



Compartment Review Presentation

Gladwin Forest Management Unit

Compartment 73126

Entry Year 2026

Acreage: 7,613

County Arenac

Management Area: Gladwin Lake Plain

Stand Examiner: Steve Nyhoff

Legal Description:

T19N - R03E, Sections 5 - 8, 14 - 18, 20, 21 & 32 T20N - R03E, Sections 20, 28 - 34

Identified Planning Goals:

Vegetation management in the Gladwin Lake Plain management area (MA) (Figure 4.32.1) will provide forest products; maintain or enhance wildlife habitat; protect areas of unique character including the Rifle River, a designated natural river; the Lame Duck Foot Access Area, a high conservation value area; several wildlife area floodings; threatened, endangered and special concern species; and provide for forest-based recreational uses. Timber management for this 10-year planning period will focus on balancing the age-class distributions for aspen and red pine. Wildlife habitat management objectives include perpetuating early-successional communities for species adapted to young forests for hunting and other wildlife-related recreation opportunity. Expected trends in this 10-year planning period will be the continued need to address illegal off-road vehicle use, trash dumping and increased recreational pressure.

Soil and topography:

The soils are variable. The northern 1/3 is dominated by Rubicon association which is well to moderately well drained and large areas of Au Gres association which is somewhat poorly drained. There are also inclusions of poorly drained Roscommon association.

The central 1/3 is dominated by Roscommon association with inclusions of muck soils, mainly Tawas Muck. There are areas of Au Gres association along the west side and ridges of Rubicon association and East Port association which are both well to moderately well drained.

The south 1/3 is dominated by Au Gres association and Rubicon association. There are also large areas of Roscommon association and ridges of East Port association.

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

The compartment is largely a contiguous tract of public land. It is bisected by a strip of Consumers Energy ownership. The strip has maintained overhead transmission lines on it. There is also a natural gas pipeline that runs through the central portion. The compartment is bordered by the Lame Duck Foot Access Area to the west, I-75 to the east and private land at the north and south ends. Most of the public-private interface is concentrated in the southern portion of the compartment. The private land generally is used for recreational/hunting purposes, although some limited agricultural use exists. There is a landlocked 80 acres at the north end of the compartment.

Unique Natural Features:

The Michigan Natural Features Inventory (MNFI) lists the occurrence of Doll's Merolonche moth (*Merolonche Dolli*) within the compartment. Red-Shouldered hawk (*Buteo lineatus*) and Eastern massasauga rattlesnake (*Sistrurus catenatus*) are listed with MNFI as occurring just outside the compartment. During the inventory process a Bald Eagle (*Haliaeetus leuccephalus*) nest was located in the compartment.

Archeological, Historical, and Cultural Features:

No Archeological, Historical, or Cultural Features known.

Special Management Designations or Considerations:

A Director's Order restricts the use of approximately 1575 acres. This is in T20N, R2E, Sections 28, 29, 32, and 33 in the northern quarter of the compartment and east of Wells Creek to non-motorized vehicles.

Watershed and Fisheries Considerations:

Wells Creek flows thru part of the compartment. There are several small creeks and drainages that flow into Wells Creek. There are three man-made ponds in the northeast area. They are the result of the construction of I-75.

Wildlife Habitat Considerations:

Wildlife Habitat Considerations: Compartment #126. Both upland and lowland systems are present, making it suitable for a number of wildlife species. The majority of stands are lowland cover types with oak ridges in the southern portion of the

compartment. Furbearers including beaver, mink, muskrat, black bear, bobcat, and coyote use the lowlands as corridors as well as year-round habitat. Game species likely to be present in this compartment include black bear, bobcat, raccoon, coyote, wood duck, wild turkey, ruffed grouse and white-tailed deer. Many bird species stand to benefit from the juxtaposition of lowland and upland habitats present in the compartment. These species include gray catbird, redbellied vireo, white-breasted nuthatch, tufted titmouse, black-capped chickadees, eastern kingbirds and northern flicker. The compartment is easily accessible to hunters via the Sterling Truck Trail.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. The glacial drift thickness varies between 100 and 200 feet. Beneath the glacial drift are the Pennsylvanian Saginaw Formation and the Mississippian Michigan Formation. The Michigan is quarried for gypsum and the Saginaw is used for clay/shale. Gravel pits are not located in this area and potential appears to be limited. The mostly abandoned Moffatt 34 Field is located in the compartment. The Field produces minor oil from the Richfield Formation. Most of the Compartment is currently leased for oil and gas development.

Vehicle Access:

Access may be gained from Lame Duck Truck Trail, Sterling Truck Trail, and Lucas, Ward, and Demura Roads. Hunter Walking Trails have been designated east of Wells Creek in the north part of the compartment. This is a result of the Directors order. Three gates help control access to the closed area. The interior dirt roads can become seasonally impassable.

Survey Needs:

The area has been surveyed establishing the private/public interface. The needed corners are in place.

Recreational Facilities and Opportunities:

There are no established facilities in the compartment. However, dispersed recreation is popular throughout the compartment with its varying cover types for hunting and camping. There is some abuse by illegal ORV activity in the southern portion of the compartment. Consider utilizing timber management activities to balance resource protection by closing illegal trails.

Fire Protection:

Wildland fire suppression could prove difficult within the compartment. The limited county roads, poor dirt roads, and overall seasonal wetness across much of the area will negatively affect fire suppression activities. Large contiguous areas of wet muck soils, leatherleaf and blueberry bogs will be particularly challenging to equipment mobility. I-75 serves as the compartment's east border. Smoke and visibility management issues along the highway will be a priority.

Additional Compartment Information:

The landlocked 80 acres at the north end of the compartment should be put up for disposal. Also, off of Ward Road two old well site have been remediated.

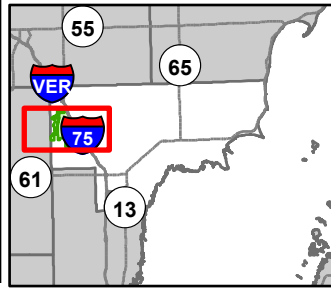
The following reports from the Inventory are attached:

- 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**

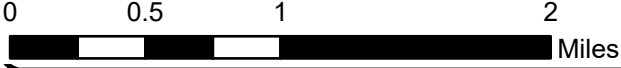
The following information is displayed, where pertinent, on the attached compartment maps:

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

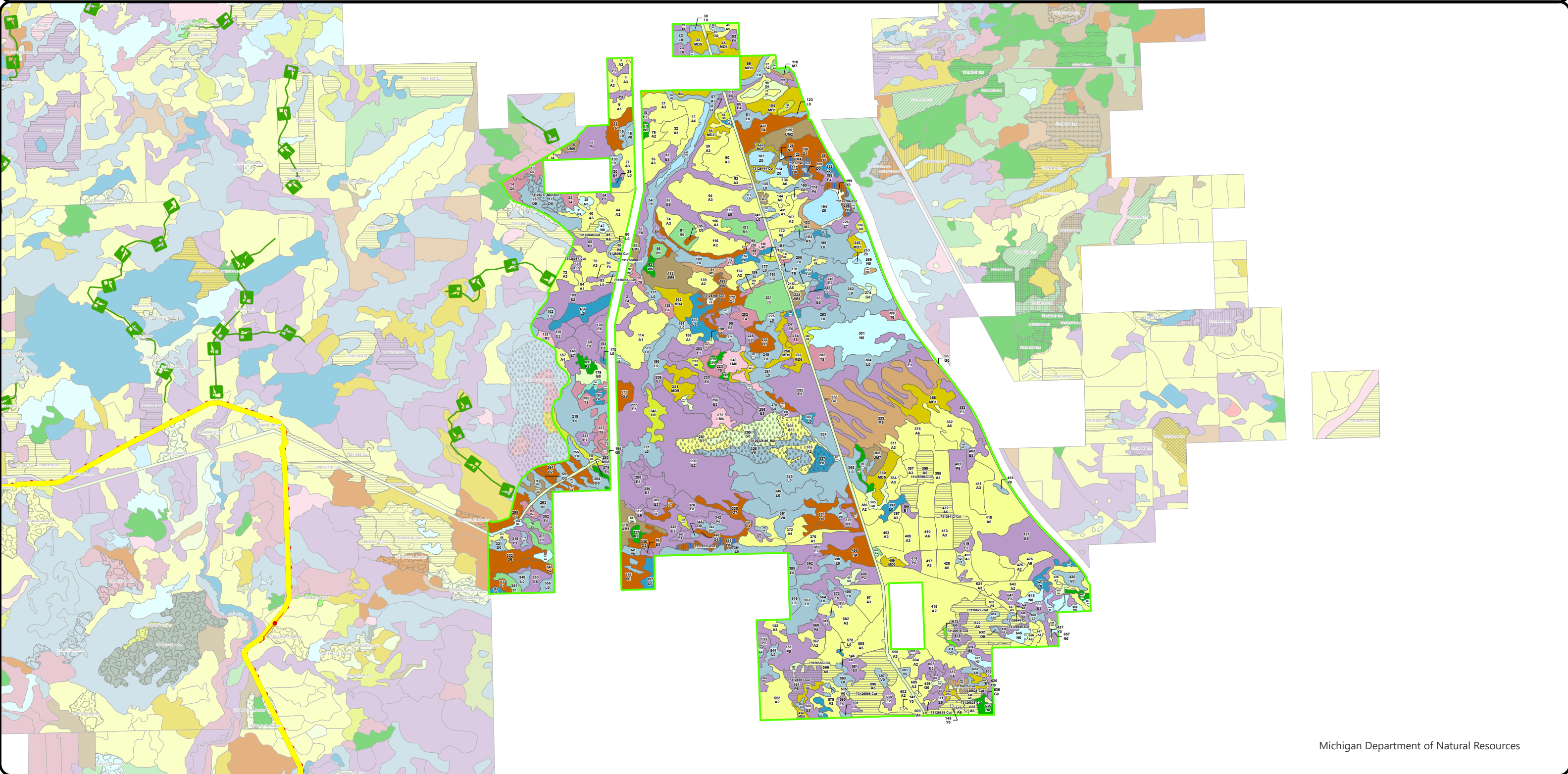
Cover Type & Treatments Map



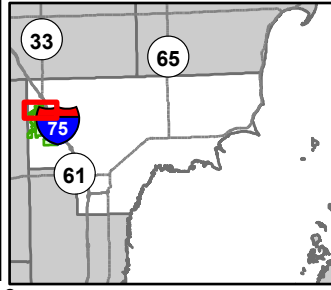
Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



- | | | | |
|----------------------------------|------------------------------|---------------------------------|----------------------------------|
| Designated Hunter Walking Trails | Regeneration Survey | 422 - Natural Pines | 310 - Herbaceous Openland |
| Designated MCCCT Trails | Shelter Wood (w/Reserves) | 429 - Mixed Upland Conifers | 330 - Low Density Trees |
| Compartment Boundary | 411 - Northern Hardwood | 430 - Upland Mixed Forest | 500 - Water |
| Selection (Group, Single Tree) | 412 - Oak Types | 611 - Lowland Deciduous Forest | 622 - Lowland Shrub |
| Clearcut (w/Reserves) | 413 - Aspen Types | 612 - Lowland Coniferous Forest | 623 - Emergent Wetland |
| Prescribed Burn | 419 - Mixed Upland Deciduous | 613 - Lowland Mixed Forest | 629 - Mixed Non-forested Wetland |
| Seed Tree (w/Reserves) | 421 - Planted Pines | 211 - Cropland | 710 - Sand/Soil |

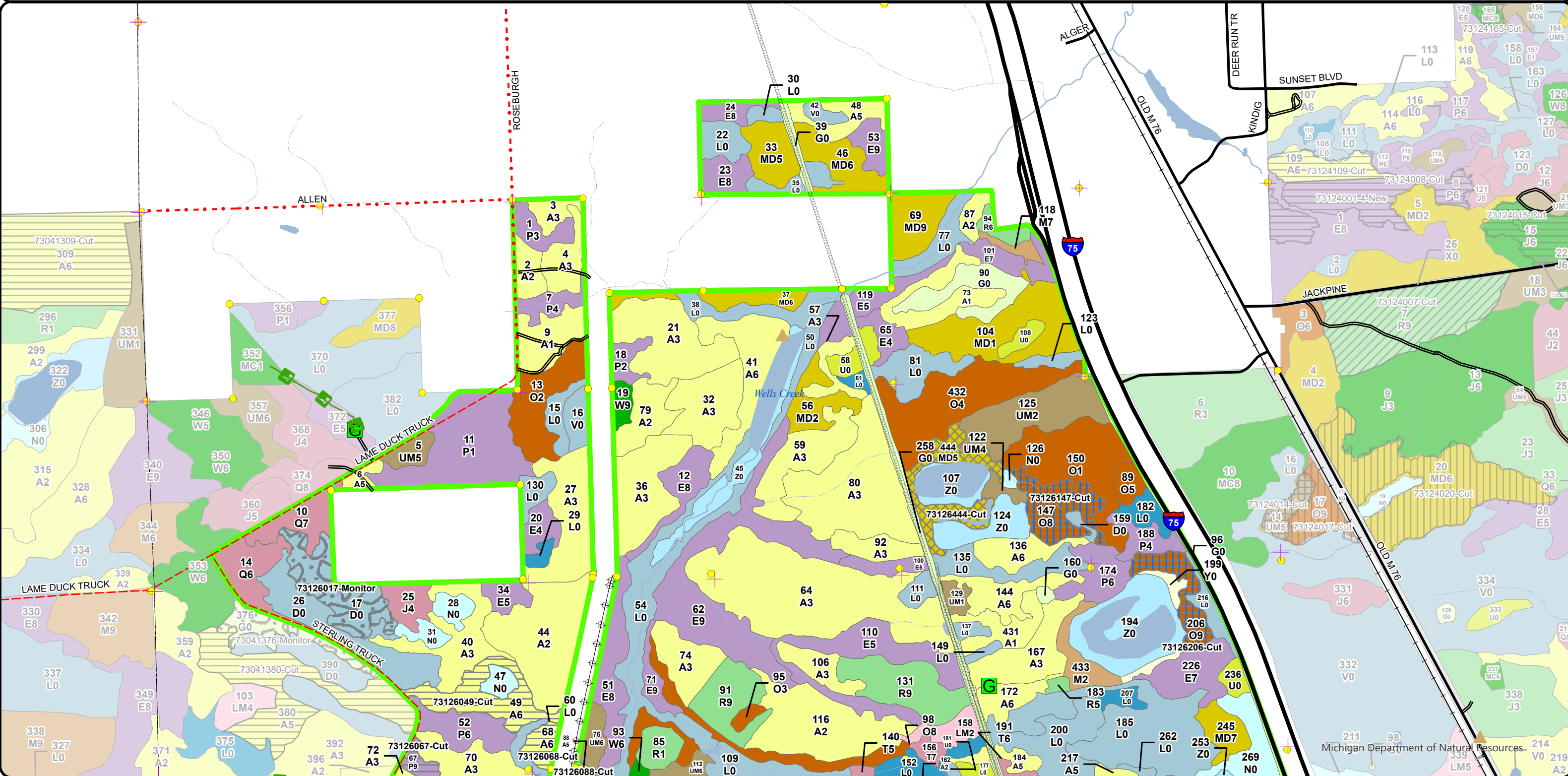
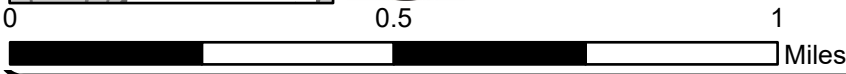


Cover Type & Treatments Map



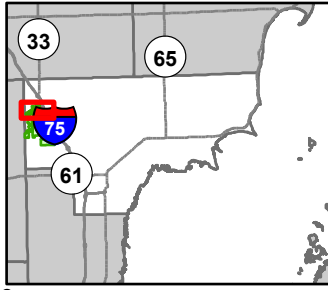
Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

- | | | | | |
|---|-----------------------------------|----------------------------------|---------------------------------|----------------------------------|
| ▲ Berms | --- County - Gravel Road | ⚡ Powerline | 413 - Aspen Types | 330 - Low Density Trees |
| Ⓜ Gate | --- County - Dirt Road (Seasonal) | ▬ Compartment Boundary | 419 - Mixed Upland Deciduous | 500 - Water |
| ● Survey Grade Corners | — Private - Paved Road | ▭ Counties | 421 - Planted Pines | 622 - Lowland Shrub |
| ⊕ Remonumented Section Corners | — Active Railroads | ▨ Selection (Group, Single Tree) | 422 - Natural Pines | 623 - Emergent Wetland |
| ▬ Designated Hunter Walking Trails | — Intermittent Stream | ▭ Clearcut (w/Reserves) | 430 - Upland Mixed Forest | 629 - Mixed Non-forested Wetland |
| ▬ DNR - Secondary Forest Road | — Lake/Pond | ▨ Seed Tree (w/Reserves) | 611 - Lowland Deciduous Forest | 710 - Sand/Soil |
| ▬ Federal / State Highway | — Perennial River | ▨ Regeneration Survey | 612 - Lowland Coniferous Forest | |
| ▬ Federal / State / County - Paved Road | ▬ Lakes and Rivers | ■ 411 - Northern Hardwood | 613 - Lowland Mixed Forest | |
| | ▬ Pipeline | ■ 412 - Oak Types | 310 - Herbaceous Openland | |



Stand Boundary Map

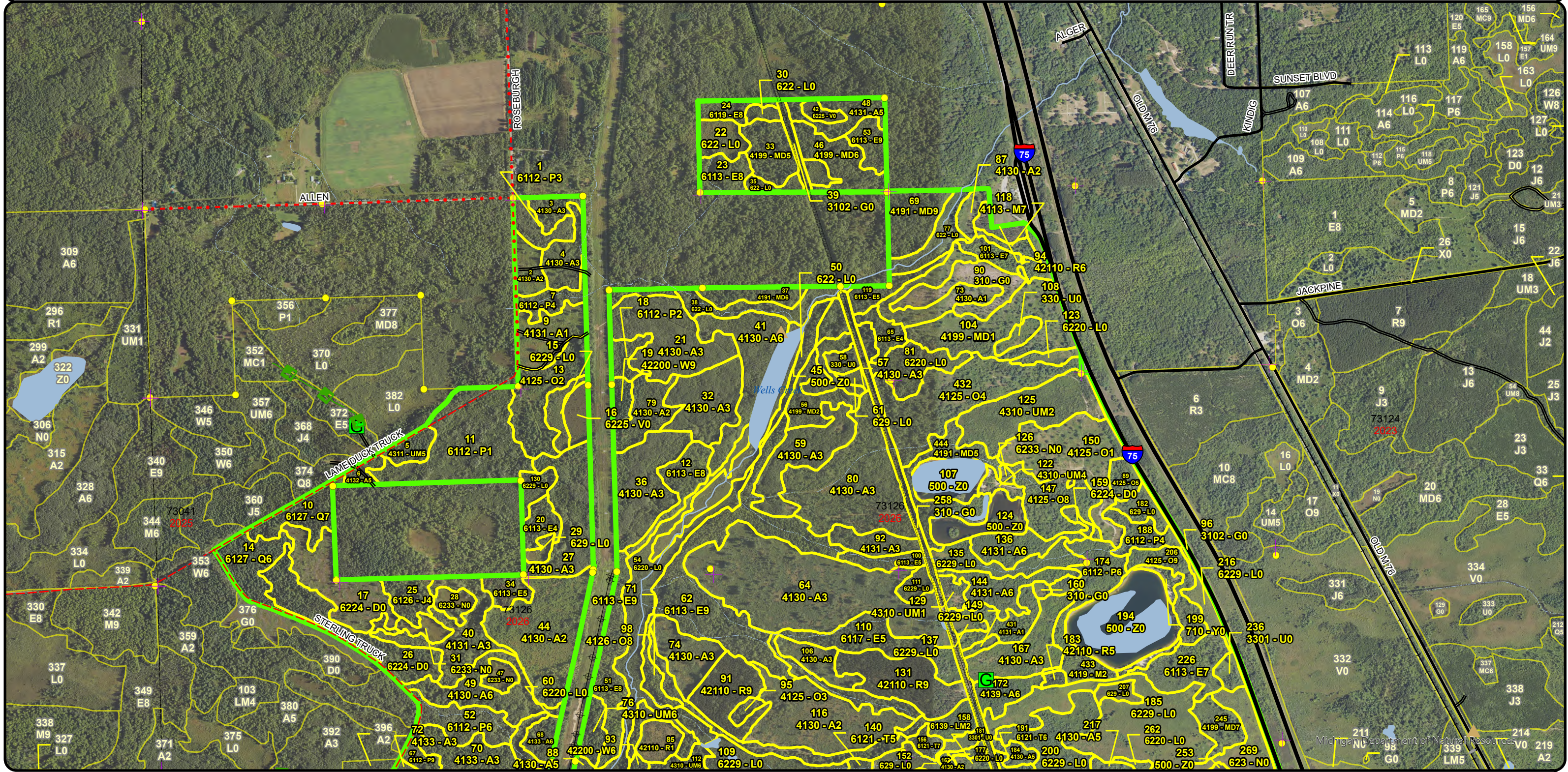
Compartment: 73126
T19N, R3E, Sec: 3-11, 14-16
County: Arenac
Unit: Gladwin
Mgmt Area: Gladwin Lake Plain
YOE: 2026
Acres: 7612.6 GIS Calculated
Examiner: Steve Nyhoff
Map Revised: 6/6/2024
Map Phase: Web Post



0 0.5 1 Miles

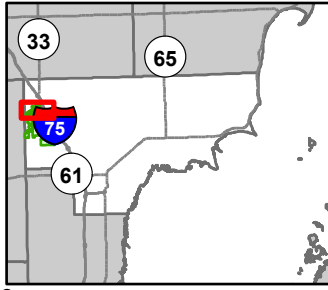
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types

- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil
- State Forests



**Special Conservation Areas
& Site Conditions Map**

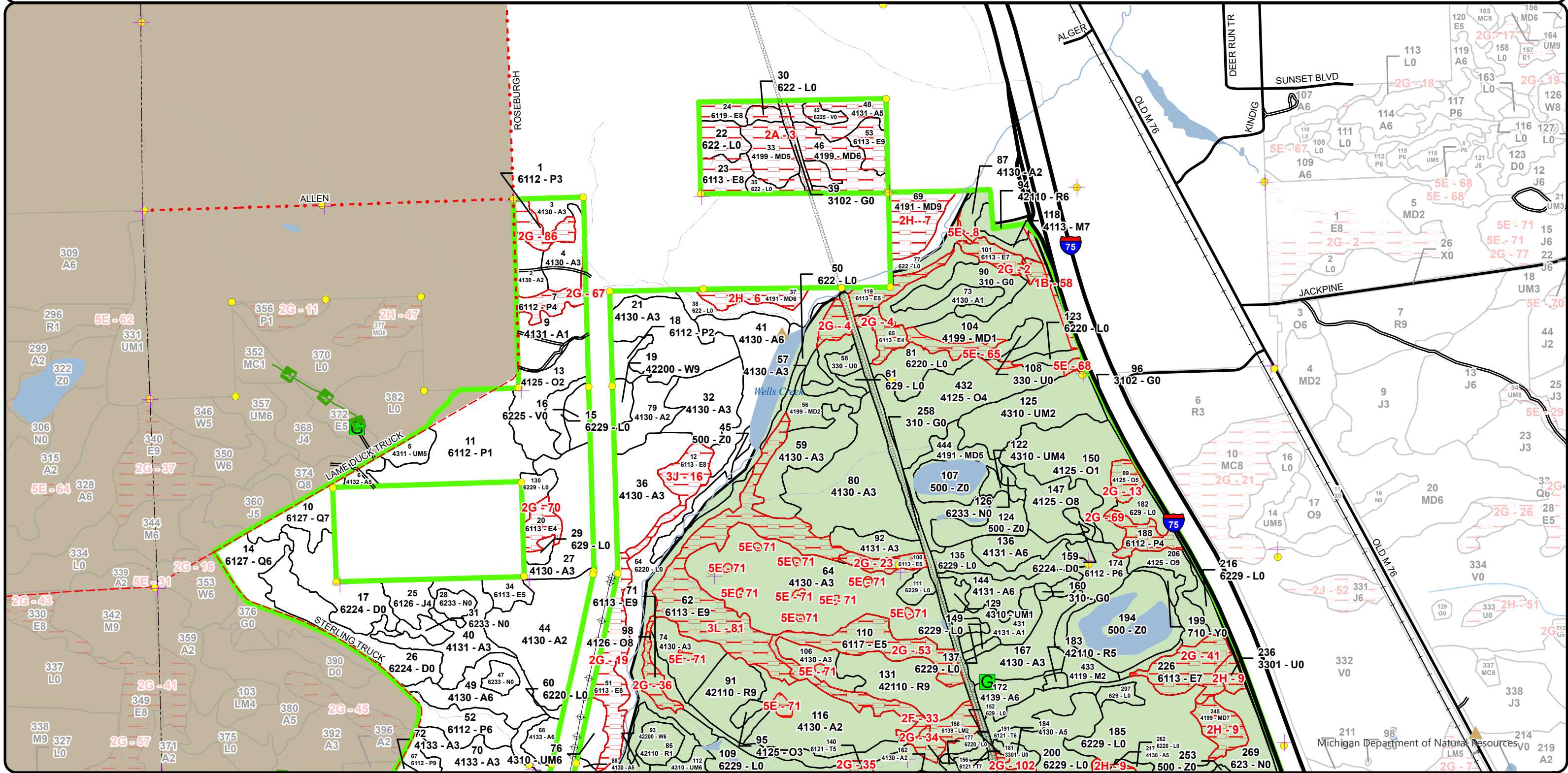
Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



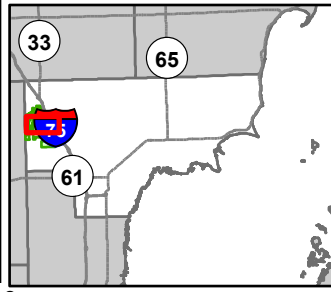
0 0.5 1 Miles

- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- SCA
- Unavailable
- 1B: Non-DNR agency concerns (e.g. USFS)

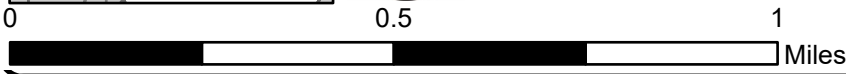
- 2A: Adjacent landowner denied access
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3J: Water quality / BMPs (stream, river, or lake)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Dedicated Management Areas
- Cold Water Streams
- Recreational/Scenic Value Area



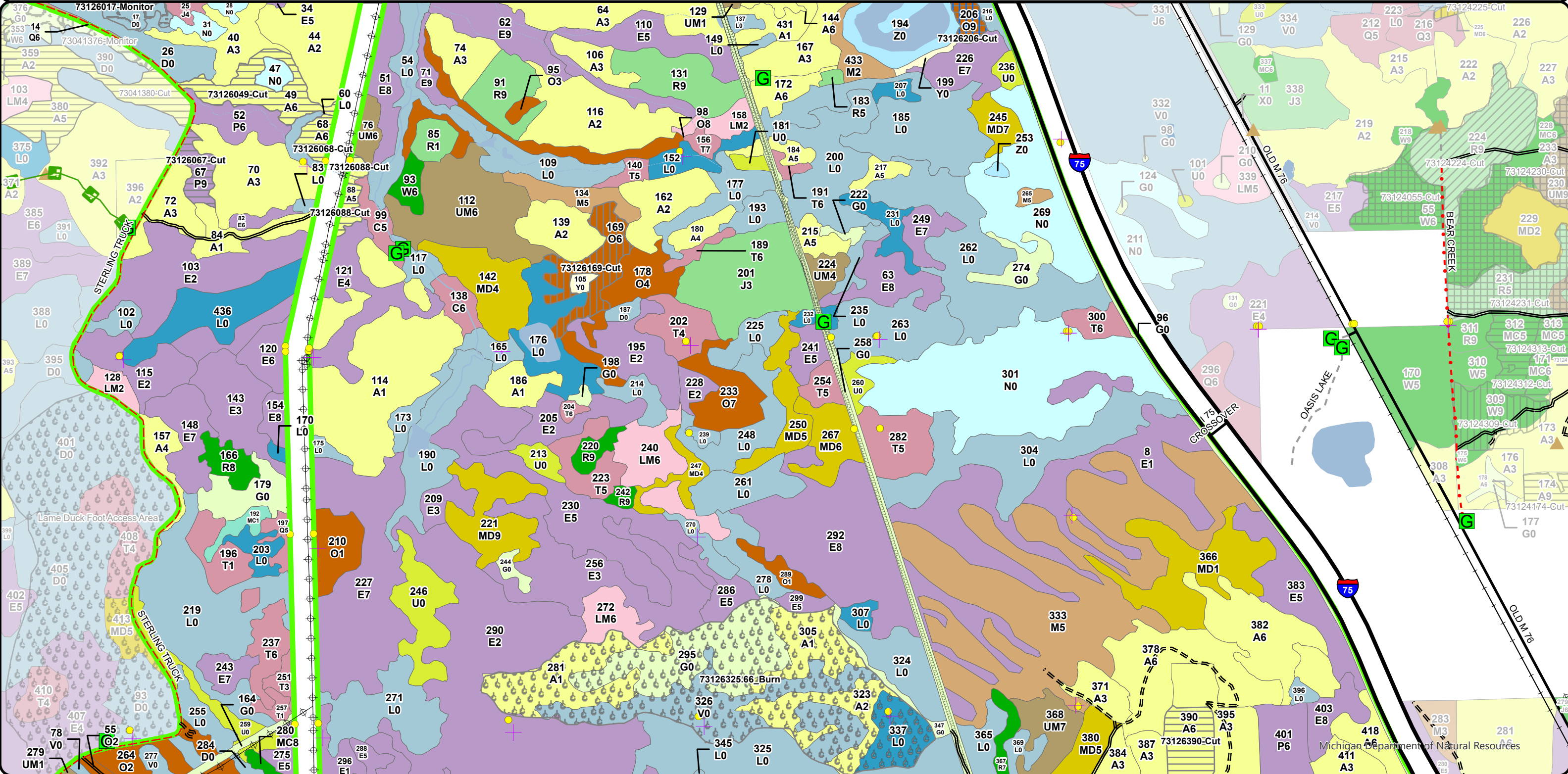
Cover Type & Treatments Map



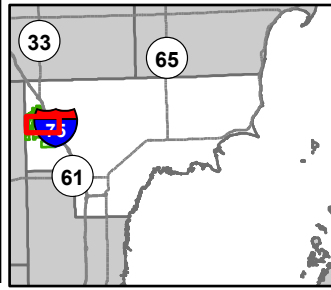
Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



- | | | | | |
|---------------------------------------|-------------------------------|---------------------------|---------------------------------|----------------------------------|
| Berms | County - Gravel Road | Pipeline | 412 - Oak Types | 310 - Herbaceous Openland |
| Gate | County - Dirt Road (Seasonal) | Powerline | 413 - Aspen Types | 330 - Low Density Trees |
| Survey Grade Corners | Private - Paved Road | Compartment Boundary | 419 - Mixed Upland Deciduous | 500 - Water |
| Remonumented Section Corners | Private - Dirt / Gravel Road | Counties | 421 - Planted Pines | 622 - Lowland Shrub |
| Designated Hunter Walking Trails | Active Railroads | Clearcut (w/Reserves) | 422 - Natural Pines | 623 - Emergent Wetland |
| DNR - Secondary Forest Road | Intermittent Stream | Prescribed Burn | 429 - Mixed Upland Conifers | 629 - Mixed Non-forested Wetland |
| DNR - Forest Access Route | Lake/Pond | Seed Tree (w/Reserves) | 430 - Upland Mixed Forest | 710 - Sand/Soil |
| Federal / State Highway | Perennial River | Regeneration Survey | 611 - Lowland Deciduous Forest | |
| Federal / State / County - Paved Road | Swamp | Shelter Wood (w/Reserves) | 612 - Lowland Coniferous Forest | |
| | Lakes and Rivers | 411 - Northern Hardwood | 613 - Lowland Mixed Forest | |



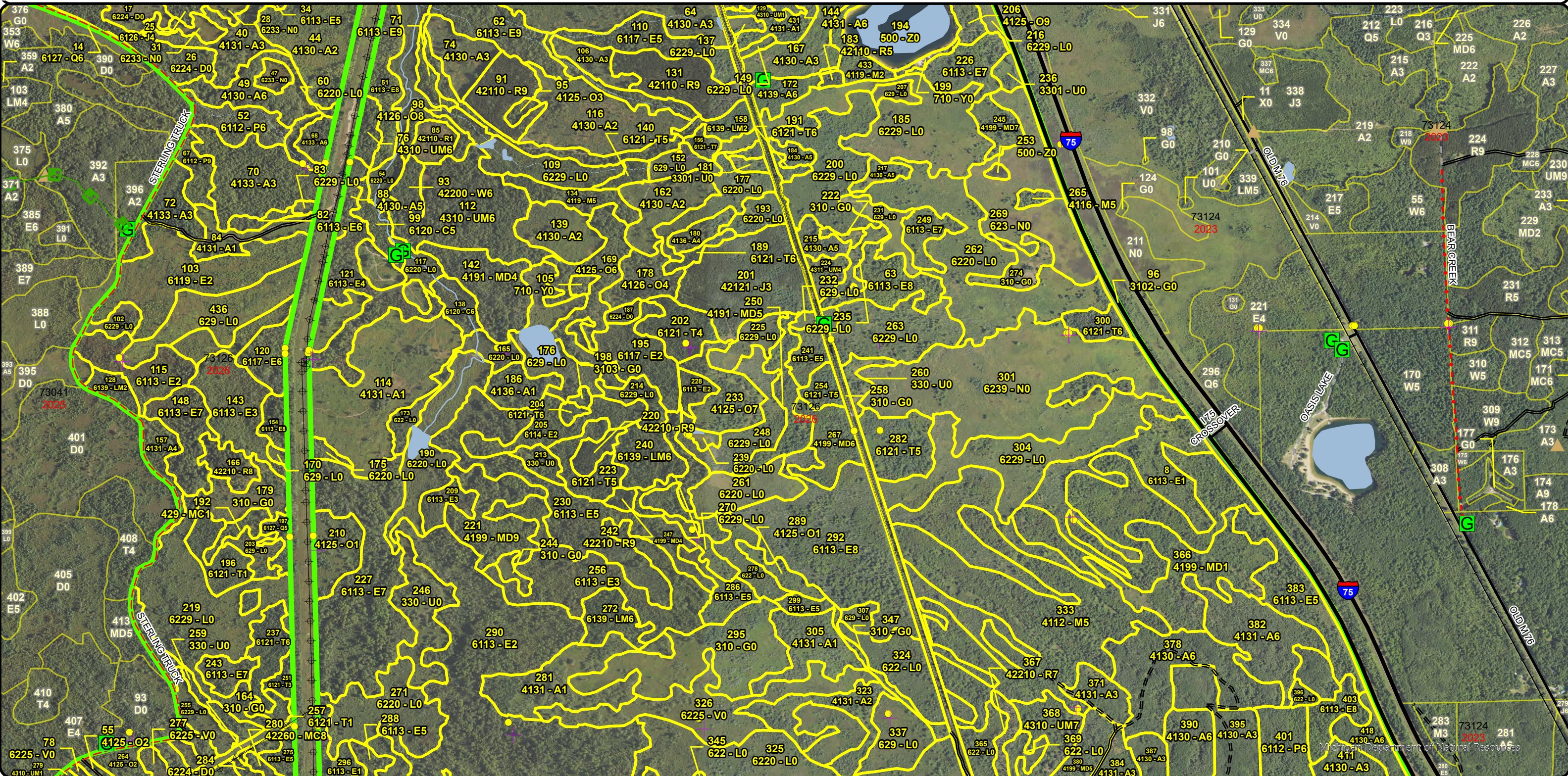
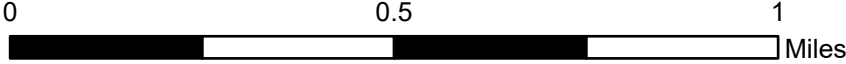
Stand Boundary Map



Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

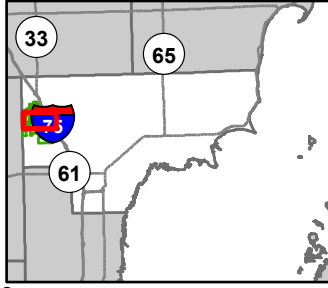
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Swamp
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types

- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil
- State Forests



Special Conservation Areas & Site Conditions Map

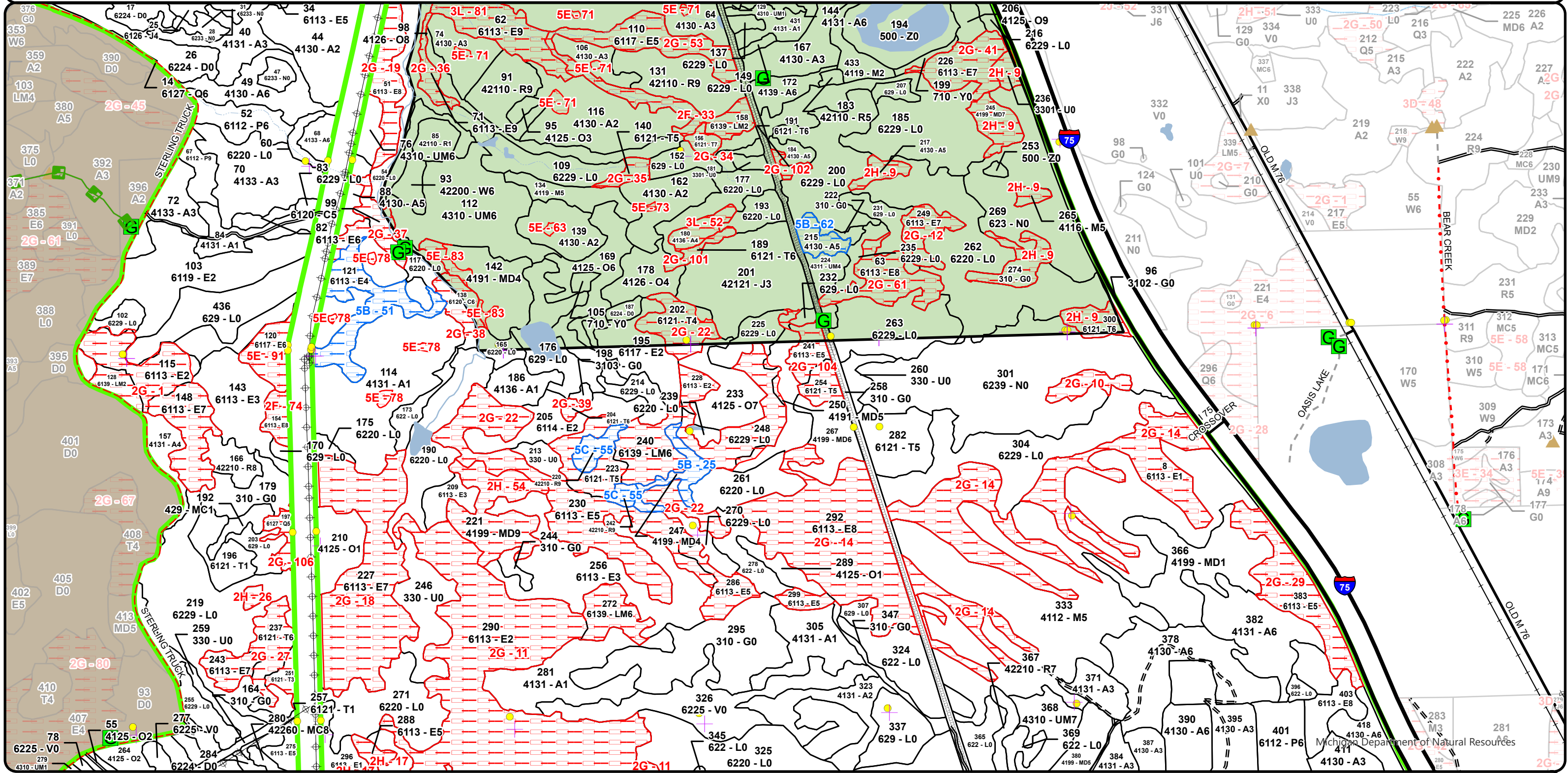
Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



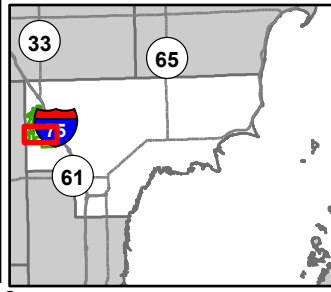
0 0.5 1 Miles

- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Private - Paved Road
- Private - Dirt / Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Swamp
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- SCA
- Available w/ Constraints

- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 3L: Other wildlife concerns
- 5E: Long-Term Retention
- Stand Boundaries
- Dedicated Management Areas
- Cold Water Streams
- Recreational/Scenic Value Area

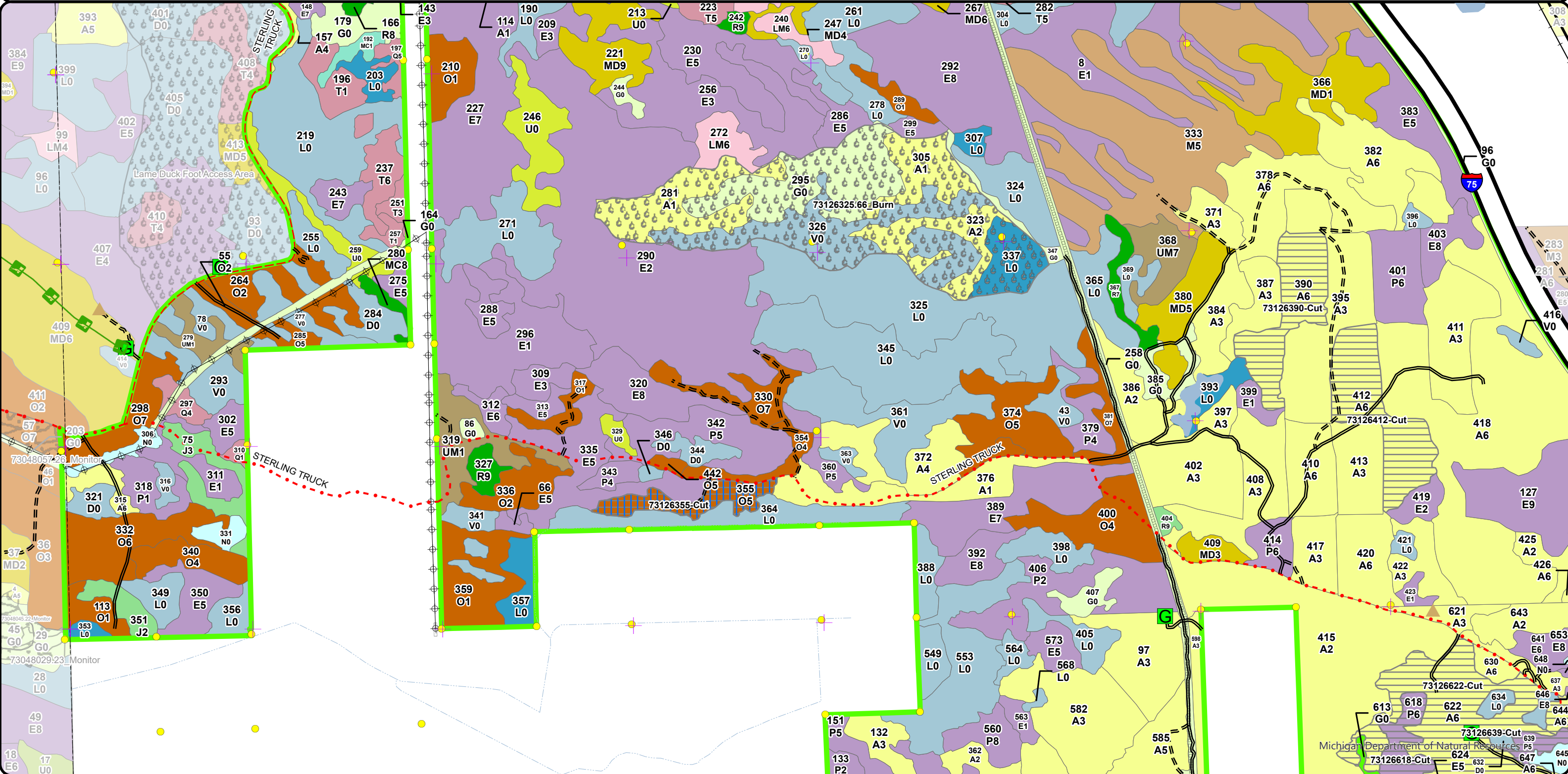
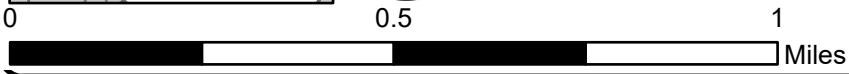


Cover Type & Treatments Map

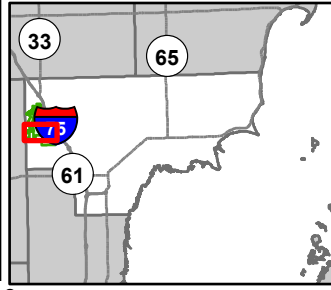


Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

- | | | | | |
|----------------------------------|---------------------------------------|-------------------------|--------------------------------|----------------------------------|
| Berms | Federal / State / County - Paved Road | Powerline | 413 - Aspen Types | 613 - Lowland Mixed Forest |
| Gate | County - Gravel Road | Compartment Boundary | 419 - Mixed Upland Deciduous | 211 - Cropland |
| Survey Grade Corners | County - Dirt Road (Seasonal) | Counties | 421 - Planted Pines | 310 - Herbaceous Openland |
| Remonumented Section Corners | Active Railroads | Clearcut (w/Reserves) | 422 - Natural Pines | 330 - Low Density Trees |
| Designated Hunter Walking Trails | Intermittent Stream | Prescribed Burn | 429 - Mixed Upland Conifers | 622 - Lowland Shrub |
| DNR - Secondary Forest Road | Lake/Pond | Seed Tree (w/Reserves) | 430 - Upland Mixed Forest | 623 - Emergent Wetland |
| DNR - Forest Access Route | Lakes and Rivers | 411 - Northern Hardwood | 611 - Lowland Deciduous Forest | 629 - Mixed Non-forested Wetland |
| Federal / State Highway | Pipeline | 412 - Oak Types | | |



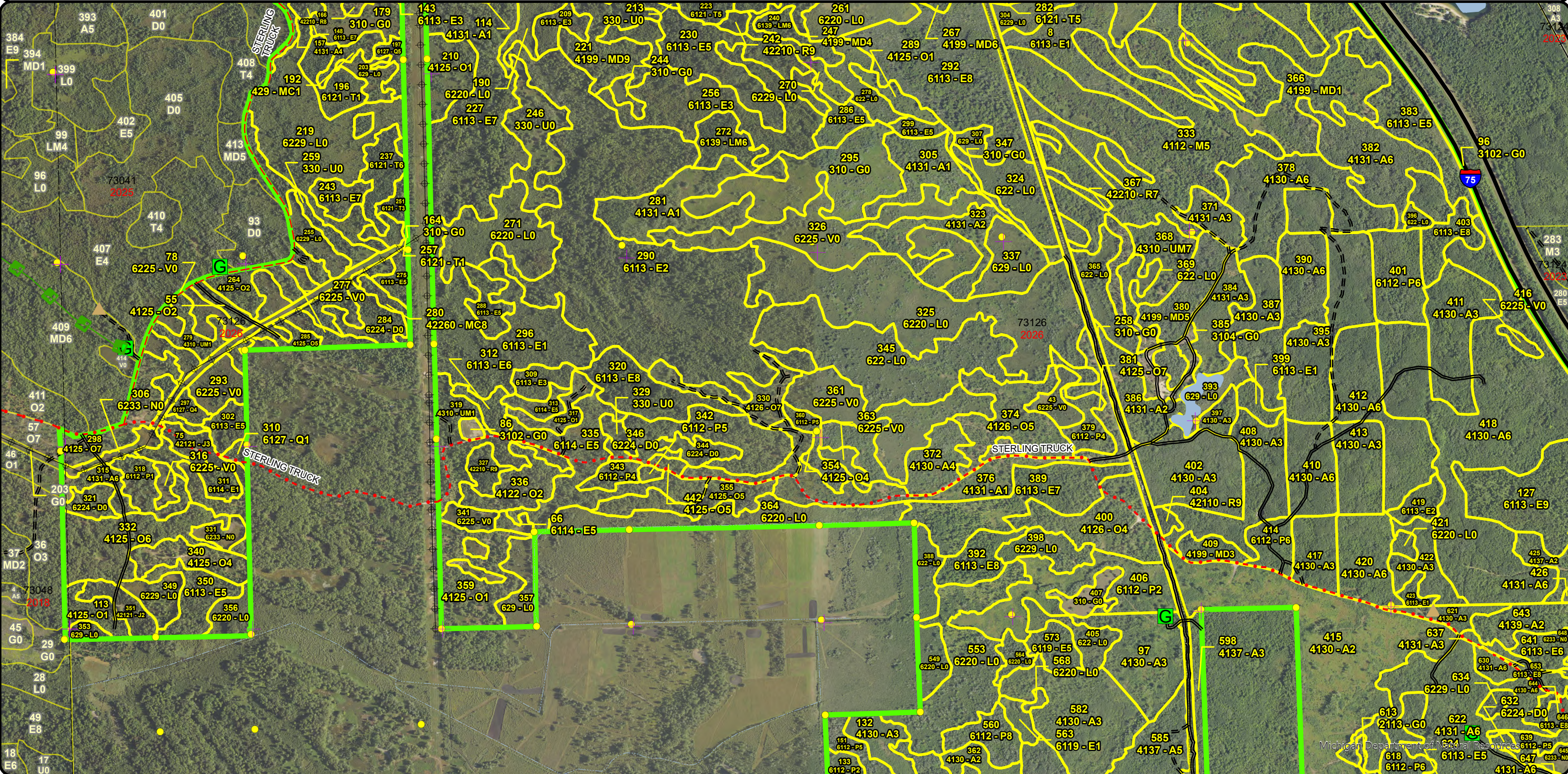
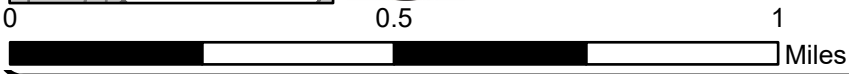
Stand Boundary Map



Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 AOE: 2026
 YOE: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

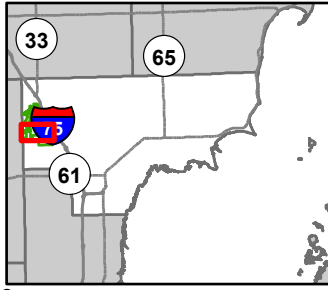
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- County - Dirt Road (Seasonal)
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Stand Boundaries
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types

- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 211 - Cropland
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- State Forests



Special Conservation Areas & Site Conditions Map

Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

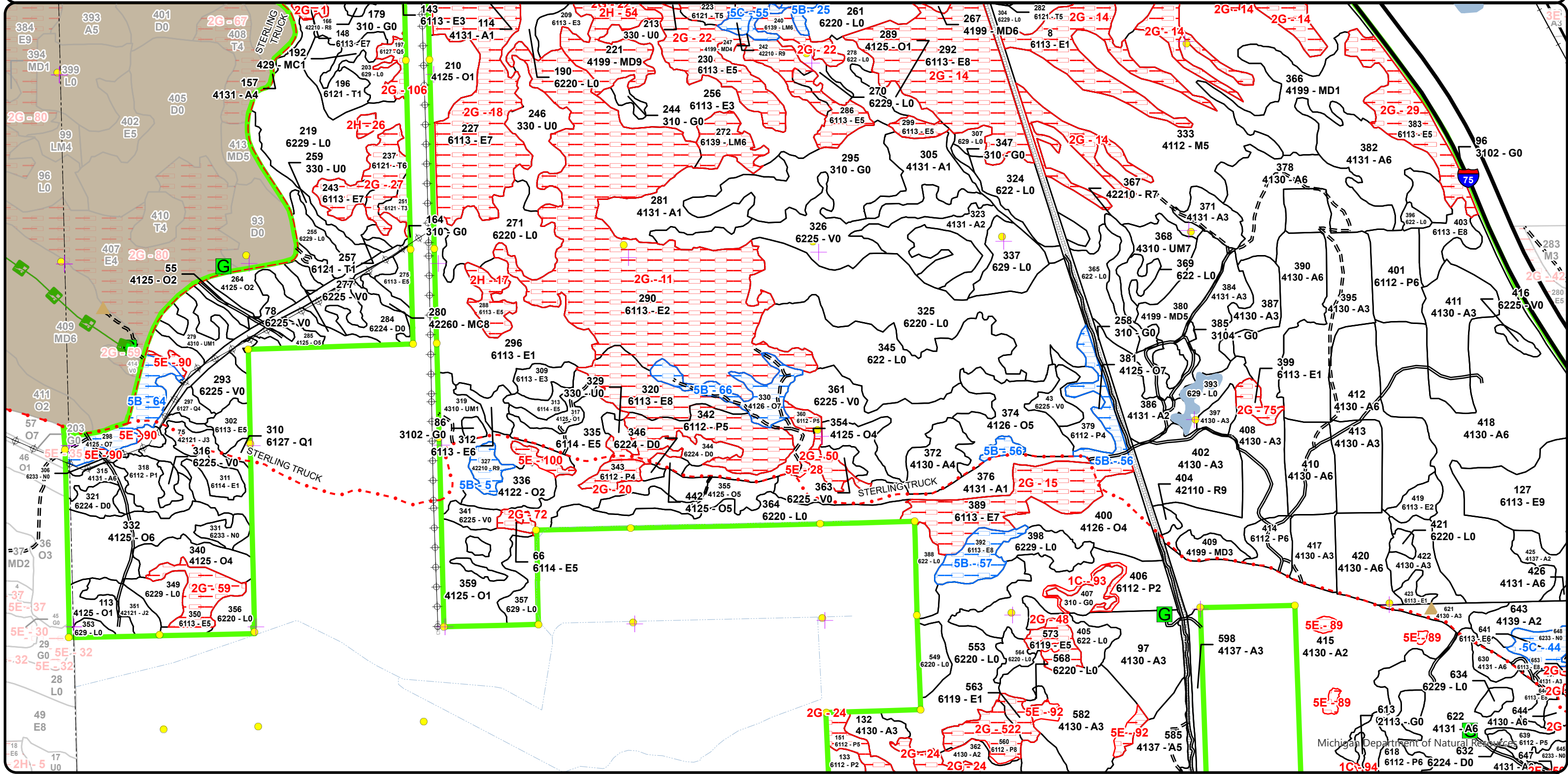


0 0.5 1 Miles

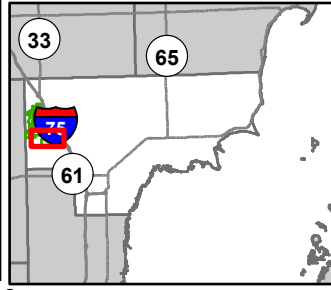
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- Designated Hunter Walking Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road

- County - Dirt Road (Seasonal)
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Available w/ Constraints

- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries
- Dedicated Management Areas

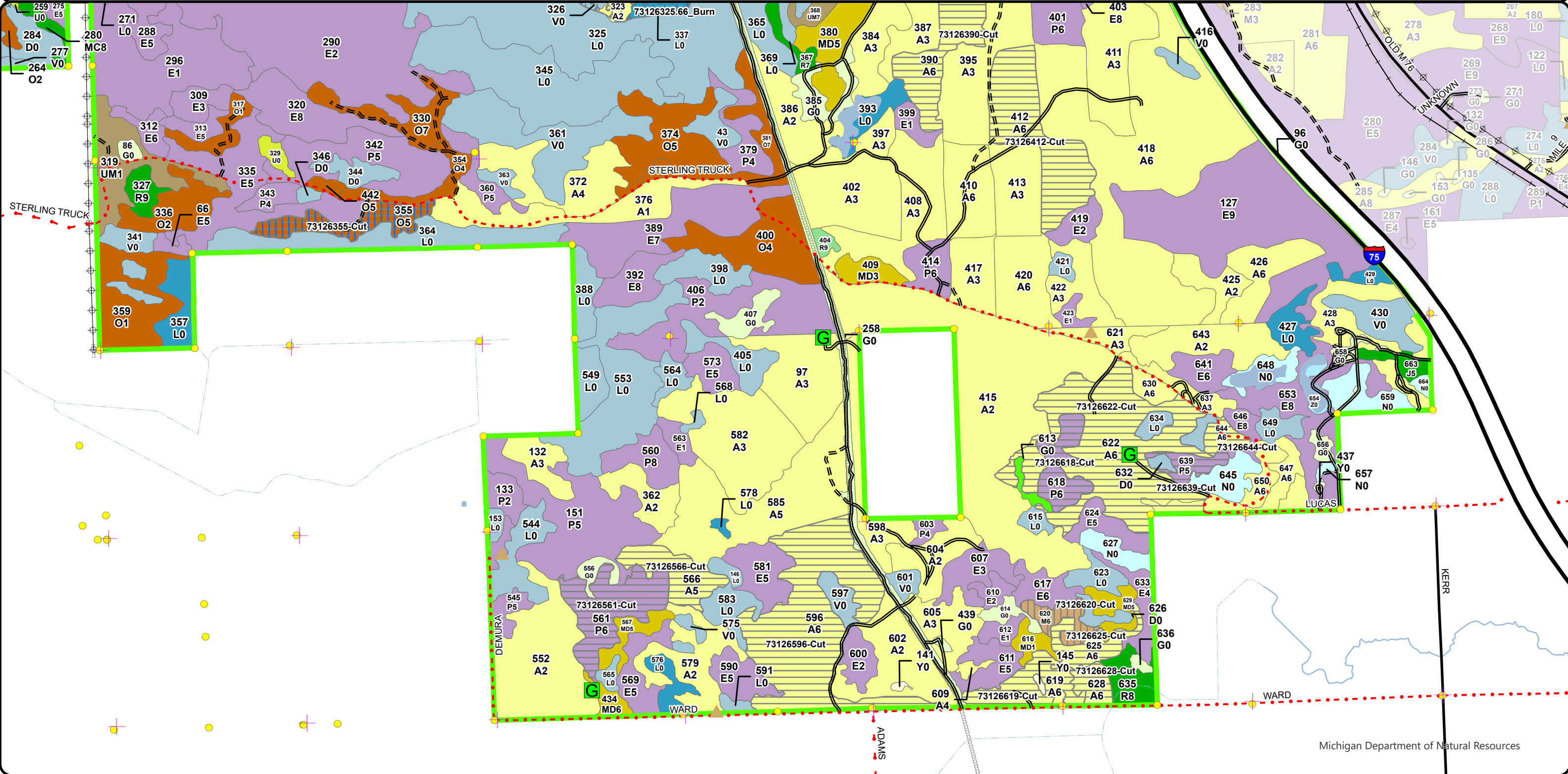
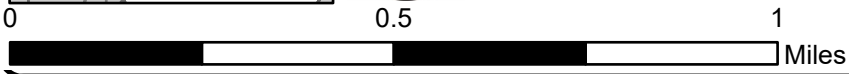


Cover Type & Treatments Map

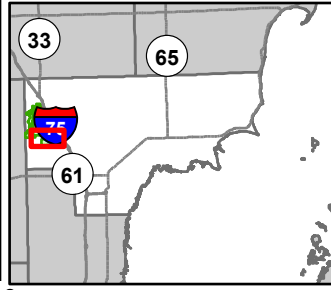


Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post

- | | | | | |
|--------------------------------|---|-----------------------------|----------------------------------|------------------------------------|
| ▲ Berms | — Federal / State / County - Paved Road | ⊕ Powerline | ■ 412 - Oak Types | ■ 310 - Herbaceous Openland |
| ■ Gate | - - - County - Gravel Road | ▭ Compartment Boundary | ■ 413 - Aspen Types | ■ 330 - Low Density Trees |
| ● Survey Grade Corners | — Active Railroads | - - - Counties | ■ 419 - Mixed Upland Deciduous | ■ 500 - Water |
| ✚ Remonumented Section Corners | - - - Intermittent Stream | ▭ Clearcut (w/Reserves) | ■ 421 - Planted Pines | ■ 622 - Lowland Shrub |
| — DNR - Secondary Forest Road | — Lake/Pond | ▭ Prescribed Burn | ■ 422 - Natural Pines | ■ 623 - Emergent Wetland |
| == DNR - Forest Access Route | — Perennial River | ▭ Seed Tree (w/Reserves) | ■ 430 - Upland Mixed Forest | ■ 629 - Mixed Non-forested Wetland |
| — Federal / State Highway | ■ Lakes and Rivers | ▭ Shelter Wood (w/Reserves) | ■ 611 - Lowland Deciduous Forest | ■ 710 - Sand/Soil |
| | — Pipeline | ■ 411 - Northern Hardwood | ■ 211 - Cropland | |



Stand Boundary Map

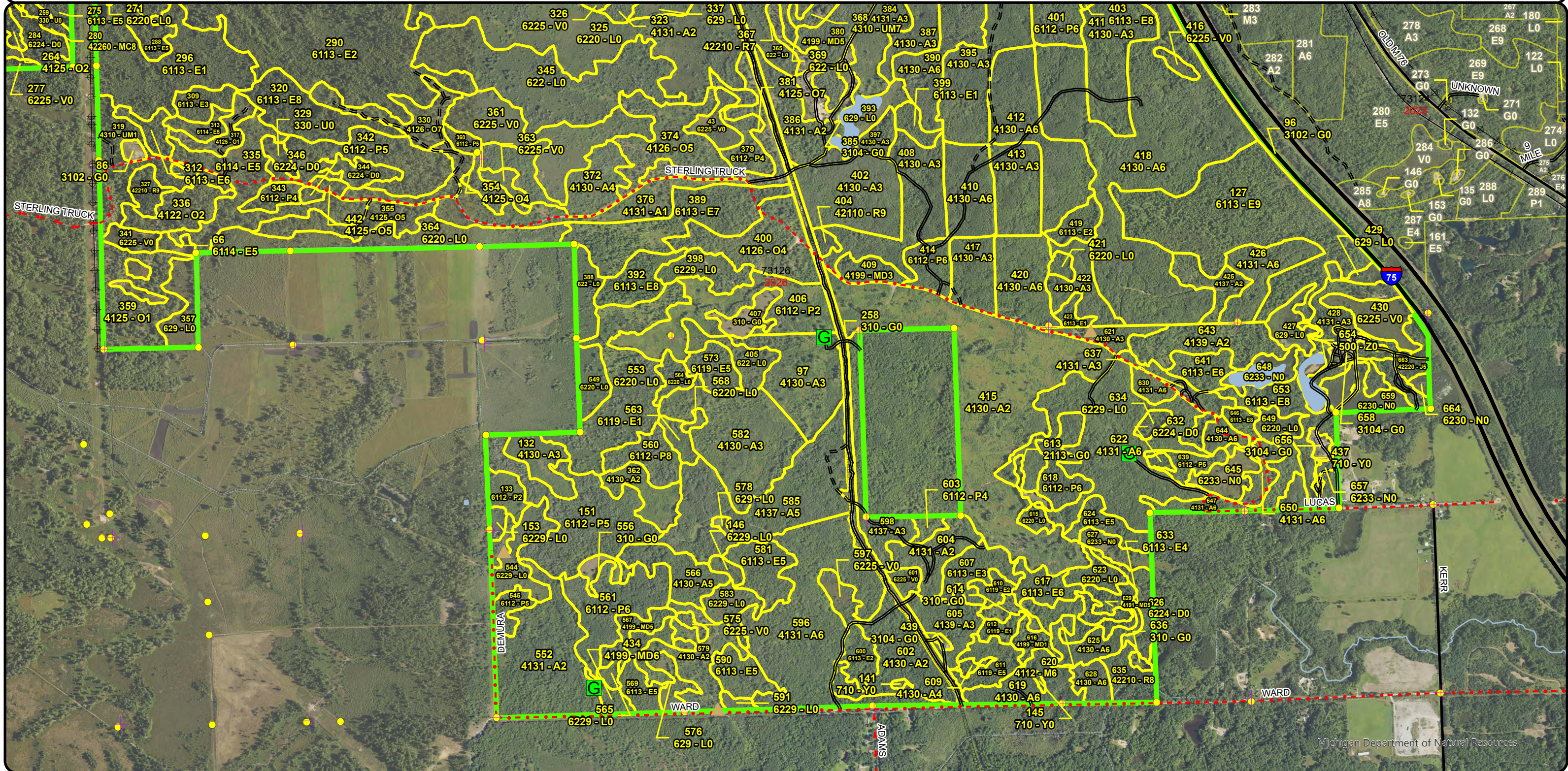


Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



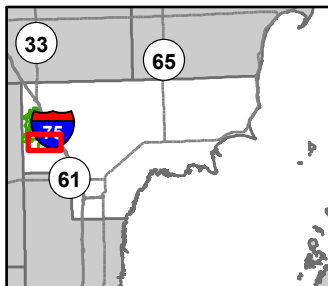
- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties

- Stand Boundaries
- 211 - Cropland
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed Non-forested Wetland
- 710 - Sand/Soil
- State Forests



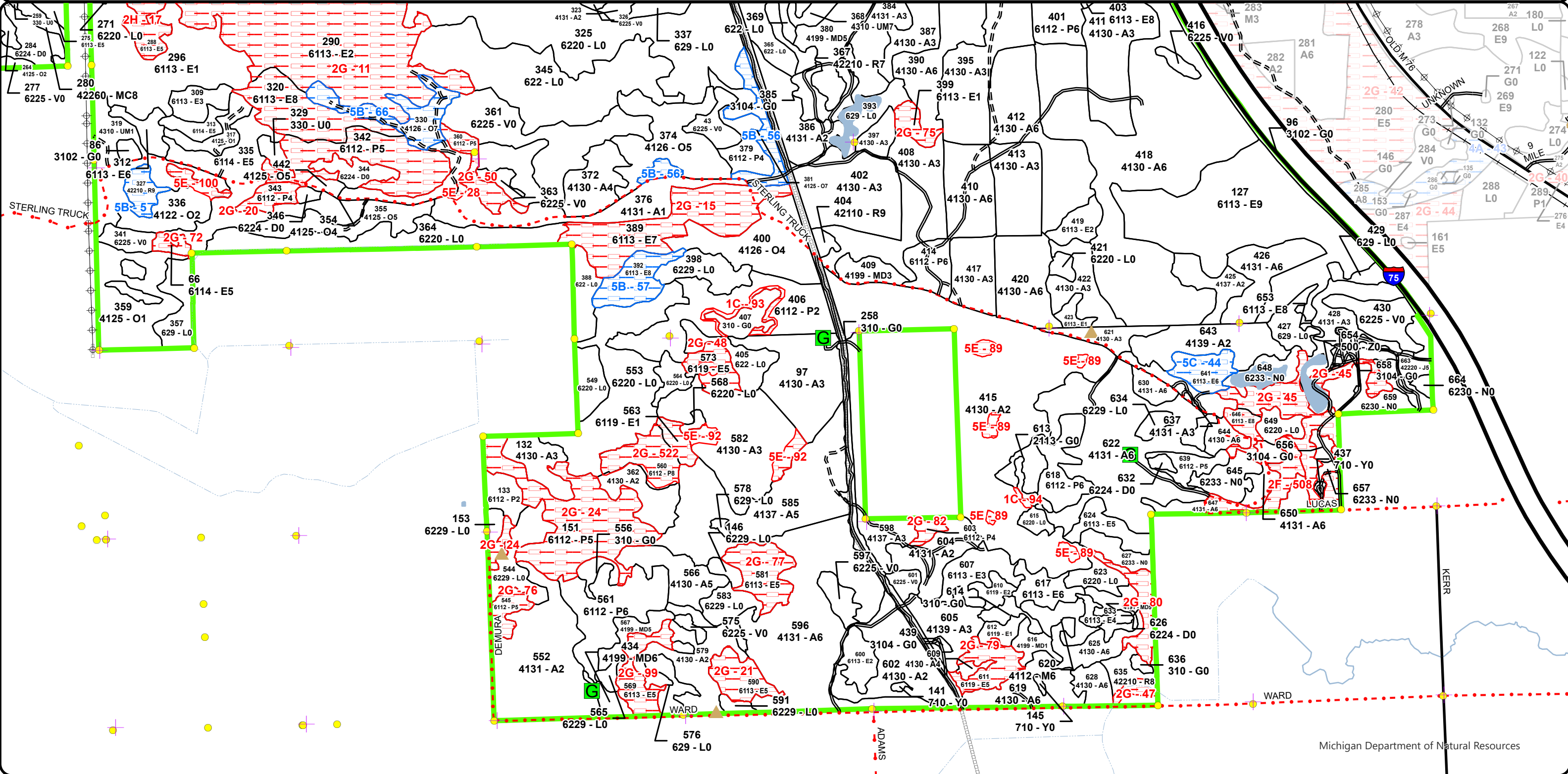
Special Conservation Areas & Site Conditions Map

Compartment: 73126
 T19N, R3E, Sec: 3-11, 14-16
 County: Arenac
 Unit: Gladwin
 Mgmt Area: Gladwin Lake Plain
 YOE: 2026
 Acres: 7612.6 GIS Calculated
 Examiner: Steve Nyhoff
 Map Revised: 6/6/2024
 Map Phase: Web Post



- Berms
- Gate
- Survey Grade Corners
- Remonumented Section Corners
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Active Railroads
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Pipeline
- Powerline
- Compartment Boundary
- Counties
- Available w/ Constraints

- Unavailable
- 5B: Maintain for regeneration purposes
- 5C: Delay treatment for age/size class diversity or exceptional site quality
- 1C: Other dept or div proc/practices
- 2F: Too steep
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- 5E: Long-Term Retention
- Stand Boundaries



Report 1 – Total Acres by Cover Type and Age Class



Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	514	341	473	486	167	212	10	6	12	0	0	0	0	0	0	0	0	2221
Bog	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	177
Cedar	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15
Cropland	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Herbaceous Openland	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	227
Jack Pine	0	0	0	68	0	5	8	0	0	0	0	0	0	0	0	0	0	0	81
Low-Density Trees	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
Lowland Aspen/Balsam Poplar	0	37	6	12	83	58	88	13	0	6	0	0	0	0	0	0	0	47	350
Lowland Conifers	0	0	2	0	5	0	0	5	28	0	0	0	0	0	0	0	0	0	40
Lowland Deciduous	0	0	181	254	241	25	147	50	35	74	168	133	0	0	5	0	0	190	1501
Lowland Mixed Forest	0	0	0	6	30	0	0	12	0	0	0	0	0	0	0	0	0	0	48
Lowland Shrub	1167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1167
Marsh	203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203
Mixed Upland Deciduous	0	36	8	58	0	38	73	26	0	25	9	26	0	0	0	0	0	0	298
Natural Mixed Pines	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
Northern Hardwood	0	0	9	0	0	0	18	2	3	0	0	0	0	0	0	0	0	171	203
Oak	0	44	56	59	28	91	106	18	34	21	32	0	0	0	0	0	0	0	488
Red Pine	0	0	7	0	2	0	18	52	2	13	0	0	0	0	0	0	0	0	94
Sand, Soil	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Tamarack	0	0	16	0	23	2	40	0	4	0	3	0	0	0	0	0	0	19	106
Treed Bog	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
Upland Conifers	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Upland Mixed Forest	0	0	61	9	12	16	46	0	0	0	0	0	0	0	0	0	0	3	147
Water	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81
White Pine	0	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	0	0	10
Total	2010	631	692	939	910	402	762	192	116	151	212	159	0	0	20	0	0	430	7621



Report 2 – Treatment Summary

Gladwin Mgt. Unit

Year of Entry: 2026

Acres of Harvest

Compartment 126

Total Compartment Acres: 7,613

Commercial Harvest - 437
 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	Overstory Removal	Salvage	Other	Total Acres
Aspen	297	0	0	0	0	0	0	0	0	297
Lowland Aspen/Balsam Poplar	53	0	0	0	0	0	0	0	0	53
Mixed Upland Deciduous	0	17	0	0	0	0	0	0	0	17
Northern Hardwood	0	0	0	0	7	0	0	0	0	7
Oak	0	0	0	44	20	0	0	0	0	64
Total	349	17	0	44	27	0	0	0	0	437

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	437	0	0	0	183	0	23	0	0	644
Next Step	0	0	0	0	0	0	620	0	0	620
Total	437	0	0	0	183	0	644	0	0	1264



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
-----------------------	----------------	-------	-----------------	--------------	-----------	----------	----------------	------------------	----------------------	---------------	-------------

Proposed Treatments:

17	73126017-Monitor	23.2	6224 - Treed Bog	Nonstocked	0	Unspecified	Monitoring	Natural Regen (Intermediate)	612 - Lowland Coniferous Forest	Even-Aged	No
----	------------------	------	------------------	------------	---	-------------	------------	------------------------------	---------------------------------	-----------	----

Prescription monitor the natural regeneration.

Specs:

Next Step

Treatments:

Acceptable medium or better stocking of jack pine, conifers, and hardwoods.

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2028

49	73126049-Cut	19.0	4130 - Aspen	Poetimber Well	48	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
----	--------------	------	--------------	----------------	----	--------	---------	-------------------------	-------------	-----------	----

Prescription Harvest as a clearcut with retention. The retention should be in pockets. In addition, mark some of the oaks for seed and structural diversity.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable medium to better stocking of aspen and other species.

Regen:

Other

Include the Gladwin Grouse Spec in sale.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

67	73126067-Cut	7.6	6112 - Lowland Aspen	Sawtimber Well	69	81-110	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
----	--------------	-----	----------------------	----------------	----	--------	---------	----------	----------------------	-----------	----

Prescription Harvest as a clearcut. The harvest will need to be done during dry or frozen conditions.

Specs:

Next Step

Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable medium or better stocking of aspen mixed with maple and oak

Regen:

Other

There may be areas that need to be painted out because of wetness. This should be done during sale prep.

Comment:

Site Condition

Proposed Start Date: 10/1 /2025



S
t
a
n
d

Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
68	73126068-Cut	5.3	4133 - Aspen, Mixed Pine	Poletimber Well	48	51-80	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen mixed with other species. <u>Regen:</u> <u>Other</u> Include the Gladwin Grouse Spec in sale. <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
88	73126088-Cut	5.2	4130 - Aspen	Poletimber Medium	55	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut. There is a cedar drain that needs to be painted out. Also mark some oaks to be retained. The oaks should be marked around the hunting camp. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of aspen mixed with maple and oak. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
147	73126147-Cut	17.4	4125 - Black, N. Pin Oak	Sawtimber Medium	78	51-80	Harvest	Seed Tree with Retention	4319 - Mixed Upland Forest	Two-Aged	No
<p><u>Prescription</u> Harvest all aspen and maple to 2" DBH, retain the oaks and pines 4" DBH or less. Mark overstory to retain approximately 20 BA. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> Medium or better stocking of oak, pine, and aspen. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											
169	73126169-Cut	19.6	4125 - Black, N. Pin Oak	Poletimber Well	55	51-80	Harvest	Shelterwood	412 - Oak Types	Uneven-Aged	No
<p><u>Prescription</u> Harvest as a shelterwood retaining 60 BA. The trees to be retained should focus on oaks and pines. The aspen should be harvested down to 2" DBH. In the marking make some canopy gaps. <u>Specs:</u> <u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u> <u>Acceptable</u> medium or better stocking of mixed upland species. <u>Regen:</u> <u>Other</u> <u>Comment:</u> <u>Site Condition</u> <u>Proposed Start Date:</u> 10/1 /2025</p>											



S
t
a
n
d

Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
206	73126206-Cut	11.6	4125 - Black, N. Pin Oak	Sawtimber Well	78	81-110	Harvest	Seed Tree	4199 - Other Mixed Upland Deciduous	Two-Aged	No
<p><u>Prescription Specs:</u> Harvest as a seed tree retaining 20 BA. In addition, retain all oaks less than 4" DBH. When marking, favor the retention of white oaks and cavity trees.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> medium or better stocking of upland hardwood mixed with some conifer.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
355	73126355-Cut	15.1	4125 - Black, N. Pin Oak	Poletimber Medium	47	1-50	Harvest	Seed Tree	4121 - Oak, Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest as a seed tree retaining 20 BA of oak. When marking favor, the retention of white oak. Also retain oaks less than 4" DBH.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> medium or better stocking of oak mixed with maple and/or aspen</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
390	73126390-Cut	31.4	4130 - Aspen	Poletimber Well	40	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> Harvest as a clearcut with retention. The retention should be in pockets and not exceed 5% by area.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen.</p> <p><u>Other Comment:</u> Include the Gladwin Grouse spec.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
412	73126412-Cut	37.5	4130 - Aspen	Poletimber Well	40	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription Specs:</u> harvest as a clearcut with retention. the retention should be in pocket and not exceed 5%.</p> <p><u>Next Step Treatments:</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



S
t
a
n
d

Treatment ID	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
444	73126444-Cut	17.0	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	51	51-80	Harvest	Group Selection	4199 - Other Mixed Upland Deciduous	Uneven-Aged	No
<p><u>Prescription</u> Harvest by group selection by removing the aspen, maple, and jack pine. Other trees should be marked to facilitate logging as needed.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Medium stocking of upland species.</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
561	73126561-Cut	26.1	6112 - Lowland Aspen	Poletimber Well	59	Unspecified	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets. There are areas that are too wet to harvest and should be painted out. The harvest acres will be significantly less than the inventory acres.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> medium or better stocking of aspen and maple</p> <p><u>Regen:</u></p> <p><u>Other</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
566	73126566-Cut	14.2	4130 - Aspen	Poletimber Medium	59	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets and placed to protect wetter ground. Because of the extensive wet pockets, the harvest acres may be significantly less than the inventory acres.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> medium or better stocking of aspen, maple and oak.</p> <p><u>Regen:</u></p> <p><u>Other</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											
596	73126596-Cut	71.9	4131 - Aspen, Oak	Poletimber Well	59	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets. When marking protect some of the lower wetter ground.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> medium or better stocking of aspen mixed with maple and oak.</p> <p><u>Regen:</u></p> <p><u>Other</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>											



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
618 73126618-Cut	13.0	6112 - Lowland Aspen	Poletimber Well	52	111-140	Harvest	Clearcut with Retention	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets and place to protect the wetter ground. In addition, mark some of the oaks to be retained.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen, maple, and oak</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
619 73126619-Cut	15.4	4130 - Aspen	Poletimber Well	52	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets protecting low wet ground. Mark some of the oaks to be retained.</p> <p><u>Specs:</u> The retention should not be marked next to the road.</p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen mixed with maple, oak and conifer.</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
620 73126620-Cut	7.3	4112 - Maple, Beech, Cherry Association	Poletimber Well	52	51-80	Harvest	Shelterwood with Retention	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No
<p><u>Prescription</u> Harvest as a shelter wood retaining around 50 BA of mixed species. Avoid marking trees to be removed in the wettest areas. This may result in variable stem density which is acceptable.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> medium or better stocking of mixed hardwood and conifers.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
622 73126622-Cut	75.2	4131 - Aspen, Oak	Poletimber Well	52	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets and protect the wet ground. Also mark some of the oaks to be retained. There may be areas that are too wet and need to be painted out of the harvest. The harvest acres may be significantly less than the inventory acres.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory)</p> <p><u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen mixed with maple, oak and conifer.</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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
625 73126625-Cut	10.7	4130 - Aspen	Poletimber Well	52	81-110	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut with retention. The retention should be in pockets or groups. In addition, mark some of the conifers and oaks to be retained. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen mixed with maple, oak, and conifers.</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
628 73126628-Cut	6.1	4130 - Aspen	Poletimber Well	52	111-140	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut. Mark some trees for structural diversity. The retained trees should not be marked next to the road. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen mixed of maple, oak, and conifer.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
639 73126639-Cut	5.9	6112 - Lowland Aspen	Poletimber Medium	48	51-80	Harvest	Clearcut	6112 - Lowland Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest the stand as a clearcut. Areas may need to be painted out because of wetness. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen, maple and oak.</p> <p><u>Other Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										
644 73126644-Cut	4.6	4130 - Aspen	Poletimber Well	52	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No
<p><u>Prescription</u> Harvest as a clearcut. Mark some trees for structural diversity and wildlife considerations. <u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Re-Inventory) <u>Treatments:</u></p> <p><u>Acceptable Regen:</u> Medium or better stocking of aspen mixed with maple and oak.</p> <p><u>Other Comment:</u> Include the Gladwin Grouse Spec in sale.</p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2025</p>										



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
-----------------------	-------------------	-------	--------------------	-----------------	--------------	-------------	-------------------	---------------------	-------------------------	------------------	----------------

Approved Treatments:

326	73126325.66_ Burn	183.2	6225 - Bog	Nonstocked		Unspec ified	Burn	Lowland	622 - Lowland Shrub		No
<p><u>Prescription</u> The stand is part of a rotational burn that was last burned in 1999. It has been scheduled to be burned again.</p> <p><u>Specs:</u></p> <p><u>Next Step</u> Monitoring, Natural Regen (Intermediate)</p> <p><u>Treatments:</u></p> <p><u>Acceptable</u> Blueberry</p> <p><u>Regen:</u></p> <p><u>Other</u></p> <p><u>Comment:</u></p> <p><u>Site Condition</u></p> <p><u>Proposed Start Date:</u> 10/1 /2022</p>											

Total Treatment 643.5
Acreage Proposed:

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	Acres Available With Condition	Acres Not Available
2221	2167	6	48

Dominant Site Conditions

	Total Acres	Acres Available	Acres Available With Condition	Acres Not Available	Dominant Site Conditions										
					5B	5C	1B	1C	2A	2F	2G	2H	3J	3L	5E
2221	2167	6	48	Aspen	6	0		1	10	9	0	4	0	6	18
177	174	0	3	Bog					3		0				
15	0	0	15	Cedar							15				
2	2	0	0	Cropland											
227	214	0	13	Herbaceous Openland				0	3	0	0	9			
80	80	0	0	Jack Pine							0				
63	59	0	3	Low-Density Trees							0	3			
350	216	0	134	Lowland Aspen/Balsam Poplar				3			131				
40	35	0	5	Lowland Conifers							5				
1501	477	44	979	Lowland Deciduous	36	9	2		19	6	873	9	11	49	11
47	0	0	47	Lowland Mixed Forest						7	40				
1167	1131	0	36	Lowland Shrub				0	15	0	20	0	0		0
202	202	0	0	Marsh		0				0	0	0			
278	174	8	96	Mixed Upland Deciduous	8		2		27		3	55			9
4	4	0	0	Natural Mixed Pines											
203	201	0	2	Northern Hardwood			0				0	2			0
486	431	46	10	Oak	46						5				5
94	78	13	3	Red Pine	6	8	0			0	3				
8	8	0	0	Sand, Soil							0				
105	35	0	70	Tamarack						0	61	9			
82	82	0	0	Treed Bog							0				
5	5	0	0	Upland Conifers											
146	146	0	0	Upland Mixed Forest											
81	81	0	0	Water							0				
10	10	0	0	White Pine											
7,593	6,013	118	1,463	Total Forested Acres	101	16	5	4	77	21	1,155	91	11	54	43
	79%	2%	19%	Relative Percent											

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

Site No.	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	42	Unspecified	Unspecified	Unspecified	Unspecified

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

Comments:							
2	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
3	Unavailable	2A: Adjacent landowner denied access	77	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
5	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	7	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

7	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	14	2A: Adjacent landowner denied access	Unspecified	Unspecified	Unspecified
Comments:							
8	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is the slope that transition from stand 87 to stand 77.							
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	35	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
10	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	249	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

13	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
14	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	165	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
15	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	37	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
16	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	11	2G: Too wet (sensitive soils, does not include access issues)	2F: Too steep	Unspecified	Unspecified
Comments:							
17	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

18	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	66	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
19	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
20	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
21	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
22	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	140	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

23	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
24	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	47	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
25	Available	5B: Maintain for regeneration purposes	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
26	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
27	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	23	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
28	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Long-term retention for stand 376.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

29	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
33	Unavailable	2F: Too steep	7	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
Comments:							
34	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
35	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
36	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
37	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

38	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
39	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
41	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
44	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
45	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	31	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

47	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
48	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
50	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
51	Available	5B: Maintain for regeneration purposes	24	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
52	Unavailable	3L: Other wildlife concerns	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: The stand has old declining aspen. The vigor is too low to expect regenerate. Also it has low volume. Many of the trees have cavities. It is better to retain for wildlife and let it seed in with conifers.							
53	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

54	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand is isolated by very wet ground.							
55	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
56	Available	5B: Maintain for regeneration purposes	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
57	Available	5B: Maintain for regeneration purposes	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
58	Unavailable	1B: Non-DNR agency concerns (e.g. USFS)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This is the MDOT road ROW for I-75							
59	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

61	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
62	Available	5B: Maintain for regeneration purposes	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
63	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
64	Available	5B: Maintain for regeneration purposes	17	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
65	Unavailable	5E: Long-Term Retention	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments: This area is fairly wet and is an area of surface drainage.							
66	Available	5B: Maintain for regeneration purposes	16	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

67	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
68	Unavailable	5E: Long-Term Retention	1	3D: Recreational / Scenic values	Unspecified	Unspecified	Unspecified
Comments:							
69	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	8	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
70	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
71	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
72	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

73	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
74	Unavailable	2F: Too steep	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
75	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
76	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
77	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	13	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
78	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

79	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	10	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
80	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
81	Unavailable	3L: Other wildlife concerns	49	2G: Too wet (sensitive soils, does not include access issues)	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified
Comments: The stand functions best for wildlife. Soil association have many inclusion that are not suited for forest management. The later successional stage of the stand is also desirable. Lastly the stand has drainage the flow into Wells Creek so to retain cover is desirable to minimize sedimentation into the creek.							
82	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
83	Unavailable	5E: Long-Term Retention	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
86	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

89	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 608.							
90	Unavailable	5E: Long-Term Retention	2	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
91	Unavailable	5E: Long-Term Retention	11	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							
92	Unavailable	5E: Long-Term Retention	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
93	Unavailable	1C: Other dept or div proc/practices	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wildlife opening buffer.							
94	Unavailable	1C: Other dept or div proc/practices	1	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Wildlife opening buffer.							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

99	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
100	Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Stand 335.							
101	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	3	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
102	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
104	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	14	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
106	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 4 – Site Conditions

Gladwin Mgt. Unit
Steve Nyhoff : Examiner

Compartment: 126
Year of Entry: 2026

508	Unavailable	2F: Too steep	9	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments: The slope is around 50% and drop sharply from one road to the other. Harvesting the stand would not only be difficult it is also dangerous because of the proximity to county roads.</p>							
522	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	16	Unspecified	Unspecified	Unspecified	Unspecified
<p>Comments:</p>							

Mgt. Unit

Compartment: #Type!

Year of Entry:



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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
----------	--------------	-------------	----------------	-------

Comments



Report 6 – EXISTING SPECIAL CONSERVATION AREA DETAILS

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

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

Conservation Area	Type	Description
HCVA	Dedicated Management Areas	Such areas are dedicated by the DNR Director for specific management uses through the promulgation of rules, as governed by Part 5, Department of Natural Resources, of the NREPA (MCL 324.502(2) and 324.504). Section 38 of the Administrative Procedures Act (MCL 24.238) provides for public requests for the promulgation of rules. This is an active program, with one proposed site currently under review by the DNR.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
1	6112 - Lowland Aspen	Sapling Well	7.2	25	Immature	N/A	The stand was harvested in 1999, in Wells Crossing, sale 73-006-98. There is a small creek running through it.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Sapling</td> <td>3</td> <td>25</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	80	Sapling	3	25	Black/Red (Hybrid) Oak	5	Pole/Sapling	5		Red Maple	5	Sapling	2		Bigtooth Aspen	10	Sapling	3																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Quaking Aspen	80	Sapling	3	25																																																																		
Black/Red (Hybrid) Oak	5	Pole/Sapling	5																																																																			
Red Maple	5	Sapling	2																																																																			
Bigtooth Aspen	10	Sapling	3																																																																			
2	4130 - Aspen	Sapling Medium	6.9	6	Immature	N/A	The terrain is hummocky. There is a drainage along the north edge. The stand was harvested in C126 Mix, in sale 73-008-16, in June of 2018. The stand was final harvested removing all maple and aspen.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Sapling	1		Quaking Aspen	60	Sapling	1	6	Bigtooth Aspen	15	Sapling	1	6	Black/Red (Hybrid) Oak	5	Sapling	1		Red Maple	5	Sapling	1		White Pine	10	Sapling	2																													
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Paper Birch	5	Sapling	1																																																																			
Quaking Aspen	60	Sapling	1	6																																																																		
Bigtooth Aspen	15	Sapling	1	6																																																																		
Black/Red (Hybrid) Oak	5	Sapling	1																																																																			
Red Maple	5	Sapling	1																																																																			
White Pine	10	Sapling	2																																																																			
3	4130 - Aspen	Sapling Well	5.3	14	Immature	N/A	The stand was harvested in 1999, in Wells Crossing, sale 73-006-98. The open areas have seeded in with white pine. There are a couple lowland shrub inclusions.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sap/Log</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Sapling	2	14	White Pine	15	Pole/Sap/Log	5		Black/Red (Hybrid) Oak	10	Log/Pole/Sap	10		Quaking Aspen	25	Sapling	3																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Bigtooth Aspen	50	Sapling	2	14																																																																		
White Pine	15	Pole/Sap/Log	5																																																																			
Black/Red (Hybrid) Oak	10	Log/Pole/Sap	10																																																																			
Quaking Aspen	25	Sapling	3																																																																			
4	4130 - Aspen	Sapling Well	9.7	14	Immature	N/A	The stand has 30% lowlands and was clearcut in 2010. The regeneration is patchy. The openings are filling in with maple, oak, and pine.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>3</td> <td>14</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	20	Sapling	3		White Pine	5	Pole/Sapling	6		Red Maple	10	Sapling	2		Quaking Aspen	65	Sapling	3	14																																						
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Bigtooth Aspen	20	Sapling	3																																																																			
White Pine	5	Pole/Sapling	6																																																																			
Red Maple	10	Sapling	2																																																																			
Quaking Aspen	65	Sapling	3	14																																																																		
5	4311 - Pine, Aspen Mix	Poletimber Medium	5.5	31	1-50	N/A	The stand was harvested in 1992 in sale Roseburgh High/Low Sale, 73-020-88. Nearly 30%of the trees are poles.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>26</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Pine</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td>31</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>12</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Red Maple</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Pine</td> <td>24</td> <td>Pole/Sapling</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	5	Sapling/Pole	4		White Pine	Medium	Variable	Sapling	Bigtooth Aspen	26	Pole/Sapling	5						Red Pine	30	Pole/Sapling	5	31					Black/Red (Hybrid) Oak	12	Pole/Sapling	5						Red Maple	3	Sapling	3						White Pine	24	Pole/Sapling	6					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Paper Birch	5	Sapling/Pole	4		White Pine	Medium	Variable	Sapling																																																														
Bigtooth Aspen	26	Pole/Sapling	5																																																																			
Red Pine	30	Pole/Sapling	5	31																																																																		
Black/Red (Hybrid) Oak	12	Pole/Sapling	5																																																																			
Red Maple	3	Sapling	3																																																																			
White Pine	24	Pole/Sapling	6																																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																			
6	4132 - Aspen, Jack Pine	Poletimber Medium	3.3	31	51-80	N/A	The stand was harvested in 1992, in sale Roseburgh High/Low Sale, 73-020-88. The stand is variable going from uplands to lowlands and from hardwoods to conifers. The center 1/3 is bare sand.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>25</td> <td>Pole/Sapling</td> <td>7</td> <td>31</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>7</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>7</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>57</td> <td>Pole/Sapling</td> <td>7</td> <td>31</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	25	Pole/Sapling	7	31	Black/Red (Hybrid) Oak	7	Pole/Sapling	5		Red Pine	7	Pole/Sapling	5		Bigtooth Aspen	57	Pole/Sapling	7	31	White Pine	2	Pole/Sapling	5		Red Maple	2	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling	Red Maple	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Jack Pine	25	Pole/Sapling	7	31																																																						
Black/Red (Hybrid) Oak	7	Pole/Sapling	5																																																							
Red Pine	7	Pole/Sapling	5																																																							
Bigtooth Aspen	57	Pole/Sapling	7	31																																																						
White Pine	2	Pole/Sapling	5																																																							
Red Maple	2	Sapling	3																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Red Pine	Low	5 - 10 feet	Sapling																																																							
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																							
White Pine	Low	5 - 10 feet	Sapling																																																							
Red Maple	Low	10 - 20 feet	Sapling																																																							
7	6112 - Lowland Aspen	Poletimber Poor	6.6	38	1-50	N/A	The stand grades from uplands to lowlands. The west side is wetter and may be too wet to manage. There is a small lowland shrub type with no overstory in the center of the stand. There is also a drainage going through the stand.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Pole/Sapling</td> <td>7</td> <td>38</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>8</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	70	Pole/Sapling	7	38	White Pine	15	Pole/Sapling	5		Bigtooth Aspen	5	Pole	6		Black/Red (Hybrid) Oak	2	Pole/Sapling	6		Paper Birch	8	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	70	Pole/Sapling	7	38																																																						
White Pine	15	Pole/Sapling	5																																																							
Bigtooth Aspen	5	Pole	6																																																							
Black/Red (Hybrid) Oak	2	Pole/Sapling	6																																																							
Paper Birch	8	Sapling/Pole	4																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																							
8	6113 - Lowland Maple	Sapling Poor	98.2	13	Immature	N/A	This stand is made up of swales between ridges. The ash has died out. There is significant maple regeneration in parts of the stand. The crown closure goes from 100% down to 20% with the average being right around 40%. There are islands of mature maples and oaks but much is now regeneration and tag alder.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>90</td> <td>Sapling</td> <td>2</td> <td>13</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Sapling	1		Red Maple	90	Sapling	2	13																																										
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black/Red (Hybrid) Oak	10	Sapling	1																																																							
Red Maple	90	Sapling	2	13																																																						
9	4131 - Aspen, Oak	Sapling Poor	14.2	6	Immature	N/A	The stand is very wet in areas. It was harvested in C126 Mix, sale 73-008-16, in June of 2018. The stand is about 45% lowland. There is some regeneration as well as some open areas. Much of the oak regeneration is less than 5 feet tall, so it is not established.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Sapling	1		Quaking Aspen	50	Sapling	1	6	Red Maple	25	Sapling	1		Paper Birch	5	Sapling	1																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Black/Red (Hybrid) Oak	20	Sapling	1																																																							
Quaking Aspen	50	Sapling	1	6																																																						
Red Maple	25	Sapling	1																																																							
Paper Birch	5	Sapling	1																																																							
10	6127 - Lowland Pine	Sawtimber Poor	12.0	70	81-110	N/A	The stand has leather leaf/sheep laurel ground cover. It was thinned around 2000. There is some regeneration but not a lot. The stand may flood out if clearcut and if thinned it may windthrow.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>85</td> <td>XLog/Log/Pole</td> <td>18</td> <td>70</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Pole/Sap/Log	8		Red Pine	85	XLog/Log/Pole	18	70	Black/Red (Hybrid) Oak	5	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																																						
White Pine	10	Pole/Sap/Log	8																																																							
Red Pine	85	XLog/Log/Pole	18	70																																																						
Black/Red (Hybrid) Oak	5	Pole/Sapling	7																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
White Pine	Medium	5 - 10 feet	Sapling																																																							
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																							
11	6112 - Lowland Aspen	Sapling Poor	40.0	32	1-50	N/A	The stand was harvested in 1992 in Roseburgh High/Low Sale, 73-020-88. The stand is mainly clones of aspen in a matrix of lowland shrubs. The lowland shrubs are mainly tag alder, but there are pockets of red osier dogwood and Michigan Holly. The crown closure goes from around 100% along the Lame Duck Truck Trail down to 20% along the private. The average is just around 50%.																																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Pole/Sapling</td> <td>5</td> <td>32</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	50	Pole/Sapling	5	32	Black/Red (Hybrid) Oak	10	Sapling/Pole	4		Paper Birch	25	Sapling	4		Red Maple	15	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Osier Dogwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	Tall Shrub	Michigan Holly	Low	5 - 10 feet	Tall Shrub	Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																						
Quaking Aspen	50	Pole/Sapling	5	32																																																						
Black/Red (Hybrid) Oak	10	Sapling/Pole	4																																																							
Paper Birch	25	Sapling	4																																																							
Red Maple	15	Sapling	3																																																							
Sub-Canopy Species	Density	Avg. Height	Size																																																							
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																							
Michigan Holly	Low	5 - 10 feet	Tall Shrub																																																							
Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
12	6113 - Lowland Maple	Sawtimber Medium	10.7	93	81-110	N/A	The stand has significant slopes that would hinder management. The base of the slope is wet. Factor Limit the stand for BMP, Too Wet, and too steep.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>70</td> <td>Log/Pole</td> <td>11</td> <td>93</td> </tr> <tr> <td>Red Oak</td> <td>4</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>8</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>7</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>6</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	70	Log/Pole	11	93	Red Oak	4	Log/Pole	13		Paper Birch	8	Log/Pole	10		Quaking Aspen	5	Log/Pole	12		Black/Red (Hybrid) Oak	7	Log/Pole	13		White Pine	6	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	>20 feet	Pole	Black/Red (Hybrid) Oak	Low	>20 feet	Pole	Red Maple	Medium	>20 feet	Pole
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	70	Log/Pole	11	93																																																		
Red Oak	4	Log/Pole	13																																																			
Paper Birch	8	Log/Pole	10																																																			
Quaking Aspen	5	Log/Pole	12																																																			
Black/Red (Hybrid) Oak	7	Log/Pole	13																																																			
White Pine	6	Pole/Log	8																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Paper Birch	Low	>20 feet	Pole																																																			
Black/Red (Hybrid) Oak	Low	>20 feet	Pole																																																			
Red Maple	Medium	>20 feet	Pole																																																			
13	4125 - Black, N. Pin Oak	Sapling Medium	20.4	14	Immature	N/A	The stand is a pocket of jack and white pine. It was harvested in Wells Creek Aspen, sale 73-005-08. The harvest was completed 6/2010. The stand has regenerated to a moderately stocked oak, maple, and pine. The terrain is hummocky.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>14</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	25	Sapling	1		Paper Birch	8	Sapling	1		White Pine	2	Sapling	1		Black/Red (Hybrid) Oak	60	Sapling	1	14	Red Pine	5	Sapling	1																								
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	25	Sapling	1																																																			
Paper Birch	8	Sapling	1																																																			
White Pine	2	Sapling	1																																																			
Black/Red (Hybrid) Oak	60	Sapling	1	14																																																		
Red Pine	5	Sapling	1																																																			
14	6127 - Lowland Pine	Poletimber Well	15.6	72	81-110	N/A	The stand is 65% lowlands. It was harvested in C126 Mix, sale 73-008-16, in October 2020.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>80</td> <td>Pole/Log/Sap</td> <td>9</td> <td>72</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	5	Pole	8		Red Pine	15	Pole/Log	9		White Pine	80	Pole/Log/Sap	9	72																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Tamarack	5	Pole	8																																																			
Red Pine	15	Pole/Log	9																																																			
White Pine	80	Pole/Log/Sap	9	72																																																		
15	6229 - Mixed lowland shrub	Nonstocked	5.3		Immature	No	The stand is a transition between regenerating oak and leather leaf. It is predominantly lowland shrubs with some scattered swamp hardwoods.																																															
16	6225 - Bog	Nonstocked	5.9		Unspecified	No	The stand is mainly leather leaf with scattered conifers. The crown closure is below 15%.																																															
17	6224 - Treed Bog	Nonstocked	23.2	0	Unspecified	6127 - Lowland Pine	The stand is wetter and has areas of leather leaf. It was harvested in C126 Mix, sale 73-008-16, in October 2020. It was marked to retain 10 to 20 BA of jack pine in scattered groups for retention and seed. Some of the pockets have wind thrown. The pinecones on the jack pine are just starting to open. The regeneration is not present at the current time.																																															
18	6112 - Lowland Aspen	Sapling Medium	5.0	24	Immature	N/A	The stand was harvested in 1999, in Wells Crossing, sale 73-006-98. The stand is lower and wetter than the neighboring stand that is similar. It was heavily rutted when it was harvested.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Sapling</td> <td>3</td> <td>24</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Sapling	4		Paper Birch	25	Sapling	3	24	Quaking Aspen	35	Sapling/Pole	4	24	Bigtooth Aspen	20	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Michigan Holly	High	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Red Maple	20	Sapling	4																																																			
Paper Birch	25	Sapling	3	24																																																		
Quaking Aspen	35	Sapling/Pole	4	24																																																		
Bigtooth Aspen	20	Sapling/Pole	4																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																			
Michigan Holly	High	5 - 10 feet	Tall Shrub																																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
19	42200 - Natural White Pine	Sawtimber Well	3.8	66	141-170	N/A	The stand is a mix of red pine, white pine, with a trace of oak and tamarack. The diameters go from seedlings all the way up to extra-large saw logs. The extra-large saw logs are mainly white pine.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>15</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>35</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>White Pine</td> <td>60</td> <td>Log/XLog/Pole</td> <td>14</td> <td>66</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5	Log	15		Red Pine	35	Log/Pole	13		White Pine	60	Log/XLog/Pole	14	66	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Medium	Variable	Sapling																										
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Black/Red (Hybrid) Oak	5	Log	15																																																						
Red Pine	35	Log/Pole	13																																																						
White Pine	60	Log/XLog/Pole	14	66																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
White Pine	Medium	Variable	Sapling																																																						
20	6113 - Lowland Maple	Poletimber Poor	6.2	69	1-50	N/A	The south end is a saw/pole maple and oak stand. There are several grassy openings in the stand but there are not large. They are filling in with oak. The aspen in the stand is overmature and has low vigor. Let it die and let the stand convert to oak.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Log/Pole/Sap</td> <td>12</td> <td>69</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Pole/Sap/Log	9		Red Maple	70	Log/Pole/Sap	12	69	Paper Birch	10	Pole/Sapling	7																																					
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Black/Red (Hybrid) Oak	20	Pole/Sap/Log	9																																																						
Red Maple	70	Log/Pole/Sap	12	69																																																					
Paper Birch	10	Pole/Sapling	7																																																						
21	4130 - Aspen	Sapling Well	30.0	24	1-50	N/A	The stand was harvested in 1999, in Wells Crossing, sale 73-006-98. There is a good two-track along a ridge. The regeneration is coming in well and it is dense. The terrain is undulating to hummocky.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>55</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> <tr> <td>Red Maple</td> <td>23</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>8</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>14</td> <td>Sapling/Pole</td> <td>4</td> <td>24</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	55	Sapling/Pole	4	24	Red Maple	23	Sapling/Pole	4		Choke Cherry	8	Sapling	3		Quaking Aspen	14	Sapling/Pole	4	24	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Paper Birch	Low	10 - 20 feet	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Bigtooth Aspen	55	Sapling/Pole	4	24																																																					
Red Maple	23	Sapling/Pole	4																																																						
Choke Cherry	8	Sapling	3																																																						
Quaking Aspen	14	Sapling/Pole	4	24																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																						
Paper Birch	Low	10 - 20 feet	Sapling																																																						
22	622 - Lowland Shrub	Nonstocked	7.4		Unspecified	No	The stand appears to be a very wet lowland shrub type. There are some scattered birches, but they have a crown closure that is less than 2%.																																																		
23	6113 - Lowland Maple	Sawtimber Medium	7.9	89	51-80	N/A	The stand is landlocked. The terrain is hummocky. There are low wet areas where the ash has died out. This has lowered the crown closure to around 50%. The aspen and birch are both declining. The stand is converting to maple and oak.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log</td> <td>12</td> <td>89</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Red Oak</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole</td> <td>11</td> <td>89</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	15	Log	12	89	White Pine	5	Log/Pole/Sap	10		Red Oak	10	Log/Pole	12		White Oak	5	Log/Pole	11		Paper Birch	5	Pole	8		Red Maple	60	Log/Pole	11	89	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub	Red Maple	Medium	Variable	Sapling	White Pine	Low	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Quaking Aspen	15	Log	12	89																																																					
White Pine	5	Log/Pole/Sap	10																																																						
Red Oak	10	Log/Pole	12																																																						
White Oak	5	Log/Pole	11																																																						
Paper Birch	5	Pole	8																																																						
Red Maple	60	Log/Pole	11	89																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																																						
Red Maple	Medium	Variable	Sapling																																																						
White Pine	Low	Variable	Sapling																																																						
24	6119 - Mixed Lowland Deciduous Forest	Sawtimber Medium	5.2	89	51-80	N/A	The stand is landlocked. The ash in the stand is gone. The aspens and birches are declining. The crown closure is now below 60%.																																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td>89</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Log/Pole/Sap</td> <td>11</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>50</td> <td>Log/Pole/Sap</td> <td>11</td> <td>89</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	5	Pole	8		Quaking Aspen	10	Log	12	89	Black/Red (Hybrid) Oak	30	Log/Pole/Sap	11		White Oak	5	Log/Pole	11		Red Maple	50	Log/Pole/Sap	11	89	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling	Black/Red (Hybrid) Oak	Medium	Variable	Sapling	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Paper Birch	5	Pole	8																																																						
Quaking Aspen	10	Log	12	89																																																					
Black/Red (Hybrid) Oak	30	Log/Pole/Sap	11																																																						
White Oak	5	Log/Pole	11																																																						
Red Maple	50	Log/Pole/Sap	11	89																																																					
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Red Maple	Medium	Variable	Sapling																																																						
Black/Red (Hybrid) Oak	Medium	Variable	Sapling																																																						
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
25	6126 - Lowland Jack Pine	Poletimber Poor	7.9	55	1-50	N/A	The stand has just a little over 25% crown closure. There is a slight upland ridge along the west side. Much of the stand is leather leaf and wet.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>85</td> <td>Pole/Sapling</td> <td>7</td> <td>55</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	85	Pole/Sapling	7	55	White Pine	5	Log/Pole/Sap	10		Black/Red (Hybrid) Oak	10	Pole/Sap/Log	7																								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Jack Pine	85	Pole/Sapling	7	55																																								
White Pine	5	Log/Pole/Sap	10																																									
Black/Red (Hybrid) Oak	10	Pole/Sap/Log	7																																									
26	6224 - Treed Bog	Nonstocked	25.1		Immature	No	The crown closure is right around 25%. It is heavy to red pine, white pine, and tamarack. The ground cover is leather leaf, labrador tea, and sheep laurel.																																					
27	4130 - Aspen	Sapling Well	24.6	23	Immature	N/A	The stand was harvested in 2000, in Wells Crossing, sale 73-006-98. The stand has a drainage that is very soft running through it. There is a portion of the drainage that is more of a tag alder pocket. The trees in that pocket are declining.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>3</td> <td>23</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>7</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>28</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Sapling	3		Bigtooth Aspen	50	Sapling	3	23	Black/Red (Hybrid) Oak	5	Sapling	3		Red Maple	7	Sapling	3		Quaking Aspen	28	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																								
Paper Birch	10	Sapling	3																																									
Bigtooth Aspen	50	Sapling	3	23																																								
Black/Red (Hybrid) Oak	5	Sapling	3																																									
Red Maple	7	Sapling	3																																									
Quaking Aspen	28	Sapling	3																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																									
28	6233 - Wet Meadow	Nonstocked	4.5		Unspecified	No	The stand is a depression that has leather leaf around the perimeter and a couple small patches scattered throughout. The soil is still very soft.																																					
29	629 - Mixed non-forested wetland	Nonstocked	2.3		Unspecified	No	The stand is a depression of marsh grass with scattered pockets of alder shrubs.																																					
30	622 - Lowland Shrub	Nonstocked	2.3		Unspecified	No	The stand is a low wet lowland shrub type. It has a component of birch and maple creeping in from the edges.																																					
31	6233 - Wet Meadow	Nonstocked	3.9		Unspecified	No	The stand is a depression of sedge with islands of leather leaf.																																					
32	4130 - Aspen	Sapling Well	20.7	14	Immature	N/A	The regeneration is coming in well. The stand was harvested in Wells Creek Aspen, sale 73-005-08. The sale was completed in 6/2010. The stand is mostly upland. However, there is a large area of low ground that appears to dry out in summer. The leaf off imagery shows water. However, when it was examined, it was dry.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>17</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>18</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	17	Sapling	2		Choke Cherry	18	Sapling	2		Quaking Aspen	15	Sapling	2		Bigtooth Aspen	50	Sapling	2	14	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Black/Red (Hybrid) Oak	17	Sapling	2																																									
Choke Cherry	18	Sapling	2																																									
Quaking Aspen	15	Sapling	2																																									
Bigtooth Aspen	50	Sapling	2	14																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
33	4199 - Other Mixed Upland Deciduous	Poletimber Medium	12.0	60	51-80	N/A	The parcel is landlocked. It has about 80% uplands. However, there are significant areas of wet ground going through the center of the stand. The aspens and birches are declining. It is converting to oak and white pine.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>45</td> <td>Pole/Sap/Log</td> <td>8</td> <td>60</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	45	Pole/Sap/Log	8	60	Paper Birch	5	Pole	6		Black/Red (Hybrid) Oak	35	Pole/Sap/Log	8		Quaking Aspen	5	Log/Pole	10		Bigtooth Aspen	10	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	45	Pole/Sap/Log	8	60																																													
Paper Birch	5	Pole	6																																														
Black/Red (Hybrid) Oak	35	Pole/Sap/Log	8																																														
Quaking Aspen	5	Log/Pole	10																																														
Bigtooth Aspen	10	Log/Pole	10																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub																																														
34	6113 - Lowland Maple	Poletimber Medium	5.5	65	51-80	N/A	The stand is low and wet overall. The crown closure goes from 100% down to 0%. The average is around 60%. The density decreases going east.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>8</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>9</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>76</td> <td>Pole/Sap/Log</td> <td>9</td> <td>65</td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	8	Pole	8		Black/Red (Hybrid) Oak	9	Pole/Sap/Log	8		Red Maple	76	Pole/Sap/Log	9	65	Paper Birch	7	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Bigtooth Aspen	Low	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	8	Pole	8																																														
Black/Red (Hybrid) Oak	9	Pole/Sap/Log	8																																														
Red Maple	76	Pole/Sap/Log	9	65																																													
Paper Birch	7	Sapling/Pole	4																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Maple	Medium	>20 feet	Sapling																																														
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																														
Bigtooth Aspen	Low	10 - 20 feet	Sapling																																														
35	622 - Lowland Shrub	Nonstocked	5.8		Unspecified	No	The stand is a lowland shrub type with scattered birch. The crown closure is less than 5%. The stand goes from lowland shrubs in the east to leather leaf in the west.																																										
36	4130 - Aspen	Sapling Well	25.1	23	Immature	N/A	The stand was harvested in 2000, in Wells Crossing, sale 73-006-98. Overall, the regeneration is good. However, there are inclusions of open ground. The stand has some wet areas along the powerline. They show water in the leaf off imagery but were dry in the fall when the inventory was done.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>65</td> <td>Sapling</td> <td>4</td> <td>23</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	3		Bigtooth Aspen	65	Sapling	4	23	Quaking Aspen	15	Sapling	4		Black/Red (Hybrid) Oak	10	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	10	Sapling	3																																														
Bigtooth Aspen	65	Sapling	4	23																																													
Quaking Aspen	15	Sapling	4																																														
Black/Red (Hybrid) Oak	10	Sapling	3																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																														
37	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	10.2	82	51-80	N/A	The stand has some canopy gaps. It is land locked by private land and Wells Creek.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black Cherry</td> <td>10</td> <td>Pole/Log</td> <td>10</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>40</td> <td>Log/Pole</td> <td>12</td> <td>82</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole	8		Black Cherry	10	Pole/Log	10		Red Maple	10	Pole	8		White Pine	20	Log/Pole	12		Paper Birch	10	Pole	8		Black/Red (Hybrid) Oak	40	Log/Pole	12	82	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Saplings</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Saplings	High	Variable	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	10	Pole	8																																														
Black Cherry	10	Pole/Log	10																																														
Red Maple	10	Pole	8																																														
White Pine	20	Log/Pole	12																																														
Paper Birch	10	Pole	8																																														
Black/Red (Hybrid) Oak	40	Log/Pole	12	82																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Deciduous Saplings	High	Variable	Sapling																																														
38	622 - Lowland Shrub	Nonstocked	11.3		Unspecified	No	The stand has a small creek running through it. The trees are on the slope going down to the flood plain.																																										
39	3102 - Grass	Nonstocked	3.2		Unspecified	No	This is the pipeline. It was brush hogged in the summer of 2023 by the pipeline company. The shrubs are just starting to regenerate in September.																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
40	4131 - Aspen, Oak	Sapling Well	20.5	11	Immature	N/A	The stand was harvested in 8/2012, in Powerline Harvest, sale 73-019-10. The stand is dominated by a ridge. The oak regeneration is less than 4' tall so it is not established. The witch hazel in the stand is concentrated on the ridge. When the stand was harvested oak less than 4" DBH were retained as well as marked oak. The stand has regenerated more in 2023. Currently the crown closure is closer to 75%. There are some open areas.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	10	Log	14		Black/Red (Hybrid) Oak	20	Sapling	1	11	Bigtooth Aspen	40	Sapling	1	11	Quaking Aspen	15	Sapling	1	11	Red Maple	15	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Common Blackberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	Tall Shrub	Common Blackberry	Medium	< 5 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	10	Log	14																																														
Black/Red (Hybrid) Oak	20	Sapling	1	11																																													
Bigtooth Aspen	40	Sapling	1	11																																													
Quaking Aspen	15	Sapling	1	11																																													
Red Maple	15	Sapling	1																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																														
Common Blackberry	Medium	< 5 feet	Tall Shrub																																														
41	4130 - Aspen	Poletimber Well	25.3	32	51-80	N/A	The stand was harvested in 1990, in sale Roseburgh High/Low Sale 73-020-88. Overall, the stand is well stocked. The stand has about 15 to 20% lowland. Birch is concentrated along Wells creek and the creek to the north. There are a couple of drainages that flow through the stand. They are very wet																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Pole/Sapling</td> <td>6</td> <td>32</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	20	Pole/Sapling	5		Paper Birch	15	Sapling/Pole	4		Black/Red (Hybrid) Oak	5	Pole/Sapling	5		Bigtooth Aspen	60	Pole/Sapling	6	32	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Red Maple	Medium	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	20	Pole/Sapling	5																																														
Paper Birch	15	Sapling/Pole	4																																														
Black/Red (Hybrid) Oak	5	Pole/Sapling	5																																														
Bigtooth Aspen	60	Pole/Sapling	6	32																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																														
Red Maple	Medium	Variable	Sapling																																														
42	6225 - Bog	Nonstocked	2.8		Unspecified	No	The stand is leather leaf with white pine and scattered birch. The crown closure is below 10%.																																										
43	6225 - Bog	Nonstocked	6.7		Unspecified	No	There are some scattered pockets of trees, but not enough to call the stand a treed bog.																																										
44	4130 - Aspen	Sapling Medium	37.5	11	Immature	N/A	The stand was harvested 8/2012, in Powerline Harvest, sale 73-019-10. The crown closure goes from 100% down to 10%. It averages around 60%. The stem density decreases going south. There is oak regeneration that is not established.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	40	Sapling	1	11	Black/Red (Hybrid) Oak	10	Sapling	1		Quaking Aspen	30	Sapling	1	11	Red Maple	20	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Willow spp.</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Common Blackberry</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Cattail spp.</td> <td>Low</td> <td>Unspecified</td> <td>Non-Wood</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Low	5 - 10 feet	Tall Shrub	Willow spp.	Low	5 - 10 feet	Tall Shrub	Common Blackberry	Medium	< 5 feet	Tall Shrub	Cattail spp.	Low	Unspecified	Non-Wood
Canopy Species	% Cover	Size Class	DBH	Age																																													
Bigtooth Aspen	40	Sapling	1	11																																													
Black/Red (Hybrid) Oak	10	Sapling	1																																														
Quaking Aspen	30	Sapling	1	11																																													
Red Maple	20	Sapling	1																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																														
Willow spp.	Low	5 - 10 feet	Tall Shrub																																														
Common Blackberry	Medium	< 5 feet	Tall Shrub																																														
Cattail spp.	Low	Unspecified	Non-Wood																																														
45	500 - Water	Nonstocked	18.7		Unspecified	No	This stand is the flood plain of Wells Creek. It is where it widens into a marsh with open water because of beaver activity.																																										
46	4199 - Other Mixed Upland Deciduous	Poletimber Well	14.9	88	51-80	N/A	The stand is land locked by private. The aspen in the stand has pretty much fallen out. The trees remaining are mainly oak and maple with some white pine and quaking aspen. The gaps caused by the fallout of the aspen are filling in with oak, white pine, and maple. There are also areas of tag alder.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Log/Pole/Sap</td> <td>11</td> <td>88</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	10	Pole	9		White Pine	10	Pole/Sap/Log	7		Red Maple	35	Pole/Sap/Log	8		Black/Red (Hybrid) Oak	45	Log/Pole/Sap	11	88	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	Variable	Sapling	White Pine	Medium	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	10	Pole	9																																														
White Pine	10	Pole/Sap/Log	7																																														
Red Maple	35	Pole/Sap/Log	8																																														
Black/Red (Hybrid) Oak	45	Log/Pole/Sap	11	88																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Black/Red (Hybrid) Oak	Medium	Variable	Sapling																																														
White Pine	Medium	Variable	Sapling																																														
47	6233 - Wet Meadow	Nonstocked	3.8		Unspecified	No	The stand is a depression that looks like marsh grass with a ring of leather leaf.																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
48	4131 - Aspen, Oak	Poletimber Medium	9.8	60	51-80	N/A	The stand is land locked by private. The terrain is hummocky. The aspen is declining. The crown closure is around 70%. It is converting to oak.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>11</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Pole/Log</td> <td>8</td> <td>60</td> </tr> <tr> <td>Red Maple</td> <td>19</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Pole/Sap/Log	8		Red Pine	11	Log/Pole	10		Bigtooth Aspen	50	Pole/Log	8	60	Red Maple	19	Pole/Sap/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Red Maple	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	20	Pole/Sap/Log	8																																					
Red Pine	11	Log/Pole	10																																					
Bigtooth Aspen	50	Pole/Log	8	60																																				
Red Maple	19	Pole/Sap/Log	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																					
Red Maple	Medium	Variable	Sapling																																					
49	4130 - Aspen	Poletimber Well	19.0	48	81-110	N/A	The stand is ready for harvest. It is mainly uplands with a few lowland pockets. The harvest should have some oak marked to be retained and possibly some pockets of retention. The stand has a predominant ridge running through it. The ridge is more pronounced toward the east and west ends.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole/Log</td> <td>9</td> <td>48</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole	7		Quaking Aspen	80	Pole/Log	9	48	Black/Red (Hybrid) Oak	15	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	5	Pole	7																																					
Quaking Aspen	80	Pole/Log	9	48																																				
Black/Red (Hybrid) Oak	15	Log/Pole	12																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
White Pine	Low	Variable	Sapling																																					
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																					
50	622 - Lowland Shrub	Nonstocked	6.5		Immature	No	The stand is the drainage of Wells Creek and its flood plain.																																	
51	6113 - Lowland Maple	Sawtimber Medium	18.5	93	81-110	N/A	The stand is wet. So factor limit for BMP and too wet.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>7</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Log/Pole</td> <td>11</td> <td>93</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	7	Log/Pole	13		Paper Birch	15	Log/Pole	10		White Pine	8	Pole/Log	8		Red Maple	70	Log/Pole	11	93	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Pole</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Pole	Paper Birch	Low	>20 feet	Pole
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	7	Log/Pole	13																																					
Paper Birch	15	Log/Pole	10																																					
White Pine	8	Pole/Log	8																																					
Red Maple	70	Log/Pole	11	93																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Red Maple	Medium	>20 feet	Pole																																					
Paper Birch	Low	>20 feet	Pole																																					
52	6112 - Lowland Aspen	Poletimber Well	13.3	38	51-80	N/A	The stand is predominantly poles. The terrain is hummocky. There are drainages that flow through the stand.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>80</td> <td>Pole/Sapling</td> <td>7</td> <td>38</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5	Sapling/Pole	4		Red Maple	10	Pole/Sapling	5		White Oak	5	Sapling/Pole	4		Quaking Aspen	80	Pole/Sapling	7	38	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	5	Sapling/Pole	4																																					
Red Maple	10	Pole/Sapling	5																																					
White Oak	5	Sapling/Pole	4																																					
Quaking Aspen	80	Pole/Sapling	7	38																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Red Maple	Medium	>20 feet	Sapling																																					
53	6113 - Lowland Maple	Sawtimber Well	6.6	88	81-110	N/A	Most of the stand is too wet to harvest besides being landlocked. All the ash in the stand is gone. The crown closure is now closer to 75%.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>80</td> <td>Log/Pole/Sap</td> <td>12</td> <td>88</td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>16</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	80	Log/Pole/Sap	12	88	Paper Birch	4	Pole/Sapling	5		Black/Red (Hybrid) Oak	16	Log/Pole/Sap	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub	Michigan Holly	High	5 - 10 feet	Tall Shrub					
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	80	Log/Pole/Sap	12	88																																				
Paper Birch	4	Pole/Sapling	5																																					
Black/Red (Hybrid) Oak	16	Log/Pole/Sap	12																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																					
Michigan Holly	High	5 - 10 feet	Tall Shrub																																					
54	6220 - Alder/willow	Nonstocked	39.2		Unspecified	No	This is Wells Creek flood plain. It is heavy to tag alder and willow.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																						
55	4125 - Black, N. Pin Oak	Sapling Medium	4.2	8	Immature	N/A	The stand is a slight ridge that was harvested leaving some red pine and oak. Most of the stand has now regenerated to oak.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	5	Log	14		Black/Red (Hybrid) Oak	80	Sapling	1	8	Red Pine	5	Log	16		White Oak	10	Sapling	1																														
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Black/Red (Hybrid) Oak	5	Log	14																																																										
Black/Red (Hybrid) Oak	80	Sapling	1	8																																																									
Red Pine	5	Log	16																																																										
White Oak	10	Sapling	1																																																										
56	4199 - Other Mixed Upland Deciduous	Sapling Medium	10.8	22	Immature	N/A	The stand was harvested in 2000, in Wells Crossing, sale 73-006-98. It is a mix of uplands and lowlands. The uplands are oak/aspens, and the lowlands are tag alder/maple. There is about 30 to 40% lowland in the stand.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Sapling</td> <td>2</td> <td>22</td> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>2</td> <td>22</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling</td> <td>2</td> <td>22</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	55	Sapling	2	22	Tag Alder	High	10 - 20 feet	Tall Shrub	Red Maple	15	Sapling	2	22					Quaking Aspen	30	Sapling	2	22																						
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Black/Red (Hybrid) Oak	55	Sapling	2	22	Tag Alder	High	10 - 20 feet	Tall Shrub																																																					
Red Maple	15	Sapling	2	22																																																									
Quaking Aspen	30	Sapling	2	22																																																									
57	4130 - Aspen	Sapling Well	6.0	22	1-50	N/A	The stand is a transition from uplands to lowlands. The drain is fairly level. The aspen is mainly quaking aspen but there are scattered bigtooth.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>3</td> <td>22</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling	2		Black/Red (Hybrid) Oak	10	Sapling	2		Choke Cherry	5	Sapling	3		Bigtooth Aspen	70	Sapling	3	22																													
Canopy Species	% Cover	Size Class	DBH	Age																																																									
Red Maple	15	Sapling	2																																																										
Black/Red (Hybrid) Oak	10	Sapling	2																																																										
Choke Cherry	5	Sapling	3																																																										
Bigtooth Aspen	70	Sapling	3	22																																																									
58	330 - Low-Density Trees	Nonstocked	5.5		Unspecified	No	The stand is predominantly choked cherry and white pine. The white pine is heavily weevilled. There is scattered oak, maple, and red pine. The crown closure is between 15 and 20%.																																																						
59	4130 - Aspen	Sapling Well	20.7	22	1-50	N/A	The stand was harvested in 2000, in Wells Crossing, sale 73-006-98. It is mainly a ridge and it has regenerated well. The aspen also has good form.																																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Choke Cherry</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>13</td> <td>Sapling</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>2</td> <td>22</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Choke Cherry	5	Sapling	2		Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling	Quaking Aspen	13	Sapling	2						White Oak	2	Sapling	2						Black/Red (Hybrid) Oak	10	Sapling	2						Bigtooth Aspen	70	Sapling	2	22				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																					
Choke Cherry	5	Sapling	2		Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																																					
Quaking Aspen	13	Sapling	2																																																										
White Oak	2	Sapling	2																																																										
Black/Red (Hybrid) Oak	10	Sapling	2																																																										
Bigtooth Aspen	70	Sapling	2	22																																																									
60	6220 - Alder/willow	Nonstocked	3.9		Unspecified	No	The stand is a swale between ridges that acts as a drain. There are some upland inclusions, but most of the stand is tag alder.																																																						
61	629 - Mixed non-forested wetland	Nonstocked	1.7		Unspecified	No	This stand is a dryer lowland shrub type. It has scattered maple and oak in it. However, the crown closure is below 15%.																																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																
62	6113 - Lowland Maple	Sawtimber Well	48.5	55	81-110	N/A	The stand is mostly lowlands. There are some uplands along the cut. The ash is gone. It is now predominantly maple.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>5</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>XLog/Log/Pole</td> <td>18</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>70</td> <td>Log/Pole</td> <td>11</td> <td>55</td> </tr> <tr> <td>Red Oak</td> <td>3</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>11</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern White Cedar	5	Pole	9		White Pine	5	XLog/Log/Pole	18		Red Maple	70	Log/Pole	11	55	Red Oak	3	Log/Pole	11		Paper Birch	4	Pole/Sapling	7		White Oak	2	Log/XLog	17		Black/Red (Hybrid) Oak	11	Log/Pole	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Northern White Cedar	5	Pole	9																																																				
White Pine	5	XLog/Log/Pole	18																																																				
Red Maple	70	Log/Pole	11	55																																																			
Red Oak	3	Log/Pole	11																																																				
Paper Birch	4	Pole/Sapling	7																																																				
White Oak	2	Log/XLog	17																																																				
Black/Red (Hybrid) Oak	11	Log/Pole	13																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling																																																				
White Pine	Low	10 - 20 feet	Sapling																																																				
63	6113 - Lowland Maple	Sawtimber Medium	17.2	79	51-80	N/A	The ash in the stand is dead. There is a good balsam fir component in the western 1/2. It has a couple of drier knobs that are surrounded by wet ground making the stand un-manageable. The lowlands make up about 60%.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>90</td> <td>Log/Pole/Sap</td> <td>10</td> <td>79</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	10	Pole/Log	8		Red Maple	90	Log/Pole/Sap	10	79	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Balsam Fir</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Balsam Fir	High	>20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Maple	Low	>20 feet	Sapling																					
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Paper Birch	10	Pole/Log	8																																																				
Red Maple	90	Log/Pole/Sap	10	79																																																			
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Balsam Fir	High	>20 feet	Sapling																																																				
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																				
Red Maple	Low	>20 feet	Sapling																																																				
64	4130 - Aspen	Sapling Well	74.8	3	Immature	N/A	The stand is not one of the richer sites. It was harvested in April 2021, in sale C126 Mix, sale 73-008-16. It has regenerated quite well. The crown closure goes from 15 to 100% and averages around 75%. There is oak and pine showing up in the understory. However, most of it is below the bracken fern, so it is not established and hard to see.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Sapling	1	3	Red Maple	10	Sapling	1		Black/Red (Hybrid) Oak	8	Sapling	1		Choke Cherry	7	Sapling	1		Quaking Aspen	25	Sapling	1	3																								
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Bigtooth Aspen	50	Sapling	1	3																																																			
Red Maple	10	Sapling	1																																																				
Black/Red (Hybrid) Oak	8	Sapling	1																																																				
Choke Cherry	7	Sapling	1																																																				
Quaking Aspen	25	Sapling	1	3																																																			
65	6113 - Lowland Maple	Poletimber Poor	5.7	97	51-80	N/A	The aspen is declining, and the stand is quite wet. There are areas of near pure tag alder. The trees are mainly along the perimeter.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>8</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>69</td> <td>Pole/Log/Sap</td> <td>8</td> <td>97</td> </tr> <tr> <td>Quaking Aspen</td> <td>13</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Pole/Log/Sap	8		Choke Cherry	8	Pole/Sapling	7		Red Maple	69	Pole/Log/Sap	8	97	Quaking Aspen	13	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Paper Birch	Low	>20 feet	Sapling	Tag Alder	Full	5 - 10 feet	Tall Shrub											
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Black/Red (Hybrid) Oak	10	Pole/Log/Sap	8																																																				
Choke Cherry	8	Pole/Sapling	7																																																				
Red Maple	69	Pole/Log/Sap	8	97																																																			
Quaking Aspen	13	Pole/Sapling	7																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Red Maple	Medium	>20 feet	Sapling																																																				
Paper Birch	Low	>20 feet	Sapling																																																				
Tag Alder	Full	5 - 10 feet	Tall Shrub																																																				
66	6114 - Lowland Oak	Poletimber Medium	2.5	55	51-80	N/A	The tag alder in the stand is dense and tall. The stand is mainly a wet depression of oak pole/saw. It is too wet to harvest. The east end does have a pocket of leather leaf and marsh grass. 01/11/2019 - Shooltz: Survey date was updated to satisfy a MiFI error which associated stand 335's monitoring treatment with this stand.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>90</td> <td>Pole/Log/Sap</td> <td>8</td> <td>55</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	90	Pole/Log/Sap	8	55	Red Maple	10	Pole/Sapling	5																																								
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Black/Red (Hybrid) Oak	90	Pole/Log/Sap	8	55																																																			
Red Maple	10	Pole/Sapling	5																																																				
67	6112 - Lowland Aspen	Sawtimber Well	7.6	69	81-110	N/A	The stand has a wet vein running through it, some areas may be too wet to harvest. The upland portions of the stand need to be cut. When clear cutting retains some of the overstory aspen and oak. Concentrate the retention to mast trees and cavity trees. The harvest will need to be done during dry/frozen conditions.																																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Log/Pole</td> <td>13</td> <td>69</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Pole/Log	9		Quaking Aspen	65	Log/Pole	13	69	Black/Red (Hybrid) Oak	20	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling																								
Canopy Species	% Cover	Size Class	DBH	Age																																																			
Red Maple	15	Pole/Log	9																																																				
Quaking Aspen	65	Log/Pole	13	69																																																			
Black/Red (Hybrid) Oak	20	Log/Pole	10																																																				
Sub-Canopy Species	Density	Avg. Height	Size																																																				
Red Maple	Low	>20 feet	Sapling																																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

68	4133 - Aspen, Mixed Pine	Poletimber Well	5.3	48	51-80	N/A	Harvest as a clearcut. Mark some of the oaks and pines for seed and structural diversity. Favor the retention of white oak.
-----------	--------------------------	-----------------	-----	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	20	Pole/Log/Sap	9	
Bigtooth Aspen	53	Pole/Log	9	48
Paper Birch	3	Pole/Sapling	7	
Jack Pine	5	Pole/Log	9	
Red Pine	2	Log/Pole	12	
Black/Red (Hybrid) Oak	12	Pole/Sap/Log	8	
White Oak	5	Pole/Log	9	

Sub-Canopy Species	Density	Avg. Height	Size
White Pine	Medium	Variable	Sapling
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling

69	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	14.2	68	81-110	N/A	The stand is landlocked by private land and Wells Creek. It is mainly upland oak, white pine, with overmature aspen. Currently the crown closure is around 80%.
-----------	--	----------------	------	----	--------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Pine	5	Log/Pole/XLog	14	
Red Maple	20	Log/Pole/Sap	12	
Bigtooth Aspen	10	Pole	9	
White Pine	15	Log/Pole/XLog	14	
Black/Red (Hybrid) Oak	50	Log/Pole/Sap	11	68

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Medium	Variable	Sapling
White Pine	Low	Variable	Sapling

70	4133 - Aspen, Mixed Pine	Sapling Well	32.7	28	Immature	N/A	The stand was harvested in Connector Road Aspen, sale 73-013-96. It was cut in the fall of 1996. All oak less than 5" DBH were left during harvest. The stand is converting over to poles. There are several drainages that cross the stand.
-----------	--------------------------	--------------	------	----	----------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	20	Pole/Sapling	6	
Red Maple	7	Sapling	3	
Bigtooth Aspen	55	Sapling/Pole	4	28
Choke Cherry	5	Sapling/Pole	3	
Red Oak	3	Sapling	3	
Black/Red (Hybrid) Oak	10	Pole/Sapling	5	

71	6113 - Lowland Maple	Sawtimber Well	5.0	130	111-140	N/A	The stand is too wet to harvest. The ash is gone.
-----------	----------------------	----------------	-----	-----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	6	Pole	7	
Northern White Cedar	10	Pole/Sap/Log	8	
Paper Birch	8	Pole/Log	9	
White Pine	7	Log/XLog	16	
Red Maple	69	Log/Pole/Sap	10	130

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	>20 feet	Pole
Balsam Fir	Medium	10 - 20 feet	Sapling
White Pine	Low	5 - 10 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
72	4133 - Aspen, Mixed Pine	Sapling Well	14.8	14	1-50	N/A	The stand was harvested in B-Pit Harvest, sale 73-025-06. It was harvest around 2008. The stand is regenerating well. It has some supercanopy oak and pine. The residual pine and oak are predominantly in the southeast section of the stand.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>14</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Pine</td> <td>20</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Sapling	2	14	Black/Red (Hybrid) Oak	5	Sapling	2		Quaking Aspen	25	Sapling	2		White Pine	20	Log/Pole	12																											
Canopy Species	% Cover	Size Class	DBH	Age																																																
Bigtooth Aspen	50	Sapling	2	14																																																
Black/Red (Hybrid) Oak	5	Sapling	2																																																	
Quaking Aspen	25	Sapling	2																																																	
White Pine	20	Log/Pole	12																																																	
73	4130 - Aspen	Sapling Poor	14.8	3	1-50	N/A	The stand was harvested in January of 2021, in C126 Mix, sale 73-008-16. The stand has significant oak regeneration. However, it is not established. There are also some aspen clones. The stand is currently poorly stocked until the oak becomes established.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>11</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td>97</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log</td> <td>11</td> <td>97</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Log	14		Quaking Aspen	70	Sapling	1	3	Black/Red (Hybrid) Oak	11	Sapling	1	3	Red Maple	2	Pole/Log	9	97	Black/Red (Hybrid) Oak	15	Log	11	97	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Choke Cherry</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Choke Cherry	Low	5 - 10 feet	Sapling											
Canopy Species	% Cover	Size Class	DBH	Age																																																
White Pine	2	Log	14																																																	
Quaking Aspen	70	Sapling	1	3																																																
Black/Red (Hybrid) Oak	11	Sapling	1	3																																																
Red Maple	2	Pole/Log	9	97																																																
Black/Red (Hybrid) Oak	15	Log	11	97																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Choke Cherry	Low	5 - 10 feet	Sapling																																																	
74	4130 - Aspen	Sapling Well	14.0	3	Immature	N/A	The stand was harvested in April 2021, in sale C126 Mix, sale 73-008-16. It has regenerated quite well overall. The average crown closure is around 80%. There are grassy openings at the west and central portions of the stand.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Choke Cherry</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Choke Cherry	7	Sapling	1		Quaking Aspen	45	Sapling	1	3	Bigtooth Aspen	40	Sapling	1	3	Black/Red (Hybrid) Oak	8	Sapling	1																											
Canopy Species	% Cover	Size Class	DBH	Age																																																
Choke Cherry	7	Sapling	1																																																	
Quaking Aspen	45	Sapling	1	3																																																
Bigtooth Aspen	40	Sapling	1	3																																																
Black/Red (Hybrid) Oak	8	Sapling	1																																																	
75	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	15.4	25	Immature	N/A	The planted jack pine has come in quite well. The stand is mainly a ridge that wraps around a slightly lower type.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>80</td> <td>Sapling</td> <td>2</td> <td>25</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Sapling	2		Jack Pine	80	Sapling	2	25																																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Black/Red (Hybrid) Oak	20	Sapling	2																																																	
Jack Pine	80	Sapling	2	25																																																
76	4310 - Pine, Oak Mix	Poletimber Well	6.0	28	51-80	N/A	The stand is mainly uplands that slopes down to the flood plain of Wells Creek. The uplands have some extra-large pines. The stand could be harvested by removing hardwoods retaining conifer and marking some oaks.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>7</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>55</td> <td>Pole/Log/Sap</td> <td>9</td> <td>28</td> </tr> <tr> <td>Jack Pine</td> <td>2</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>6</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	7	Pole/Log	9		Black/Red (Hybrid) Oak	30	Pole	8		White Pine	55	Pole/Log/Sap	9	28	Jack Pine	2	Pole/Log	9		Red Maple	6	Pole/Sap/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling	Red Maple	Low	>20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																
Bigtooth Aspen	7	Pole/Log	9																																																	
Black/Red (Hybrid) Oak	30	Pole	8																																																	
White Pine	55	Pole/Log/Sap	9	28																																																
Jack Pine	2	Pole/Log	9																																																	
Red Maple	6	Pole/Sap/Log	8																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																	
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling																																																	
Red Maple	Low	>20 feet	Sapling																																																	
White Pine	Low	10 - 20 feet	Sapling																																																	
77	622 - Lowland Shrub	Nonstocked	9.8		Unspecified	No	This is the flood plain of Wells creek. It is an almost pure lowland shrubs stand except the slopes. The slopes have numerous springs in them.																																													
78	6225 - Bog	Nonstocked	9.6		Unspecified	No	This stand is a series of swales between slight ridges. It is heavy to leather leaf.																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
79	4130 - Aspen	Sapling Medium	12.3	14	Immature	N/A	The regeneration is coming in good. The stand was harvested in Wells Creek Aspen, sale 73-005-08. The cut was completed in 6/2010. It is hard to tell whether the stand is upland or lowland. It is close to 50/50 mix. The terrain is hummocky. The crown closure goes from 50% to 100%, with an average around 70%. The more open areas are the wet pockets.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		10	Sapling	2			
Quaking Aspen		30	Sapling	2	14		
Bigtooth Aspen		40	Sapling	2	14		
Paper Birch		5	Sapling	1			
Black/Red (Hybrid) Oak		15	Sapling	2			
80	4130 - Aspen	Sapling Well	44.6	11	Immature	N/A	The stand was harvested during the winter of 2012/2013. The stand is moderately well stocked overall. There are areas that are open. Most of the openings are in the wetter ground and located in the west half of the stand. The aspen is predominantly quaking. The oak is predominantly black oak. There is red maple throughout the stand. The crown closure goes from 15% to 100%. The average is between 70 to 80%.
Canopy Species		% Cover	Size Class	DBH	Age		
Black/Red (Hybrid) Oak		1	Log	12			
White Oak		1	Log	12			
Quaking Aspen		70	Sapling	1	11		
Black/Red (Hybrid) Oak		5	Sapling	1			
White Oak		3	Sapling	1			
Red Maple		20	Sapling	1			
81	6220 - Alder/willow	Nonstocked	12.2		Immature	No	The stand is in a depression. It is predominantly tag alder and willow with some scattered swamp hardwoods.
82	6113 - Lowland Maple	Poletimber Well	3.3	49	51-80	N/A	The stand is a slight swale that is predominantly maple poles. There are a few upland pockets but they are very small.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		67	Pole/Sap/Log	8	49		
Paper Birch		6	Pole/Sapling	7			
Black/Red (Hybrid) Oak		10	Pole/Sap/Log	8			
Quaking Aspen		17	Pole/Log	9			
Sub-Canopy Species		Density	Avg. Height	Size			
Michigan Holly		Medium	5 - 10 feet	Tall Shrub			
Tag Alder		Low	5 - 10 feet	Tall Shrub			
Black/Red (Hybrid) Oak		Low	>20 feet	Sapling			
Red Maple		Medium	>20 feet	Sapling			
83	6229 - Mixed lowland shrub	Nonstocked	1.2		Unspecified	No	The stand is a depression along the base of a ridge. The edges are tag alder and the center is more marsh grass.
84	4131 - Aspen, Oak	Sapling Poor	12.3	6	Immature	N/A	The stand was harvested in C126 Mix, sale 73-008-16, in July of 2018. It is a ridge. The upland portion of the stand has regenerated quite well. The lower areas have not regenerated well and the terrain is hummocky. Overall, the stocking is medium. The areas of sparse regeneration often have oak seedlings that are not established. Most of these are below the height of the bracken ferns of they are hard to see.
Canopy Species		% Cover	Size Class	DBH	Age		
Paper Birch		7	Sapling	1			
Black/Red (Hybrid) Oak		26	Sapling	1			
Bigtooth Aspen		58	Sapling	1	6		
Red Maple		7	Sapling	1			
White Oak		2	Sapling	1			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
85	42110 - Planted Red Pine	Sapling Poor	6.9	10	Immature	N/A	The stand was harvested in the winter of 2012/2013 and has an FTP 73-805 to trench and plant red pine. It was planted in the spring of 2015. Gallagher 06/2019 treatment update - red pine was replanted in 05/2019. The Seed lot, ONCR601, 1 - 0. 10/18/2019 as per regeneration check fire officers recommends no further treatment is needed. The stand was surveyed again in FY 2021 by contractors. They found gaps of mortality with planting rows 10+ feet apart. Surviving red pine is growing vigorously. Agreed to accept current red pine stocking based on planting and survey history. The stand is doing better since the interplanting of pine has brought the stand up to full stocking when the volunteer trees are counted.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Pine		90	Sapling	2	10		
Black/Red (Hybrid) Oak		7	Sapling	1			
Choke Cherry		1	Sapling	1			
White Pine		2	Sapling	1			
86	3102 - Grass	Nonstocked	1.9		Unspecified	No	The stand is a knob that was seeded to grasses.
87	4130 - Aspen	Sapling Medium	4.2	3	Immature	N/A	The stand was harvested in January of 2021, in C126 Mix, sale 73-008-16. There is a significant amount of oak regeneration in the stand, but it is not established. The aspen is in scattered clones. There are some pockets of poor regeneration.
Canopy Species		% Cover	Size Class	DBH	Age		
Quaking Aspen		40	Sapling	1	3		
Black/Red (Hybrid) Oak		5	Log/Pole	12	90		
Bigtooth Aspen		55	Sapling	1	3		
88	4130 - Aspen	Poletimber Medium	5.6	55	81-110	N/A	The stand has a cedar drain that goes through it. The drain runs east to west and it is too wet to harvest, but the stand itself could be harvested as a clear-cut. The drain will need to be painted out. Mark some aspen for retention.
Canopy Species		% Cover	Size Class	DBH	Age		
White Pine		5	Pole/Sap/Log	7			
Paper Birch		2	Pole	7			
Bigtooth Aspen		75	Pole	9	55		
Red Maple		3	Pole	8			
Black/Red (Hybrid) Oak		10	Log/Pole/XLog	15			
Northern White Cedar		5	Pole/Log	8			
Sub-Canopy Species		Density	Avg. Height	Size			
Black/Red (Hybrid) Oak		Low	10 - 20 feet	Sapling			
White Pine		Low	>20 feet	Sapling			
89	4125 - Black, N. Pin Oak	Poletimber Medium	4.6	89	81-110	N/A	The stand is a mixture of ridges and swales. The lowlands make up about 30% of the stand.
Canopy Species		% Cover	Size Class	DBH	Age		
Red Maple		5	Pole/Sapling	5			
Quaking Aspen		10	Pole	6			
White Pine		10	Pole/Sap/Log	7			
White Oak		10	Pole/Sapling	7			
Black/Red (Hybrid) Oak		60	Pole/Sap/Log	8	89		
Jack Pine		5	Pole	6			
Sub-Canopy Species		Density	Avg. Height	Size			
Black/Red (Hybrid) Oak		Medium	Variable	Sapling			
90	310 - Herbaceous Openland	Nonstocked	14.2		Immature	4122 - Oak, Pine	The stand was harvested in January of 2021, in C126 Mix, sale 73-008-16. There is a 30% mortality in the residual red pine. There is significant oak regeneration, but it is not established. The stand will need to have another check on regeneration.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
91	42110 - Planted Red Pine	Sawtimber Well	17.1	67	81-110	N/A	The stand had a 3rd row thinning. At the current time there is still space between crowns. Therefore, it does not need to be thinned again. The stand was harvested in September of 2018, in C126 Mix, sale 73-008-16. The stand has significant oak regeneration that is not established. Also, in the understory there are pockets of regenerating red pine.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Pine		90	Log/Pole	10	67	Black/Red (Hybrid) Oak		
Red Oak		3	XLog/Log	22		Red Pine		
White Oak		7	XLog/Log	22				
92	4131 - Aspen, Oak	Sapling Well	8.2	23	Immature	N/A	The stand was harvested in 2000, in Wells Crossing, sale 73-006-98. The aspen is thicker along the north cut. It is heavier to oak along the drainage on the south side. The terrain is somewhat hummocky, and lowlands make up about 20%.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		45	Sapling	3	23	Black/Red (Hybrid) Oak		
Black/Red (Hybrid) Oak		38	Sapling	2		Quaking Aspen		
Quaking Aspen		17	Sapling	2	23			
93	42200 - Natural White Pine	Poletimber Well	5.8	55	81-110	N/A	The stand is upland for the most part. It is a little low and wet along the west side.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		5	Pole/Log	9		Black/Red (Hybrid) Oak		
White Pine		70	Pole/Sap/Log	9	55	White Pine		
Red Pine		9	XLog/Log	18				
Red Maple		4	Pole	8				
Black/Red (Hybrid) Oak		12	Pole/Log/Sap	8				
94	42110 - Planted Red Pine	Poletimber Well	4.2	61	111-140	N/A	The stand was harvested in January of 2021, in C126 Mix, sale 73-008-16. There is oak showing up in the understory. However, it is not established. There are also some clones of quaking aspen. Most of the aspen is caused by the encroachment from the neighboring stands.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		2	Sapling/Pole	4		Red Maple		
Red Pine		93	Pole/Log	9	61			
Black/Red (Hybrid) Oak		5	Log	14				
95	4125 - Black, N. Pin Oak	Sapling Well	2.2	21	1-50	N/A	This stand is a small pocket that was clear cut when the surrounding red pine was thinned 20 years ago.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black/Red (Hybrid) Oak		70	Sapling/Pole	3	21			
Red Pine		5	Sapling/Pole	4				
Bigtooth Aspen		25	Sapling/Pole	3				
96	3102 - Grass	Nonstocked	26.8		Unspecified	Managed Opening	Rest Area and cleared portion of I-75.	
97	4130 - Aspen	Sapling Well	30.2	8	Immature	N/A	The stand was harvested in the fall of 2016, in Last Minute Aspen, sale 73-006-12. Natural regeneration survey was done in June 2018. At that time, the deer browse was moderate. The oak regeneration is present, but it was not established. The lowlands are somewhat open, and the crown closure is below 25% in those areas. Currently the regeneration has some good size openings and a crown closure is closer to 75% overall.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		40	Sapling	1				
Bigtooth Aspen		45	Sapling	1	8			
Red Maple		15	Sapling	1				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
98	4126 - White, Black, N. Pin Oak	Sawtimber Medium	18.9	55	1-50	N/A	Portions of the stand are PvCd. The stand is starting to seed in with white oak, jack pine, and red pine. Factor limit the stand for regeneration purposes.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>60</td> <td>Log/XLog</td> <td>17</td> <td>55</td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Pole/Sap/Log</td> <td>8</td> <td>55</td> </tr> <tr> <td>White Oak</td> <td>23</td> <td>Log</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>9</td> <td>Pole</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	60	Log/XLog	17	55	White Pine	8	Pole/Sap/Log	8	55	White Oak	23	Log	13		Red Maple	9	Pole	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	High	Variable	Sapling	White Oak	Low	Variable	Sapling								
Canopy Species	% Cover	Size Class	DBH	Age																																												
Black/Red (Hybrid) Oak	60	Log/XLog	17	55																																												
White Pine	8	Pole/Sap/Log	8	55																																												
White Oak	23	Log	13																																													
Red Maple	9	Pole	9																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Black/Red (Hybrid) Oak	High	Variable	Sapling																																													
White Oak	Low	Variable	Sapling																																													
99	6120 - Lowland Cedar	Poletimber Medium	7.1	130	81-110	N/A	There is significant tag alder in the center of the stand. The crown closure goes from 100% down to 0. The average is around 70%. The edges are tamarack/maple.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>60</td> <td>Pole/Sap/Log</td> <td>8</td> <td>130</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>28</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Pole/Log/Sap	8		Northern White Cedar	60	Pole/Sap/Log	8	130	Paper Birch	2	Pole/Sapling	7		Tamarack	28	Pole/Log/Sap	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	>20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Balsam Fir	Low	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	10	Pole/Log/Sap	8																																													
Northern White Cedar	60	Pole/Sap/Log	8	130																																												
Paper Birch	2	Pole/Sapling	7																																													
Tamarack	28	Pole/Log/Sap	9																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tamarack	Low	>20 feet	Sapling																																													
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																													
Balsam Fir	Low	10 - 20 feet	Sapling																																													
100	6113 - Lowland Maple	Poletimber Medium	5.2	91	51-80	N/A	The stand is a drainage. The ash, birch, and aspen have died out. What is left is mainly maple. The understory is tag alder and it is thick in places.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Pole/Sap/Log</td> <td>9</td> <td>91</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	100	Pole/Sap/Log	9	91	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Low	10 - 20 feet	Sapling	Balsam Fir	Low	5 - 10 feet	Sapling	Tamarack	Low	10 - 20 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	100	Pole/Sap/Log	9	91																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Northern White Cedar	Low	10 - 20 feet	Sapling																																													
Balsam Fir	Low	5 - 10 feet	Sapling																																													
Tamarack	Low	10 - 20 feet	Sapling																																													
101	6113 - Lowland Maple	Sawtimber Poor	9.1	77	1-50	N/A	The stand has a major drainage through it. The soils are very wet. All the ash is dead, and the crown closure is now right around 50%. Most of the overstory is maple but there is some oak along the edges. It is too wet to manage.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>15</td> <td>Log/Pole/Sap</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>85</td> <td>Log/Pole/Sap</td> <td>13</td> <td>77</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	15	Log/Pole/Sap	13		Red Maple	85	Log/Pole/Sap	13	77	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Deciduous Saplings</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Deciduous Saplings	Low	Variable	Sapling	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																												
White Pine	15	Log/Pole/Sap	13																																													
Red Maple	85	Log/Pole/Sap	13	77																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																													
Deciduous Saplings	Low	Variable	Sapling																																													
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																													
102	6229 - Mixed lowland shrub	Nonstocked	7.1	0	Immature	No	The stand is wet. It was harvested in July of 2021, in sale C126 Mix, sale 73-008-16. The stand is starting to regenerate. Currently the oak is not established being less than 2' tall. The tamarack has been seeding in. However, most are this year's germination, so they would not be considered established.																																									
103	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	54.4	11	Immature	N/A	The stand was harvested 7/2013, in Powerline Harvest, sale 73-019-10. The harvest has started to regenerate. Deer browse is heavy. About 50% of the trees that were marked for retention have blown down. The soils are a mixture of uplands and lowlands. The lowlands have marsh grass for ground cover and regeneration is poor. On the upland it is fair. The southeast corner of the stand was left uncut as retention. The became stand 120.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Sapling	1	11	Tamarack	5	Sapling	1		Quaking Aspen	10	Sapling	1	11	White Pine	10	Sapling	1		Black/Red (Hybrid) Oak	55	Sapling	1	11	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub							
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	20	Sapling	1	11																																												
Tamarack	5	Sapling	1																																													
Quaking Aspen	10	Sapling	1	11																																												
White Pine	10	Sapling	1																																													
Black/Red (Hybrid) Oak	55	Sapling	1	11																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Low	5 - 10 feet	Tall Shrub																																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																															
104	4199 - Other Mixed Upland Deciduous	Sapling Poor	31.6	3	Immature	N/A	The stand was harvested in January of 2021, in C126 Mix, in sale 73-008-16. The stand has scattered oak and pine residual. It has started to regenerate. There is a significant amount of quaking aspen regeneration and some oak stump sprouts. There is also a lot of oak seedlings that are not established.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>8</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>38</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Choke Cherry</td> <td>7</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Oak</td> <td>2</td> <td>Log/XLog</td> <td>16</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>38</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>11</td> <td>78</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Pine	8	Sapling/Pole	3		Quaking Aspen	38	Sapling	1	3	Choke Cherry	7	Sapling	1		White Oak	2	Log/XLog	16		White Oak	5	Sapling	1	3	Black/Red (Hybrid) Oak	38	Sapling	1		Black/Red (Hybrid) Oak	2	Log	11	78	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub		
Canopy Species	% Cover	Size Class	DBH	Age																																																		
White Pine	8	Sapling/Pole	3																																																			
Quaking Aspen	38	Sapling	1	3																																																		
Choke Cherry	7	Sapling	1																																																			
White Oak	2	Log/XLog	16																																																			
White Oak	5	Sapling	1	3																																																		
Black/Red (Hybrid) Oak	38	Sapling	1																																																			
Black/Red (Hybrid) Oak	2	Log	11	78																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub																																																			
105	710 - Sand, Soil	Nonstocked	1.9	0	Unspecified		The site is an exploratory oil well that came up dry.																																															
106	4130 - Aspen	Sapling Well	8.5	3	Immature	N/A	The stand was harvested in April 2021, in sale C126 Mix, in sale 73-008-16. It has regenerated well. There are openings scattered throughout the stand. There is also oak, and pine scattered. However, most of the oak and pine is below the height of the bracken fern. Therefore, it is not established and hard to see.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Choke Cherry</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>4</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	60	Sapling	1	3	Quaking Aspen	20	Sapling	1	3	Choke Cherry	8	Sapling	1		Red Maple	8	Sapling	1		Black/Red (Hybrid) Oak	4	Sapling	1																							
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Bigtooth Aspen	60	Sapling	1	3																																																		
Quaking Aspen	20	Sapling	1	3																																																		
Choke Cherry	8	Sapling	1																																																			
Red Maple	8	Sapling	1																																																			
Black/Red (Hybrid) Oak	4	Sapling	1																																																			
107	500 - Water	Nonstocked	11.9		Unspecified	No	This is a borrow pit.																																															
108	330 - Low-Density Trees	Nonstocked	3.5		Unspecified	No	The stand was harvested in January of 2010, in Pine Selection, sale 73-004-08. The stand has not really regenerated much right now. The crown closure is between 15 and 20%. The trees are mainly jack pine, cherry, and some quaking aspen. Oaks are showing up but they are not established. Aspens are encroaching because of the harvest nearby.																																															
109	6229 - Mixed lowland shrub	Nonstocked	16.1		Immature	No	The stand is a drainage that is heavy to tag alder. There are some open pockets of marsh.																																															
110	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Medium	26.9	55	51-80	N/A	This site is not an aspen site. The aspen has poor form. The soils are quite wet. Let the site naturally convert to oak. The stand has pockets of tag alder. Therefore, the stand is a mix of uplands and lowlands.																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>18</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>37</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>41</td> <td>Pole/Sap/Log</td> <td>8</td> <td>55</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	18	Pole	7		Paper Birch	4	Pole	7		White Pine	37	Pole/Sap/Log	8		Black/Red (Hybrid) Oak	41	Pole/Sap/Log	8	55	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling	White Pine	Low	>20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																																		
Quaking Aspen	18	Pole	7																																																			
Paper Birch	4	Pole	7																																																			
White Pine	37	Pole/Sap/Log	8																																																			
Black/Red (Hybrid) Oak	41	Pole/Sap/Log	8	55																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																			
Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling																																																			
White Pine	Low	>20 feet	Sapling																																																			
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																			
111	6229 - Mixed lowland shrub	Nonstocked	3.8		Unspecified	No	This stand is mainly a depression of tag alder and willow with some scattered lowland hardwoods.																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
112	4310 - Pine, Oak Mix	Poletimber Well	45.7	55	81-110	N/A	The stand is entirely upland. The east half is a little moister than the west half. The west side has a habitat type of PVCd, the east is PARHa. There is both oak and pine in the understory.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>7</td> <td>55</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole/Log/Sap</td> <td>8</td> <td>55</td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>35</td> <td>Pole/Sap/Log</td> <td>8</td> <td>55</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole	7	55	Black/Red (Hybrid) Oak	30	Pole/Log/Sap	8	55	White Oak	15	Pole/Sap/Log	8		White Pine	35	Pole/Sap/Log	8	55	Red Pine	10	Pole/Log/Sap	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Cherry (spp.)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	White Pine	Medium	10 - 20 feet	Sapling	Cherry (spp.)	Low	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	10	Pole	7	55																																													
Black/Red (Hybrid) Oak	30	Pole/Log/Sap	8	55																																													
White Oak	15	Pole/Sap/Log	8																																														
White Pine	35	Pole/Sap/Log	8	55																																													
Red Pine	10	Pole/Log/Sap	8																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																														
White Pine	Medium	10 - 20 feet	Sapling																																														
Cherry (spp.)	Low	5 - 10 feet	Sapling																																														
113	4125 - Black, N. Pin Oak	Sapling Poor	8.4	15	Immature	N/A	The stand looks like it was harvested retaining pine 4 inches in smaller. It has regenerated. The regeneration is oak and it is patchy.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>60</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	60	Sapling	2	15	White Pine	15	Sapling/Pole	3		Red Maple	10	Sapling	2		White Oak	15	Sapling	1																								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	60	Sapling	2	15																																													
White Pine	15	Sapling/Pole	3																																														
Red Maple	10	Sapling	2																																														
White Oak	15	Sapling	1																																														
114	4131 - Aspen, Oak	Sapling Poor	77.4	6	Immature	N/A	The terrain is slightly hummocky. The stand was harvested in C126 Mix, sale 73-008-16, in July of 2018. The regeneration is mixed going from well to poorly stocked. The species are also variable going from aspen to mixed aspen/oak to oak.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>20</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	20	Sapling	1	6	Quaking Aspen	60	Sapling	1	6	Black/Red (Hybrid) Oak	20	Sapling	1																													
Canopy Species	% Cover	Size Class	DBH	Age																																													
Bigtooth Aspen	20	Sapling	1	6																																													
Quaking Aspen	60	Sapling	1	6																																													
Black/Red (Hybrid) Oak	20	Sapling	1																																														
115	6113 - Lowland Maple	Sapling Medium	18.9	29	1-50	N/A	The stand is a mixture of dense red maple pockets intermixed with tag alder/willow. Tamarack is along the edges. The stand is too wet to manage. The terrain is hummocky.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>65</td> <td>Sapling/Pole</td> <td>3</td> <td>29</td> </tr> <tr> <td>Tamarack</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Pole/Log	8		Red Maple	65	Sapling/Pole	3	29	Tamarack	25	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Full</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	10 - 20 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	10	Pole/Log	8																																														
Red Maple	65	Sapling/Pole	3	29																																													
Tamarack	25	Sapling	2																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
Tag Alder	Full	10 - 20 feet	Tall Shrub																																														
116	4130 - Aspen	Sapling Medium	35.6	3	Immature	N/A	The stand was harvested with a D-7 dozer in 1968. It was then harvested in April 2021, in sale C126 Mix, sale 73-008-16. The stand is regenerating back to what it was prior to the harvest. There are still openings with little regeneration. The crown closure is closer to 75% overall. Most of the oak regeneration is not established.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Sapling	1		Quaking Aspen	30	Sapling	1		Bigtooth Aspen	55	Sapling	1	3																												
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	15	Sapling	1																																														
Quaking Aspen	30	Sapling	1																																														
Bigtooth Aspen	55	Sapling	1	3																																													
117	6220 - Alder/willow	Nonstocked	6.1		Unspecified	No	The stand is a drainage heavy to tag alder with some swamp hardwoods. Beavers are starting to put a dam in front of the Culvert that goes under the road.																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
118	4113 - R.Maple, Conifer	Sawtimber Poor	3.0	77	51-80	N/A	The pine in the stand is along I-75. The stand was harvested in January in 2021, in C126 Mix, sale 73-008-16. There is some regeneration starting. It is mainly maple and oak, but it is not established yet.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>25</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole</td> <td>13</td> <td>77</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	5	Pole/Log/Sap	8		White Pine	25	Log/Pole	12		Red Maple	60	Log/Pole	13	77	Bigtooth Aspen	10	Log/Pole	11		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Deciduous Saplings</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub	Deciduous Saplings	Low	Variable	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	5	Pole/Log/Sap	8																																											
White Pine	25	Log/Pole	12																																											
Red Maple	60	Log/Pole	13	77																																										
Bigtooth Aspen	10	Log/Pole	11																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																											
Deciduous Saplings	Low	Variable	Sapling																																											
119	6113 - Lowland Maple	Poletimber Medium	10.6	97	1-50	N/A	The stand has some mortality. The crown closure has decreased to below 75%. It is mainly the slope going down to the flood plain of Wells Creek.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>74</td> <td>Pole/Log</td> <td>9</td> <td>97</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>24</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	74	Pole/Log	9	97	Black/Red (Hybrid) Oak	24	Pole/Sap/Log	8		White Pine	2	Log/Pole	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Choke Cherry</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Choke Cherry	Low	>20 feet	Sapling	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling						
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	74	Pole/Log	9	97																																										
Black/Red (Hybrid) Oak	24	Pole/Sap/Log	8																																											
White Pine	2	Log/Pole	13																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Medium	>20 feet	Sapling																																											
Choke Cherry	Low	>20 feet	Sapling																																											
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling																																											
120	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	10.8	43	51-80	N/A	Co-dominant trees are around 42 years old, super canopy around 98. The stand has a thick understory of maple. Let the overstory die out, and the understory take over. This stand is the long-term retention of stand 103.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>30</td> <td>Pole/Sap/Log</td> <td>5</td> <td>43</td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td>43</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sap/Log</td> <td>6</td> <td>43</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	30	Pole/Sap/Log	5	43	Paper Birch	15	Pole/Sapling	6		Quaking Aspen	10	Pole	6		Tamarack	20	Pole/Sapling	7	43	Black/Red (Hybrid) Oak	20	Pole/Sap/Log	6	43	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	Variable	Sapling	Black/Red (Hybrid) Oak	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	30	Pole/Sap/Log	5	43																																										
Paper Birch	15	Pole/Sapling	6																																											
Quaking Aspen	10	Pole	6																																											
Tamarack	20	Pole/Sapling	7	43																																										
Black/Red (Hybrid) Oak	20	Pole/Sap/Log	6	43																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Full	Variable	Sapling																																											
Black/Red (Hybrid) Oak	Medium	Variable	Sapling																																											
121	6113 - Lowland Maple	Poletimber Poor	26.5	84	1-50	N/A	The stand has some inclusions of low wet ground, but the stand overall is upland. The stand was harvested in C126 Mix, sale 73-008-16, in September of 2020. The regeneration is coming in but it is all very short so it is not established.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Log/Pole/Sap</td> <td>10</td> <td>84</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	35	Pole/Log	9		Tamarack	5	Log/Pole	11		Red Maple	60	Log/Pole/Sap	10	84	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Black/Red (Hybrid) Oak	Low	Variable	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub						
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	35	Pole/Log	9																																											
Tamarack	5	Log/Pole	11																																											
Red Maple	60	Log/Pole/Sap	10	84																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	Low	Variable	Sapling																																											
Black/Red (Hybrid) Oak	Low	Variable	Sapling																																											
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																											
122	4310 - Pine, Oak Mix	Poletimber Poor	3.0	58	1-50	N/A	The co-dominant red pine was aged. It is 57 years old. The white oak is the same age. The stand goes from seedlings up to logs so it is an uneven age stand. The stand is degraded with significant exposed soil.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td>58</td> </tr> <tr> <td>Red Pine</td> <td>55</td> <td>Pole/Sap/Log</td> <td>9</td> <td>58</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	35	Pole/Sapling	6		White Oak	10	Pole/Sapling	6	58	Red Pine	55	Pole/Sap/Log	9	58																								
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	35	Pole/Sapling	6																																											
White Oak	10	Pole/Sapling	6	58																																										
Red Pine	55	Pole/Sap/Log	9	58																																										
123	6220 - Alder/willow	Nonstocked	3.4		Immature	No	This stand is a drain that is heavy to tag alder and willow with some scattered swamp hardwoods.																																							
124	500 - Water	Nonstocked	11.5		Unspecified	No	The stand is a borrow pit.																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
125	4310 - Pine, Oak Mix	Sapling Medium	26.7	15	Immature	N/A	The stand was harvested in the winter of 2009. It was inter planted with jack pine in 2011, with FTP C73-856. Artificial regeneration has a good survival. There is an abundant natural oak and jack pine regeneration as well as several clones of aspen. The low wet areas in the stand have a lower crown closure. The crown closure ranges from 25 to 100%.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>Choke Cherry</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>55</td> <td>Sapling</td> <td>2</td> <td>15</td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	20	Sapling	1		Quaking Aspen	15	Sapling	2	15	Choke Cherry	2	Sapling	2		Jack Pine	55	Sapling	2	15	White Pine	3	Sapling	2		Red Maple	5	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Leatherleaf</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Sheep Laurel</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	Medium	< 5 feet	Tall Shrub	Sheep Laurel	Medium	< 5 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black/Red (Hybrid) Oak	20	Sapling	1																																																
Quaking Aspen	15	Sapling	2	15																																															
Choke Cherry	2	Sapling	2																																																
Jack Pine	55	Sapling	2	15																																															
White Pine	3	Sapling	2																																																
Red Maple	5	Sapling	2																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Leatherleaf	Medium	< 5 feet	Tall Shrub																																																
Sheep Laurel	Medium	< 5 feet	Tall Shrub																																																
126	6233 - Wet Meadow	Nonstocked	1.0		Unspecified	No	The stand is a depression of cattails, marsh grass, and reeds. At the current time it is dry, but it looks like it holds water in the spring thru early summer.																																												
127	6113 - Lowland Maple	Sawtimber Well	84.2	101	81-110	N/A	The stand was harvested in I-75 Harvest, sale 73-006-10. Uniform oak and maple seedlings in the wetter ground. The uplands have regenerated to some extent. There are some canopy gaps that did not regenerate well. Overall, the stand has moved to an uneven age structure. The soils are Rubicon-Iosco association. Therefore, they are a mix of well drained uplands with poorly drained lowlands.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>80</td> <td>Log/Pole/Sap</td> <td>12</td> <td>101</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	15	Log/Pole/Sap	12		White Pine	5	Pole/Sapling	5		Red Maple	80	Log/Pole/Sap	12	101	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub	Red Maple	High	Variable	Sapling	White Oak	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black/Red (Hybrid) Oak	15	Log/Pole/Sap	12																																																
White Pine	5	Pole/Sapling	5																																																
Red Maple	80	Log/Pole/Sap	12	101																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																																
Red Maple	High	Variable	Sapling																																																
White Oak	Low	5 - 10 feet	Sapling																																																
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																
White Pine	Low	5 - 10 feet	Sapling																																																
128	6139 - Mixed Lowland Forest	Sapling Medium	5.7	23	Immature	N/A	The stand has scattered tamarack and quaking aspen with pockets of tag alder. It has been filling in with tamarack and oak in the open areas. Most of the regeneration is 10 to 15 years old. The age of the co-dominants are 22 years old.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>55</td> <td>Sapling</td> <td>2</td> <td>23</td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	10	Sapling/Pole	4		Black/Red (Hybrid) Oak	10	Sapling	2		Tamarack	55	Sapling	2	23	Red Maple	25	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	10	Sapling/Pole	4																																																
Black/Red (Hybrid) Oak	10	Sapling	2																																																
Tamarack	55	Sapling	2	23																																															
Red Maple	25	Sapling	2																																																
Sub-Canopy Species	Density	Avg. Height	Size																																																
Tag Alder	High	5 - 10 feet	Tall Shrub																																																
129	4310 - Pine, Oak Mix	Sapling Poor	3.3	21	51-80	N/A	The stand is a reclaimed well site that was planted with red pine. The well permit 10237 and 54680 it was plugged 11/05/1945. The red pine was planted at the northwest section of the stand. The rest of the stand is a mix of pole oak, white pine, and choke cherry.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>40</td> <td>Sapling/Pole</td> <td>4</td> <td>21</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>50</td> <td>Sapling/Pole</td> <td>4</td> <td>21</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	40	Sapling/Pole	4	21	Quaking Aspen	10	Sapling/Pole	4		Red Pine	50	Sapling/Pole	4	21																													
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black/Red (Hybrid) Oak	40	Sapling/Pole	4	21																																															
Quaking Aspen	10	Sapling/Pole	4																																																
Red Pine	50	Sapling/Pole	4	21																																															
130	6229 - Mixed lowland shrub	Nonstocked	4.7	0	Unspecified	No	The stand is mainly lowland shrubs with scattered swamp hardwoods.																																												
131	42110 - Planted Red Pine	Sawtimber Well	22.6	67	111-140	N/A	The stand was harvested in C126 Mix, sale 73-008-16, in September of 2018. The harvest took the BA down to 110. There is a lot of oak in the understory. Most of the oak is not tall enough to be considered established.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>90</td> <td>Log/Pole</td> <td>12</td> <td>67</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	5	Log	14		White Oak	5	Log	14		Red Pine	90	Log/Pole	12	67	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																			
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black/Red (Hybrid) Oak	5	Log	14																																																
White Oak	5	Log	14																																																
Red Pine	90	Log/Pole	12	67																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																															
132	4130 - Aspen	Sapling Well	10.5	11	Immature	N/A	The stand was cut in the winter 2013/2014. Natural regeneration survey was done June 2018. The terrain is hummocky. The stand density is variable going from 0 to 100%. The eastern edge did not regenerate well.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	15	Sapling	1		Quaking Aspen	55	Sapling	1	11	Black/Red (Hybrid) Oak	10	Sapling	1		Red Maple	20	Sapling	1																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Bigtooth Aspen	15	Sapling	1																																																																			
Quaking Aspen	55	Sapling	1	11																																																																		
Black/Red (Hybrid) Oak	10	Sapling	1																																																																			
Red Maple	20	Sapling	1																																																																			
133	6112 - Lowland Aspen	Sapling Medium	6.4	11	Immature	N/A	The stand was cut in the winter 2013/2014. Natural regeneration survey was done June 2018. The terrain is hummocky. The stand density is variable going from 0 to 100%. The aspen is in clones with scattered tag alder and open ground. The eastern edge is sparse.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	55	Sapling	1	11	Black/Red (Hybrid) Oak	10	Sapling	1		Bigtooth Aspen	15	Sapling	1		Red Maple	20	Sapling	1																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Quaking Aspen	55	Sapling	1	11																																																																		
Black/Red (Hybrid) Oak	10	Sapling	1																																																																			
Bigtooth Aspen	15	Sapling	1																																																																			
Red Maple	20	Sapling	1																																																																			
134	4119 - Mixed Northern Hardwoods	Poletimber Medium	11.0	55	51-80	N/A	The stand is a mix of uplands and lowlands. The lowlands are extremely soft. The terrain is hummocky. Oak, tamarack, and maple are seeding into the open areas.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>7</td> <td>Pole/Sapling</td> <td>7</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> <td>Tamarack</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>7</td> <td></td> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>65</td> <td>Pole/Sap/Log</td> <td>9</td> <td>55</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Quaking Aspen	7	Pole/Sapling	7		Red Maple	Medium	>20 feet	Sapling	Tamarack	10	Pole/Sapling	7		Tamarack	Medium	>20 feet	Sapling	Paper Birch	5	Pole	7		White Oak	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	10	Pole/Sap/Log	9		Tag Alder	Medium	5 - 10 feet	Tall Shrub	White Pine	3	Log/Pole/Sap	10		Black/Red (Hybrid) Oak	Medium	Variable	Sapling	Red Maple	65	Pole/Sap/Log	9	55				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																																														
Quaking Aspen	7	Pole/Sapling	7		Red Maple	Medium	>20 feet	Sapling																																																														
Tamarack	10	Pole/Sapling	7		Tamarack	Medium	>20 feet	Sapling																																																														
Paper Birch	5	Pole	7		White Oak	Low	5 - 10 feet	Sapling																																																														
Black/Red (Hybrid) Oak	10	Pole/Sap/Log	9		Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																														
White Pine	3	Log/Pole/Sap	10		Black/Red (Hybrid) Oak	Medium	Variable	Sapling																																																														
Red Maple	65	Pole/Sap/Log	9	55																																																																		
135	6229 - Mixed lowland shrub	Nonstocked	12.5		Unspecified	No	This is a drainage that is heavy to tag alder and willow with some lowland hardwoods.																																																															
136	4131 - Aspen, Oak	Poletimber Well	10.3	31	1-50	N/A	The stand is transitioning into poles. It currently has a low-density of poles. It has a medium to full stocked understory of saplings. The oak and maple are along the perimeter and aspen is in the central portion.																																																															
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td>31</td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>55</td> <td>Pole/Sapling</td> <td>5</td> <td>31</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	25	Sapling	3		Quaking Aspen	15	Sapling/Pole	3	31	Red Maple	5	Sapling	3		Bigtooth Aspen	55	Pole/Sapling	5	31																																						
Canopy Species	% Cover	Size Class	DBH	Age																																																																		
Black/Red (Hybrid) Oak	25	Sapling	3																																																																			
Quaking Aspen	15	Sapling/Pole	3	31																																																																		
Red Maple	5	Sapling	3																																																																			
Bigtooth Aspen	55	Pole/Sapling	5	31																																																																		
137	6229 - Mixed lowland shrub	Nonstocked	2.2		Unspecified	No	This is a depression of tag alder.																																																															



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																								
138	6120 - Lowland Cedar	Poletimber Well	7.5	130	111-140	N/A	There is a creek that flows through the stand. Along it the trees thin out. This area is heavier to tag alder. The area in the central portion of the stand is Cedar. The edges are maple and balsam fir. The understory is balsam fir in a lot of the stand.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>17</td> <td>Pole</td> <td>8</td> <td>70</td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Northern White Cedar</td> <td>66</td> <td>Pole/Sap/Log</td> <td>8</td> <td>130</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>2</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	17	Pole	8	70	Balsam Fir	10	Sapling/Pole	4		Northern White Cedar	66	Pole/Sap/Log	8	130	White Pine	2	Log	12		Tamarack	2	Pole/Log/Sap	9		Paper Birch	3	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Michigan Holly</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Northern White Cedar	Medium	>20 feet	Sapling	Balsam Fir	High	10 - 20 feet	Sapling	Tamarack	Low	>20 feet	Sapling	Michigan Holly	Low	5 - 10 feet	Tall Shrub	Tag Alder	Low	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Red Maple	17	Pole	8	70																																																											
Balsam Fir	10	Sapling/Pole	4																																																												
Northern White Cedar	66	Pole/Sap/Log	8	130																																																											
White Pine	2	Log	12																																																												
Tamarack	2	Pole/Log/Sap	9																																																												
Paper Birch	3	Pole	7																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Northern White Cedar	Medium	>20 feet	Sapling																																																												
Balsam Fir	High	10 - 20 feet	Sapling																																																												
Tamarack	Low	>20 feet	Sapling																																																												
Michigan Holly	Low	5 - 10 feet	Tall Shrub																																																												
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																												
139	4130 - Aspen	Sapling Medium	15.9	3	Immature	N/A	The stand was harvested in May 2021, in C126 Mix, sale 73-008-16. The regeneration is patchy. The crown closure is around 60%. The oak regeneration is not established.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Choke Cherry</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Bigtooth Aspen	35	Sapling	1	3	Red Maple	10	Sapling	1		Quaking Aspen	35	Sapling	1	3	Choke Cherry	20	Sapling	1																																					
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Bigtooth Aspen	35	Sapling	1	3																																																											
Red Maple	10	Sapling	1																																																												
Quaking Aspen	35	Sapling	1	3																																																											
Choke Cherry	20	Sapling	1																																																												
140	6121 - Tamarack	Poletimber Medium	3.6	70	1-50	N/A	The stand is a drainage basin. It is too wet to treat. There is heavy to tag alder mixed in with cedar and tamarack along with some maple.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern White Cedar</td> <td>15</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>73</td> <td>Pole/Log</td> <td>9</td> <td>70</td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>8</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Northern White Cedar	15	Pole/Log	9		Tamarack	73	Pole/Log	9	70	Paper Birch	4	Pole/Sapling	7		Red Maple	8	Pole/Sap/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	10 - 20 feet	Tall Shrub	Red Maple	Low	>20 feet	Sapling																						
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Northern White Cedar	15	Pole/Log	9																																																												
Tamarack	73	Pole/Log	9	70																																																											
Paper Birch	4	Pole/Sapling	7																																																												
Red Maple	8	Pole/Sap/Log	8																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Tag Alder	High	10 - 20 feet	Tall Shrub																																																												
Red Maple	Low	>20 feet	Sapling																																																												
141	710 - Sand, Soil	Nonstocked	0.5	0	Unspecified		The stand is an old oil well site that is being reclaimed.																																																								
142	4191 - Mixed Upland Deciduous with Conifer	Poletimber Poor	24.1	55	1-50	N/A	The stand was harvested in C126 Mix, sale 73-008-16. The harvest was completed in August of 2022. The regeneration from the harvest is patchy and the pine, oak, and maple is not established. The aspen regeneration is in several clones.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>28</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black Spruce</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Balsam Fir</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>32</td> <td>Pole/Sap/Log</td> <td>7</td> <td>55</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	28	Sapling/Pole	3		Black Spruce	5	Pole/Sapling	7		Balsam Fir	10	Pole	8		Black/Red (Hybrid) Oak	32	Pole/Sap/Log	7	55	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Balsam Fir</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black Spruce</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	Balsam Fir	Medium	10 - 20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling	Black Spruce	Low	10 - 20 feet	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Red Maple	28	Sapling/Pole	3																																																												
Black Spruce	5	Pole/Sapling	7																																																												
Balsam Fir	10	Pole	8																																																												
Black/Red (Hybrid) Oak	32	Pole/Sap/Log	7	55																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Red Maple	Low	10 - 20 feet	Sapling																																																												
Balsam Fir	Medium	10 - 20 feet	Sapling																																																												
White Pine	Low	10 - 20 feet	Sapling																																																												
Black Spruce	Low	10 - 20 feet	Sapling																																																												
143	6113 - Lowland Maple	Sapling Well	24.4	31	1-50	N/A	The aspen is stunted, and it is only poles. The water table is high. The stand looks like it could be manageable. Currently there is a very thick under story of red maple. This should be left to replace the stand. Most of it is single stem and looks healthy unlike the aspen. The terrain is hummocky and there are inclusions of lowland shrubs.																																																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>75</td> <td>Sapling/Pole</td> <td>4</td> <td>31</td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>6</td> <td>65</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	75	Sapling/Pole	4	31	Paper Birch	10	Sapling/Pole	3		Quaking Aspen	10	Pole	6	65	Tamarack	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	>20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																											
Red Maple	75	Sapling/Pole	4	31																																																											
Paper Birch	10	Sapling/Pole	3																																																												
Quaking Aspen	10	Pole	6	65																																																											
Tamarack	5	Pole	6																																																												
Sub-Canopy Species	Density	Avg. Height	Size																																																												
Red Maple	Full	>20 feet	Sapling																																																												
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
144	4131 - Aspen, Oak	Poletimber Well	12.7	34	51-80	N/A	The stand is uplands. The trees are converting over to poles. The overstory still has a large component of saplings.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>9</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>5</td> <td>34</td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	9	Pole/Sapling	5		White Pine	2	Pole/Sapling	6		Black/Red (Hybrid) Oak	20	Sapling	3		Bigtooth Aspen	45	Pole/Sapling	5	34	Red Maple	20	Sapling	3		Paper Birch	4	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	9	Pole/Sapling	5																																																		
White Pine	2	Pole/Sapling	6																																																		
Black/Red (Hybrid) Oak	20	Sapling	3																																																		
Bigtooth Aspen	45	Pole/Sapling	5	34																																																	
Red Maple	20	Sapling	3																																																		
Paper Birch	4	Sapling	2																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Red Maple	Low	>20 feet	Sapling																																																		
Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling																																																		
145	710 - Sand, Soil	Nonstocked	0.6	0	Unspecified		The stand is an old oil well site that is being reclaimed.																																														
146	6229 - Mixed lowland shrub	Nonstocked	2.5	0	Unspecified	No	This is a depression that is heavy to michigan holly and tag alder.																																														
147	4125 - Black, N. Pin Oak	Sawtimber Medium	17.4	78	51-80	N/A	Harvest the stand as a seed tree harvest retaining 10-20 BA of oak and pine. Harvest the aspen to 2 inches DBH, cut the oak and pine down to 4 inches DBH.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>68</td> <td>Log/Pole/Sap</td> <td>10</td> <td>78</td> </tr> <tr> <td>White Pine</td> <td>12</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>18</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	68	Log/Pole/Sap	10	78	White Pine	12	Log/Pole	12		Red Pine	2	Log/Pole	13		Quaking Aspen	18	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Pine	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black/Red (Hybrid) Oak	68	Log/Pole/Sap	10	78																																																	
White Pine	12	Log/Pole	12																																																		
Red Pine	2	Log/Pole	13																																																		
Quaking Aspen	18	Log/Pole	10																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
White Pine	Low	10 - 20 feet	Sapling																																																		
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																																		
148	6113 - Lowland Maple	Sawtimber Poor	18.4	99	1-50	N/A	The stand has a drainage through it. It is also too wet to treat. All the ash is dead. The oak and maple are seeding in along with a little bit of birch.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>85</td> <td>Log/Pole/XLog</td> <td>14</td> <td>99</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Pole/Log	9		Paper Birch	10	Pole	8		Red Maple	85	Log/Pole/XLog	14	99	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Balsam Poplar</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	High	Variable	Sapling	Balsam Poplar	Medium	10 - 20 feet	Sapling														
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Quaking Aspen	5	Pole/Log	9																																																		
Paper Birch	10	Pole	8																																																		
Red Maple	85	Log/Pole/XLog	14	99																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																																		
Red Maple	High	Variable	Sapling																																																		
Balsam Poplar	Medium	10 - 20 feet	Sapling																																																		
149	6229 - Mixed lowland shrub	Nonstocked	1.6		Unspecified	No	This is a depression of tag alder.																																														
150	4125 - Black, N. Pin Oak	Sapling Poor	32.2	3	Immature	N/A	The stand was harvested in C126 Mix, sale 73-008-16, in September of 2018. The stand is starting to regenerate though it is sparse in the southern portion. The regeneration is much better in the northern 2/3. Much of the oak is not established. Therefore, the stand is classified as poorly stocked.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log</td> <td>14</td> <td>97</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>70</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Log	14	97	White Oak	5	Sapling	1		Red Maple	10	Sapling	1		Black/Red (Hybrid) Oak	70	Sapling	1	3																											
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Black/Red (Hybrid) Oak	15	Log	14	97																																																	
White Oak	5	Sapling	1																																																		
Red Maple	10	Sapling	1																																																		
Black/Red (Hybrid) Oak	70	Sapling	1	3																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
151	6112 - Lowland Aspen	Poletimber Medium	47.1	59	81-110	N/A	Much of the stand is very wet with alder and swamp grass ground cover. The stand is predominantly lowland. There are some upland portions. The uplands make up about 30% of the stand. The aspen in the stand appears to be declining.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Black/Red (Hybrid) Oak		20	Pole/Log/Sap	8		Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling
Red Maple		40	Pole/Sapling	5		Red Maple		High	10 - 20 feet	Sapling
Quaking Aspen		40	Pole/Log/Sap	9	59	Tag Alder		Medium	10 - 20 feet	Tall Shrub
152	629 - Mixed non-forested wetland	Nonstocked	9.1		Unspecified	No	Most of the lowland is starting to regenerate. When the area was harvested beavers were blocking the culvert. This reset the trees and shrubs behind it.			
153	6229 - Mixed lowland shrub	Nonstocked	2.3	0	Unspecified	No	The stand is very wet with alder and swamp grass ground cover.			
154	6113 - Lowland Maple	Sawtimber Medium	5.5	105	51-80	N/A	The stand is wet. The ash is gone. The stand was harvested in C126 Mix, sale 73-008-16, in September 2020.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Maple		100	XLog/Log	18	105	Red Maple		Low	>20 feet	Sapling
						Tag Alder		Low	10 - 20 feet	Tall Shrub
						Ash (spp.)		Low	>20 feet	Pole
156	6121 - Tamarack	Sawtimber Poor	3.2	90	81-110	N/A	The flooding from stand 152 has killed off some of the tamarack and cedar. There are still a few pockets that are a little higher that the tamarack is holding on.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Tamarack		85	Log/Pole/Sap	10	90	Tag Alder		Full	5 - 10 feet	Tall Shrub
Northern White Cedar		15	Pole/Log/Sap	9	130					
157	4131 - Aspen, Oak	Poletimber Poor	9.3	17	1-50	N/A	The stand was harvested in Lame Duck Oak, sale 73-011-05, in the summer 2007. The oak was cut to 4-inch DBH. There are a few aspen clones showing up. Hybrid oak, white oak, and tamarack are seeding into the openings.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		Density	Avg. Height	Size
Red Pine		10	Log/Pole/Sap	12		Black/Red (Hybrid) Oak		Low	5 - 10 feet	Sapling
Quaking Aspen		20	Sapling	2	17					
Bigtooth Aspen		25	Sapling	2	17					
Black/Red (Hybrid) Oak		40	Pole/Sap/Log	8	53					
Paper Birch		5	Sapling	2						
158	6139 - Mixed Lowland Forest	Sapling Medium	6.8	35	1-50	N/A	The stand has about 25% uplands.			
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	
Red Maple		3	Sapling	3		Tag Alder	Medium	5 - 10 feet	Tall Shrub	
Quaking Aspen		29	Sapling	3		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	
Black/Red (Hybrid) Oak		15	Sapling	2						
Tamarack		49	Sapling	2	35					
Red Pine		2	Sapling/Pole	4						
White Oak		2	Sapling	3						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																													
159	6224 - Treed Bog	Nonstocked	1.6		Unspecified	No	The stand is a treed bog with a crown closure around 15%. The main species are quaking aspen, hybrid oak, red pine, jack pine, tamarack, and white pine. The understory is leather leaf and dog wood.																																													
160	310 - Herbaceous Openland	Nonstocked	1.1		Unspecified		Well site permit 10418 plugged 7/6/1945. The stand is mainly open. It is poverty grass, sweet fern, and bracken fern. There is some willow shrub, white pine, red pine, and oak is starting to seed into the stand.																																													
162	4130 - Aspen	Sapling Medium	18.4	3	Immature	N/A	The stand was harvested in May 2021, in sale C126 Mix, in sale 73-008-16. The stand is regenerating to what it was before the harvest. The aspen is a mix of bigtooth on the dryer ground, and quaking aspen in the lower areas. There is oak and maple regeneration as well. The understory oak and maple are small and not established.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Choke Cherry</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>3</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Choke Cherry	15	Sapling	1		Quaking Aspen	35	Sapling	1	3	Red Maple	10	Sapling	1		Bigtooth Aspen	40	Sapling	1	3																				
Canopy Species	% Cover	Size Class	DBH	Age																																																
Choke Cherry	15	Sapling	1																																																	
Quaking Aspen	35	Sapling	1	3																																																
Red Maple	10	Sapling	1																																																	
Bigtooth Aspen	40	Sapling	1	3																																																
164	310 - Herbaceous Openland	Nonstocked	9.8		Unspecified		The stand is the ROW of a powerline. The soils go from uplands to lowlands.																																													
165	6220 - Alder/willow	Nonstocked	6.2		Unspecified	No	The stand is a depression on the downriver side of a beaver dam. It is thick to tag alder.																																													
166	42210 - Natural Red Pine	Sawtimber Medium	8.3	59	81-110	N/A	The crown closure goes from 100% down to 15%. The pine is regenerating in the openings along with oak and maple. Under some of the moderately stocked red pine there is a well-stocked layer of red maple and oak in the understory.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>96</td> <td>Log/Pole</td> <td>13</td> <td>59</td> <td>Choke Cherry</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>4</td> <td>Log</td> <td>14</td> <td></td> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Red Pine</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Seeding</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	96	Log/Pole	13	59	Choke Cherry	Low	10 - 20 feet	Sapling	Red Maple	4	Log	14		Red Maple	Medium	10 - 20 feet	Sapling						Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling						Red Pine	Medium	5 - 10 feet	Seeding
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																												
Red Pine	96	Log/Pole	13	59	Choke Cherry	Low	10 - 20 feet	Sapling																																												
Red Maple	4	Log	14		Red Maple	Medium	10 - 20 feet	Sapling																																												
					Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling																																												
					Red Pine	Medium	5 - 10 feet	Seeding																																												
167	4130 - Aspen	Sapling Well	18.9	11	Immature	N/A	The stand was harvested during the winter of 2012/2013. The regeneration is coming in well. There are areas of open ground. Some of this is cause by wetness.																																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Sapling</td> <td>2</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	45	Sapling	2	11	Red Maple	15	Sapling	1		Bigtooth Aspen	25	Sapling	2	11	Black/Red (Hybrid) Oak	10	Sapling	1		White Pine	5	Sapling	1																
Canopy Species	% Cover	Size Class	DBH	Age																																																
Quaking Aspen	45	Sapling	2	11																																																
Red Maple	15	Sapling	1																																																	
Bigtooth Aspen	25	Sapling	2	11																																																
Black/Red (Hybrid) Oak	10	Sapling	1																																																	
White Pine	5	Sapling	1																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																							
169	4125 - Black, N. Pin Oak	Poletimber Well	26.5	55	51-80	N/A	The stand is a set of ridges surrounded by lowland shrub. It is transitioning from poles to logs. There are several wet drains that cross the stand.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>4</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>4</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Oak</td> <td>7</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>3</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>65</td> <td>Pole/Log/Sap</td> <td>9</td> <td>55</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>12</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	4	Pole/Sapling	7		White Pine	4	Pole	7		White Oak	7	Log/Pole/Sap	10		Red Pine	5	Log/Pole	10		Choke Cherry	3	Pole/Sapling	6		Black/Red (Hybrid) Oak	65	Pole/Log/Sap	9	55	Bigtooth Aspen	12	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Red Maple	4	Pole/Sapling	7																																																											
White Pine	4	Pole	7																																																											
White Oak	7	Log/Pole/Sap	10																																																											
Red Pine	5	Log/Pole	10																																																											
Choke Cherry	3	Pole/Sapling	6																																																											
Black/Red (Hybrid) Oak	65	Pole/Log/Sap	9	55																																																										
Bigtooth Aspen	12	Log/Pole	10																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
White Oak	Low	10 - 20 feet	Sapling																																																											
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																																											
White Pine	Low	5 - 10 feet	Sapling																																																											
170	629 - Mixed non-forested wetland	Nonstocked	1.3		Unspecified	No	The stand is mainly tag alder and willow mixed with marsh grass and scattered ash, oak, and aspen.																																																							
172	4139 - Aspen, Mixed Deciduous	Poletimber Well	8.2	35	51-80	N/A	The stand is a matrix of uplands and lowlands. The lowlands make up about 20% of the stand. The stand has some hypoxylon cankers.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Sapling	3		White Pine	15	Pole/Sap/Log	8		Red Maple	20	Sapling/Pole	4		Quaking Aspen	55	Pole/Sapling	5	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Tag Alder	Low	5 - 10 feet	Tall Shrub																						
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Black/Red (Hybrid) Oak	10	Sapling	3																																																											
White Pine	15	Pole/Sap/Log	8																																																											
Red Maple	20	Sapling/Pole	4																																																											
Quaking Aspen	55	Pole/Sapling	5	35																																																										
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																																											
Tag Alder	Low	5 - 10 feet	Tall Shrub																																																											
173	622 - Lowland Shrub	Nonstocked	6.3		Unspecified	No	This stand is predominantly tag alder with some swamp hardwoods over top. It is a transition from stand 114 to 119.																																																							
174	6112 - Lowland Aspen	Poletimber Well	12.4	35	51-80	N/A	The terrain is hummocky. There are lowland pockets and dry ridges. The stand is coming along well.																																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Sapling	5	35	Black/Red (Hybrid) Oak	10	Sapling/Pole	4		Red Maple	20	Pole/Sapling	5		Paper Birch	10	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																										
Canopy Species	% Cover	Size Class	DBH	Age																																																										
Quaking Aspen	60	Pole/Sapling	5	35																																																										
Black/Red (Hybrid) Oak	10	Sapling/Pole	4																																																											
Red Maple	20	Pole/Sapling	5																																																											
Paper Birch	10	Pole/Sapling	5																																																											
Sub-Canopy Species	Density	Avg. Height	Size																																																											
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																																											
175	6220 - Alder/willow	Nonstocked	2.4		Unspecified	No	There are some scattered oaks and maples regenerating in the stand. The crown closure is less than 15%.																																																							
176	629 - Mixed non-forested wetland	Nonstocked	23.6		Immature	No	The stand is a depression of mainly willow and marsh grass. There is not much tree cover. There are several areas of standing water.																																																							
177	6220 - Alder/willow	Nonstocked	14.5		Unspecified	No	The stand is tag alder and willow. The central area is more of a marsh type.																																																							



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																									
178	4126 - White, Black, N. Pin Oak	Poletimber Poor	13.0	55	1-50	N/A	The stand is sparse, and the trees are in pockets. The crown closure goes from 100% down to 10%. It averages around 50%. There is oak regeneration in pockets, but there is also a lot of open space.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>11</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Oak</td> <td>40</td> <td>Pole</td> <td>7</td> <td>55</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>39</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole	8		Red Pine	11	Pole/Log	9		White Oak	40	Pole	7	55	Black/Red (Hybrid) Oak	39	Pole	7	
Canopy Species	% Cover	Size Class	DBH	Age																												
Quaking Aspen	10	Pole	8																													
Red Pine	11	Pole/Log	9																													
White Oak	40	Pole	7	55																												
Black/Red (Hybrid) Oak	39	Pole	7																													
179	310 - Herbaceous Openland	Nonstocked	14.4		Unspecified	No	The stand is a mix of uplands and lowlands. The north side is upland, the south side is lowland. Pines are seeding in but the crown closure is below 15%, except along the power line.																									
180	4136 - Aspen, Mixed Conifer	Poletimber Poor	5.8	55	1-50	N/A	The stand is declining in the aspen. The oak and tamarack are seeding in from the edges. The aspen that is here shows signs of having lots of cavities. The site may be better suited to keep for wildlife.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>8</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>20</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>57</td> <td>Pole/Log/Sap</td> <td>8</td> <td>55</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	8	Sapling/Pole	4		Tamarack	20	Pole/Sap/Log	6		Black/Red (Hybrid) Oak	15	Sapling/Pole	4		Quaking Aspen	57	Pole/Log/Sap	8	55
Canopy Species	% Cover	Size Class	DBH	Age																												
Jack Pine	8	Sapling/Pole	4																													
Tamarack	20	Pole/Sap/Log	6																													
Black/Red (Hybrid) Oak	15	Sapling/Pole	4																													
Quaking Aspen	57	Pole/Log/Sap	8	55																												
181	3301 - Low Density Deciduous Trees	Nonstocked	2.2		Unspecified	No	The stand is a slight ridge that has about 20% crown closure of aspen. There is also some tamarack and maple on the ridge.																									
182	629 - Mixed non-forested wetland	Nonstocked	5.6		Unspecified	No	The stand is a depression of tag alder. There are some scattered trees along the perimeter but not much.																									
183	42110 - Planted Red Pine	Poletimber Medium	1.5	35	51-80	N/A	This is a small red pine plantation. The trees despite their age are a little on the squat side. The stand can be clear-cut. However, it should be held until the aspen in the neighboring stand is ready.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Pole</td> <td>9</td> <td>35</td> <td>Sweet Fern</td> <td>Medium</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	100	Pole	9	35	Sweet Fern	Medium	< 5 feet	Tall Shrub							
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																								
Red Pine	100	Pole	9	35	Sweet Fern	Medium	< 5 feet	Tall Shrub																								
184	4130 - Aspen	Poletimber Medium	5.0	35	51-80	N/A	The stand is mainly a ridge that tapers off into lower areas. The aspen is in multiple clones with open spaces between them. The edges are heavier to tamarack.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>85</td> <td>Pole/Sapling</td> <td>6</td> <td>35</td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	85	Pole/Sapling	6	35	Tamarack	15	Sapling/Pole	3											
Canopy Species	% Cover	Size Class	DBH	Age																												
Bigtooth Aspen	85	Pole/Sapling	6	35																												
Tamarack	15	Sapling/Pole	3																													
185	6229 - Mixed lowland shrub	Nonstocked	49.3		Unspecified	No	This is a large lowland shrub type. At one time there was scattered ash, but they have died off.																									
186	4136 - Aspen, Mixed Conifer	Sapling Poor	10.1	27	Immature	N/A	The aspen regeneration is coming in patchy. The crown closure is closer to 25%. Tamarack, oak, and white pine are seeding in. The stand is almost low-density trees.																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling/Pole</td> <td>4</td> <td>27</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling/Pole</td> <td>2</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Pine	10	Pole/Sapling	5		Tamarack	10	Sapling	2		Quaking Aspen	70	Sapling/Pole	4	27	Black/Red (Hybrid) Oak	10	Sapling/Pole	2	
Canopy Species	% Cover	Size Class	DBH	Age																												
White Pine	10	Pole/Sapling	5																													
Tamarack	10	Sapling	2																													
Quaking Aspen	70	Sapling/Pole	4	27																												
Black/Red (Hybrid) Oak	10	Sapling/Pole	2																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																																		
187	6224 - Treed Bog	Nonstocked	2.6		Unspecified	No	The sand is on the dryer side but it is wet period ground cover is a lot Of herbs and Forbes period the trees that are growing here are camerac most are not even polls yet there's still sapling size period																																																		
188	6112 - Lowland Aspen	Poletimber Poor	7.6	35	51-80	N/A	The stand is a couple of ridges among lowland shrubs. Overall, the stand is too wet to harvest.																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>4</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>46</td> <td>Pole/Sapling</td> <td>6</td> <td>35</td> </tr> <tr> <td>White Oak</td> <td>3</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>41</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> <tr> <td>White Pine</td> <td>4</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	4	Pole/Sap/Log	7		Black/Red (Hybrid) Oak	46	Pole/Sapling	6	35	White Oak	3	Log/XLog/Pole	14		Bigtooth Aspen	41	Pole/Sapling	5	35	White Pine	4	Pole	7		Choke Cherry	2	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Serviceberry (Juneberry)	Low	10 - 20 feet	Tall Shrub	Red Maple	Low	>20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Maple	4	Pole/Sap/Log	7																																																						
Black/Red (Hybrid) Oak	46	Pole/Sapling	6	35																																																					
White Oak	3	Log/XLog/Pole	14																																																						
Bigtooth Aspen	41	Pole/Sapling	5	35																																																					
White Pine	4	Pole	7																																																						
Choke Cherry	2	Sapling/Pole	4																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Serviceberry (Juneberry)	Low	10 - 20 feet	Tall Shrub																																																						
Red Maple	Low	>20 feet	Sapling																																																						
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																																						
189	6121 - Tamarack	Poletimber Well	3.3	55	81-110	N/A	The stand is a dryer draw. It is possible to manage. It would have to be harvested during dry/frozen conditions. However, hold the stand for another 10 years.																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>63</td> <td>Pole/Sapling</td> <td>7</td> <td>55</td> </tr> <tr> <td>Jack Pine</td> <td>24</td> <td>Pole</td> <td>9</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	63	Pole/Sapling	7	55	Jack Pine	24	Pole	9		Red Pine	5	Log/XLog/Pole	14		Black/Red (Hybrid) Oak	8	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	Low	>20 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Tamarack	63	Pole/Sapling	7	55																																																					
Jack Pine	24	Pole	9																																																						
Red Pine	5	Log/XLog/Pole	14																																																						
Black/Red (Hybrid) Oak	8	Pole	8																																																						
Sub-Canopy Species	Density	Avg. Height	Size																																																						
Tamarack	Low	>20 feet	Sapling																																																						
190	6220 - Alder/willow	Nonstocked	27.8		Unspecified	No	The stand is heavy to willow but there is also significant tag alder. There are open areas of marsh grass.																																																		
191	6121 - Tamarack	Poletimber Well	2.1	46	81-110	N/A	The tamarack cored out to be 45 years old. The stand is partially manageable, but a large percentage of the stand is not. Overall, it is too wet to manage.																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>85</td> <td>Pole/Sapling</td> <td>5</td> <td>46</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	85	Pole/Sapling	5	46	Red Maple	15	Pole/Sap/Log	6																																							
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Tamarack	85	Pole/Sapling	5	46																																																					
Red Maple	15	Pole/Sap/Log	6																																																						
192	429 - Mixed Upland Conifers	Sapling Poor	4.8	15	Immature	N/A	The stand has been seeding in with oak, red pine, and tamarack. The crown closure is a little over 30%.																																																		
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>45</td> <td>Sapling</td> <td>3</td> <td>15</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	45	Sapling	3	15	Black/Red (Hybrid) Oak	30	Sapling	3		Tamarack	25	Sapling	3																																		
Canopy Species	% Cover	Size Class	DBH	Age																																																					
Red Pine	45	Sapling	3	15																																																					
Black/Red (Hybrid) Oak	30	Sapling	3																																																						
Tamarack	25	Sapling	3																																																						
193	6220 - Alder/willow	Nonstocked	7.1		Unspecified	No	The stand is mainly tag alder, but it does have a dry knob or ridge. The drier ground runs through the central portion of the stand. The upland portion is too small to map.																																																		
194	500 - Water	Nonstocked	34.0		Unspecified	No	This is the B-Pit.																																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																			
195	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Medium	20.9	16	Immature	N/A	The stand is a mix of uplands and lowlands. There are areas of lowlands that are straight tag alder. There is an old trail in the eastern portion of the stand.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>40</td> <td>Sapling</td> <td>4</td> <td>16</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	25	Sapling	2		Red Maple	35	Sapling	3		Tamarack	40	Sapling	4	16	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub											
Canopy Species	% Cover	Size Class	DBH	Age																																						
Black/Red (Hybrid) Oak	25	Sapling	2																																							
Red Maple	35	Sapling	3																																							
Tamarack	40	Sapling	4	16																																						
Sub-Canopy Species	Density	Avg. Height	Size																																							
Tag Alder	High	5 - 10 feet	Tall Shrub																																							
196	6121 - Tamarack	Sapling Poor	12.4	15	Immature	N/A	The crown closure goes from 100% down to 20%. The average is around 30%. The age of the tamarack goes from 48 down to about 5. Much of the stand is of the younger age group.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>100</td> <td>Sapling/Pole</td> <td>3</td> <td>15</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	100	Sapling/Pole	3	15																															
Canopy Species	% Cover	Size Class	DBH	Age																																						
Tamarack	100	Sapling/Pole	3	15																																						
197	6127 - Lowland Pine	Poletimber Medium	4.8	60	51-80	N/A	The south end is mainly tamarack; the center is more upland red pine; the north end is more lowland quaking aspen. The lowlands make up about 60% of the stand.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>50</td> <td>Pole/Sap/Log</td> <td>7</td> <td>60</td> </tr> <tr> <td>Tamarack</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	50	Pole/Sap/Log	7	60	Tamarack	30	Pole/Sapling	5		Quaking Aspen	20	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub	Tamarack	Medium	5 - 10 feet	Sapling							
Canopy Species	% Cover	Size Class	DBH	Age																																						
Red Pine	50	Pole/Sap/Log	7	60																																						
Tamarack	30	Pole/Sapling	5																																							
Quaking Aspen	20	Pole/Sapling	6																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																							
Tamarack	Medium	5 - 10 feet	Sapling																																							
198	3103 - Rubus-Fern	Nonstocked	1.4		Unspecified	No	The stand is an open knob of bracken fern/blueberry. There are some tamaracks and oaks that are seeding in. It is very sparse.																																			
199	710 - Sand, Soil	Nonstocked	4.5		Unspecified	No	The stand is heavily disturbed in the past by quads and 4-wheel drive trucks. It is slowly healing, but it still has a lot of open bare soil. There is some evidence that people do still get out here. However, the use is far less than in the past.																																			
200	6229 - Mixed lowland shrub	Nonstocked	35.1		Unspecified	No	This stand is a large lowland type with scattered maple and tamarack.																																			
201	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Well	43.3	26	51-80	N/A	The stand was harvested in Connector Road Aspen, sale 73-013-96. It was cut in the fall of 1996. The stand was planted with jack pine. It has regenerated into a matrix of jack pine both natural and planted. This is mixed with large quaking aspen clones, scattered oak, and red pine. There are numerous small vernal ponds scattered throughout the stand. The eastern half has the greatest number of ponds.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>60</td> <td>Sapling/Pole</td> <td>3</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	40	Sapling/Pole	3		Jack Pine	60	Sapling/Pole	3	26																										
Canopy Species	% Cover	Size Class	DBH	Age																																						
Quaking Aspen	40	Sapling/Pole	3																																							
Jack Pine	60	Sapling/Pole	3	26																																						
202	6121 - Tamarack	Poletimber Poor	13.7	55	1-50	N/A	The site is very low and wet. There is significant spangnum moss on the ground.																																			
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>5</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>88</td> <td>Pole</td> <td>8</td> <td>55</td> </tr> <tr> <td>Red Maple</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	10	Pole	5		Tamarack	88	Pole	8	55	Red Maple	2	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Osier Dogwood</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub	Red Maple	Low	10 - 20 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																						
Quaking Aspen	10	Pole	5																																							
Tamarack	88	Pole	8	55																																						
Red Maple	2	Pole/Sapling	6																																							
Sub-Canopy Species	Density	Avg. Height	Size																																							
Tag Alder	Low	5 - 10 feet	Tall Shrub																																							
Red Osier Dogwood	Low	5 - 10 feet	Tall Shrub																																							
Red Maple	Low	10 - 20 feet	Sapling																																							
203	629 - Mixed non-forested wetland	Nonstocked	6.6		Unspecified	No	The stand is a wet meadow that has regenerated some tamarack. The crown closure is a little short of 15%.																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																									
204	6121 - Tamarack	Poletimber Well	1.8	51	111-140	N/A	The stand is very wet and hummocky. It looks like it could be managed in deep winter.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>80</td> <td>Pole/Sapling</td> <td>7</td> <td>51</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Sapling/Pole	3		Black/Red (Hybrid) Oak	5	Pole/Sap/Log	8		Tamarack	80	Pole/Sapling	7	51	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	Variable	Sapling																	
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	15	Sapling/Pole	3																																													
Black/Red (Hybrid) Oak	5	Pole/Sap/Log	8																																													
Tamarack	80	Pole/Sapling	7	51																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Red Maple	Medium	Variable	Sapling																																													
205	6114 - Lowland Oak	Sapling Medium	18.9	27	1-50	N/A	The ash is gone. Tamarack is seeding in quite extensively. The terrain is hummocky. There are pockets of tag alder.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>20</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>65</td> <td>Sapling/Pole</td> <td>3</td> <td>27</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	20	Sapling	3		Black/Red (Hybrid) Oak	65	Sapling/Pole	3	27	Red Maple	15	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																												
Tamarack	20	Sapling	3																																													
Black/Red (Hybrid) Oak	65	Sapling/Pole	3	27																																												
Red Maple	15	Sapling	2																																													
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Low	5 - 10 feet	Tall Shrub																																													
206	4125 - Black, N. Pin Oak	Sawtimber Well	11.6	78	81-110	N/A	The stand is a ridge. The trees go from seedling up to XL log. There is some mortality in the red oak, but it is not in pockets it is more just scattered trees.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>White Oak</td> <td>9</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>3</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>86</td> <td>Log/Pole/XLog</td> <td>12</td> <td>78</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Pole/Sap/Log	9		White Oak	9	Log/XLog/Pole	14		White Pine	3	Pole/Sap/Log	8		Black/Red (Hybrid) Oak	86	Log/Pole/XLog	12	78	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	White Pine	Low	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	2	Pole/Sap/Log	9																																													
White Oak	9	Log/XLog/Pole	14																																													
White Pine	3	Pole/Sap/Log	8																																													
Black/Red (Hybrid) Oak	86	Log/Pole/XLog	12	78																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
White Oak	Low	10 - 20 feet	Sapling																																													
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																													
White Pine	Low	10 - 20 feet	Sapling																																													
207	629 - Mixed non-forested wetland	Nonstocked	3.2		Unspecified	No	This stand is more of a emergent marsh/grass marsh at the current time. The water level is low, but it is still present.																																									
209	6113 - Lowland Maple	Sapling Well	7.3	27	1-50	N/A	The overstory has pretty much died out. The terrain is hummocky and wet.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Sapling/Pole</td> <td>3</td> <td>27</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	100	Sapling/Pole	3	27	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub																											
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Maple	100	Sapling/Pole	3	27																																												
Sub-Canopy Species	Density	Avg. Height	Size																																													
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																													
210	4125 - Black, N. Pin Oak	Sapling Poor	14.6	26	Immature	N/A	The stand has scattered oak and pine. The stand is regenerating. The crown closure goes from 100% down to 5%. It averages around 30%. The tamarack and red pine are seeding into the openings along with some scattered oak.																																									
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>4</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>75</td> <td>Sapling</td> <td>2</td> <td>26</td> </tr> <tr> <td>Tamarack</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>6</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	4	Sapling	2		Black/Red (Hybrid) Oak	75	Sapling	2	26	Tamarack	15	Sapling	1		Choke Cherry	6	Sapling	2																							
Canopy Species	% Cover	Size Class	DBH	Age																																												
Red Pine	4	Sapling	2																																													
Black/Red (Hybrid) Oak	75	Sapling	2	26																																												
Tamarack	15	Sapling	1																																													
Choke Cherry	6	Sapling	2																																													
213	330 - Low-Density Trees	Nonstocked	5.0		Unspecified	No	The stand is an upland knob. Tamarack, oak, and red pine are starting to seed in. The crown closure is about 20% overall.																																									
214	6229 - Mixed lowland shrub	Nonstocked	7.2		Immature	No	All the ash is gone. The stand has converted to lowland shrub. There are a couple pockets of swamp hardwoods still surviving. These are mainly maple.																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
215	4130 - Aspen	Poletimber Medium	5.9	79	51-80	N/A	The stand is a mixture of uplands and lowlands with the uplands being the majority. The lowest ground is in the northwest end. The stand has pine in the southwest end. It also has a few clones of quaking aspen.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Pole/Sapling</td> <td>5</td> <td>79</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	20	Pole/Sap/Log	8		Paper Birch	15	Pole	8		Quaking Aspen	65	Pole/Sapling	5	79	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub	Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Maple	20	Pole/Sap/Log	8																																				
Paper Birch	15	Pole	8																																				
Quaking Aspen	65	Pole/Sapling	5	79																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub																																				
Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub																																				
216	6229 - Mixed lowland shrub	Nonstocked	4.9		Unspecified	No	The stand is a depression along I-75. It is a mix of tag alder and willow.																																
217	4130 - Aspen	Poletimber Medium	4.2	55	Unspecified	N/A	Factor limit the stand as block by physical obstacle. This stand is an island surrounded by lowland shrubs and marsh. The central part of the stand has a good density of trees. The rest of the stand has a much lower density.																																
219	6229 - Mixed lowland shrub	Nonstocked	58.0		Unspecified	No	The stand is mainly tag alder/willow. There are some maple, tamarack, and oak scattered in the stand, but the crown closure is less than 15%.																																
220	42210 - Natural Red Pine	Sawtimber Well	5.2	85	171-200	N/A	Hold for biodiversity. The stand is a natural red pine stand. The trees go from seedlings along the edges to scattered XL logs.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>XLog/Log/Pole</td> <td>18</td> <td>85</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Pine	100	XLog/Log/Pole	18	85																											
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Pine	100	XLog/Log/Pole	18	85																																			
221	4199 - Other Mixed Upland Deciduous	Sawtimber Well	25.6	105	51-80	N/A	The north end of the stand is wet. The crown closure is around 80%. The oak and red maple are filling in the canopy gaps. The aspen is falling out of the stand, so the overstory is now maple/oak.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>XLog/Log</td> <td>18</td> <td>105</td> </tr> <tr> <td>Red Maple</td> <td>45</td> <td>Log/XLog/Pole</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	55	XLog/Log	18	105	Red Maple	45	Log/XLog/Pole	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	10 - 20 feet	Sapling	Tamarack	Low	Variable	Sapling	Black/Red (Hybrid) Oak	High	10 - 20 feet	Sapling	Red Maple	High	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																			
Black/Red (Hybrid) Oak	55	XLog/Log	18	105																																			
Red Maple	45	Log/XLog/Pole	14																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
White Oak	Low	10 - 20 feet	Sapling																																				
Tamarack	Low	Variable	Sapling																																				
Black/Red (Hybrid) Oak	High	10 - 20 feet	Sapling																																				
Red Maple	High	10 - 20 feet	Sapling																																				
222	310 - Herbaceous Openland	Nonstocked	1.8		Unspecified	No	This is a sparse ridge. The ground cover is mainly poverty grass, bracken fern, and sweet fern.																																
223	6121 - Tamarack	Poletimber Medium	12.7	38	81-110	N/A	The stand has some variability. This stand is very wet in places. A large portion of the stand is manageable																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>60</td> <td>Pole/Sapling</td> <td>7</td> <td>38</td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Tamarack	60	Pole/Sapling	7	38	Red Maple	25	Pole/Sapling	5		Quaking Aspen	15	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	10 - 20 feet	Sapling	Tamarack	Medium	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																			
Tamarack	60	Pole/Sapling	7	38																																			
Red Maple	25	Pole/Sapling	5																																				
Quaking Aspen	15	Pole/Sapling	5																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Maple	Medium	10 - 20 feet	Sapling																																				
Tamarack	Medium	5 - 10 feet	Sapling																																				
224	4311 - Pine, Aspen Mix	Poletimber Poor	5.7	33	1-50	N/A	The stand is very sparse. It has barely 25% crown closure. The central portion of the stand is very wet and boggy with some tamarack in it. The boggy area is surrounded by a ridge. Jack pines thick along the pipeline. It is just scattered aspen and jack pine in most of the stand.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>40</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>6</td> <td>33</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Jack Pine	40	Sapling/Pole	3		White Pine	5	Pole/Log/Sap	8		Red Pine	10	Pole	6		Quaking Aspen	45	Pole/Sapling	6	33												
Canopy Species	% Cover	Size Class	DBH	Age																																			
Jack Pine	40	Sapling/Pole	3																																				
White Pine	5	Pole/Log/Sap	8																																				
Red Pine	10	Pole	6																																				
Quaking Aspen	45	Pole/Sapling	6	33																																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
225	6229 - Mixed lowland shrub	Nonstocked	9.2		Unspecified	No	The stand is predominantly willow shrub with some tag alder. There is scattered tamarack, white pine, and oak. The ash in the stand is dead.																																	
226	6113 - Lowland Maple	Sawtimber Poor	15.5	99	51-80	N/A	The ash in the stand is now gone, so the size of the stand has been reduced. What is left is too wet to harvest. It is mainly sawlog maple.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Log</td> <td>14</td> <td>99</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	100	Log	14	99	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	10 - 20 feet	Tall Shrub																			
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	100	Log	14	99																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	High	10 - 20 feet	Tall Shrub																																					
227	6113 - Lowland Maple	Sawtimber Poor	68.8	105	51-80	N/A	The stand does have inclusions of uplands but overall, it is wet. Factor Limit as too wet and access. The ash in the stand is gone. The crown closure goes from 100% down to 0%. The average is around 45%. The edges of the stand are better stocked. The drainage goes through the center. It is pretty much pure tag alder.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>75</td> <td>XLog/Log/Pole</td> <td>18</td> <td>105</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole/XLog</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	75	XLog/Log/Pole	18	105	Black/Red (Hybrid) Oak	10	Log/Pole/XLog	14		Quaking Aspen	10	Pole/Log	9		Paper Birch	5	Pole	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Full</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Pole</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	10 - 20 feet	Tall Shrub	Red Maple	High	>20 feet	Pole
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	75	XLog/Log/Pole	18	105																																				
Black/Red (Hybrid) Oak	10	Log/Pole/XLog	14																																					
Quaking Aspen	10	Pole/Log	9																																					
Paper Birch	5	Pole	6																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Full	10 - 20 feet	Tall Shrub																																					
Red Maple	High	>20 feet	Pole																																					
228	6113 - Lowland Maple	Sapling Medium	4.7	27	1-50	N/A	The ash in the stand is gone. The area that was heavy ash are now tag alder. Most of the trees are now on a slight ridge that runs through the center of the stand. The ridge is mainly sapling red maple.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>85</td> <td>Sapling/Pole</td> <td>2</td> <td>27</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	85	Sapling/Pole	2	27	Quaking Aspen	5	Pole	8		Black/Red (Hybrid) Oak	10	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	85	Sapling/Pole	2	27																																				
Quaking Aspen	5	Pole	8																																					
Black/Red (Hybrid) Oak	10	Pole	8																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																					
230	6113 - Lowland Maple	Poletimber Medium	55.5	27	1-50	N/A	The ash in the stand is gone. The crown closure goes from 15% up to 100%. The overall crown closure is around 50%.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Sapling/Pole/Log</td> <td>3</td> <td>27</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	90	Sapling/Pole/Log	3	27	Black/Red (Hybrid) Oak	10	Pole/Sap/Log	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub										
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	90	Sapling/Pole/Log	3	27																																				
Black/Red (Hybrid) Oak	10	Pole/Sap/Log	6																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Red Maple	Low	10 - 20 feet	Sapling																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																					
231	629 - Mixed non-forested wetland	Nonstocked	8.7		Unspecified	No	The stand is a drainage of marsh grass with lowland shrubs along the perimeter.																																	
232	629 - Mixed non-forested wetland	Nonstocked	2.9		Unspecified	No	The stand is predominantly lowland shrubs, mainly willow. There are some trees scattered, but they are all dead.																																	
233	4125 - Black, N. Pin Oak	Sawtimber Poor	17.9	65	1-50	N/A	The stand was harvested 8/5/2015. There is and FTP on the stand C73-888 to interplant red pine. The stand was never planted to pine. Pine, tamarack, and oak are starting to seed in from the residual trees. The oak is not established. There is some mortality in the overstory oak. It looks like over time it will become medium or better stocked with pine, oak, tamarack, and maple. Therefore, the treatment was removed from the stand.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>75</td> <td>Log/Pole/Sap</td> <td>11</td> <td>65</td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	75	Log/Pole/Sap	11	65	Red Pine	10	Log/Pole/Sap	12		White Pine	15	Pole/Sap/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Low	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	75	Log/Pole/Sap	11	65																																				
Red Pine	10	Log/Pole/Sap	12																																					
White Pine	15	Pole/Sap/Log	9																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																					
235	6229 - Mixed lowland shrub	Nonstocked	4.9	0	Unspecified	No	The ash has died off and it is now a lowland shrub type. There are some scattered maples.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments				
236	3301 - Low Density Deciduous Trees	Nonstocked	3.4		Unspecified	No	The site is upland, for the most part. Most of the stand is very open. There are scattered trembling aspen and one dense pocket of tamarack. The area with the tamarack is hummocky but upland.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Tamarack	Low	>20 feet	Pole
237	6121 - Tamarack	Poletimber Well	13.5	50	81-110	N/A	The stand is mainly lowlands. However, it appears to be manageable. The tamarack is variable in size with areas of sapling and areas of poles. The terrain is hummocky. There is significant maple and tamarack in the understory.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub
239	6220 - Alder/willow	Nonstocked	2.1		Unspecified	No	The stand is a depression. It is heavy to willow with open areas of marsh grass.				
								Sub-Canopy Species	Density	Avg. Height	Size
240	6139 - Mixed Lowland Forest	Poletimber Well	22.9	38	51-80	N/A	The stand has an narrow east-west ridge at the south end. The crown closure is closer to 75%. The stand is a mix of uplands and lowlands, with the lowlands being about 75%. The southern portion of the stand is heavy to red maple. The northern portion has significant tamarack.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Red Maple	Medium	10 - 20 feet	Sapling
241	6113 - Lowland Maple	Poletimber Medium	7.3	59	51-80	N/A	The ground cover is heavy to marsh grass. The ash in the stand is gone. What is left are maple poles/logs and tamarack saplings.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
242	42210 - Natural Red Pine	Sawtimber Well	2.4	85	111-140	N/A	Hold stand for biodiversity. The crown closure is a little lower than stand 220 to the north, but it is still around 90%. This stand has a significant amount of red maple in the understory. The diameter of the trees is also smaller.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Red Maple	Medium	>20 feet	Sapling
243	6113 - Lowland Maple	Sawtimber Poor	7.1	100	1-50	N/A	The stand is too wet to harvest. The ground cover is marsh grass. The soils are muck. The ash in the stand is now gone. Where there was ash, it is now tag alder. There is scattered pockets of regenerating red maple and tamarack.				
								Sub-Canopy Species	Density	Avg. Height	Size
								Tag Alder	High	5 - 10 feet	Tall Shrub
244	310 - Herbaceous Openland	Nonstocked	2.9		Unspecified	No	This portion of the stand did not regenerate well. It is seeding in with some oak and tamarack. Currently the crown closure is below 15%.				
								Sub-Canopy Species	Density	Avg. Height	Size



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
245	4199 - Other Mixed Upland Deciduous	Sawtimber Poor	8.5	99	1-50	N/A	The stand is a ridge that kind of wanders among lowland. It is mainly upland but has a significant amount of lowland. The ground cover is mainly huckleberry and bracken fern.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>55</td> <td>Log</td> <td>16</td> <td>99</td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Log</td> <td>17</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	15	Log	16		Black/Red (Hybrid) Oak	20	Log	16		Red Maple	55	Log	16	99	White Oak	10	Log	17												
Canopy Species	% Cover	Size Class	DBH	Age																																							
Quaking Aspen	15	Log	16																																								
Black/Red (Hybrid) Oak	20	Log	16																																								
Red Maple	55	Log	16	99																																							
White Oak	10	Log	17																																								
246	330 - Low-Density Trees	Nonstocked	21.5		Unspecified	No	The stand is predominantly a ridge. The crown closure goes from 100% down to 0%. Most of the trees are in pockets. There are a couple quaking aspen clones. Most of the other pockets of trees are hybrid oak and white oak. The stand gets wetter at the south end.																																				
247	4199 - Other Mixed Upland Deciduous	Poletimber Poor	8.1	16	Immature	N/A	The aspen that was in the stand is starting to die out. It looks like it is around 57 years old. Most of the stand now is seed origin oak regeneration. The diameters go from less than 1 inch up to 4. It is hard to gauge the age of the stand.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Sapling</td> <td>3</td> <td>16</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	30	Pole	7		Black/Red (Hybrid) Oak	5	Log	14		White Pine	5	Sapling/Pole	3		Red Maple	5	Sapling	2		Black/Red (Hybrid) Oak	55	Sapling	3	16						
Canopy Species	% Cover	Size Class	DBH	Age																																							
Bigtooth Aspen	30	Pole	7																																								
Black/Red (Hybrid) Oak	5	Log	14																																								
White Pine	5	Sapling/Pole	3																																								
Red Maple	5	Sapling	2																																								
Black/Red (Hybrid) Oak	55	Sapling	3	16																																							
248	6229 - Mixed lowland shrub	Nonstocked	19.9		Immature	No	The stand has a north-south drainage that is impassable at the west end. All the ash is dead. The crown closure goes from 40% down to 0. It averages around 15%. It is close to being low density trees or treed bog. The ground is very wet. The regeneration is not evident. Most of it is hidden under the lowland shrub and tall marsh grass.																																				
249	6113 - Lowland Maple	Sawtimber Poor	8.9	79	1-50	N/A	Factor limit the stand, no access because it is surrounded by non-forested lowlands. All the ash is dead leaving scattered Maple through most of the stand. There is one pocket towards the north central portion that appears to be a slight ridge or knob where there is maple with a higher density.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Log/Pole</td> <td>11</td> <td>79</td> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log/Pole</td> <td>11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	90	Log/Pole	11	79	Red Maple	Low	>20 feet	Sapling	Quaking Aspen	10	Log/Pole	11														
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Maple	90	Log/Pole	11	79	Red Maple	Low	>20 feet	Sapling																																			
Quaking Aspen	10	Log/Pole	11																																								
250	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	15.9	40	51-80	N/A	The stand is mainly 3 ridges separated by tag alder drains. It is extremely variable going from a crown closure of 0 up to 100%. The canopy makeup ranges from oak to white pine to maple; and going from logs down to saplings and seedlings. It is hard to call this stand anyone thing. This is not a good oak or aspen site.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>50</td> <td>Pole/Sap/Log</td> <td>6</td> <td>40</td> </tr> <tr> <td>White Pine</td> <td>10</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	10	Pole/Sapling	7		Red Maple	50	Pole/Sap/Log	6	40	White Pine	10	Log/Pole/Sap	12																	
Canopy Species	% Cover	Size Class	DBH	Age																																							
Tamarack	10	Pole/Sapling	7																																								
Red Maple	50	Pole/Sap/Log	6	40																																							
White Pine	10	Log/Pole/Sap	12																																								
251	6121 - Tamarack	Sapling Well	3.9	30	1-50	N/A	The terrain is hummocky, and it is mainly lowlands. There are inclusions of upland knobs mainly toward the northern end of the stand. The tamarack continues to seed in, and now the crown closure is around 80%.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>80</td> <td>Sapling/Pole</td> <td>4</td> <td>30</td> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Tamarack	80	Sapling/Pole	4	30	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub	Red Maple	10	Pole/Sap/Log	8						Black/Red (Hybrid) Oak	10	Log/Pole	12					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Tamarack	80	Sapling/Pole	4	30	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																			
Red Maple	10	Pole/Sap/Log	8																																								
Black/Red (Hybrid) Oak	10	Log/Pole	12																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
253	500 - Water	Nonstocked	1.2		Unspecified	No	The center portion of the stand has water and it is surrounded by marsh.																																	
254	6121 - Tamarack	Poletimber Medium	5.8	35	51-80	N/A	The terrain is hummocky. The stand is about 60% lowlands.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>80</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>8</td> <td>50</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td>50</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	80	Pole/Sapling	5	35	Quaking Aspen	5	Pole	8	50	Red Maple	15	Pole/Sapling	6	50	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tamarack</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Tamarack	High	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	
Canopy Species	% Cover	Size Class	DBH	Age																																				
Tamarack	80	Pole/Sapling	5	35																																				
Quaking Aspen	5	Pole	8	50																																				
Red Maple	15	Pole/Sapling	6	50																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																					
Tamarack	High	10 - 20 feet	Sapling																																					
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																					
255	6229 - Mixed lowland shrub	Nonstocked	10.9		Unspecified	No	The stand is a swale between 2 slight ridges. Some tamarack and maple are seeding into it. The crown closure is less than 15%.																																	
256	6113 - Lowland Maple	Sapling Well	50.3	27	1-50	N/A	The stand has heavy red maple regeneration. Much of it appears to be from seed source. The density is less at the west end. There are a few open areas in the stand. The stand is a mix of uplands and lowlands with the lowlands being the majority. The terrain is hummocky. The overstory is dying out.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>3</td> <td>Log</td> <td>14</td> <td>105</td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>90</td> <td>Sapling</td> <td>3</td> <td>27</td> </tr> <tr> <td>Quaking Aspen</td> <td>4</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	3	Log	14	105	Paper Birch	3	Sapling/Pole	4		Red Maple	90	Sapling	3	27	Quaking Aspen	4	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Full</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Maple	Full	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	3	Log	14	105																																				
Paper Birch	3	Sapling/Pole	4																																					
Red Maple	90	Sapling	3	27																																				
Quaking Aspen	4	Pole/Sapling	6																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	Low	5 - 10 feet	Tall Shrub																																					
Red Maple	Full	>20 feet	Sapling																																					
257	6121 - Tamarack	Sapling Poor	3.4	16	Immature	N/A	The stand is a leather leaf bog that has tamarack and white pine growing up in it. The crown closure is now greater than 25%.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>90</td> <td>Sapling</td> <td>1</td> <td>16</td> </tr> <tr> <td>Red Pine</td> <td>2</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Pine</td> <td>8</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	90	Sapling	1	16	Red Pine	2	Sapling	1		White Pine	8	Sapling	1																				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Tamarack	90	Sapling	1	16																																				
Red Pine	2	Sapling	1																																					
White Pine	8	Sapling	1																																					
258	310 - Herbaceous Openland	Nonstocked	58.9		Unspecified	No	This stand is a pipeline. It was brush hog in the summer of 2023.																																	
259	330 - Low-Density Trees	Nonstocked	13.3		Unspecified	No	The stand has pockets of pines and scattered hardwoods. The crown closure goes from 40% down to 10%. It averages right around 20%. There are inclusions of low wet ground.																																	
260	330 - Low-Density Trees	Nonstocked	5.2		Unspecified	No	The stand is a ridge. The crown closure is around 15%. The overstory goes from extra-large red pine down to seedlings of oak, tamarack, and red pine.																																	
261	6220 - Alder/willow	Nonstocked	16.4		Unspecified	No	The stand is a large broad depression that is dominated by willow shrubs.																																	
262	6220 - Alder/willow	Nonstocked	62.7		Unspecified	No	This is a large lowland shrub type of tag alder and willow over marsh grass. There is some scattered maple. What ash was in the stand is gone.																																	
263	6229 - Mixed lowland shrub	Nonstocked	28.7	0	Unspecified	No	The ash has died out leaving scattered maple over lowland shrubs. The crown closure is around 15%. The stand is very wet and there is no obvious regeneration.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																												
264	4125 - Black, N. Pin Oak	Sapling Medium	20.6	17	51-80	N/A	The stand was harvested in Lame Duck Oak, sale 73-011-05. The harvest was completed in summer 2007. The cut was an aspen removal and marking other species. The southern piece of the stand is pretty much just regeneration of oak, aspen, and not much over story oak. The northern 2 legs are pretty much medium stocked sawlog oak without much regeneration.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Sapling</td> <td>3</td> <td>17</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>2</td> <td>17</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	80	Sapling	3	17	Quaking Aspen	20	Sapling	2	17																																		
Canopy Species	% Cover	Size Class	DBH	Age																																															
Black/Red (Hybrid) Oak	80	Sapling	3	17																																															
Quaking Aspen	20	Sapling	2	17																																															
265	4116 - Mixed N. Hardwood - Aspen	Poletimber Medium	2.2	65	1-50	N/A	The stand is an island surrounded by marsh and there is no access. The ash is gone. From the highway it appears that there is a bald eagle's nest on the island.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>75</td> <td>Pole/Sap/Log</td> <td>8</td> <td>65</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	25	Pole	8		Red Maple	75	Pole/Sap/Log	8	65	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	>20 feet	Sapling	Tag Alder	Low	10 - 20 feet	Tall Shrub																				
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	25	Pole	8																																																
Red Maple	75	Pole/Sap/Log	8	65																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Red Maple	Low	>20 feet	Sapling																																																
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																
267	4199 - Other Mixed Upland Deciduous	Poletimber Well	15.1	58	51-80	N/A	The terrain is hummocky. It is about 80% uplands. The regeneration of maple and oak have now filled in a lot of the open areas. The stand is now more of an uneven aged maple/oak.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>55</td> <td>Pole/Sap/Log</td> <td>9</td> <td>58</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	15	Log/Pole	10		Black/Red (Hybrid) Oak	30	Pole/Sap/Log	9		Red Maple	55	Pole/Sap/Log	9	58	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	Tamarack	Medium	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling	Tag Alder	Low	10 - 20 feet	Tall Shrub							
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	15	Log/Pole	10																																																
Black/Red (Hybrid) Oak	30	Pole/Sap/Log	9																																																
Red Maple	55	Pole/Sap/Log	9	58																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Red Maple	High	>20 feet	Sapling																																																
Tamarack	Medium	10 - 20 feet	Sapling																																																
Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling																																																
Tag Alder	Low	10 - 20 feet	Tall Shrub																																																
269	623 - Emergent Wetland	Nonstocked	44.7		Unspecified	No	The stand is predominantly wet and varies between lowland shrub, cattails, and marsh grass.																																												
270	6229 - Mixed lowland shrub	Nonstocked	5.6		Unspecified	No	The stand is a swale between ridges. The ash in the stand is dead. It has scattered swamp hardwoods but they do not make up 25% crown closure. The understory is predominantly willow. The south end is a dry knob.																																												
271	6220 - Alder/willow	Nonstocked	29.5		Unspecified	No	The stand is a large tag alder type. It is a little on the dryer side. The ash that was present is gone. What is left are scattered maples and oaks. Most of them are on slightly dryer ground.																																												
272	6139 - Mixed Lowland Forest	Poletimber Well	11.6	61	81-110	N/A	The stand is a mixture of uplands and lowlands with the lowlands being the majority. The east end is heavier to aspen. Most of the low ground is too wet to manage.																																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>55</td> <td>Pole/Sapling</td> <td>7</td> <td>61</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	5	Log/Pole	13		Red Maple	25	Pole/Sap/Log	6		Black/Red (Hybrid) Oak	15	Pole	7		Tamarack	55	Pole/Sapling	7	61	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tamarack</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	10 - 20 feet	Sapling	Red Maple	Medium	Variable	Sapling	Tamarack	Medium	Variable	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																															
Quaking Aspen	5	Log/Pole	13																																																
Red Maple	25	Pole/Sap/Log	6																																																
Black/Red (Hybrid) Oak	15	Pole	7																																																
Tamarack	55	Pole/Sapling	7	61																																															
Sub-Canopy Species	Density	Avg. Height	Size																																																
Paper Birch	Low	10 - 20 feet	Sapling																																																
Red Maple	Medium	Variable	Sapling																																																
Tamarack	Medium	Variable	Sapling																																																
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																																
274	310 - Herbaceous Openland	Nonstocked	9.4		Immature	No	The stand is a ridge that has scattered oak and maple. The crown closure is less than 15%.																																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																														
275	6113 - Lowland Maple	Poletimber Medium	5.0	40	51-80	N/A	The stand is a matrix of uplands and lowlands with lowlands being the majority. The terrain is hummocky. There are inclusions of leather leaf. All the ash is gone which has lowered the crown closure to below 75%.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>17</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Log/Pole</td> <td>13</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>65</td> <td>Pole/Sap/Log</td> <td>5</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	17	Pole/Sapling	6		Quaking Aspen	10	Pole/Sap/Log	7		Black/Red (Hybrid) Oak	8	Log/Pole	13		Red Maple	65	Pole/Sap/Log	5	40	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub																	
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Paper Birch	17	Pole/Sapling	6																																																		
Quaking Aspen	10	Pole/Sap/Log	7																																																		
Black/Red (Hybrid) Oak	8	Log/Pole	13																																																		
Red Maple	65	Pole/Sap/Log	5	40																																																	
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Tag Alder	High	5 - 10 feet	Tall Shrub																																																		
277	6225 - Bog	Nonstocked	11.0		Unspecified	No	The stand is a swale between 2 slight ridges. It is heavy to leather leaf and other lowland shrubs.																																														
278	622 - Lowland Shrub	Nonstocked	11.0		Unspecified	No	The stand is a drainage. The crown closure is now close to 20%. It is maple and tamarack.																																														
279	4310 - Pine, Oak Mix	Sapling Poor	10.5	15	Immature	N/A	The stand has been seeding in with oak and white pine. There is a remnant of saw log oak and pole white pine. Most of the cover type is taken up by the regenerating oak and white pine.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>50</td> <td>Sapling/Pole</td> <td>3</td> <td>15</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	50	Sapling/Pole	3	15	Black/Red (Hybrid) Oak	35	Sapling/Pole	4		Quaking Aspen	15	Pole/Sapling	5																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																	
White Pine	50	Sapling/Pole	3	15																																																	
Black/Red (Hybrid) Oak	35	Sapling/Pole	4																																																		
Quaking Aspen	15	Pole/Sapling	5																																																		
280	42260 - Natural Pine, Mixed Deciduous	Sawtimber Medium	4.1	70	81-110	N/A	The stand is a ridge. The central portion of the stand is red pine log/pole. The understory is thick to red and white pine in areas. The aspen and oak overstory is declining. This is most noticeable at the north end. Red and white pine are seeding into the openings.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>50</td> <td>Log</td> <td>14</td> <td>70</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	50	Log	14	70	Bigtooth Aspen	10	Log	12		Black/Red (Hybrid) Oak	15	Log/Pole	12		White Pine	15	Pole/Sap/Log	6		Red Maple	10	Log	14		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Serviceberry (Juneberry)</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub	White Pine	Medium	10 - 20 feet	Sapling	Red Pine	Medium	10 - 20 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Red Pine	50	Log	14	70																																																	
Bigtooth Aspen	10	Log	12																																																		
Black/Red (Hybrid) Oak	15	Log/Pole	12																																																		
White Pine	15	Pole/Sap/Log	6																																																		
Red Maple	10	Log	14																																																		
Sub-Canopy Species	Density	Avg. Height	Size																																																		
Serviceberry (Juneberry)	Medium	5 - 10 feet	Tall Shrub																																																		
White Pine	Medium	10 - 20 feet	Sapling																																																		
Red Pine	Medium	10 - 20 feet	Sapling																																																		
281	4131 - Aspen, Oak	Sapling Poor	31.7	23	Immature	N/A	There are pockets of oak, aspen, and tamarack scattered throughout the stand. The terrain is hummocky. Blueberry is fairly dense. There are a few scattered large oaks.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Sapling</td> <td>2</td> <td>23</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling/Pole/Log</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	15	Sapling	2		Quaking Aspen	65	Sapling	2	23	Black/Red (Hybrid) Oak	20	Sapling/Pole/Log	2																																	
Canopy Species	% Cover	Size Class	DBH	Age																																																	
Tamarack	15	Sapling	2																																																		
Quaking Aspen	65	Sapling	2	23																																																	
Black/Red (Hybrid) Oak	20	Sapling/Pole/Log	2																																																		
282	6121 - Tamarack	Poletimber Medium	18.6	56	51-80	N/A	The stand is a mixture of uplands and lowlands with the lowlands being the majority. The lowland areas are very wet. Tamarack and oak are seeding in quite well. The crown closure ranges from 0% to 100%. The average is 60%.																																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>5</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Log/Pole/Sap</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>55</td> <td>Pole/Sapling</td> <td>5</td> <td>56</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	5	Log/Pole	12		Black/Red (Hybrid) Oak	20	Log/Pole/Sap	11		Red Maple	15	Log/Pole/Sap	10		Jack Pine	5	Pole/Sapling	6		Tamarack	55	Pole/Sapling	5	56																						
Canopy Species	% Cover	Size Class	DBH	Age																																																	
White Oak	5	Log/Pole	12																																																		
Black/Red (Hybrid) Oak	20	Log/Pole/Sap	11																																																		
Red Maple	15	Log/Pole/Sap	10																																																		
Jack Pine	5	Pole/Sapling	6																																																		
Tamarack	55	Pole/Sapling	5	56																																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
284	6224 - Treed Bog	Nonstocked	10.6		Unspecified	No	The stand has some slight upland ridges. Overall, the trees are scattered, and the ground is wet. The crown closure goes from 50% down to 0. It averages right around 20%. The ground cover is leather leaf with inclusions of labrador tea.																																						
285	4125 - Black, N. Pin Oak	Poletimber Medium	4.5	70	1-50	N/A	This stand is made up of two ridges separated by a shallow swale. It has an appearance of a two-aged stand with larger overstory oak with sapling/pole understory of oak, maple, red pine, and white pine. Most of the sawlog oak has blown down. Currently the stand is more of a pole type. The crown closure is now closer to 50%.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Pole/Log/Sap</td> <td>7</td> <td>70</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>3</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	80	Pole/Log/Sap	7	70	White Pine	2	Sapling/Pole	3		White Oak	5	Pole/Sap/Log	9		Quaking Aspen	3	Pole	7		Red Maple	10	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling		
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	80	Pole/Log/Sap	7	70																																									
White Pine	2	Sapling/Pole	3																																										
White Oak	5	Pole/Sap/Log	9																																										
Quaking Aspen	3	Pole	7																																										
Red Maple	10	Sapling/Pole	4																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																										
286	6113 - Lowland Maple	Poletimber Medium	9.4	59	1-50	N/A	The stand is too wet to manage. The overstory is pretty much gone. The south end has some overstory maple. However, most of the stand is red maple regeneration. The crown closure is right around 75%.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Pole/Sap/Log</td> <td>6</td> <td>59</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	90	Pole/Sap/Log	6	59	Black/Red (Hybrid) Oak	10	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	10 - 20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	90	Pole/Sap/Log	6	59																																									
Black/Red (Hybrid) Oak	10	Pole/Sapling	6																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	Full	10 - 20 feet	Sapling																																										
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																										
288	6113 - Lowland Maple	Poletimber Medium	8.7	35	1-50	N/A	85% of the stand is lowlands. The stand has significant regeneration. It is small maple which has raised the crown closure to around 70%. The uplands consist of small knobs that contain oak.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>13</td> <td>93</td> </tr> <tr> <td>Red Maple</td> <td>90</td> <td>Pole/Sapling</td> <td>5</td> <td>35</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Log/Pole	13	93	Red Maple	90	Pole/Sapling	5	35	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	Medium	>20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	10	Log/Pole	13	93																																									
Red Maple	90	Pole/Sapling	5	35																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																										
Red Maple	Medium	>20 feet	Sapling																																										
289	4125 - Black, N. Pin Oak	Sapling Poor	6.2	11	Immature	N/A	The stand is a ridge that has been filling in with oak. The terrain is hummocky but dry.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	80	Sapling	1	11	Quaking Aspen	5	Pole	6		Tamarack	5	Sapling	1		White Oak	5	Sapling	1		Red Maple	5	Sapling	2													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	80	Sapling	1	11																																									
Quaking Aspen	5	Pole	6																																										
Tamarack	5	Sapling	1																																										
White Oak	5	Sapling	1																																										
Red Maple	5	Sapling	2																																										
290	6113 - Lowland Maple	Sapling Medium	185.9	35	51-80	N/A	The stand is about 85% lowlands. The ash is gone making large openings of predominately tag alder. There are veins of red maple regeneration. The crown closure is now closer to 50%.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>89</td> <td>Sapling/Pole</td> <td>3</td> <td>35</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>6</td> <td>Log/Pole</td> <td>13</td> <td>93</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Pole/Log	9		Red Maple	89	Sapling/Pole	3	35	Black/Red (Hybrid) Oak	6	Log/Pole	13	93	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																									
Quaking Aspen	5	Pole/Log	9																																										
Red Maple	89	Sapling/Pole	3	35																																									
Black/Red (Hybrid) Oak	6	Log/Pole	13	93																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	Medium	>20 feet	Sapling																																										
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																										
292	6113 - Lowland Maple	Sawtimber Medium	71.2	97	1-50	N/A	factor limit too wet, The ash is all gone. The crown closure is around 50%. There are now areas of tag alder. There are some pockets of red maple regeneration.																																						
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>90</td> <td>Log/Pole/Sap</td> <td>11</td> <td>97</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Pole/Log/Sap	9		Red Maple	90	Log/Pole/Sap	11	97	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	10 - 20 feet	Tall Shrub	Red Maple	High	>20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	10	Pole/Log/Sap	9																																										
Red Maple	90	Log/Pole/Sap	11	97																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Tag Alder	High	10 - 20 feet	Tall Shrub																																										
Red Maple	High	>20 feet	Sapling																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
293	6225 - Bog	Nonstocked	14.6		Immature	No	The stand is predominantly leather leaf. There are scattered white pine saplings, but the crown closure is less than 15%.																												
295	310 - Herbaceous Openland	Nonstocked	45.3		Unspecified	No	The terrain is hummocky but dry. It is predominantly blueberry and sweet fern with pockets of bracken fern and poverty grass. There is a large area in the center that retains water in the spring.																												
296	6113 - Lowland Maple	Sapling Poor	55.7	21	Immature	N/A	This is a large depression of tag alder with scattered birch and maple. What ash was in the stand is now gone. The crown closure is around 25%. The maple forms veins going through the stand. The soil overall is extremely wet.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Sapling</td> <td>2</td> <td>21</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	100	Sapling	2	21	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Full	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																															
Red Maple	100	Sapling	2	21																															
Sub-Canopy Species	Density	Avg. Height	Size																																
Tag Alder	Full	5 - 10 feet	Tall Shrub																																
297	6127 - Lowland Pine	Poletimber Poor	5.4	31	1-50	N/A	The stand is quite low overall. It has been regenerating to white pine. The average age of the co-dominant white pine is around 30 years old.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>60</td> <td>Pole/Sapling</td> <td>5</td> <td>31</td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	25	Pole/Sapling	5		White Pine	60	Pole/Sapling	5	31	Quaking Aspen	15	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Leatherleaf</td> <td>High</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Leatherleaf	High	< 5 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																															
Black/Red (Hybrid) Oak	25	Pole/Sapling	5																																
White Pine	60	Pole/Sapling	5	31																															
Quaking Aspen	15	Pole/Sapling	5																																
Sub-Canopy Species	Density	Avg. Height	Size																																
Leatherleaf	High	< 5 feet	Tall Shrub																																
298	4125 - Black, N. Pin Oak	Sawtimber Poor	19.2	97	1-50	N/A	The stand was harvested in Center Sterling Mix, sale 73-005-18. The stand was cut 9/2021 and had a residual of around 20 BA. Most of the oak regeneration is not established at the current time.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>5</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> <tr> <td>White Pine</td> <td>15</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Log/Pole</td> <td>10</td> <td>97</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		White Oak	5	Log/XLog	17		White Pine	15	Sapling/Pole	3		Black/Red (Hybrid) Oak	80	Log/Pole	10	97	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																															
White Oak	5	Log/XLog	17																																
White Pine	15	Sapling/Pole	3																																
Black/Red (Hybrid) Oak	80	Log/Pole	10	97																															
Sub-Canopy Species	Density	Avg. Height	Size																																
Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling																																
299	6113 - Lowland Maple	Poletimber Medium	3.8	63	51-80	N/A	The ash in the stand is gone. The understory maple is now the overstory. The current age is 62 on the co-dominant red maple. The drain is very wet and it is too wet to manage.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>88</td> <td>Pole/Sap/Log</td> <td>8</td> <td>63</td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	88	Pole/Sap/Log	8	63	Quaking Aspen	2	Log/Pole	11		Black/Red (Hybrid) Oak	10	Pole/Sap/Log	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	High	10 - 20 feet
Canopy Species	% Cover	Size Class	DBH	Age																															
Red Maple	88	Pole/Sap/Log	8	63																															
Quaking Aspen	2	Log/Pole	11																																
Black/Red (Hybrid) Oak	10	Pole/Sap/Log	6																																
Sub-Canopy Species	Density	Avg. Height	Size																																
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																
Red Maple	High	10 - 20 feet	Sapling																																
300	6121 - Tamarack	Poletimber Well	7.2	55	81-110	N/A	The stand is an island surrounded by non-forested lowland on 3 sides and I-75 on the other.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Tamarack</td> <td>80</td> <td>Pole/Sapling</td> <td>6</td> <td>55</td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	15	Pole/Sapling	7		Tamarack	80	Pole/Sapling	6	55	White Pine	5	Pole/Sapling	7														
Canopy Species	% Cover	Size Class	DBH	Age																															
Red Maple	15	Pole/Sapling	7																																
Tamarack	80	Pole/Sapling	6	55																															
White Pine	5	Pole/Sapling	7																																
301	6239 - Mixed Emergent Wetland	Nonstocked	97.9		Unspecified	No	This is a large lowland with island of sparse trees. Most of the stand is marsh grass with pocket of lowland shrubs.																												



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
302	6113 - Lowland Maple	Poletimber Medium	6.7	55	51-80	N/A	The stand is predominantly lowlands. There are upland knolls. The knolls have oak, but the rest of the stand is sapling/pole red maple. Any ash in the stand is now gone. The crown closure is around 70%.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>3</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>60</td> <td>Pole/Sapling</td> <td>5</td> <td>55</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	3	Sapling	2		Quaking Aspen	15	Pole/Sapling	5		Red Maple	60	Pole/Sapling	5	55	Black/Red (Hybrid) Oak	20	Pole/Sapling	5		White Pine	2	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub			
Canopy Species	% Cover	Size Class	DBH	Age																																								
Paper Birch	3	Sapling	2																																									
Quaking Aspen	15	Pole/Sapling	5																																									
Red Maple	60	Pole/Sapling	5	55																																								
Black/Red (Hybrid) Oak	20	Pole/Sapling	5																																									
White Pine	2	Sapling	2																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Tag Alder	Low	5 - 10 feet	Tall Shrub																																									
304	6229 - Mixed lowland shrub	Nonstocked	50.5		Immature	No	The ash in the stand is all gone. It is now mainly tag alder and willow. It may regenerate over time. Factor limit too wet.																																					
305	4131 - Aspen, Oak	Sapling Poor	19.6	22	1-50	N/A	The stand is an old habitat burn. It could be burned again. It is a mix of oak and aspen on hummocky ground.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Sapling/Pole</td> <td>3</td> <td>22</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td>71</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling</td> <td>3</td> <td>22</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>23</td> <td>Pole</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	35	Sapling/Pole	3	22	White Oak	5	Pole/Log	9	71	Paper Birch	2	Sapling	3		Quaking Aspen	35	Sapling	3	22	Bigtooth Aspen	23	Pole	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																								
Black/Red (Hybrid) Oak	35	Sapling/Pole	3	22																																								
White Oak	5	Pole/Log	9	71																																								
Paper Birch	2	Sapling	3																																									
Quaking Aspen	35	Sapling	3	22																																								
Bigtooth Aspen	23	Pole	5																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																									
306	6233 - Wet Meadow	Nonstocked	5.2		Unspecified		The stand is the cleared portion under the overhead power line. It is a mixture of uplands and lowlands with the lowlands being about 65%.																																					
307	629 - Mixed non-forested wetland	Nonstocked	3.5		Unspecified	No	The stand is mainly mixed non-forested wetland with areas of tag alder and marsh grass.																																					
309	6113 - Lowland Maple	Sapling Well	7.2	28	Immature	N/A	The ash in the stand is gone. The regeneration of maple in the stand is dense. The aspen is declining. Currently the stand is almost pure red maple over tag alder.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Log/Pole</td> <td>11</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>95</td> <td>Sapling/Pole</td> <td>4</td> <td>28</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	5	Log/Pole	11		Red Maple	95	Sapling/Pole	4	28	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Choke Cherry</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Choke Cherry	Low	>20 feet	Sapling	Red Maple	Medium	>20 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																								
Quaking Aspen	5	Log/Pole	11																																									
Red Maple	95	Sapling/Pole	4	28																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																									
Choke Cherry	Low	>20 feet	Sapling																																									
Red Maple	Medium	>20 feet	Sapling																																									
310	6127 - Lowland Pine	Sapling Poor	2.1	12	Immature	N/A	The stand has seeded in with red pine, white pine, oak, and maple. The age of the regeneration goes from about 4 years old up to about 16.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>35</td> <td>Sapling</td> <td>2</td> <td>12</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>12</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	35	Sapling	2	12	Black/Red (Hybrid) Oak	25	Sapling	2		White Oak	5	Sapling	2		Red Maple	10	Sapling	2		Red Pine	25	Sapling	1	12													
Canopy Species	% Cover	Size Class	DBH	Age																																								
White Pine	35	Sapling	2	12																																								
Black/Red (Hybrid) Oak	25	Sapling	2																																									
White Oak	5	Sapling	2																																									
Red Maple	10	Sapling	2																																									
Red Pine	25	Sapling	1	12																																								



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments		
311	6114 - Lowland Oak	Sapling Poor	11.3	25	Immature	N/A	The stand was cut, but this was not planted because of wetness. It has regenerated to some extent, but there is still a lot of open ground. The crown closure is right around 50%.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Pine		10	Pole/Sap/Log	5					
Quaking Aspen		10	Sapling/Pole	3	25				
Black/Red (Hybrid) Oak		80	Sapling	2	25				
312	6113 - Lowland Maple	Poletimber Well	5.7	36	1-50	N/A	Most of the stand is lowlands. There is a ridge along the north edge. The terrain is quite hummocky.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Red Maple		60	Pole/Sapling	5	36	Tag Alder	Low	10 - 20 feet	Tall Shrub
Black/Red (Hybrid) Oak		40	Sapling/Pole	4		Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
						Red Maple	High	>20 feet	Sapling
313	6114 - Lowland Oak	Poletimber Medium	5.0	59	1-50	N/A	The ash is now gone. The stand is wet and there are areas of marsh grass and sheep laurel. It is starting to regenerate, but it is sparse. 2019 Closure Comments: Harvest completed in January of 2018 under TS 73-011-16, Cara Del Rastro Aspen. The stand was marked to cut in addition all aspen, red maple, and ash were removed regardless of merchantability. Residual BA was measured at 50 sq. ft. At time of closure this stand had sparse regeneration.		
Canopy Species		% Cover	Size Class	DBH	Age				
Black/Red (Hybrid) Oak		75	Pole/Log	9	59				
Red Maple		25	Sapling	1	6				
315	4131 - Aspen, Oak	Poletimber Well	7.3	45	51-80	N/A	The aspen is very small diameter considering the age of the stand.		
Canopy Species		% Cover	Size Class	DBH	Age				
Red Maple		5	Sapling/Pole	4					
Quaking Aspen		73	Pole/Sapling	5	45				
Black/Red (Hybrid) Oak		22	Log/Pole/Sap	10					
316	6225 - Bog	Nonstocked	3.1		Unspecified	No	The aspen is very small diameter considering the age of the stand.		
317	4125 - Black, N. Pin Oak	Sapling Poor	7.6	6	Immature	N/A	2019 Closure Comments: Harvest completed in January of 2018 under sale 73-011-16, Cara Del Rastro Aspen. The stand was cut 2" DBH except for green marked trees, oak under 4", white oak, and white pine. 2023: The stand is starting to regenerate. There are a lot of oak seedlings that are not established. Pine is seeding into the stand, but it is quite sparse.		
Canopy Species		% Cover	Size Class	DBH	Age				
Black/Red (Hybrid) Oak		70	Sapling/Pole	1	6				
White Oak		5	Sapling	1					
Red Pine		5	Sapling	1					
Red Maple		20	Sapling	1					
318	6112 - Lowland Aspen	Sapling Poor	11.2	45	1-50	N/A	The stand has a very low site index. The trees are 44 years old and is just small poles. The crown closure is close to 50%.		
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak		30	Pole/Sapling	6		Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling
Red Pine		8	Pole/Sapling	5					
White Pine		2	Pole/Sapling	5					
Quaking Aspen		60	Sapling/Pole	4	45				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
319	4310 - Pine, Oak Mix	Sapling Poor	23.4	16	Immature	N/A	There is a steep ridge in the stand. It was recently harvested. It does not need to be replanted. The stand has inclusions of leather leaf in the southern portion.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>50</td> <td>Sapling</td> <td>2</td> <td>16</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling/Pole/Log</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	50	Sapling	2	16	Black/Red (Hybrid) Oak	45	Pole/Sapling	6		Red Pine	5	Sapling/Pole/Log	3																				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Jack Pine	50	Sapling	2	16																																				
Black/Red (Hybrid) Oak	45	Pole/Sapling	6																																					
Red Pine	5	Sapling/Pole/Log	3																																					
320	6113 - Lowland Maple	Sawtimber Medium	22.2	108	51-80	N/A	The ash is now gone. There is red maple regenerating towards the south-central portion of the stand.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Log/Pole/XLog</td> <td>12</td> <td>108</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	100	Log/Pole/XLog	12	108	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	5 - 10 feet	Tall Shrub	Red Maple	High	>20 feet	Sapling															
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	100	Log/Pole/XLog	12	108																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Tag Alder	High	5 - 10 feet	Tall Shrub																																					
Red Maple	High	>20 feet	Sapling																																					
321	6224 - Treed Bog	Nonstocked	6.0		Unspecified	No	The stand is mainly sheep laurel and leather leaf. There are some trees along the edges and pockets of trees in the stand. The crown closure is right around 15%.																																	
323	4131 - Aspen, Oak	Sapling Medium	20.4	22	1-50	N/A	The stand was an old habitat burn.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Sapling/Pole</td> <td>4</td> <td>22</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Sapling/Pole</td> <td>3</td> <td>22</td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole/Log</td> <td>9</td> <td>71</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	35	Sapling/Pole	4	22	Bigtooth Aspen	25	Pole/Sapling	5		Black/Red (Hybrid) Oak	35	Sapling/Pole	3	22	White Oak	5	Pole/Log	9	71	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Quaking Aspen	35	Sapling/Pole	4	22																																				
Bigtooth Aspen	25	Pole/Sapling	5																																					
Black/Red (Hybrid) Oak	35	Sapling/Pole	3	22																																				
White Oak	5	Pole/Log	9	71																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																					
324	622 - Lowland Shrub	Nonstocked	19.0		Immature	No	This stand is a large depression with some swamp hardwoods. Most of the hardwoods are maples. They are scattered, but there are some pockets of oak/maple that looked to be on islands.																																	
325	6220 - Alder/willow	Nonstocked	91.4		Unspecified	No	This stand is a large lowland shrub type. It has some upland islands and ridges. There are also inclusions of leather leaf.																																	
326	6225 - Bog	Nonstocked	50.8		Unspecified	No	The stand is a depression that is heavy to leather leaf. There are some lowland shrubs, mainly along the edges. The stand is hummocky and some of the hummocks are dry. There are scattered oaks, tamaracks, and quaking aspen. The crown closure is below 10%.																																	
327	42210 - Natural Red Pine	Sawtimber Well	5.8	85	111-140	N/A	The stand is slightly hummocky. It looks like the hardwood was removed at one point.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>100</td> <td>Log/Pole/XLog</td> <td>16</td> <td>85</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	100	Log/Pole/XLog	16	85	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling	Red Maple	Low	>20 feet	Sapling															
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Pine	100	Log/Pole/XLog	16	85																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling																																					
Red Maple	Low	>20 feet	Sapling																																					
329	330 - Low-Density Trees	Nonstocked	3.1		Unspecified	No	The stand has 5% crown closure of aspen and oak.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
330	4126 - White, Black, N. Pin Oak	Sawtimber Poor	15.5	87	1-50	N/A	2023: Much of the oak regeneration is not established. However, it is quite prolific through most of the stand. The stand appears to be on the way to becoming a medium stocked stand. The stand has a traditional hunting camp. 2019 Closure Comments: Harvest completed in January of 2018 under TS 73-011-16, Cara Del Rastro Aspen. Stand was cut 2" and up except for green marked trees, oak under 4", white oak, and white pine. 14 trees were marked with green paint (13 hybrid oak & 1 red pine). During sale prep BA was measured at 6 sq. ft. (mostly white oak). During sale closure this stand had minimal regeneration.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>50</td> <td>Log/XLog/Pole</td> <td>14</td> <td>87</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>50</td> <td>Log/Pole/Sap</td> <td>14</td> <td>87</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	50	Log/XLog/Pole	14	87	Black/Red (Hybrid) Oak	50	Log/Pole/Sap	14	87	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>< 5 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																			
White Oak	50	Log/XLog/Pole	14	87																																			
Black/Red (Hybrid) Oak	50	Log/Pole/Sap	14	87																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Maple	Low	5 - 10 feet	Sapling																																				
Black/Red (Hybrid) Oak	Medium	< 5 feet	Sapling																																				
331	6233 - Wet Meadow	Nonstocked	4.9		Unspecified	No	The stand is mainly marsh grass with some islands of leather leaf.																																
332	4125 - Black, N. Pin Oak	Poletimber Well	31.1	45	1-50	N/A	The site is a series of ridges. It looks to be a good site. The terrain is undulating. There are pockets of low wet ground.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>81</td> <td>Pole/Sap/Log</td> <td>9</td> <td>45</td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>17</td> <td>Log/Pole/Sap</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	81	Pole/Sap/Log	9	45	Quaking Aspen	2	Pole	6		Red Maple	17	Log/Pole/Sap	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	Witch Hazel	Low	5 - 10 feet	Tall Shrub	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																			
Black/Red (Hybrid) Oak	81	Pole/Sap/Log	9	45																																			
Quaking Aspen	2	Pole	6																																				
Red Maple	17	Log/Pole/Sap	10																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Maple	Low	10 - 20 feet	Sapling																																				
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																				
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																				
333	4112 - Maple, Beech, Cherry Association	Poletimber Medium	170.8	93	51-80	N/A	The stand is mainly maple saplings around 20 years old. The trees go from saplings up to logs. The logs are open grown oak and red maple. The ridges are lower and wetter going east and north. With some of them becoming intermittent ridges. Overall, the stand is mainly uplands with the lowlands being around 40%.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>80</td> <td>Sapling/Pole/Log</td> <td>4</td> <td>93</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Log/Pole/Sap	12		White Oak	5	Sapling	3		Red Maple	80	Sapling/Pole/Log	4	93	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																			
Black/Red (Hybrid) Oak	15	Log/Pole/Sap	12																																				
White Oak	5	Sapling	3																																				
Red Maple	80	Sapling/Pole/Log	4	93																																			
Sub-Canopy Species	Density	Avg. Height	Size																																				
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																				
335	6114 - Lowland Oak	Poletimber Medium	34.4	69	51-80	N/A	The stand is variable in wetness with the ground cover going from bracken fern to sheep laurel. 2019 Closure Comments: Harvest completed in January 2018 under sale 73-011-16, Cara Del Rastro Aspen. The stand was cut to 2" DBH. Except all oaks were left. At time of closure regeneration was sparse. Regeneration failure is not expected with this stand. Due to these factors the stand was switched from forested to non-forested.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>90</td> <td>Pole/Log</td> <td>8</td> <td>69</td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	90	Pole/Log	8	69	White Oak	10	Pole	8																								
Canopy Species	% Cover	Size Class	DBH	Age																																			
Black/Red (Hybrid) Oak	90	Pole/Log	8	69																																			
White Oak	10	Pole	8																																				
336	4122 - Oak, Pine	Sapling Medium	15.3	28	1-50	N/A	The stand was harvested in Oak Ridge Sale, 73-054-94. It was completed in 1995. The stands crown closure is now over 50%, but just barely. There is a lot of open ground both upland and lowland. The terrain is undulating.																																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>18</td> <td>Log/XLog</td> <td>17</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>12</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>70</td> <td>Sapling/Pole</td> <td>4</td> <td>28</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Pine	18	Log/XLog	17		Jack Pine	12	Sapling/Pole	4		Black/Red (Hybrid) Oak	70	Sapling/Pole	4	28																		
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Pine	18	Log/XLog	17																																				
Jack Pine	12	Sapling/Pole	4																																				
Black/Red (Hybrid) Oak	70	Sapling/Pole	4	28																																			
337	629 - Mixed non-forested wetland	Nonstocked	16.2		Immature	No	The stand is a depression that is heavy to leather leaf. There are some lowland shrubs mainly along the edges. The soils are wet with small upland knobs scattered throughout it. There are scattered oaks but mostly the stand is lowland shrubs.																																



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																													
340	4125 - Black, N. Pin Oak	Poletimber Poor	13.7	49	1-50	N/A	The stand has low density oak. The ground cover has sweet fern. The terrain is a mixture of uplands and lowlands and it is undulating. The crown closure is about 30%. The oak is open grown black oak, so it has a very poor form.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>80</td> <td>Pole/Sapling</td> <td>7</td> <td>49</td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	80	Pole/Sapling	7	49	White Oak	15	Pole/Sapling	7		Red Maple	5	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																
Black/Red (Hybrid) Oak	80	Pole/Sapling	7	49																																
White Oak	15	Pole/Sapling	7																																	
Red Maple	5	Pole/Sapling	6																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																	
341	6225 - Bog	Nonstocked	8.6		Unspecified	No	The stand is a mix of lowland shrubs and leather leaf. There are some scattered trees in the northern most unit.																													
342	6112 - Lowland Aspen	Poletimber Medium	29.3	59	51-80	N/A	Factor limit the stand as too wet. The ground cover is heavy to sheep laurel, leather leaf, with areas of bracken fern. The Western portion of the stand is hummocky and wet. It has a thick understory of red maple.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Pole/Sap/Log</td> <td>9</td> <td>59</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Pole/Sap/Log</td> <td>9</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	5	Pole/Sapling	7		Quaking Aspen	70	Pole/Sap/Log	9	59	Black/Red (Hybrid) Oak	25	Pole/Sap/Log	9		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	Red Maple	High	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																
Red Maple	5	Pole/Sapling	7																																	
Quaking Aspen	70	Pole/Sap/Log	9	59																																
Black/Red (Hybrid) Oak	25	Pole/Sap/Log	9																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																	
Red Maple	High	>20 feet	Sapling																																	
343	6112 - Lowland Aspen	Poletimber Poor	5.2	65	1-50	N/A	Factor limit the stand as too wet. The ground cover is leather leaf. The aspen is dying out opening the crown closure further. The stand does have some uplands along the north side.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Pole</td> <td>8</td> <td>65</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole</td> <td>7</td> <td>65</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	40	Pole	8	65	Black/Red (Hybrid) Oak	45	Pole	7	65	Red Maple	15	Pole/Sapling	6															
Canopy Species	% Cover	Size Class	DBH	Age																																
Quaking Aspen	40	Pole	8	65																																
Black/Red (Hybrid) Oak	45	Pole	7	65																																
Red Maple	15	Pole/Sapling	6																																	
344	6224 - Treed Bog	Nonstocked	6.6		Unspecified	No	The stand has 10-15% crown closure of stunted aspen, oak, and pine. The ground cover is sheep laurel, leatherleaf, and bracken fern.																													
345	622 - Lowland Shrub	Nonstocked	61.6		Unspecified	No	The stand has 10-15% crown closure of hybrid oak, paper birch, white oak, and red maple. There is a small ridge in the stand.																													
346	6224 - Treed Bog	Nonstocked	1.4		Unspecified	No	The stand has aspen scattered throughout.																													
347	310 - Herbaceous Openland	Nonstocked	4.4		Unspecified	No	The stand is a ridge of blueberry and bracken fern. There is scattered hybrid oak and white oak.																													
349	6229 - Mixed lowland shrub	Nonstocked	8.7		Unspecified	No	The stand could be 2 stands, 1 being a leather leaf and the other being low density trees on islands. However, as a functional unit keep them together.																													
350	6113 - Lowland Maple	Poletimber Medium	14.6	108	51-80	N/A	The ash in the stand is gone. The crown closure goes from 25% to 100%. It has an average of around 70%. The terrain is hummocky.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>88</td> <td>Pole/Sap/Log</td> <td>8</td> <td>108</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log</td> <td>14</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Log</td> <td>13</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	88	Pole/Sap/Log	8	108	Black/Red (Hybrid) Oak	10	Log	14		Quaking Aspen	2	Log	13		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	5 - 10 feet	Tall Shrub	Red Maple	Medium	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																
Red Maple	88	Pole/Sap/Log	8	108																																
Black/Red (Hybrid) Oak	10	Log	14																																	
Quaking Aspen	2	Log	13																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Tag Alder	Low	5 - 10 feet	Tall Shrub																																	
Red Maple	Medium	>20 feet	Sapling																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
351	42121 - Planted Jack Pine, Mixed Deciduous	Sapling Medium	8.6	26	Immature	N/A	The stand is planted jack pine. They are mixed with oak saplings. The stand is a ridge that slopes steeply down at points along the ridge.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>70</td> <td>Sapling/Pole</td> <td>3</td> <td>26</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	25	Sapling/Pole	3		White Oak	5	Sapling/Pole	4		Jack Pine	70	Sapling/Pole	3	26	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	25	Sapling/Pole	3																																					
White Oak	5	Sapling/Pole	4																																					
Jack Pine	70	Sapling/Pole	3	26																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																					
353	629 - Mixed non-forested wetland	Nonstocked	2.9		Immature	No	The stand is predominantly mixed lowland trees with a tag alder understory. The crown closure is less than 20%. The stand is too wet to manage.																																	
354	4125 - Black, N. Pin Oak	Poletimber Poor	8.7	59	1-50	N/A	2019 Closure Comments: The harvest was completed in January of 2018 under sale 73-011-16, Cara Del Rastro Aspen. The stand was cut 2" DBH, except for the oak. Residual oak BA was measured at 27.5 sq. ft. At time of closure regeneration was minimal however enough residual was present to maintain the stand as forested. Currently the regeneration is a little patchy. It is good along the Sterling Truck Trail and gets sparser when you pull away from the trail. Overall, it has regenerated.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>100</td> <td>Pole/Sap/Log</td> <td>7</td> <td>59</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	100	Pole/Sap/Log	7	59	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	High	5 - 10 feet	Sapling																		
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	100	Pole/Sap/Log	7	59																																				
Sub-Canopy Species	Density	Avg. Height	Size																																					
Bigtooth Aspen	High	5 - 10 feet	Sapling																																					
355	4125 - Black, N. Pin Oak	Poletimber Medium	15.1	47	1-50	N/A	The terrain is undulating. There are a couple of wet areas.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>81</td> <td>Pole/Sap/Log</td> <td>8</td> <td>47</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>19</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	81	Pole/Sap/Log	8	47	Bigtooth Aspen	19	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	Witch Hazel	Low	5 - 10 feet	Tall Shrub										
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	81	Pole/Sap/Log	8	47																																				
Bigtooth Aspen	19	Pole	7																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																					
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																					
356	6220 - Alder/willow	Nonstocked	7.4		Unspecified	No	The stand is predominantly tag alder. There is an island of upland in the center. It is less than one acre in size.																																	
357	629 - Mixed non-forested wetland	Nonstocked	10.8		Unspecified	No	The stand is a 50/50 mix of tag alder/willow and marsh.																																	
359	4125 - Black, N. Pin Oak	Sapling Poor	26.9	28	1-50	N/A	The stand was harvested in Oak Ridge Sale 73-054-94. It was completed in 1995. The regeneration had heavy deer browse. The crown closure is now close to 25%.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>100</td> <td>Sapling</td> <td>3</td> <td>28</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	100	Sapling	3	28																												
Canopy Species	% Cover	Size Class	DBH	Age																																				
Black/Red (Hybrid) Oak	100	Sapling	3	28																																				
360	6112 - Lowland Aspen	Poletimber Medium	8.4	59	1-50	N/A	Factor limit the stand as too wet. The ground cover is leather leaf. There are some inclusions of uplands mainly along the edges and a few knobs.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>86</td> <td>Pole</td> <td>9</td> <td>59</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>4</td> <td>Log/Pole</td> <td>12</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	10	Pole/Sapling	7		Quaking Aspen	86	Pole	9	59	Black/Red (Hybrid) Oak	4	Log/Pole	12		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	High	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																				
Red Maple	10	Pole/Sapling	7																																					
Quaking Aspen	86	Pole	9	59																																				
Black/Red (Hybrid) Oak	4	Log/Pole	12																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Red Maple	Low	10 - 20 feet	Sapling																																					
Black/Red (Hybrid) Oak	High	Variable	Sapling																																					
361	6225 - Bog	Nonstocked	35.3		Immature	No	The stand has low quality aspen clones. The crown closure is less than 15%.																																	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
362	4130 - Aspen	Sapling Medium	11.6	11	Immature	N/A	The stand was cut in the winter 2013/2014. Natural regeneration survey was done June 2018. The terrain is hummocky. The stand density is variable going from 0 to 100%. The eastern edge is wet and has a lower density.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>11</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	55	Sapling	1	11	Black/Red (Hybrid) Oak	10	Sapling	1		Red Maple	20	Sapling	1		Bigtooth Aspen	15	Sapling	1												
Canopy Species	% Cover	Size Class	DBH	Age																																							
Quaking Aspen	55	Sapling	1	11																																							
Black/Red (Hybrid) Oak	10	Sapling	1																																								
Red Maple	20	Sapling	1																																								
Bigtooth Aspen	15	Sapling	1																																								
363	6225 - Bog	Nonstocked	3.0		Unspecified	No	This stand is a depression of mainly leather leaf.																																				
364	6220 - Alder/willow	Nonstocked	30.6		Unspecified	No	The stand is at the base of a ridge. The tag alder is dense and tall. Its over 10' tall. Also, there are some scattered maple and oak. 01/11/2019 - Shooltz: Survey date was updated to satisfy a MiFI error which associated stand 335's monitoring treatment with this stand.																																				
365	622 - Lowland Shrub	Nonstocked	14.9		Unspecified	No	The stand is more of a lowland shrub type. It has scattered hybrid oak, maple, and aspen. Most of those trees are concentrated along the perimeter.																																				
366	4199 - Other Mixed Upland Deciduous	Sapling Poor	39.8	21	Immature	N/A	The stand was burned to stimulate the production of soft mast species. This area was rotationally burned. It was burned in 2000-2001 and in April of 2022. The burn also stimulated oak regeneration. The western most leg is still open but the rest is filling in.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Tamarack</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Choke Cherry</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Sapling</td> <td>1</td> <td>21</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Tamarack	15	Sapling	1		Red Maple	5	Sapling	1		Choke Cherry	25	Sapling	3		Black/Red (Hybrid) Oak	55	Sapling	1	21											
Canopy Species	% Cover	Size Class	DBH	Age																																							
Tamarack	15	Sapling	1																																								
Red Maple	5	Sapling	1																																								
Choke Cherry	25	Sapling	3																																								
Black/Red (Hybrid) Oak	55	Sapling	1	21																																							
367	42210 - Natural Red Pine	Sawtimber Poor	8.1	64	1-50	N/A	The stand was cut in I-75 Harvest, sale 73-006-10. It was cut in the winter of 2014/2015. It was harvested as a seed tree/shelter wood retaining 30 BA. The oak has regenerated well in the understory. There is also significant red pine regeneration in pockets.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Pine</td> <td>90</td> <td>Log</td> <td>15</td> <td>64</td> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Log/Pole</td> <td>12</td> <td></td> <td>Red Pine</td> <td>Low</td> <td>< 5 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Pine	90	Log	15	64	White Oak	Low	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	10	Log/Pole	12		Red Pine	Low	< 5 feet	Sapling						Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Pine	90	Log	15	64	White Oak	Low	5 - 10 feet	Sapling																																			
Black/Red (Hybrid) Oak	10	Log/Pole	12		Red Pine	Low	< 5 feet	Sapling																																			
					Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling																																			
368	4310 - Pine, Oak Mix	Sawtimber Poor	16.0	44	1-50	N/A	The stand has a dry ridge along the east side. It gets a little wetter heading to the west. There are patches of poor-quality aspen and scattered residual mature oak. The understory varies from leather leaf, holly, and alder to bracken fern. The uplands make up about 55%.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Log/Pole/Sap</td> <td>13</td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Red Pine</td> <td>55</td> <td>Log/Pole/Sap</td> <td>13</td> <td>44</td> <td>Red Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>5</td> <td>44</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	35	Log/Pole/Sap	13		Black/Red (Hybrid) Oak	Medium	Variable	Sapling	Red Pine	55	Log/Pole/Sap	13	44	Red Pine	Low	5 - 10 feet	Sapling	Quaking Aspen	10	Pole	5	44				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Black/Red (Hybrid) Oak	35	Log/Pole/Sap	13		Black/Red (Hybrid) Oak	Medium	Variable	Sapling																																			
Red Pine	55	Log/Pole/Sap	13	44	Red Pine	Low	5 - 10 feet	Sapling																																			
Quaking Aspen	10	Pole	5	44																																							
369	622 - Lowland Shrub	Nonstocked	5.7		Unspecified	No	The crown closure is between 15 and 20%. The stand is lowland. It is predominantly lowland shrub east and swamp hardwood seedling/sapling over alder west.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
371	4131 - Aspen, Oak	Sapling Well	9.7	21	Immature	N/A	The stand was clearcut in the winter 2002/2003. It has regenerated well. The East 2/3 is mainly offsite quaking aspen. The stand becomes more oak heading west.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>70</td> <td>Sapling</td> <td>2</td> <td>21</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	2		Black/Red (Hybrid) Oak	20	Sapling	2		Quaking Aspen	70	Sapling	2	21																									
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	10	Sapling	2																																											
Black/Red (Hybrid) Oak	20	Sapling	2																																											
Quaking Aspen	70	Sapling	2	21																																										
372	4130 - Aspen	Poletimber Poor	25.1	42	51-80	N/A	The stand is predominantly quaking aspen with an understory of oak. The terrain is hummocky. The west half is more upland than the east half. The East half has pockets of leatherleaf.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>90</td> <td>Pole/Sapling</td> <td>6</td> <td>42</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	10	Pole	8		Quaking Aspen	90	Pole/Sapling	6	42	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling	White Oak	Medium	5 - 10 feet	Sapling	01/11/2019 - Shooltz: Survey date updated to satisfy MiFI data error. Stand 374's treatment was somehow associated with this stand during the closure process.															
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	10	Pole	8																																											
Quaking Aspen	90	Pole/Sapling	6	42																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling																																											
White Oak	Medium	5 - 10 feet	Sapling																																											
374	4126 - White, Black, N. Pin Oak	Poletimber Medium	28.6	42	1-50	N/A	2019 Closure Comments: The stand was harvested under sale 73-011-16, Cara Del Rastro Aspen. The stand was cut 2" DBH, except for green marked trees, oak under 4", white oak, and white pine. The residual BA was measured at 11 sq. ft. At time of closure regeneration was minimal. However, enough residual was present to maintain the stand as forested.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>55</td> <td>Sapling/Pole/Log</td> <td>4</td> <td>42</td> </tr> <tr> <td>White Oak</td> <td>35</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	55	Sapling/Pole/Log	4	42	White Oak	35	Sapling/Pole	4		Bigtooth Aspen	10	Sapling	1		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>White Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling	White Oak	Medium	5 - 10 feet	Sapling	The regeneration is coming in quite well now and has increased the crown closure to around 50%.										
Canopy Species	% Cover	Size Class	DBH	Age																																										
Northern Pin Oak	55	Sapling/Pole/Log	4	42																																										
White Oak	35	Sapling/Pole	4																																											
Bigtooth Aspen	10	Sapling	1																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																											
White Oak	Medium	5 - 10 feet	Sapling																																											
376	4131 - Aspen, Oak	Sapling Poor	26.9	6	1-50	N/A	There is a two-track leading to the east end. Currently the regeneration is patchy but it is at a medium stocking level.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> <tr> <td>White Oak</td> <td>15</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td>42</td> </tr> <tr> <td>Quaking Aspen</td> <td>40</td> <td>Sapling</td> <td>1</td> <td>6</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	25	Sapling	1	6	White Oak	15	Sapling/Pole	4		Northern Pin Oak	20	Sapling/Pole	4	42	Quaking Aspen	40	Sapling	1	6	2019 Closure Comments: Harvested in January of 2018 under sale 73-011-16-01, Cara Del Rastro Aspen. Unit 5: cut all trees 2" and up except for green marked trees, oak under 4", white pine, and white oak. The residual BA was measured at 8 sq. ft. The regeneration was checked in October 2018, regeneration was minimal. However, the residual has a crown closure over 25% making it a forested stand. Residual from this harvest serves as retention.																			
Canopy Species	% Cover	Size Class	DBH	Age																																										
Bigtooth Aspen	25	Sapling	1	6																																										
White Oak	15	Sapling/Pole	4																																											
Northern Pin Oak	20	Sapling/Pole	4	42																																										
Quaking Aspen	40	Sapling	1	6																																										
378	4130 - Aspen	Poletimber Well	49.1	33	51-80	N/A	The stand was harvested in Sterling 75, sale 73-028-90, the cut was completed in 1993. It appears that Autumn Olive was planted along the access road. There are several ridges that slope down to lower wetter ground. The uplands are around 85% of the stand.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	40	Pole/Sapling	5		Quaking Aspen	45	Pole/Sapling	5	33	Red Maple	15	Sapling	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Autumn Olive</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Autumn Olive	Low	5 - 10 feet	Tall Shrub	White Oak	Low	5 - 10 feet	Sapling	Red Maple	High	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling			
Canopy Species	% Cover	Size Class	DBH	Age																																										
Bigtooth Aspen	40	Pole/Sapling	5																																											
Quaking Aspen	45	Pole/Sapling	5	33																																										
Red Maple	15	Sapling	3																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Autumn Olive	Low	5 - 10 feet	Tall Shrub																																											
White Oak	Low	5 - 10 feet	Sapling																																											
Red Maple	High	10 - 20 feet	Sapling																																											
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																											
379	6112 - Lowland Aspen	Poletimber Poor	11.0	43	1-50	N/A	The stand has a lot of oak regeneration in it besides the more mature aspen and oak. The crown closure is around 30%. The stand does have slight ridges. Also, the stand is hummocky on the more level areas.																																							
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>7</td> <td>43</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>55</td> <td>Pole/Sapling</td> <td>6</td> <td>43</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	45	Pole/Sapling	7	43	Black/Red (Hybrid) Oak	55	Pole/Sapling	6	43	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Full	5 - 10 feet	Tall Shrub																				
Canopy Species	% Cover	Size Class	DBH	Age																																										
Quaking Aspen	45	Pole/Sapling	7	43																																										
Black/Red (Hybrid) Oak	55	Pole/Sapling	6	43																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Deciduous Shrubs	Full	5 - 10 feet	Tall Shrub																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																				
380	4199 - Other Mixed Upland Deciduous	Poletimber Medium	22.3	44	81-110	N/A	The stand is a mixed bag. It goes from seedlings up to logs. May want to harvest the stand early to ensure regeneration.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Pole</td> <td>6</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole/Sap/Log</td> <td>7</td> <td>44</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	White Oak	10	Pole/Sapling	6		Quaking Aspen	30	Pole	6		Black/Red (Hybrid) Oak	45	Pole/Sap/Log	7	44	Red Maple	15	Pole/Sapling	5												
Canopy Species	% Cover	Size Class	DBH	Age																																							
White Oak	10	Pole/Sapling	6																																								
Quaking Aspen	30	Pole	6																																								
Black/Red (Hybrid) Oak	45	Pole/Sap/Log	7	44																																							
Red Maple	15	Pole/Sapling	5																																								
381	4125 - Black, N. Pin Oak	Sawtimber Poor	13.2	94	1-50	N/A	The stand was harvested in the winter 2014/2015. The harvest was a seed tree retaining 20 BA. The stand has regenerated fairly well to a medium stocking in the understory. It is a good mix of hybrid oak, white oak, with occasional white pine and aspen.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>15</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> <td>White Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>85</td> <td>Log/Pole</td> <td>13</td> <td>94</td> <td>Red Maple</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	White Oak	15	Pole/Log/Sap	9		White Oak	Medium	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	85	Log/Pole	13	94	Red Maple	Low	5 - 10 feet	Sapling						Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
White Oak	15	Pole/Log/Sap	9		White Oak	Medium	5 - 10 feet	Sapling																																			
Black/Red (Hybrid) Oak	85	Log/Pole	13	94	Red Maple	Low	5 - 10 feet	Sapling																																			
					Black/Red (Hybrid) Oak	High	5 - 10 feet	Sapling																																			
382	4131 - Aspen, Oak	Poletimber Well	31.6	31	81-110	N/A	The stand has a lot of oak and maple seedlings in the understory. It is predominantly upland, but there are lowland pockets scattered throughout. The crown closure is closer to 75%.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td></td> <td>Red Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>7</td> <td></td> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>50</td> <td>Pole/Sapling</td> <td>6</td> <td>31</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	25	Pole/Sapling	5		Red Maple	Full	10 - 20 feet	Sapling	Bigtooth Aspen	25	Pole/Sapling	7		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling	Quaking Aspen	50	Pole/Sapling	6	31				
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Black/Red (Hybrid) Oak	25	Pole/Sapling	5		Red Maple	Full	10 - 20 feet	Sapling																																			
Bigtooth Aspen	25	Pole/Sapling	7		Black/Red (Hybrid) Oak	Medium	10 - 20 feet	Sapling																																			
Quaking Aspen	50	Pole/Sapling	6	31																																							
383	6113 - Lowland Maple	Poletimber Medium	26.7	84	1-50	N/A	The stand is adjacent to I-75. The Aspen and ash are now gone. Most of the stand is now lowland shrubs. The crown closure is closer to 30%. The ground cover is dense tag alder and holly. The stand is too wet to harvest.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>65</td> <td>Pole/Log/Sap</td> <td>6</td> <td>84</td> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Log/Pole</td> <td>10</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>25</td> <td>Pole/Log/Sap</td> <td>7</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	65	Pole/Log/Sap	6	84	Tag Alder	High	5 - 10 feet	Tall Shrub	Quaking Aspen	10	Log/Pole	10						Black/Red (Hybrid) Oak	25	Pole/Log/Sap	7					
Canopy Species	% Cover	Size Class	DBH	Age	Sub-Canopy Species	Density	Avg. Height	Size																																			
Red Maple	65	Pole/Log/Sap	6	84	Tag Alder	High	5 - 10 feet	Tall Shrub																																			
Quaking Aspen	10	Log/Pole	10																																								
Black/Red (Hybrid) Oak	25	Pole/Log/Sap	7																																								
384	4131 - Aspen, Oak	Sapling Well	16.9	9	Immature	N/A	The stand was harvested in I-75 Harvest, sale 73-006-10. It was harvested in 2015. There is significant residual. The crown closure is around 25%. The stand is a mix of residual small diameter oak and aspen. It is expected to regenerate with aspen especially along the edges. The stand is predominantly a ridge but it does have low depressions toward the north and east edges.																																				
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Sapling/Pole</td> <td>1</td> <td>9</td> </tr> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>5</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>45</td> <td>Sapling</td> <td>1</td> <td>9</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>White Oak</td> <td>10</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	15	Sapling/Pole	1	9	Red Maple	10	Sapling	1		Red Pine	5	Sapling	1		Quaking Aspen	45	Sapling	1	9	Bigtooth Aspen	15	Sapling	1		White Oak	10	Sapling	1		
Canopy Species	% Cover	Size Class	DBH	Age																																							
Black/Red (Hybrid) Oak	15	Sapling/Pole	1	9																																							
Red Maple	10	Sapling	1																																								
Red Pine	5	Sapling	1																																								
Quaking Aspen	45	Sapling	1	9																																							
Bigtooth Aspen	15	Sapling	1																																								
White Oak	10	Sapling	1																																								
385	3104 - Degraded	Nonstocked	9.3		Unspecified	No	The stand has been degraded by vehicles and ORVs exposing mineral soil.																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																										
386	4131 - Aspen, Oak	Sapling Medium	17.2	9	1-50	N/A	The stand was cut in I-75 Harvest, in 73-006-10. The stand was harvested in the winter of 2014/2015. The terrain is hummocky. It has a good understory of aspen, maple, and oak.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Sapling</td> <td>1</td> <td>9</td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td>99</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Oak	10	Pole/Sapling	6		Bigtooth Aspen	45	Sapling	1	9	Red Maple	15	Sapling	1		Black/Red (Hybrid) Oak	30	Pole/Sapling	6	99																							
Canopy Species	% Cover	Size Class	DBH	Age																																													
White Oak	10	Pole/Sapling	6																																														
Bigtooth Aspen	45	Sapling	1	9																																													
Red Maple	15	Sapling	1																																														
Black/Red (Hybrid) Oak	30	Pole/Sapling	6	99																																													
387	4130 - Aspen	Sapling Well	14.0	21	Immature	N/A	The stand was clearcut in 2003. It is predominantly a ridge. However, it does have low depressions toward the north and east edges. The ground cover varies from grass to witch hazel.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>48</td> <td>Sapling</td> <td>3</td> <td>21</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Sapling	2		Bigtooth Aspen	48	Sapling	3	21	Black/Red (Hybrid) Oak	2	Log	12		Red Maple	20	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>White Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	White Oak	Low	5 - 10 feet	Sapling	Red Maple	High	5 - 10 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																													
Quaking Aspen	30	Sapling	2																																														
Bigtooth Aspen	48	Sapling	3	21																																													
Black/Red (Hybrid) Oak	2	Log	12																																														
Red Maple	20	Sapling	2																																														
Sub-Canopy Species	Density	Avg. Height	Size																																														
White Oak	Low	5 - 10 feet	Sapling																																														
Red Maple	High	5 - 10 feet	Sapling																																														
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																														
388	622 - Lowland Shrub	Nonstocked	8.6		Unspecified	No	The stand looks to have a component of swamp hardwoods. Overall, it is still a lowland shrub type.																																										
389	6113 - Lowland Maple	Sawtimber Poor	36.8	104	81-110	N/A	The stand is low and wet. The terrain is hummocky. The ash is now gone. What is left is mainly maple and aspen. The soils are too wet to manage.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>100</td> <td>Log/Pole/Sap</td> <td>11</td> <td>104</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	100	Log/Pole/Sap	11	104	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	Variable	Sapling	Tag Alder	Medium	5 - 10 feet	Tall Shrub																								
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	100	Log/Pole/Sap	11	104																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Red Maple	Low	Variable	Sapling																																														
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																														
390	4130 - Aspen	Poletimber Well	31.4	40	81-110	N/A	The stand was harvested in 1984. The ground cover is bracken ferns. There are some maples in the understory. There are pockets of windthrow in the stand. They have regenerated to oak, aspen, and maple. The stand could be a candidate for early harvest if needed. There are some low pockets that are heavy to alder.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>White Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Pole</td> <td>8</td> <td>40</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Pole/Sapling	5		Quaking Aspen	20	Pole	7		Black/Red (Hybrid) Oak	10	Pole/Sapling	6		White Oak	5	Pole/Sapling	6		Bigtooth Aspen	60	Pole	8	40	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub	Red Maple	High	Variable	Sapling				
Canopy Species	% Cover	Size Class	DBH	Age																																													
Red Maple	5	Pole/Sapling	5																																														
Quaking Aspen	20	Pole	7																																														
Black/Red (Hybrid) Oak	10	Pole/Sapling	6																																														
White Oak	5	Pole/Sapling	6																																														
Bigtooth Aspen	60	Pole	8	40																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																														
Red Maple	High	Variable	Sapling																																														
392	6113 - Lowland Maple	Sawtimber Medium	12.2	99	1-50	N/A	The stand was harvested in I-75 Harvest, in 73-006-10. The trees were cut in the winter of 2014/2015. The harvest was a shelterwood retaining 50 BA. There is some wind throw.																																										
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>80</td> <td>Log/Pole/Sap</td> <td>10</td> <td>99</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	20	Pole/Log/Sap	8		Red Maple	80	Log/Pole/Sap	10	99	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																							
Canopy Species	% Cover	Size Class	DBH	Age																																													
Black/Red (Hybrid) Oak	20	Pole/Log/Sap	8																																														
Red Maple	80	Log/Pole/Sap	10	99																																													
Sub-Canopy Species	Density	Avg. Height	Size																																														
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																														
393	629 - Mixed non-forested wetland	Nonstocked	9.7		Unspecified	No	The stand appears to have been part of a beaver pond around 1998. It has since drained and is now somewhat dry and made up of marsh grass and lowland shrubs.																																										



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
395	4130 - Aspen	Sapling Well	48.9	21	Immature	N/A	The stand was clearcut in the winter of 2002/2003. It has excellent regeneration. The terrain is undulating.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>70</td> <td>Sapling</td> <td>4</td> <td>21</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	5	Sapling	3		Quaking Aspen	25	Sapling	3		Bigtooth Aspen	70	Sapling	4	21	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Full</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Full	10 - 20 feet	Sapling	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	5	Sapling	3																																									
Quaking Aspen	25	Sapling	3																																									
Bigtooth Aspen	70	Sapling	4	21																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Red Maple	Full	10 - 20 feet	Sapling																																									
Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling																																									
396	622 - Lowland Shrub	Nonstocked	2.3		Unspecified	No	The stand is a depression of alder shrubs. There are some scattered trees along the south edge.																																					
397	4130 - Aspen	Sapling Well	5.3	8	Immature	N/A	The stand was cut in I-75 Harvest, in sale 73-006-10. It was cut in the winter of 2014/2015. The clearcut retained the oak. The stand has regenerated.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>50</td> <td>Sapling</td> <td>1</td> <td>8</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Log</td> <td>12</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>25</td> <td>Sapling</td> <td>1</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>20</td> <td>Sapling</td> <td>1</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	50	Sapling	1	8	Black/Red (Hybrid) Oak	5	Log	12		Quaking Aspen	25	Sapling	1		Red Maple	20	Sapling	1																			
Canopy Species	% Cover	Size Class	DBH	Age																																								
Bigtooth Aspen	50	Sapling	1	8																																								
Black/Red (Hybrid) Oak	5	Log	12																																									
Quaking Aspen	25	Sapling	1																																									
Red Maple	20	Sapling	1																																									
398	6229 - Mixed lowland shrub	Nonstocked	10.8		Unspecified	No	The stand is a mix of sheep laurel and alder. The terrain is hummocky. There is scattered oak and tamarack. It may eventually become a low stocking of swamp hardwoods, but at the current time it is just lowland shrubs.																																					
399	6113 - Lowland Maple	Sapling Poor	4.7	21	Immature	N/A	The crown closure is right around 25% so it is just forested. Much of the stand is lowland shrub. It appears to be very wet.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>80</td> <td>Sapling</td> <td>2</td> <td>21</td> </tr> <tr> <td>Quaking Aspen</td> <td>20</td> <td>Sapling</td> <td>3</td> <td>21</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	80	Sapling	2	21	Quaking Aspen	20	Sapling	3	21	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Full	5 - 10 feet	Tall Shrub																		
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	80	Sapling	2	21																																								
Quaking Aspen	20	Sapling	3	21																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Deciduous Shrubs	Full	5 - 10 feet	Tall Shrub																																									
400	4126 - White, Black, N. Pin Oak	Poletimber Poor	28.0	30	Immature	N/A	The stand was cut in I-75 Harvest, sale 73-006-10. It was harvested as a clearcut with reserves, retaining oaks. The cut was completed in 2015. The oak retain was significant, but some aspen is expected to regenerate in the openings and along the edges. The stand is starting to regenerate. The terrain is hummocky.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>65</td> <td>Pole/Sap/Log</td> <td>5</td> <td>30</td> </tr> <tr> <td>White Oak</td> <td>35</td> <td>Pole/Sap/Log</td> <td>5</td> <td>30</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	65	Pole/Sap/Log	5	30	White Oak	35	Pole/Sap/Log	5	30	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Quaking Aspen</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling	Quaking Aspen	Low	5 - 10 feet	Sapling	Red Maple	Medium	5 - 10 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																								
Black/Red (Hybrid) Oak	65	Pole/Sap/Log	5	30																																								
White Oak	35	Pole/Sap/Log	5	30																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Black/Red (Hybrid) Oak	Medium	5 - 10 feet	Sapling																																									
Quaking Aspen	Low	5 - 10 feet	Sapling																																									
Red Maple	Medium	5 - 10 feet	Sapling																																									
401	6112 - Lowland Aspen	Poletimber Well	20.5	40	81-110	N/A	The stand is about a 50/ 50 mix of uplands to lowlands from the imagery. The density is variable with the crown closure going from 100% down to 70%.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Pole</td> <td>7</td> <td>40</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>5</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	65	Pole	7	40	Bigtooth Aspen	15	Pole	7		White Pine	5	Pole/Log/Sap	9		Red Maple	15	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Musclewood/Hornbeam</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Musclewood/Hornbeam	High	10 - 20 feet	Sapling	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																								
Quaking Aspen	65	Pole	7	40																																								
Bigtooth Aspen	15	Pole	7																																									
White Pine	5	Pole/Log/Sap	9																																									
Red Maple	15	Pole/Sapling	6																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Musclewood/Hornbeam	High	10 - 20 feet	Sapling																																									
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
402	4130 - Aspen	Sapling Well	33.2	21	Immature	N/A	The stand was harvested in the winter of 2002/2003. It has regenerated well, but there are inclusions of marsh grass. The stand is about 70% uplands.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		15	Sapling	2		Michigan Holly		
Bigtooth Aspen		55	Sapling	2	21	Medium		
Black/Red (Hybrid) Oak		5	Sapling	1		5 - 10 feet		
Quaking Aspen		25	Sapling	2		Tall Shrub		
403	6113 - Lowland Maple	Sawtimber Medium	10.9	89	81-110	N/A	The stand is predominantly lowland with some upland ridges. The terrain is hummocky. It has a good understory of maple and oak. The crown closure goes from 100% down to 60%. The stand gets wetter going northeast.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Black/Red (Hybrid) Oak		10	Pole/Sapling	5		Red Maple		
White Pine		15	Pole/Sap/Log	6		White Oak		
Red Maple		75	Log/Pole/Sap	11	89	Black/Red (Hybrid) Oak		
						Tag Alder		
404	42110 - Planted Red Pine	Sawtimber Well	2.1	76	141-170	N/A	This stand is a small pocket of planted red pine. Thinning by removing 1/3 the volume. Hardwoods are filling into the stand in the understory.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		5	Pole/Sapling	6		Red Maple		
Quaking Aspen		5	Log	12		Deciduous Shrubs		
Red Pine		90	Log/Pole	12	76	Black/Red (Hybrid) Oak		
						Low		
405	622 - Lowland Shrub	Nonstocked	9.8		Unspecified	No	The stand is mainly lowland shrubs with scattered oaks and quaking aspens.	
406	6112 - Lowland Aspen	Sapling Medium	36.8	7	Immature	N/A	2019 Closure Comments: The stand was harvested in August of 2018 under sale 73-011-16-01, Cara Del Rastro Aspen. All trees were cut 2" DBH, except for green marked trees and all cedar were left. 44 leave trees were marked with green paint. In addition to area retention a buffer was established around the adjacent wildlife opening. As of October of 2018, the aspen component in the east end was successfully regenerating. The two-track that goes to the wildlife opening passes through it. The regeneration is patchy. There are areas that were heavily disturbed when harvested. The east side has a very good density of aspen. The stand is about 50% lowlands.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		60	Sapling	1	7			
Choke Cherry		3	Sapling	1	7			
Black/Red (Hybrid) Oak		30	Sapling	1	7			
White Oak		7	Sapling	1				
407	310 - Herbaceous Openland	Nonstocked	6.9		Immature	Managed Opening	The stand is a maintained wildlife opening. It does have a lot of spotted knapweed in it.	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
408	4130 - Aspen	Sapling Well	31.9	21	Immature	N/A	The stand was harvested in the winter of 2002/2003. The stand is mostly upland. There are depressions in the north half and a drainage in the south half.
Canopy Species		% Cover	Size Class		DBH	Age	
Bigtooth Aspen		60	Sapling/Pole		4	21	
Black/Red (Hybrid) Oak		5	Sapling		2		
Quaking Aspen		15	Sapling/Pole		4		
Red Maple		10	Sapling		3		
Paper Birch		10	Sapling		3		
Sub-Canopy Species		Density	Avg. Height		Size		
Red Maple		Medium	10 - 20 feet		Sapling		
409	4199 - Other Mixed Upland Deciduous	Sapling Well	6.7	21	1-50	N/A	The stand is a ridge. There are some sawlog trees. Most of the stand is sapling birch; pole/sapling sized aspen; and sapling maple.
Canopy Species		% Cover	Size Class		DBH	Age	
Paper Birch		40	Sapling		2		
Black/Red (Hybrid) Oak		5	Pole/Sap/Log		8		
Red Maple		40	Sapling		3	21	
Quaking Aspen		15	Pole/Sapling		5		
Sub-Canopy Species		Density	Avg. Height		Size		
Red Maple		Medium	>20 feet		Sapling		
Black/Red (Hybrid) Oak		Low	10 - 20 feet		Sapling		
410	4130 - Aspen	Poletimber Well	20.2	40	111-140	N/A	The stand was harvested in Sterling 75, sale 73-028-90. The cut was completed in 1993. The aspen has moved into poles. The stand has a component of red maple, oak, and birch. There are some pockets of sensitive ferns in the low areas.
Canopy Species		% Cover	Size Class		DBH	Age	
Red Maple		15	Pole/Sapling		7		
Paper Birch		5	Pole/Sapling		6		
Bigtooth Aspen		60	Pole		8	40	
Quaking Aspen		20	Pole		7		
Sub-Canopy Species		Density	Avg. Height		Size		
Red Maple		Low	10 - 20 feet		Sapling		
Deciduous Shrubs		Medium	5 - 10 feet		Tall Shrub		
411	4130 - Aspen	Sapling Well	31.0	21	1-50	N/A	The stand was clearcut in 2003. Most of it is upland with dense aspen regeneration and some oak. The terrain is undulating. The stand has open areas. They get more common going north.
Canopy Species		% Cover	Size Class		DBH	Age	
Bigtooth Aspen		45	Sapling/Pole		3	21	
Quaking Aspen		25	Sapling/Pole		3		
Black/Red (Hybrid) Oak		10	Sapling/Pole		3		
White Pine		5	Sapling		3		
Red Maple		15	Sapling		3		
Sub-Canopy Species		Density	Avg. Height		Size		
Black/Red (Hybrid) Oak		Low	5 - 10 feet		Sapling		
White Pine		Low	5 - 10 feet		Sapling		
White Oak		Low	5 - 10 feet		Sapling		
412	4130 - Aspen	Poletimber Well	37.5	40	111-140	N/A	Southeast end has a few small marsh types and dense maple understory. There are also 2 small white pine patches in the northwest end. The stand is undulating. It has some lowland depressions.
Canopy Species		% Cover	Size Class		DBH	Age	
Bigtooth Aspen		45	Pole		8	40	
White Oak		8	Sapling/Pole		4		
Black/Red (Hybrid) Oak		2	Sapling		3		
Quaking Aspen		35	Pole/Sapling		6		
Red Maple		10	Sapling/Pole		3		
Sub-Canopy Species		Density	Avg. Height		Size		
Red Maple		High	10 - 20 feet		Sapling		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
-------	--------------------	--------------	-------	-----------	----------	--------------	------------------

413	4130 - Aspen	Sapling Well	19.7	21	Immature	N/A	The stand was harvested in the winter of 2002/2003. The regeneration is good overall but there are patches of low density. The stand is undulating. It has a trace of white pine, white oak, and hybrid oak.
------------	--------------	--------------	------	----	----------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Black/Red (Hybrid) Oak	1	Sapling	2	
Bigtooth Aspen	50	Sapling/Pole	4	21
Quaking Aspen	25	Sapling/Pole	3	
Red Maple	15	Sapling	3	
Paper Birch	8	Sapling	2	
White Oak	1	Sapling	2	

Sub-Canopy Species	Density	Avg. Height	Size
Witch Hazel	Medium	5 - 10 feet	Tall Shrub

414	6112 - Lowland Aspen	Poletimber Well	9.6	40	111-140	N/A	The stand grades from uplands to lowlands. It is coming along well. It could be a candidate for early harvest if needed. The terrain is undulating.
------------	----------------------	-----------------	-----	----	---------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Pole/Sapling	6	
Quaking Aspen	20	Pole	7	
Bigtooth Aspen	65	Pole	8	40

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Medium	10 - 20 feet	Sapling

415	4130 - Aspen	Sapling Medium	120.3	7	Immature	N/A	The stand was harvested in August of 2017 under sale 73-011-16-01, Cara Del Rastro Aspen. It was harvested down to 2" DBH. Scattered white oak & red/hybrid oak were marked for retention, as well as area retention. The upland areas have successfully regenerated to aspen. The regeneration is patchy overall. It is fully stocked at the north and south ends. The middle has some large areas that are poorly stocked. There are also areas of significant rutting in the wetter ground. The wetter areas are also where the regeneration is the poorest.
------------	--------------	----------------	-------	---	----------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	75	Sapling	1	7
Quaking Aspen	21	Sapling	1	7
Paper Birch	2	Sapling	1	7
White Oak	2	Log	12	

416	6225 - Bog	Nonstocked	2.5		Unspecified	No	This stand is a narrow depression of leather leaf with birch and white pine. The trees are mainly along the perimeter. The crown closure is right around 15%.
------------	------------	------------	-----	--	-------------	----	---

417	4130 - Aspen	Sapling Well	14.3	22	Immature	N/A	The stand was harvested in the winter of 2001/2002. The regeneration is variable with the low-lying areas having low regeneration. The stand is mostly upland with some drains going through it.
------------	--------------	--------------	------	----	----------	-----	--

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20	Sapling	3	
Red Maple	20	Sapling	3	
Bigtooth Aspen	60	Sapling	4	22

Sub-Canopy Species	Density	Avg. Height	Size
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub

418	4130 - Aspen	Poletimber Well	141.0	31	51-80	N/A	The stand was harvested in Sterling 75, sale 73-028-90. The harvest was completed in 1993. The stand has dense aspen with some oak on ridges; quaking aspen, birch and oak are in low areas. Some white pine is present in the stand. The terrain is undulating. There are drains in the stand. The stand does have a trace of white ash that is still alive.
------------	--------------	-----------------	-------	----	-------	-----	---

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	15	Sapling/Pole	4	
Black/Red (Hybrid) Oak	8	Pole/Sap/Log	5	
White Pine	5	Pole/Sapling	6	
Quaking Aspen	30	Pole/Sapling	5	
White Oak	2	Sapling/Pole	4	
Bigtooth Aspen	40	Pole/Sapling	6	31

Sub-Canopy Species	Density	Avg. Height	Size
White Oak	Low	10 - 20 feet	Sapling
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling
Red Maple	Medium	10 - 20 feet	Sapling



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
419	6113 - Lowland Maple	Sapling Medium	6.6	40	51-80	N/A	The stand has a heavy tag alder understory with aspen over it. The ash in the stand is gone. Currently the overstory has a crown closure around 60%. The overstory is mainly maple. There are some upland areas in the stand. However, the lowlands make up the majority.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Red Maple		70	Sapling/Pole	4	40	Tag Alder		
Paper Birch		15	Sapling	2		Michigan Holly		
White Pine		5	Sapling	2				
Black/Red (Hybrid) Oak		5	Sapling	2				
White Oak		5	Sapling	3				
420	4130 - Aspen	Poletimber Well	21.6	31	51-80	N/A	The stand was harvested in Sterling 75, sale 73-028-90. The cut was completed in 1993. The stand is a mixture of aspen and oak. There are areas in the stand that have low regeneration. The stand is mostly uplands. There are drainages that move through the stand including some small pockets of lowland shrubs.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Paper Birch		5	Sapling	3		Red Maple		
Black/Red (Hybrid) Oak		15	Sapling/Pole	4				
Bigtooth Aspen		55	Pole/Sapling	5	31			
Quaking Aspen		15	Pole/Sapling	5				
Red Maple		10	Sapling	3				
421	6220 - Alder/willow	Nonstocked	2.4		Unspecified	No	The stand is a depression. It has scattered birch and maple growing up. Overall, it is thick lowland shrubs, heavy to Michigan holly.	
422	4130 - Aspen	Sapling Well	13.7	22	Immature	N/A	The stand was harvested in the winter of 2001/2002. It has scattered birch and maple growing up in it.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		20	Sapling/Pole	4		Deciduous Shrubs		
Red Maple		30	Sapling	3		Red Maple		
Black/Red (Hybrid) Oak		10	Sapling	3				
Bigtooth Aspen		40	Sapling/Pole	4	22			
423	6113 - Lowland Maple	Sapling Poor	2.9	22	Immature	N/A	The stand was harvested in 2002. It is low and wet, and the stand did not regenerate well. It is currently low-density lowland hardwoods over tag alder and Michigan holly.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		25	Sapling	3		Deciduous Shrubs		
Paper Birch		15	Sapling	2				
Red Maple		60	Sapling	2	22			
425	4137 - Aspen, Birch	Sapling Medium	9.7	31	1-50	N/A	The stand was harvested in Sterling 75, sale 73-028-90. The cut was completed in 1993. The stand has a ridge running through it that slopes down to a lowland on either side. There is significant birch in the stand that is sub pole. There is a drainage running through the north 1/2.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Quaking Aspen		45	Pole/Sapling	5	31	Deciduous Shrubs		
Paper Birch		25	Sapling	3				
Black/Red (Hybrid) Oak		5	Sapling/Pole	3				
Red Maple		25	Sapling/Pole	3				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
426	4131 - Aspen, Oak	Poletimber Well	17.2	31	1-50	N/A	The stand was harvested in Sterling 75, sale 73-028-90. The cut was completed in 1993. The stand has regenerated to dense aspen with some oak on the ridges. The low areas are quaking aspens with red maples, birches, and oaks. There are some white pines. The oak is just becoming poles, the aspen is a little bigger.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		10	Sapling/Pole	4				
Black/Red (Hybrid) Oak		35	Pole/Sapling	5	31			
Red Maple		15	Sapling/Pole	4				
Bigtooth Aspen		40	Pole/Sapling	5	31			
427	629 - Mixed non-forested wetland	Nonstocked	7.7		Unspecified	No	The stand is a non-forested wetlands with lowland shrubs and water.	
428	4131 - Aspen, Oak	Sapling Well	20.8	22	Immature	N/A	The stand is a ridge. The regeneration is mixed going from well stocked at the south end to moderately stocked north and east. well sites permit 11820 and 12142 both plugged 5/10/1988, well permit 11819 plugged 8/28/1962. The terrain is undulating.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
Bigtooth Aspen		55	Sapling	3	22	Witch Hazel		Density
Black/Red (Hybrid) Oak		30	Sapling/Pole	3		5 - 10 feet		Avg. Height
Red Maple		10	Sapling	2		Tall Shrub		Size
Red Pine		5	Sapling/Pole	3				
429	629 - Mixed non-forested wetland	Nonstocked	3.5		Unspecified	No	The stand is a non-forested wetland that is heavy to cattails.	
430	6225 - Bog	Nonstocked	11.8		Unspecified	No	This is a large leather leaf bog.	
431	4131 - Aspen, Oak	Sapling Poor	10.9	11	1-50	N/A	The stand was harvested during the winter of 2012/2013. The regeneration is coming in. The central portion of the stand is more of a lowland shrub type. The terrain is hummocky.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		15	Sapling	3				
Quaking Aspen		45	Sapling	3	11			
Black/Red (Hybrid) Oak		40	Sapling/Pole	4				
432	4125 - Black, N. Pin Oak	Poletimber Poor	38.0	51	1-50	N/A	The stand is a mix of uplands and lowlands. The terrain is hummocky. It was harvested in C126 Mix, sale 73-008-16, in January of 2021. It has regenerated after the Aspen and Jack pine was removed. The regeneration is better at the west end of the stand. The eastern portion has not regenerated well.	
Canopy Species		% Cover	Size Class	DBH	Age	Sub-Canopy Species		
White Pine		5	Log/Pole/Sap	12		Jack Pine		Density
Black/Red (Hybrid) Oak		65	Pole/Sap/Log	6	51	< 5 feet		Avg. Height
Red Maple		30	Pole/Sapling	6		Sapling		Size
Quaking Aspen						Medium	5 - 10 feet	
433	4119 - Mixed Northern Hardwoods	Sapling Medium	8.7	11	1-50	N/A	The stand was harvested during the winter of 2012/2013. The stand has pockets of lowland shrubs. The terrain is a little hummocky. The crown closure goes from 100% down to 20%. The average is around 70%.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		65	Sapling/Pole	2	11			
Quaking Aspen		15	Sapling/Pole	3				
Paper Birch		10	Sapling	2				
Black/Red (Hybrid) Oak		10	Sapling	1				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																													
434	4199 - Other Mixed Upland Deciduous	Poletimber Well	3.9	59	51-80	N/A	The stand is a ridge that slopes down to lower ground. The ridge is heavy to oak and the lower ground is heavy to maple.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>35</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>40</td> <td>Pole/Sapling</td> <td>5</td> <td>59</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>25</td> <td>Pole/Sapling</td> <td>7</td> <td>59</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	35	Sapling/Pole	4		Black/Red (Hybrid) Oak	40	Pole/Sapling	5	59	Bigtooth Aspen	25	Pole/Sapling	7	59	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Paper Birch</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub	Paper Birch	Low	10 - 20 feet	Sapling	
Canopy Species	% Cover	Size Class	DBH	Age																																
Red Maple	35	Sapling/Pole	4																																	
Black/Red (Hybrid) Oak	40	Pole/Sapling	5	59																																
Bigtooth Aspen	25	Pole/Sapling	7	59																																
Sub-Canopy Species	Density	Avg. Height	Size																																	
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																	
Paper Birch	Low	10 - 20 feet	Sapling																																	
436	629 - Mixed non-forested wetland	Nonstocked	27.4		Immature	No	The stand was harvested in 7/2013 in Powerline Harvest, sale 73-019-10. The stand did not regenerate. This was a portion of stand 103 that swamped out when it was harvested. Currently, the stand is non-forested wetland which is heavy to marsh grasses and cattails with tag alder and willow shrubs. There are pockets of regeneration on the slightly higher ground. The islands are maple, oak, and tamarack..																													
437	710 - Sand, Soil	Nonstocked	0.5		Unspecified		This site is a producing oil well for State Adam permit 10774.																													
439	3104 - Degraded	Nonstocked	0.8	0	Unspecified		This site is a well site pump and tank Permit 20352.																													
442	4125 - Black, N. Pin Oak	Poletimber Medium	2.2	47	1-50	N/A	The terrain is upland and a little hummocky. It should be held a little while longer to put a little bit more volume on the trees before harvest.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>81</td> <td>Pole/Sap/Log</td> <td>7</td> <td>47</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>19</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	81	Pole/Sap/Log	7	47	Bigtooth Aspen	19	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling	Witch Hazel	Low	5 - 10 feet	Tall Shrub						
Canopy Species	% Cover	Size Class	DBH	Age																																
Black/Red (Hybrid) Oak	81	Pole/Sap/Log	7	47																																
Bigtooth Aspen	19	Pole/Sapling	6																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Black/Red (Hybrid) Oak	Medium	>20 feet	Sapling																																	
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																	
444	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	17.0	51	51-80	N/A	The stand is a mix of uplands and lowlands. The terrain is hummocky and there are many areas where the aspen and maple are sparse. It was originally part of stand 432 but was painted out of the harvest C126 Mix, sale 73-008-16. The aspen in the stand has poor form. The jack pine and aspen could be harvested.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>15</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Red Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Jack Pine</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	15	Pole/Sapling	6		Red Pine	10	Pole	8		Jack Pine	10	Pole	8		Quaking Aspen	15	Pole	7											
Canopy Species	% Cover	Size Class	DBH	Age																																
Red Maple	15	Pole/Sapling	6																																	
Red Pine	10	Pole	8																																	
Jack Pine	10	Pole	8																																	
Quaking Aspen	15	Pole	7																																	
544	6229 - Mixed lowland shrub	Nonstocked	13.2		Immature	No	The stand has a lot of willow in it, but it also has other lowland shrubs. There are also scattered seedlings.																													
545	6112 - Lowland Aspen	Poletimber Medium	5.5	83	51-80	N/A	This is the portion of stand 552 that was not harvested because it is too wet. The aspen is declining. There is oak and maple regeneration coming up in the understory. The ground cover is mainly alder and holly.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td>79</td> </tr> <tr> <td>Quaking Aspen</td> <td>43</td> <td>Pole</td> <td>8</td> <td>83</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>15</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Pole/Sap/Log</td> <td>6</td> <td>83</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	2	Pole/Sapling	5	79	Quaking Aspen	43	Pole	8	83	Black/Red (Hybrid) Oak	15	Pole/Log/Sap	9		Red Maple	40	Pole/Sap/Log	6	83	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	High	10 - 20 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																
Paper Birch	2	Pole/Sapling	5	79																																
Quaking Aspen	43	Pole	8	83																																
Black/Red (Hybrid) Oak	15	Pole/Log/Sap	9																																	
Red Maple	40	Pole/Sap/Log	6	83																																
Sub-Canopy Species	Density	Avg. Height	Size																																	
Tag Alder	High	10 - 20 feet	Tall Shrub																																	
549	6220 - Alder/willow	Nonstocked	8.2		Unspecified	No	The stand is tall tag alder.																													



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																		
552	4131 - Aspen, Oak	Sapling Medium	46.2	33	1-50	N/A	The stand was harvested in Pipeline Sale, 73-039-82. It was completed in 1995. It has 25-30% shallow depressions with moss, willow, and alder. The aspen is small and in scattered dense clumps. The stem density increases and the stand gets wetter going north. The crown closure goes from 100% down to 10%. The average is around 60%. There are inclusions of lowland shrubs scattered throughout.																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>23</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>42</td> <td>Pole/Sapling</td> <td>6</td> <td>33</td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	23	Sapling/Pole	4		Bigtooth Aspen	42	Pole/Sapling	6	33	Paper Birch	15	Sapling	3		Black/Red (Hybrid) Oak	20	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																					
Red Maple	23	Sapling/Pole	4																																						
Bigtooth Aspen	42	Pole/Sapling	6	33																																					
Paper Birch	15	Sapling	3																																						
Black/Red (Hybrid) Oak	20	Sapling/Pole	4																																						
Sub-Canopy Species	Density	Avg. Height	Size																																						
Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub																																						
553	6220 - Alder/willow	Nonstocked	43.5		Immature	No	The ash in the stand has died out. There is still scattered quaking aspen and maple. There is also some oak regeneration, but it is very sparse. The stand is mainly tag alder. The crown closure is less than 15%.																																		
556	310 - Herbaceous Openland	Nonstocked	3.3		Unspecified	Managed Opening	The stand is a managed grassy opening. It appears to be more of a field mix at the current time.																																		
560	6112 - Lowland Aspen	Sawtimber Medium	11.7	59	51-80	N/A	This area is an inoperable portion broken out of stand 362. The stand is very wet and hummocky. All the ash has died. The understory is thick to tag alder and maple.																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Log/Pole</td> <td>10</td> <td>59</td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Pole/Sap/Log</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	65	Log/Pole	10	59	Red Maple	35	Pole/Sap/Log	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Tag Alder</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	Tag Alder	High	5 - 10 feet	Tall Shrub										
Canopy Species	% Cover	Size Class	DBH	Age																																					
Quaking Aspen	65	Log/Pole	10	59																																					
Red Maple	35	Pole/Sap/Log	6																																						
Sub-Canopy Species	Density	Avg. Height	Size																																						
Red Maple	High	>20 feet	Sapling																																						
Tag Alder	High	5 - 10 feet	Tall Shrub																																						
561	6112 - Lowland Aspen	Poletimber Well	26.1	59	Unspecified	N/A	The stand has low volume and small diameters for a 58-year-old stand. The site index is 55. There are small lowland shrub pockets. Overall, the stand does look manageable.																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td>55</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>75</td> <td>Pole</td> <td>8</td> <td>59</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	20	Pole/Sapling	6		Paper Birch	5	Sapling/Pole	4	55	Bigtooth Aspen	75	Pole	8	59	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Paper Birch	Low	>20 feet	Sapling	Red Maple	High	>20 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																					
Red Maple	20	Pole/Sapling	6																																						
Paper Birch	5	Sapling/Pole	4	55																																					
Bigtooth Aspen	75	Pole	8	59																																					
Sub-Canopy Species	Density	Avg. Height	Size																																						
Paper Birch	Low	>20 feet	Sapling																																						
Red Maple	High	>20 feet	Sapling																																						
563	6119 - Mixed Lowland Deciduous Forest	Sapling Poor	4.3	29	1-50	N/A	The stand has some small uplands with a few large oaks along the north central edge. There are also scattered large trees in the west end. The stand is too wet to manage. The ash has died out.																																		
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>8</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>57</td> <td>Sapling</td> <td>3</td> <td>29</td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Quaking Aspen	10	Sapling	3		Northern Pin Oak	8	Sapling	2		Red Maple	57	Sapling	3	29	Paper Birch	25	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Willow spp.</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Willow spp.	Medium	10 - 20 feet	Tall Shrub	Tag Alder	Medium	10 - 20 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																					
Quaking Aspen	10	Sapling	3																																						
Northern Pin Oak	8	Sapling	2																																						
Red Maple	57	Sapling	3	29																																					
Paper Birch	25	Sapling	2																																						
Sub-Canopy Species	Density	Avg. Height	Size																																						
Willow spp.	Medium	10 - 20 feet	Tall Shrub																																						
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																						
564	6220 - Alder/willow	Nonstocked	4.6		Unspecified	No	The stand is predominantly willow and alder with about 10% aspen and tamarack. Any ash in the stand is down on the ground. The crown closure is around 15%.																																		
565	6229 - Mixed lowland shrub	Nonstocked	2.2		Unspecified	No	The stand is mostly willow and alder. The north end is sparsely treed.																																		



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
566	4130 - Aspen	Poletimber Medium	14.2	59	81-110	N/A	The stand was broken out of stand 578. The stand is predominantly a ridge with some minor draws.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>30</td> <td>Pole</td> <td>8</td> <td>59</td> </tr> <tr> <td>Quaking Aspen</td> <td>35</td> <td>Pole</td> <td>7</td> <td>59</td> </tr> <tr> <td>Red Maple</td> <td>23</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Pole/Sapling</td> <td>7</td> <td>55</td> </tr> <tr> <td>Tamarack</td> <td>5</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	30	Pole	8	59	Quaking Aspen	35	Pole	7	59	Red Maple	23	Pole/Sapling	6		Paper Birch	7	Pole/Sapling	7	55	Tamarack	5	Pole/Log/Sap	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Willow spp.</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Willow spp.	Low	5 - 10 feet	Tall Shrub	Red Maple	Medium	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																									
Bigtooth Aspen	30	Pole	8	59																																									
Quaking Aspen	35	Pole	7	59																																									
Red Maple	23	Pole/Sapling	6																																										
Paper Birch	7	Pole/Sapling	7	55																																									
Tamarack	5	Pole/Log/Sap	8																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Willow spp.	Low	5 - 10 feet	Tall Shrub																																										
Red Maple	Medium	Variable	Sapling																																										
567	4199 - Other Mixed Upland Deciduous	Poletimber Medium	6.8	59	51-80	N/A	The stand has 35-40% lowlands. The lowlands are shallow depressions with small willow, alder, and swamp hardwoods. There are some sparsely treed uplands with bracken fern. The terrain is hummocky.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>28</td> <td>Pole/Sapling</td> <td>7</td> <td>59</td> </tr> <tr> <td>Northern Pin Oak</td> <td>39</td> <td>Pole/Sapling</td> <td>5</td> <td>59</td> </tr> <tr> <td>Red Maple</td> <td>29</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>4</td> <td>Sapling/Pole</td> <td>4</td> <td>55</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	28	Pole/Sapling	7	59	Northern Pin Oak	39	Pole/Sapling	5	59	Red Maple	29	Pole/Sapling	5		Paper Birch	4	Sapling/Pole	4	55	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Willow spp.</td> <td>Low</td> <td>< 5 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Willow spp.	Low	< 5 feet	Tall Shrub	
Canopy Species	% Cover	Size Class	DBH	Age																																									
Quaking Aspen	28	Pole/Sapling	7	59																																									
Northern Pin Oak	39	Pole/Sapling	5	59																																									
Red Maple	29	Pole/Sapling	5																																										
Paper Birch	4	Sapling/Pole	4	55																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Tag Alder	Low	10 - 20 feet	Tall Shrub																																										
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																										
Willow spp.	Low	< 5 feet	Tall Shrub																																										
568	6220 - Alder/willow	Nonstocked	1.3		Unspecified	No	The stand has willow in the center and tag alder along the edges.																																						
569	6113 - Lowland Maple	Poletimber Medium	10.6	59	51-80	N/A	The terrain is hummocky. There is standing water scattered throughout the stand. It is too wet to harvest.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>83</td> <td>Pole/Sapling</td> <td>7</td> <td>59</td> </tr> <tr> <td>Quaking Aspen</td> <td>17</td> <td>Pole/Log</td> <td>9</td> <td>59</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	83	Pole/Sapling	7	59	Quaking Aspen	17	Pole/Log	9	59	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Michigan Holly</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	Michigan Holly	Low	5 - 10 feet	Tall Shrub	Tag Alder	Low	10 - 20 feet	Tall Shrub											
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	83	Pole/Sapling	7	59																																									
Quaking Aspen	17	Pole/Log	9	59																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	High	>20 feet	Sapling																																										
Michigan Holly	Low	5 - 10 feet	Tall Shrub																																										
Tag Alder	Low	10 - 20 feet	Tall Shrub																																										
573	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	8.5	37	51-80	N/A	The stand has poor vigor and low volume. It would convert to lowland shrubs if cut. The north half is drier and is thick to oak. The south half is wetter with more lowland shrubs.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>30</td> <td>Pole/Sapling</td> <td>6</td> <td>55</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>45</td> <td>Pole/Sapling</td> <td>5</td> <td>37</td> </tr> <tr> <td>Red Maple</td> <td>25</td> <td>Pole/Sapling</td> <td>5</td> <td>55</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	30	Pole/Sapling	6	55	Black/Red (Hybrid) Oak	45	Pole/Sapling	5	37	Red Maple	25	Pole/Sapling	5	55	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub														
Canopy Species	% Cover	Size Class	DBH	Age																																									
Quaking Aspen	30	Pole/Sapling	6	55																																									
Black/Red (Hybrid) Oak	45	Pole/Sapling	5	37																																									
Red Maple	25	Pole/Sapling	5	55																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																										
575	6225 - Bog	Nonstocked	2.6		Unspecified	No	The stand has a couple small upland pockets and scattered trees over leatherleaf.																																						
576	629 - Mixed non-forested wetland	Nonstocked	5.9		Unspecified	No	The stand is predominately low and wet, but there are scattered upland knobs. The crown closure is below 15%.																																						
578	629 - Mixed non-forested wetland	Nonstocked	1.0		Unspecified	No	The stand is a depression of marsh grass with some tag alder.																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments			
579	4130 - Aspen	Sapling Medium	21.7	11	Immature	N/A	The stand was harvested in the winter of 2013/2014. Natural regeneration survey was done in June 2018. The stand is a ridge for the most part. The north end is sparse. The regeneration is well stocked on the ridges but less on the lower ground. The crown closure is around 60%.			
Canopy Species		% Cover	Size Class	DBH	Age					
Tamarack		1	Pole/Sapling	5						
Red Maple		10	Sapling	1						
Quaking Aspen		18	Sapling	1						
Bigtooth Aspen		55	Sapling	1	11					
White Pine		1	Pole	5						
Black/Red (Hybrid) Oak		15	Pole/Sap/Log	5						
581	6113 - Lowland Maple	Poletimber Medium	13.4	59	51-80	N/A	The stand was broken out of pre-inventory stand 579 because it is wetter and has more maple. It is hummocky and a large portion of it is too wet to manage. There are some slight upland ridges that could be treated, but they are small and most are isolated by the wet soils.			
Canopy Species		% Cover	Size Class	DBH	Age					
Northern Pin Oak		5	Pole/Sapling	5		Sub-Canopy Species				
Red Maple		60	Pole/Sapling	6	59	Density		Avg. Height		
Quaking Aspen		35	Pole/Sapling	7	59	Black/Red (Hybrid) Oak	Low	5 - 10 feet	Sapling	
582	4130 - Aspen	Sapling Well	45.1	11	Immature	N/A	The stand was harvested in the winter of 2013/2014. Natural regeneration survey was done in June 2018. The stand is around 85% uplands. The lowlands are mainly drainages. There are some inclusions of lowlands as well. The crown closure is around 85% and it is doing well.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		16	Sapling	1						
Quaking Aspen		40	Sapling	1	11					
Choke Cherry		3	Sapling	1						
Bigtooth Aspen		40	Sapling	1	11					
Black/Red (Hybrid) Oak		1	Sapling/Pole	2						
583	6229 - Mixed lowland shrub	Nonstocked	8.5		Unspecified	No	The stand is about 5-10% uplands which is heavy to bracken fern. It is a mix of lowland shrubs. The shrubs include willow, tag alder, and leather leaf. The stand has scattered tamarack, quaking aspen, white pine, and oak.			
585	4137 - Aspen, Birch	Poletimber Medium	55.5	33	81-110	N/A	The stand was harvested in Pipeline Sale, 73-039-82. It was completed in 1995. It is about 65% upland. There are scattered lowland shrub pockets; and areas heavy to birch and maple which are on wetter soils. The terrain is hummocky. Maple is scattered throughout the stand. There are tag alder/birch drains running through the stand.			
Canopy Species		% Cover	Size Class	DBH	Age					
Red Maple		15	Sapling	3		Sub-Canopy Species				
Paper Birch		22	Sapling	3		Density		Avg. Height		
Quaking Aspen		58	Pole/Sapling	5	33	Tag Alder		Medium	5 - 10 feet	Tall Shrub
Northern Pin Oak		5	Sapling	3						
590	6113 - Lowland Maple	Poletimber Medium	9.8	59	51-80	N/A	The stand was broken out of pre-inventory stand 579. It has some dense lowland maple ridges interspersed with wetter broad drainages with lowland shrubs and less canopy cover. The stand has some upland pockets. Most of the stand is not manageable.			
Canopy Species		% Cover	Size Class	DBH	Age					
Northern Pin Oak		5	Pole/Sapling	5		Sub-Canopy Species				
Paper Birch		4	Pole/Sapling	5		Density		Avg. Height		
Quaking Aspen		10	Pole/Sapling	7	59	Red Maple		High	Variable	Sapling
Red Maple		81	Pole/Sapling	7	59	Willow spp.		Low	5 - 10 feet	Tall Shrub
						Tag Alder	Low	5 - 10 feet	Tall Shrub	
						Michigan Holly	Low	5 - 10 feet	Tall Shrub	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
591	6229 - Mixed lowland shrub	Nonstocked	1.9		Unspecified	No	The stand is wet. It is mainly willow and michigan holly with some maple.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																	
596	4131 - Aspen, Oak	Poletimber Well	71.9	59	111-140	N/A	The terrain is slightly undulating. Much of the lower flat area is hummocky.																																	
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole/Sap</td> <td>12</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>57</td> <td>Pole/Sap/Log</td> <td>8</td> <td>59</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sap/Log</td> <td>7</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>21</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	White Pine	2	Log/Pole/Sap	12		Bigtooth Aspen	57	Pole/Sap/Log	8	59	Black/Red (Hybrid) Oak	20	Pole/Sap/Log	7		Red Maple	21	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Red Maple	Low	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																				
White Pine	2	Log/Pole/Sap	12																																					
Bigtooth Aspen	57	Pole/Sap/Log	8	59																																				
Black/Red (Hybrid) Oak	20	Pole/Sap/Log	7																																					
Red Maple	21	Pole/Sapling	7																																					
Sub-Canopy Species	Density	Avg. Height	Size																																					
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																					
Red Maple	Low	>20 feet	Sapling																																					

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
597	6225 - Bog	Nonstocked	5.3		Unspecified	No	Nearly a treed bog in the south end and along the east edge. Also, it has a lot of holly at the south end and along the east edge.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																													
598	4137 - Aspen, Birch	Sapling Well	16.9	33	1-50	N/A	The stand was harvested in Pipeline Sale, 73-039-82, completed in 1995. The stand is 10-15% lowland: few shallow drainages and shallow depressions w/ sphagnum moss are present. The terrain is hummocky.																													
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>40</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>20</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>30</td> <td>Sapling</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	40	Pole/Sapling	5	33	Black/Red (Hybrid) Oak	10	Sapling	3		Paper Birch	20	Sapling	4		Red Maple	30	Sapling	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Low	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																
Bigtooth Aspen	40	Pole/Sapling	5	33																																
Black/Red (Hybrid) Oak	10	Sapling	3																																	
Paper Birch	20	Sapling	4																																	
Red Maple	30	Sapling	4																																	
Sub-Canopy Species	Density	Avg. Height	Size																																	
Red Maple	Low	10 - 20 feet	Sapling																																	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																								
600	6113 - Lowland Maple	Sapling Medium	7.3	19	1-50	N/A	The stand was harvested in 2005 and regenerating well. The cut appears to have been a 4-inch cut. However, 55% of the stand is sparse with a low SI. The upland was excluded from the harvest. It became stand 602 because it had very little product. The stand has about 45% maple over holly.																								
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>18</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>80</td> <td>Sapling/Pole</td> <td>4</td> <td>19</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	2	Pole/Sapling	5		Bigtooth Aspen	18	Sapling/Pole	4		Red Maple	80	Sapling/Pole	4	19	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Michigan Holly</td> <td>High</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	High	10 - 20 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																											
Black/Red (Hybrid) Oak	2	Pole/Sapling	5																												
Bigtooth Aspen	18	Sapling/Pole	4																												
Red Maple	80	Sapling/Pole	4	19																											
Sub-Canopy Species	Density	Avg. Height	Size																												
Michigan Holly	High	10 - 20 feet	Tall Shrub																												

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
601	6225 - Bog	Nonstocked	3.3		Unspecified	No	The stand is a depression of mainly leather leaf. The perimeter does have some oak, aspen, and maple.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																												
602	4130 - Aspen	Sapling Medium	26.9	19	Immature	N/A	The stand was harvested in 2005 and regenerating well. The residual was large sapling/pole sized oak and maple. There are numerous very small wet pockets in the stand. These low areas make up about 10%.																												
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>14</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>17</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>69</td> <td>Sapling</td> <td>2</td> <td>19</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	14	Sapling/Pole	3		Black/Red (Hybrid) Oak	17	Sapling/Pole	3		Bigtooth Aspen	69	Sapling	2	19	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Witch Hazel</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Serviceberry (Juneberry)</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Witch Hazel	Low	5 - 10 feet	Tall Shrub	Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																															
Red Maple	14	Sapling/Pole	3																																
Black/Red (Hybrid) Oak	17	Sapling/Pole	3																																
Bigtooth Aspen	69	Sapling	2	19																															
Sub-Canopy Species	Density	Avg. Height	Size																																
Witch Hazel	Low	5 - 10 feet	Tall Shrub																																
Serviceberry (Juneberry)	Low	5 - 10 feet	Tall Shrub																																

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																
603	6112 - Lowland Aspen	Poletimber Poor	2.9	33	1-50	N/A	The stand is mainly poorly formed quaking aspen over leather leaf. There are some slightly higher areas that have a higher density of trees.																
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>2</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>27</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>71</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	2	Sapling	4		Black/Red (Hybrid) Oak	27	Sapling	4		Quaking Aspen	71	Pole/Sapling	5	33		
Canopy Species	% Cover	Size Class	DBH	Age																			
Red Maple	2	Sapling	4																				
Black/Red (Hybrid) Oak	27	Sapling	4																				
Quaking Aspen	71	Pole/Sapling	5	33																			



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																					
604	4131 - Aspen, Oak	Sapling Medium	15.3	33	51-80	N/A	The stand was harvested in Pipeline Sale, number 73-039-82. It was completed in 1995. The stand is rolling to undulating. It is predominantly uplands. There are a few small pockets of lowlands in it.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>10</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>35</td> <td>Sapling</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	10	Sapling	4		Bigtooth Aspen	45	Pole/Sapling	5	33	Black/Red (Hybrid) Oak	35	Sapling	4		Quaking Aspen	10	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Medium	10 - 20 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	10	Sapling	4																																									
Bigtooth Aspen	45	Pole/Sapling	5	33																																								
Black/Red (Hybrid) Oak	35	Sapling	4																																									
Quaking Aspen	10	Pole/Sapling	5																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Hazelnut (American)	Medium	10 - 20 feet	Tall Shrub																																									
605	4139 - Aspen, Mixed Deciduous	Sapling Well	14.3	41	81-110	N/A	The stand varies from upland to hummocky ground (40%) to wet areas with holly (20%). The drier areas are heavier to aspen and are toward the south end. The maple, birch, and oak in the stand is not manageable or not commercially viable. The aspen is, but it is a little on the small side.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>8</td> <td>Sapling/Pole</td> <td>4</td> <td>37</td> </tr> <tr> <td>Red Maple</td> <td>40</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>45</td> <td>Pole/Sapling</td> <td>6</td> <td>41</td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	8	Sapling/Pole	4	37	Red Maple	40	Sapling/Pole	4		Bigtooth Aspen	45	Pole/Sapling	6	41	Paper Birch	7	Sapling/Pole	3		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Michigan Holly</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Paper Birch</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Low	10 - 20 feet	Tall Shrub	Paper Birch	Medium	>20 feet	Sapling	Red Maple	High	10 - 20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																								
Black/Red (Hybrid) Oak	8	Sapling/Pole	4	37																																								
Red Maple	40	Sapling/Pole	4																																									
Bigtooth Aspen	45	Pole/Sapling	6	41																																								
Paper Birch	7	Sapling/Pole	3																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Michigan Holly	Low	10 - 20 feet	Tall Shrub																																									
Paper Birch	Medium	>20 feet	Sapling																																									
Red Maple	High	10 - 20 feet	Sapling																																									
607	6113 - Lowland Maple	Sapling Well	12.3	29	1-50	N/A	The stand was harvested in Pipeline Sale, 73-039-82. It was completed in 1995. It has some sensitive fern and marsh pockets. The terrain is hummocky and wet overall. It is a manageable stand. There are some upland ridges.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>60</td> <td>Sapling</td> <td>3</td> <td>29</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>25</td> <td>Sapling</td> <td>2</td> <td>29</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	60	Sapling	3	29	Quaking Aspen	10	Sapling/Pole	4		Northern Pin Oak	5	Sapling	3		Paper Birch	25	Sapling	2	29	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	60	Sapling	3	29																																								
Quaking Aspen	10	Sapling/Pole	4																																									
Northern Pin Oak	5	Sapling	3																																									
Paper Birch	25	Sapling	2	29																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Tag Alder	Low	10 - 20 feet	Tall Shrub																																									
609	4130 - Aspen	Poletimber Poor	1.5	41	1-50	N/A	The stand is a mix of black oak, red maple with a trace of quaking aspen and paper birch. It is about 70% upland and it is a slight ridge. The trees are patchy clones of quaking aspen. The crown closure is around 30%.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>30</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>65</td> <td>Pole/Sapling</td> <td>7</td> <td>41</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	30	Pole/Sapling	5		Quaking Aspen	65	Pole/Sapling	7	41	Black/Red (Hybrid) Oak	5	Pole/Sapling	6																								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	30	Pole/Sapling	5																																									
Quaking Aspen	65	Pole/Sapling	7	41																																								
Black/Red (Hybrid) Oak	5	Pole/Sapling	6																																									
610	6119 - Mixed Lowland Deciduous Forest	Sapling Medium	3.9	33	1-50	N/A	The stand is lowland shrubs which is succeeding to forest. Currently it is heavy to tag alder and willow with some trees. There is a pure tag alder swale through the center. The terrain is hummocky.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>37</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>2</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>55</td> <td>Sapling/Pole</td> <td>3</td> <td>33</td> </tr> <tr> <td>Paper Birch</td> <td>6</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	37	Sapling/Pole	3		Quaking Aspen	2	Sapling/Pole	4		Northern Pin Oak	55	Sapling/Pole	3	33	Paper Birch	6	Sapling	2		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Michigan Holly	Medium	10 - 20 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																								
Red Maple	37	Sapling/Pole	3																																									
Quaking Aspen	2	Sapling/Pole	4																																									
Northern Pin Oak	55	Sapling/Pole	3	33																																								
Paper Birch	6	Sapling	2																																									
Sub-Canopy Species	Density	Avg. Height	Size																																									
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																									
Michigan Holly	Medium	10 - 20 feet	Tall Shrub																																									
611	6119 - Mixed Lowland Deciduous Forest	Poletimber Medium	10.1	41	51-80	N/A	The stand is very hummocky. Overall, the soils are very wet. The crown closure is closer to 50%.																																					
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Paper Birch</td> <td>6</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>37</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>52</td> <td>Pole/Sapling</td> <td>5</td> <td>41</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Paper Birch	6	Sapling/Pole	4		Quaking Aspen	37	Pole/Sapling	6		Northern Pin Oak	5	Sapling/Pole	4		Red Maple	52	Pole/Sapling	5	41	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>High</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	High	5 - 10 feet	Tall Shrub								
Canopy Species	% Cover	Size Class	DBH	Age																																								
Paper Birch	6	Sapling/Pole	4																																									
Quaking Aspen	37	Pole/Sapling	6																																									
Northern Pin Oak	5	Sapling/Pole	4																																									
Red Maple	52	Pole/Sapling	5	41																																								
Sub-Canopy Species	Density	Avg. Height	Size																																									
Deciduous Shrubs	High	5 - 10 feet	Tall Shrub																																									



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																							
612	6119 - Mixed Lowland Deciduous Forest	Sapling Poor	3.8	33	1-50	N/A	The stand is low and wet. Any ash in the stand is gone.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Northern Pin Oak</td> <td>37</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>45</td> <td>Sapling</td> <td>3</td> <td>33</td> </tr> <tr> <td>Paper Birch</td> <td>15</td> <td>Sapling</td> <td>2</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Northern Pin Oak	37	Sapling	3		Quaking Aspen	3	Sapling/Pole	4		Red Maple	45	Sapling	3	33	Paper Birch	15	Sapling	2				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	Michigan Holly	Medium	10 - 20 feet	Tall Shrub				
Canopy Species	% Cover	Size Class	DBH	Age																																										
Northern Pin Oak	37	Sapling	3																																											
Quaking Aspen	3	Sapling/Pole	4																																											
Red Maple	45	Sapling	3	33																																										
Paper Birch	15	Sapling	2																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Tag Alder	Low	10 - 20 feet	Tall Shrub																																											
Michigan Holly	Medium	10 - 20 feet	Tall Shrub																																											
613	2113 - Forage Crops	Nonstocked	2.2		Unspecified	Managed Opening	The stand is a planted opening. It appears to have now been planted to a pasture mix.																																							
614	310 - Herbaceous Openland	Nonstocked	3.7		Unspecified	No	The stand does have some trees, but they have a crown closure of less than 15%.																																							
615	6220 - Alder/willow	Nonstocked	2.8		Unspecified	Managed Opening	The stand is a wet depression that is mainly tag alder and willow.																																							
616	4199 - Other Mixed Upland Deciduous	Sapling Poor	4.6	7	Immature	N/A	The aspen has not regenerated well. There is some white pine and oak regeneration. The crown closure is right around 25% and it is made up of what was left after the harvest.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>57</td> <td>Sapling/Pole</td> <td>4</td> <td>7</td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>38</td> <td>Sapling</td> <td>1</td> <td>7</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>3</td> <td>Sapling/Pole</td> <td>3</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	57	Sapling/Pole	4	7	Paper Birch	2	Sapling/Pole	3		Bigtooth Aspen	38	Sapling	1	7	Black/Red (Hybrid) Oak	3	Sapling/Pole	3																				
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	57	Sapling/Pole	4	7																																										
Paper Birch	2	Sapling/Pole	3																																											
Bigtooth Aspen	38	Sapling	1	7																																										
Black/Red (Hybrid) Oak	3	Sapling/Pole	3																																											
617	6113 - Lowland Maple	Poletimber Well	8.2	52	81-110	N/A	True lowland hardwoods, but operable when dry/frozen. The terrain is hummocky. It is just moving into pole maple.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>85</td> <td>Pole/Sapling</td> <td>6</td> <td>52</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>8</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	85	Pole/Sapling	6	52	Quaking Aspen	10	Pole	8		Paper Birch	5	Pole/Sapling	5				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	Variable	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	85	Pole/Sapling	6	52																																										
Quaking Aspen	10	Pole	8																																											
Paper Birch	5	Pole/Sapling	5																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	High	Variable	Sapling																																											
618	6112 - Lowland Aspen	Poletimber Well	13.0	52	111-140	N/A	The stand has enough low areas that the dry/frozen spec might be wanted. The low areas appear to dry out in late summer. The stand is generally level. It has about 45% lowland.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>20</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>55</td> <td>Pole</td> <td>8</td> <td>52</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>15</td> <td>Pole</td> <td>8</td> <td>52</td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	20	Pole/Sapling	7		Black/Red (Hybrid) Oak	5	Pole/Sapling	7		Bigtooth Aspen	55	Pole	8	52	Paper Birch	5	Pole/Sapling	5		Quaking Aspen	15	Pole	8	52			<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Seeding</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Seeding			
Canopy Species	% Cover	Size Class	DBH	Age																																										
Red Maple	20	Pole/Sapling	7																																											
Black/Red (Hybrid) Oak	5	Pole/Sapling	7																																											
Bigtooth Aspen	55	Pole	8	52																																										
Paper Birch	5	Pole/Sapling	5																																											
Quaking Aspen	15	Pole	8	52																																										
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	High	>20 feet	Seeding																																											
619	4130 - Aspen	Poletimber Well	16.2	52	111-140	N/A	The stand grades to wetter at west end. The terrain is hummocky on the flatter areas. There are wet pockets in the stand that are heavy to lowland shrubs.																																							
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>3</td> <td>Pole/Log/Sap</td> <td>7</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>60</td> <td>Pole</td> <td>8</td> <td>52</td> </tr> <tr> <td>Red Maple</td> <td>37</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>	Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	3	Pole/Log/Sap	7		Bigtooth Aspen	60	Pole	8	52	Red Maple	37	Pole/Sapling	5				<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>	Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling													
Canopy Species	% Cover	Size Class	DBH	Age																																										
Black/Red (Hybrid) Oak	3	Pole/Log/Sap	7																																											
Bigtooth Aspen	60	Pole	8	52																																										
Red Maple	37	Pole/Sapling	5																																											
Sub-Canopy Species	Density	Avg. Height	Size																																											
Red Maple	High	>20 feet	Sapling																																											



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
620	4112 - Maple, Beech, Cherry Association	Poletimber Well	7.3	52	51-80	N/A	The stand is barely upland. It would be operable with dry/frozen spec. It grades into lowland shrubs at east end.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>3</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>85</td> <td>Pole/Sapling</td> <td>7</td> <td>52</td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole</td> <td>7</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Black/Red (Hybrid) Oak	3	Pole/Sapling	6		Paper Birch	2	Pole/Sapling	5		Red Maple	85	Pole/Sapling	7	52	Quaking Aspen	10	Pole	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Deciduous Shrubs</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub	Red Maple	Low	Variable	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	3	Pole/Sapling	6																																										
Paper Birch	2	Pole/Sapling	5																																										
Red Maple	85	Pole/Sapling	7	52																																									
Quaking Aspen	10	Pole	7																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Deciduous Shrubs	Low	5 - 10 feet	Tall Shrub																																										
Red Maple	Low	Variable	Sapling																																										
621	4130 - Aspen	Sapling Well	7.2	22	Immature	N/A	The stand was cut in 2002, in sale Toboggan Hill. The stand is quite dense. There are wet pockets in it. The terrain is undulating.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>23</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>9</td> <td>Sapling</td> <td>2</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>63</td> <td>Sapling/Pole</td> <td>3</td> <td>22</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Sapling</td> <td>2</td> <td>18</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	23	Sapling	2		Black/Red (Hybrid) Oak	9	Sapling	2		Bigtooth Aspen	63	Sapling/Pole	3	22	Paper Birch	5	Sapling	2	18																			
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	23	Sapling	2																																										
Black/Red (Hybrid) Oak	9	Sapling	2																																										
Bigtooth Aspen	63	Sapling/Pole	3	22																																									
Paper Birch	5	Sapling	2	18																																									
622	4131 - Aspen, Oak	Poletimber Well	72.3	52	111-140	N/A	The terrain is undulating to rolling. There is a lot of nice red oak. The stand is mature and needs to be harvested.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>75</td> <td>Pole/Log/Sap</td> <td>8</td> <td>52</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Sap/Log</td> <td>8</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>5</td> <td>Pole/Sapling</td> <td>6</td> <td>48</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	75	Pole/Log/Sap	8	52	Black/Red (Hybrid) Oak	20	Pole/Sap/Log	8		Red Maple	5	Pole/Sapling	6	48	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Hazelnut (American)</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Hazelnut (American)	Low	10 - 20 feet	Tall Shrub	Red Maple	Medium	10 - 20 feet	Sapling										
Canopy Species	% Cover	Size Class	DBH	Age																																									
Bigtooth Aspen	75	Pole/Log/Sap	8	52																																									
Black/Red (Hybrid) Oak	20	Pole/Sap/Log	8																																										
Red Maple	5	Pole/Sapling	6	48																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Hazelnut (American)	Low	10 - 20 feet	Tall Shrub																																										
Red Maple	Medium	10 - 20 feet	Sapling																																										
623	6220 - Alder/willow	Nonstocked	6.2		Unspecified	No	The stand has a crown closure of 5-10%. It is mainly maple and birch. Much of the rest of the stand is alder.																																						
624	6113 - Lowland Maple	Poletimber Medium	8.6	52	81-110	N/A	Wetter and lower SI than surrounding stands. There is past beaver activity in here that has made a couple of pockets of lowland shrubs. The ash in the stand is dead and gone. The crown closure goes from 100% down to 20%. It looks like the average is around 70%. The terrain is hummocky.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>75</td> <td>Pole/Sapling</td> <td>5</td> <td>52</td> </tr> <tr> <td>Northern Pin Oak</td> <td>5</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Quaking Aspen</td> <td>10</td> <td>Pole/Sapling</td> <td>7</td> <td>52</td> </tr> <tr> <td>Swamp White Oak</td> <td>3</td> <td>Sapling</td> <td>3</td> <td></td> </tr> <tr> <td>Paper Birch</td> <td>7</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	75	Pole/Sapling	5	52	Northern Pin Oak	5	Sapling/Pole	4		Quaking Aspen	10	Pole/Sapling	7	52	Swamp White Oak	3	Sapling	3		Paper Birch	7	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Michigan Holly</td> <td>Low</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Medium	10 - 20 feet	Tall Shrub	Michigan Holly	Low	5 - 10 feet	Tall Shrub
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	75	Pole/Sapling	5	52																																									
Northern Pin Oak	5	Sapling/Pole	4																																										
Quaking Aspen	10	Pole/Sapling	7	52																																									
Swamp White Oak	3	Sapling	3																																										
Paper Birch	7	Sapling/Pole	4																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Tag Alder	Medium	10 - 20 feet	Tall Shrub																																										
Michigan Holly	Low	5 - 10 feet	Tall Shrub																																										
625	4130 - Aspen	Poletimber Well	10.7	52	81-110	N/A	The stand has a distinct ridge running through it. Some of the slopes are significant. The stand could be harvested.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>12</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>84</td> <td>Pole</td> <td>7</td> <td>52</td> </tr> <tr> <td>White Pine</td> <td>2</td> <td>Log/Pole</td> <td>10</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	12	Pole/Sapling	5		Black/Red (Hybrid) Oak	2	Pole/Sapling	5		Bigtooth Aspen	84	Pole	7	52	White Pine	2	Log/Pole	10		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>White Pine</td> <td>Low</td> <td>5 - 10 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling	White Pine	Low	5 - 10 feet	Sapling					
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	12	Pole/Sapling	5																																										
Black/Red (Hybrid) Oak	2	Pole/Sapling	5																																										
Bigtooth Aspen	84	Pole	7	52																																									
White Pine	2	Log/Pole	10																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Red Maple	High	>20 feet	Sapling																																										
White Pine	Low	5 - 10 feet	Sapling																																										
626	6224 - Treed Bog	Nonstocked	3.3		Unspecified	No	The stand is mainly leather leaf with scattered tamarack and white pine.																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																
627	6233 - Wet Meadow	Nonstocked	6.5		Unspecified	No	The stand is mainly alder with a trace of maple and birch around the edges.																																
628	4130 - Aspen	Poletimber Well	6.1	52	111-140	N/A	The stand has a high site index. It is heavy to quaking aspen. The terrain is slightly hummocky. There is a good maple understory. The stand has inclusions of low wet ground.																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Quaking Aspen</td> <td>60</td> <td>Pole/Log</td> <td>8</td> <td>52</td> </tr> <tr> <td>Paper Birch</td> <td>3</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Log</td> <td>16</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>35</td> <td>Pole/Log</td> <td>8</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Quaking Aspen	60	Pole/Log	8	52	Paper Birch	3	Pole/Sapling	5		Black/Red (Hybrid) Oak	2	Log	16		Red Maple	35	Pole/Log	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>High</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	High	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																			
Quaking Aspen	60	Pole/Log	8	52																																			
Paper Birch	3	Pole/Sapling	5																																				
Black/Red (Hybrid) Oak	2	Log	16																																				
Red Maple	35	Pole/Log	8																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Maple	High	>20 feet	Sapling																																				
629	4191 - Mixed Upland Deciduous with Conifer	Poletimber Medium	6.0	52	51-80	N/A	The stand is dominated by a ridge. There is a draw through the center that is wet.																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>35</td> <td>Pole</td> <td>7</td> <td>52</td> </tr> <tr> <td>Red Maple</td> <td>28</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>White Pine</td> <td>35</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>2</td> <td>Pole/Sapling</td> <td>6</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Bigtooth Aspen	35	Pole	7	52	Red Maple	28	Pole/Sapling	7		White Pine	35	Pole/Log/Sap	9		Black/Red (Hybrid) Oak	2	Pole/Sapling	6		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Red Maple	Medium	>20 feet	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																			
Bigtooth Aspen	35	Pole	7	52																																			
Red Maple	28	Pole/Sapling	7																																				
White Pine	35	Pole/Log/Sap	9																																				
Black/Red (Hybrid) Oak	2	Pole/Sapling	6																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Red Maple	Medium	>20 feet	Sapling																																				
630	4131 - Aspen, Oak	Poletimber Well	4.6	42	81-110	N/A	The terrain is generally level but slightly hummocky. There appears to be some lowlands which makes up about 25%.																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Oak</td> <td>15</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>75</td> <td>Pole/Sapling</td> <td>5</td> <td>42</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>10</td> <td>Pole/Log/Sap</td> <td>8</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Oak	15	Pole/Log/Sap	9		Bigtooth Aspen	75	Pole/Sapling	5	42	Black/Red (Hybrid) Oak	10	Pole/Log/Sap	8																
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Oak	15	Pole/Log/Sap	9																																				
Bigtooth Aspen	75	Pole/Sapling	5	42																																			
Black/Red (Hybrid) Oak	10	Pole/Log/Sap	8																																				
632	6224 - Treed Bog	Nonstocked	1.4		Unspecified	No	The stand is a depression and does have white pine, tamarack, birch, and quaking aspen. The crown closure is around 20%.																																
633	6113 - Lowland Maple	Poletimber Poor	8.5	72	51-80	N/A	The stand is wet, with heavy sensitive fern ground cover. The ash has died out. There are some upland ridges. However, much of the stand is very low and wet.																																
		<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>90</td> <td>Pole/Log</td> <td>9</td> <td>72</td> </tr> <tr> <td>Quaking Aspen</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>5</td> <td>Pole/Sapling</td> <td>7</td> <td></td> </tr> </tbody> </table>			Canopy Species	% Cover	Size Class	DBH	Age	Red Maple	90	Pole/Log	9	72	Quaking Aspen	5	Pole/Sapling	7		Black/Red (Hybrid) Oak	5	Pole/Sapling	7		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tag Alder</td> <td>Low</td> <td>10 - 20 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Tag Alder	Low	10 - 20 feet	Tall Shrub	Red Maple	Medium	>20 feet	Sapling	
Canopy Species	% Cover	Size Class	DBH	Age																																			
Red Maple	90	Pole/Log	9	72																																			
Quaking Aspen	5	Pole/Sapling	7																																				
Black/Red (Hybrid) Oak	5	Pole/Sapling	7																																				
Sub-Canopy Species	Density	Avg. Height	Size																																				
Tag Alder	Low	10 - 20 feet	Tall Shrub																																				
Red Maple	Medium	>20 feet	Sapling																																				
634	6229 - Mixed lowland shrub	Nonstocked	5.6		Immature	No	The overstory in much of the stand is now gone. The crown closure has dropped to just below 25%. There are a few areas of higher density through the center and along the edges in pockets.																																
		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Bigtooth Aspen</td> <td>Medium</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> </tbody> </table>			Sub-Canopy Species	Density	Avg. Height	Size	Bigtooth Aspen	Medium	>20 feet	Sapling	Red Maple	Low	>20 feet	Sapling																							
Sub-Canopy Species	Density	Avg. Height	Size																																				
Bigtooth Aspen	Medium	>20 feet	Sapling																																				
Red Maple	Low	>20 feet	Sapling																																				



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments	
635	42210 - Natural Red Pine	Sawtimber Medium	9.8	52	111-140	N/A	The stand is variable with some planted and some natural red pine, and aspen. The Aspen has declined. Much of it is now on the ground. The pine is now the dominant species. The stand could be cut either as a clear-cut or selection. there is a creek flowing through the stand that has an associated flood plain.	
Canopy Species		% Cover	Size Class	DBH	Age			
Bigtooth Aspen		25	Pole/Log	8	52			
White Pine		15	Log/Pole	10				
Red Pine		60	Log/Pole	13	52			
636	310 - Herbaceous Openland	Nonstocked	1.1		Unspecified	No	The stand is mainly open herbaceous with some white pines.	
637	4131 - Aspen, Oak	Sapling Well	7.2	33	1-50	N/A	The far eastern 5 acres is a dry oak ridge of the same age. The stand is predominantly a ridge along Sterling Truck Trail.	
Canopy Species		% Cover	Size Class	DBH	Age			
Red Maple		6	Sapling	4				
Black/Red (Hybrid) Oak		32	Sapling	4				
Bigtooth Aspen		62	Sapling/Pole	4	33			
					Sub-Canopy Species	Density	Avg. Height	Size
					White Oak	Low	5 - 10 feet	Sapling
					Red Maple	Low	>20 feet	Sapling
639	6112 - Lowland Aspen	Poletimber Medium	5.9	48	51-80	N/A	The shrubs are very dense in places with huckleberry ground cover. It is hummocky and has about 60 to 70% lowland. There are some slight uplands.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		60	Pole/Sapling	5	48			
Red Maple		40	Sapling/Pole	4	48			
					Sub-Canopy Species	Density	Avg. Height	Size
					Michigan Holly	Low	5 - 10 feet	Tall Shrub
641	6113 - Lowland Maple	Poletimber Well	8.8	93	51-80	N/A	The stand is dry enough to be operable. The central portion of the stand is too wet to harvest. The east and west sides are dryer. the terrain is hummocky. Any ash in the stand has died. The crown closure goes from 100% down to 25% and averages around 75%.	
Canopy Species		% Cover	Size Class	DBH	Age			
Quaking Aspen		4	Log/Pole	10				
Paper Birch		6	Pole/Log	8				
Red Maple		90	Pole/Sap/Log	9	93			
					Sub-Canopy Species	Density		Avg. Height
					Tag Alder	Medium	10 - 20 feet	Tall Shrub
					Michigan Holly	Medium	5 - 10 feet	Tall Shrub
					Red Maple	High	Variable	Sapling
					Black/Red (Hybrid) Oak	Low	Variable	Sapling
643	4139 - Aspen, Mixed Deciduous	Sapling Medium	21.3	19	Immature	N/A	The stand was clearcut in 2005. Most of the maple is residual saps. The stand has 10-15% lowland. The open areas are filling in with oak. The crown closure is now around 50%. The terrain is hummocky.	
Canopy Species		% Cover	Size Class	DBH	Age			
Bigtooth Aspen		53	Sapling	2	19			
Red Maple		40	Sapling	4				
White Oak		2	Sapling	2				
Red Oak		5	Sapling	2				
					Sub-Canopy Species	Density	Avg. Height	Size
					Willow spp.	Low	5 - 10 feet	Tall Shrub
					Tag Alder	Low	5 - 10 feet	Tall Shrub
644	4130 - Aspen	Poletimber Well	4.6	52	81-110	N/A	The stand has a lower site index than stand 622 and smaller diameters.	
Canopy Species		% Cover	Size Class	DBH	Age			
Bigtooth Aspen		80	Pole/Sapling	6	52			
Red Maple		4	Sapling/Pole	4				
Black/Red (Hybrid) Oak		16	Pole/Sap/Log	6				
					Sub-Canopy Species	Density	Avg. Height	Size
					Red Maple	Medium	>20 feet	Sapling
					Deciduous Shrubs	Medium	5 - 10 feet	Tall Shrub
645	6233 - Wet Meadow	Nonstocked	8.8		Unspecified	No	The stand is a depression. It is a wet meadow of marsh grass and cattails. There are also pockets of leather leaf.	



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																																						
646	6113 - Lowland Maple	Sawtimber Medium	4.7	93	1-50	N/A	The stand is low and wet. The crown closure goes from 100% down to below 25%. The average crown closure is around 50%. All ash that was in the stand is gone. The density is higher in the west end. The terrain is hummocky.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>80</td> <td>Log/Pole/Sap</td> <td>10</td> <td>93</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> <tr> <td>Northern Pin Oak</td> <td>15</td> <td>Pole/Sapling</td> <td>5</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	80	Log/Pole/Sap	10	93	Paper Birch	5	Pole/Sapling	5		Northern Pin Oak	15	Pole/Sapling	5		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Michigan Holly</td> <td>Full</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Full	5 - 10 feet	Tall Shrub													
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	80	Log/Pole/Sap	10	93																																									
Paper Birch	5	Pole/Sapling	5																																										
Northern Pin Oak	15	Pole/Sapling	5																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Michigan Holly	Full	5 - 10 feet	Tall Shrub																																										
647	4131 - Aspen, Oak	Poletimber Well	11.9	87	111-140	N/A	East of Sterling Truck Trail is very steep. This portion is surrounded by the trail on 2 sides: factor limit 2E: too steep. The stand west of the road could be harvested. It is flat and hummocky. There may be some pockets that are a little on the wet.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>4</td> <td>Pole/Log/Sap</td> <td>8</td> <td>83</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>76</td> <td>Pole/Log</td> <td>9</td> <td>87</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>20</td> <td>Pole/Log/Sap</td> <td>9</td> <td>83</td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	4	Pole/Log/Sap	8	83	Bigtooth Aspen	76	Pole/Log	9	87	Black/Red (Hybrid) Oak	20	Pole/Log/Sap	9	83	<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>>20 feet</td> <td>Sapling</td> </tr> <tr> <td>Red Maple</td> <td>Medium</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	>20 feet	Sapling	Red Maple	Medium	10 - 20 feet	Sapling									
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	4	Pole/Log/Sap	8	83																																									
Bigtooth Aspen	76	Pole/Log	9	87																																									
Black/Red (Hybrid) Oak	20	Pole/Log/Sap	9	83																																									
Sub-Canopy Species	Density	Avg. Height	Size																																										
Black/Red (Hybrid) Oak	Low	>20 feet	Sapling																																										
Red Maple	Medium	10 - 20 feet	Sapling																																										
648	6233 - Wet Meadow	Nonstocked	8.0		Unspecified	No	The stand has 20-25% floating aquatics at southwest end. The stand has some beaver activity. There is significant water at the west end.																																						
649	6220 - Alder/willow	Nonstocked	5.1		Unspecified	No	The stand is mainly lowland shrub with some scattered birch in the western half.																																						
650	4131 - Aspen, Oak	Poletimber Well	10.0	33	51-80	N/A	The western portion is much heavier to oak, and eastern is heavier to aspen.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Red Maple</td> <td>3</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>57</td> <td>Pole/Sapling</td> <td>5</td> <td>33</td> </tr> <tr> <td>Black/Red (Hybrid) Oak</td> <td>40</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Red Maple	3	Sapling/Pole	4		Bigtooth Aspen	57	Pole/Sapling	5	33	Black/Red (Hybrid) Oak	40	Sapling/Pole	4		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>Low</td> <td>10 - 20 feet</td> <td>Sapling</td> </tr> <tr> <td>Witch Hazel</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling	Witch Hazel	Medium	5 - 10 feet	Tall Shrub									
Canopy Species	% Cover	Size Class	DBH	Age																																									
Red Maple	3	Sapling/Pole	4																																										
Bigtooth Aspen	57	Pole/Sapling	5	33																																									
Black/Red (Hybrid) Oak	40	Sapling/Pole	4																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Black/Red (Hybrid) Oak	Low	10 - 20 feet	Sapling																																										
Witch Hazel	Medium	5 - 10 feet	Tall Shrub																																										
653	6113 - Lowland Maple	Sawtimber Medium	29.3	90	51-80	N/A	The stand is variable. It is possibly operable and productive at south end, to nearly a lowland shrubs type at west end, to somewhat smaller diameters with a moderate density in middle. The stand has numerous wet drains going between the adjacent lowlands making the stand unmanageable.																																						
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Black/Red (Hybrid) Oak</td> <td>18</td> <td>Pole/Log/Sap</td> <td>9</td> <td></td> </tr> <tr> <td>Red Maple</td> <td>74</td> <td>Log/Pole/Sap</td> <td>10</td> <td>90</td> </tr> <tr> <td>Paper Birch</td> <td>5</td> <td>Pole/Sapling</td> <td>5</td> <td>86</td> </tr> <tr> <td>Bigtooth Aspen</td> <td>3</td> <td>Pole</td> <td>8</td> <td></td> </tr> </tbody> </table>		Canopy Species	% Cover	Size Class	DBH	Age		Black/Red (Hybrid) Oak	18	Pole/Log/Sap	9		Red Maple	74	Log/Pole/Sap	10	90	Paper Birch	5	Pole/Sapling	5	86	Bigtooth Aspen	3	Pole	8		<table border="1"> <thead> <tr> <th>Sub-Canopy Species</th> <th>Density</th> <th>Avg. Height</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Michigan Holly</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Tag Alder</td> <td>Medium</td> <td>5 - 10 feet</td> <td>Tall Shrub</td> </tr> <tr> <td>Red Maple</td> <td>High</td> <td>Variable</td> <td>Sapling</td> </tr> </tbody> </table>		Sub-Canopy Species	Density	Avg. Height	Size	Michigan Holly	Medium	5 - 10 feet	Tall Shrub	Tag Alder	Medium	5 - 10 feet	Tall Shrub	Red Maple	High	Variable	Sapling
Canopy Species	% Cover	Size Class	DBH	Age																																									
Black/Red (Hybrid) Oak	18	Pole/Log/Sap	9																																										
Red Maple	74	Log/Pole/Sap	10	90																																									
Paper Birch	5	Pole/Sapling	5	86																																									
Bigtooth Aspen	3	Pole	8																																										
Sub-Canopy Species	Density	Avg. Height	Size																																										
Michigan Holly	Medium	5 - 10 feet	Tall Shrub																																										
Tag Alder	Medium	5 - 10 feet	Tall Shrub																																										
Red Maple	High	Variable	Sapling																																										
654	500 - Water	Nonstocked	3.6		Unspecified	No	The pond surrounded with rushes and tag alder.																																						
656	3104 - Degraded	Nonstocked	2.3		Unspecified		The site has been degraded. Storage tank site with knapweed and bare sand. 2 tanks and a well. There is a plugged well, permit 10932, and active site permit 31346																																						
657	6233 - Wet Meadow	Nonstocked	1.2		Unspecified		The southern less than 1 acre is well pad with well.																																						
658	3104 - Degraded	Nonstocked	3.9		Unspecified		This is a producing well pad and oil facilities; Lease Name State Adams; Permit 11685. It is 60% grass and weeds, 40% bare and gravel road.																																						



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments																														
659	6230 - Cattail	Nonstocked	10.7		Unspecified	No	The stand is a pure cattail marsh.																														
663	42220 - Natural Jack Pine	Poletimber Medium	4.8	42	81-110	N/A	East end grades into higher percentage of hardwoods. The stand is a swale that is wet in the spring.																														
<table border="1"> <thead> <tr> <th>Canopy Species</th> <th>% Cover</th> <th>Size Class</th> <th>DBH</th> <th>Age</th> </tr> </thead> <tbody> <tr> <td>Jack Pine</td> <td>75</td> <td>Pole/Sapling</td> <td>6</td> <td>42</td> </tr> <tr> <td>Red Maple</td> <td>4</td> <td>Pole/Sapling</td> <td>6</td> <td>38</td> </tr> <tr> <td>Paper Birch</td> <td>8</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> <tr> <td>Bigtooth Aspen</td> <td>7</td> <td>Pole/Sapling</td> <td>5</td> <td>42</td> </tr> <tr> <td>Northern Pin Oak</td> <td>6</td> <td>Sapling/Pole</td> <td>4</td> <td></td> </tr> </tbody> </table>								Canopy Species	% Cover	Size Class	DBH	Age	Jack Pine	75	Pole/Sapling	6	42	Red Maple	4	Pole/Sapling	6	38	Paper Birch	8	Sapling/Pole	4		Bigtooth Aspen	7	Pole/Sapling	5	42	Northern Pin Oak	6	Sapling/Pole	4	
Canopy Species	% Cover	Size Class	DBH	Age																																	
Jack Pine	75	Pole/Sapling	6	42																																	
Red Maple	4	Pole/Sapling	6	38																																	
Paper Birch	8	Sapling/Pole	4																																		
Bigtooth Aspen	7	Pole/Sapling	5	42																																	
Northern Pin Oak	6	Sapling/Pole	4																																		
664	6230 - Cattail	Nonstocked	1.5		Unspecified	No	This is wetter than some of the other cattail marshes in the area.																														