of stands total acreage. Follow hardwood marking guidance. ORV trail runs east side of stand and snowmobile runs north side of stand. Use trail protection specs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Desirable mix of northern hardwoods such as cherry, sugar maple, red maple, and basswood. Were aspen clones are present aspen will be target species.</p> <p><u>Other Comment:</u> Future gap management - Any means necessary can be used to get desirable regeneration established in gaps. This includes, trenching, roller chopping, spraying, scarification, planting of any mixture of pine / oak.</p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>28 61126028-Opening</b>	3.0	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
<p><u>Prescription</u> Selectively fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. May need to fertilize plantings and protect with wire cages or tubex. Possibly also could seed in additional native grasses and forbs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										
<b>18 61126018-Opening</b>	4.2	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
<p><u>Prescription</u> Selectively fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs and/or conifers for wildlife food and cover. Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. May need to fertilize plantings and protect with wire cages or tubex. Possibly also could seed in additional native grasses and forbs.</p> <p><u>Specs:</u></p> <p><u>Next Step</u></p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u></p> <p><u>Other Comment:</u></p> <p><u>Site Condition:</u></p> <p><u>Proposed Start Date:</u> 10/01/2026</p>										

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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>17 61126017-Cut</b>	111.0	4110 - Sugar Maple Association	9	86	81-110	Harvest	Selection	411 - Northern Hardwood	Cutting Record	No
<u>Prescription</u> Thin Stand down to an average basal area of 60 square feet. If advance regeneration is currently present stand can be thinned harder. Open <u>Specs:</u> up any aspen clones when marking stand.  <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u>  <u>Acceptable</u> Desirable northern hardwood species such as black cherry, red maple, sugar maple, basswood. Aspen is also acceptable were clones were <u>Regen:</u> previously present.  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>15 61126015-Cut</b>	104.0	4112 - Maple, Beech, Cherry Association	7	65	1-50	Harvest	Overstory Removal	4139 - Aspen, Mixed Deciduous	Planting Record	No
<u>Prescription</u> Remove stands overstory. Protect all trees under 4 inches in DBH. Leave standard area retention in stand. Mark to leave 10-12 Sugar <u>Specs:</u> maple across stand for seed source in stand.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> Fully stocked Aspen stand, with any mix of hardwood species. <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>10 61126010-Opening</b>	10.5	330 - Low-Density Trees	99			Openings Mgmt.	Openings Mgmt.	3204 - Mast Producing Shrub	Previous Inventory	No
<u>Prescription</u> Selectively fell woody encroachment to maintain upland brush/grassland community. Leave scattered mast producing trees and shrubs <u>Specs:</u> and/or conifers for wildlife food and cover. Plant site appropriate native shrubs and/or mast producing trees for wildlife food and cover. May need to fertilize plantings and protect with wire cages or tubex. Possibly also could seed in additional native grasses and forbs.  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										
<b>8 61126008-Cut</b>	3.0	42200 - Natural White Pine	6	56	111-140	Harvest	Thinning	4220 - Natural White Pine	Planting Record	No
<u>Prescription</u> Thin stand down to a an average basal area of 80. Remove ladder fuels so stand can be burned along with stand 7. <u>Specs:</u>  <u>Next Step</u> <u>Treatments:</u>  <u>Acceptable</u> <u>Regen:</u>  <u>Other</u> <u>Comment:</u>  <u>Site Condition:</u>  <u>Proposed Start Date:</u> 10/01/2026										



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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>7 61126007-Cut</b>	25.2	330 - Low-Density Trees	99			Harvest	Other Harvest - See Comments	3303 - Mixed Low Density Trees	Previous Inventory	No
<u>Prescription</u> Opening maintenance - timber harvest before burn treatment. Cut all aspen down to 2 inches in DBH. Do not harvest any oak during harvest. In addition to leaving all oak Green tree mark cherry and pine to leave. Pull back all brush 50 foot from stand line for follow up burn. WLD would prefer a winter harvest if possible to protect existing herbaceous ground cover. <u>Specs:</u> <u>Next Step</u> <u>Treatments:</u> <u>Acceptable</u> <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										
<b>5 61126005-Cut</b>	34.3	4136 - Aspen, Mixed Conifer	6	49	81-110	Harvest	Clearcut	4134 - Aspen, Spruce/Fir	Planting Record	No
<u>Prescription</u> Clearcut stand with standard area retention. Retention is already drawn out in MIFI. Retention is along stand 65 to avoid any green up certification issues and along stand 7 to stop aspen clones from spreading into stand 7. Protect all Balsam fir and pine under 6 inches during harvest. Do not cut any oak during harvest. Use snowmobile trail protection spec during harvest. Use drumming log spec. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Fully stocked Aspen stand , with any mixture of balsam fir or pine <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2026										

**Approved Treatments:**

<b>47 61126060-Plant</b>	133.6	4133 - Aspen, Mixed Pine	3	6	Immature	Planting		4211 - Planted Red Pine	Planting Record	No
<u>Prescription</u> Plant red pine. <u>Specs:</u> <u>Next Step</u> ; ; ; Monitoring, Artificial Regen; Monitoring, Artificial Regen (3yr) <u>Treatments:</u> <u>Acceptable</u> Planted red pine at acceptable stocking levels. By foregoing intensive chemical site preparation, some natural deciduous regeneration should be expected and is acceptable for diversity. <u>Regen:</u> <u>Other</u> Percent to Treat = 100% <u>Comment:</u> <u>Site Condition:</u> <u>Proposed Start Date:</u> 10/01/2024										

**Total Treatment** 508  
**Acreage Proposed:**

# Report 4 – Site Conditions

Compartment: 126  
Year of Entry: 2027



Traverse City Mgt. Unit

Thomas Peterson III: Examiner

## Availability for Management

Total Acres	Acres Available	Acres With Condition	Acres Not Available	Dominant Site Conditions	3A	5E
763	753	0	11	Aspen		11
48	48	0	0	Bog		
55	55	0	0	Low-Density Trees		
39	0	0	39	Lowland Conifers	39	
651	651	0	0	Northern Hardwood		
172	173	0	0	Red Pine		
11	10	0	1	White Pine		1
1,740	1,690		50	Total Forested Acres	39	11
	97%		3%	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		3A: Conservation values incompatible with harvest at this time	39	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Part is ERA for Rich Conifer Swamp.								
2	Unavailable		5E: Long-Term Retention	6	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b> Retention from Sunset Aspen sale, 61-024-07-01.								
5	Unavailable		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								
6	Unavailable		5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
<b>Comments:</b>								



## Report 4 – Site Conditions

Compartment: 126  
Year of Entry: 2027



Traverse City Mgt. Unit

Thomas Peterson III: Examiner

7	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Mgt. Unit

Compartment: #Type!

Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
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Comments
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
1	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	40.2	100	Unspecified	N/A	2025 - Stand has a lot of Tag Alder Scattered throughout it.		
<div>Canopy Species</div> <div>Balsam Fir</div> <div>White Pine</div> <div>Red Maple</div> <div>Paper Birch</div> <div>Black Spruce</div> <div>Northern White Cedar</div> <div>Hemlock</div>		<div>% Cover</div> <div>15</div> <div>5</div> <div>5</div> <div>5</div> <div>25</div> <div>40</div> <div>5</div>	<div>Size Class</div> <div>Seedling</div> <div></div> <div></div> <div>Seedling</div> <div>Sapling</div> <div></div> <div>Seedling</div>	<div>DBH</div> <div>8</div> <div>18</div> <div>10</div> <div>8</div> <div>6</div> <div>8</div> <div>6</div>	<div>Age</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div>100</div> <div></div>	<div>Sub-Canopy Species</div> <div>Balsam Fir</div> <div>Tag Alder</div> <div>Black Spruce</div> <div>Northern White Cedar</div>	<div>Density</div> <div>High</div> <div>Low</div> <div>Low</div> <div>Low</div>	<div>Avg. Height</div> <div>Variable</div> <div>5 - 10 feet</div> <div>5 - 10 feet</div> <div>Variable</div>	<div>Size</div> <div>Variable</div> <div>5 - 10 feet</div> <div>5 - 10 feet</div> <div>Variable</div>
2	4130 - Aspen	Poletimber Well	20.1	47	51-80	N/A	2025 - Stand does have a lot of red maple in understory at this time. Stand is wet along west edge as it transitions into lowlands in stand #1.		
<div>Canopy Species</div> <div>Black Cherry</div> <div>Red Maple</div> <div>Bigtooth Aspen</div>		<div>% Cover</div> <div>10</div> <div>10</div> <div>80</div>	<div>Size Class</div> <div>Seedling</div> <div></div> <div></div>	<div>DBH</div> <div>8</div> <div>10</div> <div>9</div>	<div>Age</div> <div></div> <div></div> <div>47</div>	<div>Sub-Canopy Species</div> <div>Red Maple</div> <div>Balsam Fir</div> <div>Black Cherry</div>	<div>Density</div> <div>High</div> <div>Low</div> <div>Medium</div>	<div>Avg. Height</div> <div>Variable</div> <div>5 - 10 feet</div> <div>10 - 20 feet</div>	<div>Size</div> <div>Variable</div> <div>5 - 10 feet</div> <div>10 - 20 feet</div>
3	4130 - Aspen	Sawtimber Well	8.6	59	111-140	N/A	2025 - Originally part of stand 54. Stand does have some wet areas in it. Stand does have a few large red maples scattered throughout it, which must have seeded in subcanopy.		
<div>Canopy Species</div> <div>Balsam Fir</div> <div>Red Maple</div> <div>Bigtooth Aspen</div> <div>White Pine</div> <div>Black Cherry</div>		<div>% Cover</div> <div>5</div> <div>5</div> <div>75</div> <div>5</div> <div>10</div>	<div>Size Class</div> <div>Seedling</div> <div>Seedling</div> <div></div> <div>Seedling</div> <div>Seedling</div>	<div>DBH</div> <div>8</div> <div>8</div> <div>11</div> <div>8</div> <div>8</div>	<div>Age</div> <div></div> <div></div> <div>59</div> <div></div> <div></div>	<div>Sub-Canopy Species</div> <div>White Pine</div> <div>Red Maple</div> <div>White Oak</div>	<div>Density</div> <div>Low</div> <div>High</div> <div>Low</div>	<div>Avg. Height</div> <div>Variable</div> <div>Variable</div> <div>Variable</div>	<div>Size</div> <div>Variable</div> <div>Variable</div> <div>Variable</div>
4	4130 - Aspen	Sapling Well	112.1	6	Immature	N/A	2025 - Stand passed natural regeneration monitoring treatment. Stand is fully stocked aspen stand.2019 - Stand was final harvested under contract Frigid March Aspen Contract # 61-126-17-01.		
<div>Canopy Species</div> <div>Red Maple</div> <div>Bigtooth Aspen</div> <div>Black Cherry</div>		<div>% Cover</div> <div>25</div> <div>70</div> <div>5</div>	<div>Size Class</div> <div>Log</div> <div>Log</div> <div></div>	<div>DBH</div> <div>1</div> <div>1</div> <div>12</div>	<div>Age</div> <div></div> <div>6</div> <div></div>				
5	4136 - Aspen, Mixed Conifer	Poletimber Well	49.1	49	81-110	N/A	2025 - Stand has some balsam fir in western portion of stand. Stand does has a few openings in it.		
<div>Canopy Species</div> <div>Balsam Fir</div> <div>Red Pine</div> <div>White Pine</div> <div>Jack Pine</div> <div>Bigtooth Aspen</div>		<div>% Cover</div> <div>10</div> <div>5</div> <div>5</div> <div>5</div> <div>75</div>	<div>Size Class</div> <div>Sapling</div> <div></div> <div>Sapling</div> <div>Sapling</div> <div></div>	<div>DBH</div> <div>5</div> <div>10</div> <div>5</div> <div>5</div> <div>9</div>	<div>Age</div> <div></div> <div></div> <div></div> <div></div> <div>49</div>	<div>Sub-Canopy Species</div> <div>Balsam Fir</div> <div>Red Maple</div> <div>Red Pine</div> <div>White Pine</div> <div>Black Cherry</div>	<div>Density</div> <div>Low</div> <div>Low</div> <div>Low</div> <div>Low</div> <div>Low</div>	<div>Avg. Height</div> <div>Variable</div> <div>5 - 10 feet</div> <div>Variable</div> <div>Variable</div> <div>5 - 10 feet</div>	<div>Size</div> <div>Variable</div> <div>5 - 10 feet</div> <div>Variable</div> <div>Variable</div> <div>5 - 10 feet</div>

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6	4111 - S.Maple, Hard Mast Association	Poletimber Well	73.6	86	81-110	N/A	2025 - Stand has rolling hills throughout it. Stand has pockets of beech and standing dead ash. There are a few aspen clones scattered throughout stand. Stand average basal area came out to 98.3 square feet.																																																			
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7	330 - Low-Density Trees	Unspecifed	25.2			Yes	2025 - Opening that is filling in with scattered white pine, cherry, oak, maple. Stand has several aspen clones that are merchantable at this time.																																																			
8	42200 - Natural White Pine	Poletimber Well	3.0	56	111-140	N/A	2025 - Small pocket of white pine.																																																			
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10	330 - Low-Density Trees	Unspecifed	10.5			Yes	2025 - Stand is opening with larger red maple and black cherry and pine scattered throughout it. Aspen and pine starting to fill in stand edges.																																																			
11	4130 - Aspen	Sapling Well	34.5	28	1-50	N/A	2025 - Stand transitioned into pole stand this year of entry.1997 - Stand was final harvested under timber sale Sunset Aspen (Sale #61-016-97).																																																			
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12	4130 - Aspen	Sapling Well	111.3	17	Immature	N/A	2025 - Stand is fully stocked aspen stand with a few scattered white pine. Should turn into pole stand next year of entry. 2008 - Stand was final harvested under contract Sunset Aspen (sale# 61-024-07-01).																																																			
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13	4130 - Aspen	Sapling Well	46.2	6	Immature	N/A	2025- Stand has passed its monitoring treatment as is fully stocked aspen stand with a few open pockets. 2019 - Stand was final harvested under contract Frigid March Aspen Contract # 61-126-17-01.																																																			
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14	4133 - Aspen, Mixed Pine	Poletimber Well	58.9	37	51-80	N/A	2025 - Fully stocked stand of aspen. Lots of white pine in east part of stand. White pine is still under aspen at this point, but might start competing with aspen in future and turn into more of a pine stand.																																															
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15	4112 - Maple, Beech, Cherry Association	Sawtimber Poor	105.5	65	1-50	N/A	2025 - Basal area varies across stand. Areas with no canopy, aspen is doing well. Areas, were there is canopy beech is starting to overtop aspen. Hardwood is poor quality. There are not many crop trees, within stand. 2020 - Stand was thinned as part of contract Found Wallet Mix (sale #61-145-2017).																																															
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17	4110 - Sugar Maple Association	Sawtimber Well	153.0	86	81-110	N/A	2025 Stands average basal area is around 90 at this time.2018 - Stand was thinned fall under contract 3 Honks Hardwood (Sale #61-142-17).																																															
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18	330 - Low-Density Trees	Unspecified	4.2			Yes	2025 - Stand has some maple and aspen on edges starting to expand into opening.																																															
19	4130 - Aspen	Poletimber Well	31.0	37	51-80	N/A	2025 - Fully stocked stocked stand of aspen with red maple in understory 1998 - Stand was final harvested under timber sale Woodcock Beak Sale (Sale # 61-045-86-01).																																															
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22	42110 - Planted Red Pine	Poletimber Well	1.3	60	81-110	N/A	2010 - Stand was thinned for second time under contract Pine Pockets (sale #61-16-07).																																															
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25	4130 - Aspen	Poletimber Well	40.2	36	1-50	N/A	2025 - Stand has transitioned into pole size stand at this time. Stand does have some sugar maple under the aspen. Stand might be a good one to watch and let succession take over and convert to hardwoods. 1989 - Stand was final harvested under Big Buck Block (Sale # 61-051-86-01).																																															
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26	42110 - Planted Red Pine	Poletimber Well	9.3	60	111-140	N/A	2025 - Stand currently has an average basal are of 120 at this time. Beech is starting to become problem in understory. 2010 - Stand was thinned for second time under contract Pine Pockets (sale #61-16-07).																																																
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27	4130 - Aspen	Poletimber Well	13.9	36	1-50	N/A	2025 - Stand transitioned into pole size stand this YOE.1989 - Stand was final harvested under sale Big Buck Block (Sale # 61-051-86-01).																																																
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28	330 - Low-Density Trees	Unspecifed	3.0			Yes	2025 - Opening with edges starting to fill in with trees.																																																
29	4119 - Mixed Northern Hardwoods	Sapling Well	8.2	15	Immature	N/A	2025 - Beech is main problem in stand. Beech is just starting to be out competed by desirable species at this time. Look for percent of beech to change in future. 2010- Stand had overstory removed under Don's release (Sale #61-017-07). 1997 - Stand was thinned under timber sale Compartment 26 (Sale #61-100-96).																																																
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30	4130 - Aspen	Poletimber Well	69.8	38	51-80	N/A	2024 - Stand Transitioned into pole size stand this year of entry.  1987 - Stand was final harvested under sale Snow Sale (Sale #61-017-87).																																																
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31	330 - Low-Density Trees	Unspecifed	8.4			Yes	2024 - Large opening that continues into private land. Edges are being pushed by aspen and maple regeneration and middle of stand has white pine seeding into it.																																																
32	4111 - S.Maple, Hard Mast Association	Sawtimber Well	13.1	92	111-140	N/A	2025 poor quality clumpy hardwood																																																
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
33	4139 - Aspen, Mixed Deciduous	Sapling Well	40.9	16	Immature	N/A	2025 - Beech is started to be out competed but cherry and maple. Aspen clones are doing well and are dominating stand. Overside scattered maple left. Hopefully as stand progress beech becomes less of a problem. Overstory trees were left scattered during harvest as seed source. 2009 - Stand was final harvested under timber sale Retirement Habitat (Sale #61-019-07).		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Beech	12	Log	2	16	Beech	High		< 5 feet	< 5 feet
Black Cherry	15	Log	1						
Sugar Maple	5		12						
Sugar Maple	7	Log	2						
Red Maple	5		12						
Red Maple	15	Log	1						
Bigtooth Aspen	41	Log	2	16					
34	4111 - S.Maple, Hard Mast Association	Poletimber Well	54.0	68	111-140	N/A	2025 - Stand average basal area is 130 at this time.		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Cherry	3		10		Beech	Medium	10 - 20 feet	10 - 20 feet	
Basswood	15		12		Ironwood	Medium	10 - 20 feet	10 - 20 feet	
Sugar Maple	50		8	68					
Red Maple	12	Seedling	8						
Bigtooth Aspen	10		8						
Beech	10		12						
35	330 - Low-Density Trees	Unspecifed	4.1			Yes	2025 - A Few cherry trees and red maple scattered throughout stand.		
36	4119 - Mixed Northern Hardwoods	Sapling Well	6.6	15	Immature	N/A	2025 - Beech seems to be dying off or at least getting out competed at this time. Ironwood still an issue, some oak and sugar maple are starting to out compete ironwood in spots. 2010- Stand had overstory removed under Don's release (Sale #61-017-07). 1997 - Stand was thinned under timber sale Compartment 26 (Sale #61-100-96).		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density		Avg. Height	Size
Ironwood	29	Log	2	15	Beech	Medium		< 5 feet	< 5 feet
Beech	15	Log	1	15					
Red Oak	10	Log	2						
Sugar Maple	10	Log	1						
Red Maple	10	Log	1	15					
White Pine	1	Log	2						
Black Cherry	25	Log	2						
37	4112 - Maple, Beech, Cherry Association	Sawtimber Well	41.5	85	81-110	N/A	2025 - Stand has an average basal area around 90. 2018 - Stand was thinned under Gonzo Nose Hardwoods (Sale 61-101-16)		
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Black Cherry	5		10		Beech	High	Variable	Variable	
Ironwood	6	Seedling	6		Ironwood	High	Variable	Variable	
Basswood	13		14		Sugar Maple	Low	Variable	Variable	
Sugar Maple	61		12	85	Bigtooth Aspen	Low	Variable	Variable	
Red Maple	15		10						

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
39	4130 - Aspen	Poletimber Well	10.5	38	1-50	N/A	2025 - Stand has transitioned into pole stand this YOE.1987 - Stand was final harvested under sale Snow Cone Sale (Sale # 61-025-87-01).																																		
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Black Cherry	5	Pole	4																																						
Red Maple	5	Sapling	5																																						
Bigtooth Aspen	90	Sapling	6	38																																					
40	4116 - Mixed N. Hardwood - Aspen	Sawtimber Well	42.2	68	81-110	N/A	2025 - Stand has aspen clones throughout stand. Hardwood is poor quality. Should be enough aspen to clearcut stand next YOE.																																		
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41	4110 - Sugar Maple Association	Sawtimber Well	41.0	82	81-110	N/A	2025 - Understory is currently a wall of beech. Stand is on steep rolling hills. Stand has an average basal area around 90 at this time.																																		
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42	4139 - Aspen, Mixed Deciduous	Sapling Well	10.2	28	Immature	N/A	2025 - Stand should transition in to pole stand next YOE. A Few aspen trees have reached pole size at this time. 1997 - Stand was final harvested under timber sale Sunset Aspen (Sale #61-016-97).																																		
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Black Cherry	10	Log	1																																						
43	4112 - Maple, Beech, Cherry Association	Poletimber Well	90.3	89	81-110	N/A	2025 - Stand has an average basal area around 90 at this time. Stand has beech in understory. 2018 - Stand was thinned under timber sale Gonzo Nose Hardwoods (Sale #61-101-16).																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Sugar Maple</td><td>20</td><td></td><td>9</td><td>89</td></tr><tr><td>Red Maple</td><td>55</td><td></td><td>10</td><td>89</td></tr><tr><td>Black Cherry</td><td>10</td><td></td><td>9</td><td>89</td></tr><tr><td>Basswood</td><td>15</td><td></td><td>13</td><td>89</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Sugar Maple	20		9	89	Red Maple	55		10	89	Black Cherry	10		9	89	Basswood	15		13	89									
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Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
44	4130 - Aspen	Sapling Medium	45.6	5	Immature	N/A	2025 - Stand is fully stocked aspen stand at this time. Stand does have a few open pockets. Beech seems to be burnt out at this time, due to opening up stand. 2020 - Stand was final harvested under contract Found Wallet Mix (Sale #61-145-17).																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Maple</td><td>10</td><td>Log</td><td>1</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Log</td><td>1</td><td>5</td></tr><tr><td>Beech</td><td>10</td><td>Log</td><td>1</td><td>5</td></tr><tr><td>Black Cherry</td><td>10</td><td>Log</td><td>1</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Log	1		Bigtooth Aspen	70	Log	1	5	Beech	10	Log	1	5	Black Cherry	10	Log	1																																
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45	4130 - Aspen	Sapling Well	111.5	16	Immature	N/A	2025 - Fully stocked stand of aspen.2009 - Stand was final harvested under timber sale Retirement Habitat Sale (Sale #61-019-07).																																																								
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Bigtooth Aspen	70	Log	2	16																																																											
47	4133 - Aspen, Mixed Pine	Sapling Well	36.2	6	Immature	N/A	2025 - Stand has passed it natural regeneration monitoring treatment. Appears everything but white pine was harvested during clearcut. Lots of white pine scattered throughout stand at this time. 2019 - Stand was Final harvested under timber sale Monster Stump Rally (Sale # 61-135-17).																																																								
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49	4133 - Aspen, Mixed Pine	Sapling Well	14.0	6	Immature	N/A	2025 - Stand has passed it natural regeneration monitoring treatment. Appears everything but white pine was harvested during clearcut. Lots of white pine scattered throughout stand at this time. 2019 - Stand was final harvested under Monster Stump Rally (Sale #61-135-17).																																																								
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50	6225 - Bog	Unspecifed	48.4			No	2025 - VO leatherleaf bog. A few pine, spruce and tamarack scattered throughout stand. Trees mostly growing on outside of stand.																																																								
51	42110 - Planted Red Pine	Sawtimber Medium	6.0	75	111-140	N/A	2025 - Stand has an average basal area around 130 at this time.																																																								
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52	4119 - Mixed Northern Hardwoods	Poletimber Well	21.8	53	51-80	N/A	2025 - Young hardwood stand. Clumpy red maple. Some scattered oak. A few clones of aspen. Parts of stand are still converting from saplings to pole timber.																																																								
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>8</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Oak</td><td>3</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>White Pine</td><td>1</td><td></td><td>15</td><td></td></tr><tr><td>Black Cherry</td><td>10</td><td>Seedling</td><td>8</td><td></td></tr><tr><td>Sugar Maple</td><td>29</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Red Maple</td><td>39</td><td>Seedling</td><td>8</td><td>53</td></tr><tr><td>Bigtooth Aspen</td><td>10</td><td></td><td>10</td><td></td></tr></table> <table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>Red Maple</td><td>Low</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr><tr><td>White Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Beech</td><td>Medium</td><td>5 - 10 feet</td><td>5 - 10 feet</td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	8	Seedling	8		White Oak	3	Seedling	8		White Pine	1		15		Black Cherry	10	Seedling	8		Sugar Maple	29	Sapling	5		Red Maple	39	Seedling	8	53	Bigtooth Aspen	10		10		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	5 - 10 feet	White Oak	Low	Variable	Variable	Beech	Medium	5 - 10 feet	5 - 10 feet
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Stand	Level 4 Cover Type		Size Density		Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
53	42110 - Planted Red Pine		Sawtimber Well		6.3	60	201+	N/A	2025 - Stand has an basal area at right around 200 at this time.2010 - Stand was thinned for second time under contract Pine Pockets (sale #61-16-07).																																																		
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54	4130 - Aspen		Sapling Well		27.6	5	Immature	N/A	2025 - Stand passed natural regeneration monitoring treatment.2019 - Stand was final harvested under timber sale contract Monster Stump Rally (Sale# 61-135-17).																																																		
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55	4133 - Aspen, Mixed Pine		Poletimber Well		45.4	55	51-80	N/A	2025 - Southern portion of stand has pine mixed in with the aspen. There is a decent amount of oak and pine coming in under aspen.																																																		
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Pine</td><td>7</td><td></td><td>11</td><td>85</td></tr><tr><td>Red Maple</td><td>3</td><td>Sapling</td><td>7</td><td>55</td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td></td><td>9</td><td>55</td></tr><tr><td>White Pine</td><td>15</td><td></td><td>10</td><td>85</td></tr><tr><td>Black Cherry</td><td>5</td><td>Sapling</td><td>6</td><td>55</td></tr></table>					Canopy Species	% Cover	Size Class	DBH		Age	Red Pine	7		11	85	Red Maple	3	Sapling	7	55	Bigtooth Aspen	70		9	55	White Pine	15		10	85	Black Cherry	5	Sapling	6	55	<table><tr><th>Sub-Canopy Species</th><th>Density</th><th>Avg. Height</th><th>Size</th></tr><tr><td>White Pine</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Black Cherry</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>White Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr><tr><td>Red Oak</td><td>Low</td><td>Variable</td><td>Variable</td></tr></table>				Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Variable	Black Cherry	Low	Variable	Variable	White Oak	Low	Variable	Variable	Red Oak	Low	Variable	Variable
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56	42110 - Planted Red Pine		Sawtimber Medium		4.4	95	51-80	N/A	2025 - Stand could have overstory removed at this time. Due to small size of stand hold and cut stand with stand 55. 2019 - Stand was thinned under timber sale Monster Stump Rally (Sale # 61-135-17).2009 - Stand was thinned under timber sale Century Red0 (Sale # 61-020-07-01).																																																		
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57	42200 - Natural White Pine		Sawtimber Well		7.3	85	111-140	N/A	2025 - Stand has a few super canopy white pines scattered throughout it. Stand could be converted to aspen stand with amount of aspen scattered throughout stand.																																																		
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58	42110 - Planted Red Pine		Sawtimber Well		3.0	105	111-140	N/A	2025 - Stand does not have a fully stocked understory at this time.2019 - Stand was thinned under timber sale Monster Stump Rally (Sale # 61-135-17).2009 - Stand was thinned under timber sale Century Red0 (Sale # 61-020-07-01).																																																		
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60	4211 - Planted Red Pine	Unspecifed	138.9	0	Immature		2024 - Stand was site prep sprayed by contract helicopter 8/12/2024 2023 - Stand was trenched to plant red pine. 9/7/2023 2023 - Stand was roller chopped to control competition. 7/2023 2020 - Cut and chipped 2020 with Monster Stump Rally, 61-135-17. Original stand was poor quality and off-site aspen with some open areas. Very large old white pine stumps. Ready for trenching.																																			
61	4130 - Aspen	Sapling Well	6.2	17	Immature	N/A	2025 - Fully stocked aspen stand. Stand has county culvert in it that goes under Riverview Road, appears to be some with some sort of seasonal drainage.2009 - Stand was final harvested under timber sale Retirement Habitat sale (Sale # 61-019-07-01).																																			
<table><tr><th>Canopy Species</th><th>% Cover</th><th>Size Class</th><th>DBH</th><th>Age</th></tr><tr><td>Red Oak</td><td>10</td><td>Log</td><td>3</td><td></td></tr><tr><td>White Oak</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Bigtooth Aspen</td><td>70</td><td>Log</td><td>2</td><td>17</td></tr><tr><td>White Pine</td><td>5</td><td>Sapling</td><td>5</td><td></td></tr><tr><td>Jack Pine</td><td>5</td><td>Log</td><td>2</td><td></td></tr><tr><td>Black Cherry</td><td>5</td><td>Log</td><td>2</td><td></td></tr></table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	10	Log	3		White Oak	5	Log	2		Bigtooth Aspen	70	Log	2	17	White Pine	5	Sapling	5		Jack Pine	5	Log	2		Black Cherry	5	Log	2	
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Black Cherry	5	Log	2																																							
62	42110 - Planted Red Pine	Sawtimber Well	3.3	105	111-140	N/A																																				
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63	42100 - Planted White Pine	Poletimber Well	10.5	85	81-110	N/A																																				
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