Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45179
Entry Year 2026
Acreage: 1,702
County Mackinac
Management Area: St. Ignace Lake Plain

Stand Examiner: Cody Flatt

Legal Description:

T44N-R10W, Sections 4, 8-10, 15 & 17

Identified Planning Goals:

This compartment is located along the Luce/Mackinac county line and reaches form just west of Highway M-117 over to just East of Krause Road. This entry, management will consist of selection and shelterwood harvests of mature northern hardwoods to improve quality and promote growth and regeneration. Final harvests of lowland mixed conifer and mixed deciduous stands are scheduled to promote regeneration.

Soil and topography:

The compartment is generally flat-gently rolling. There are some ridges in the northeast of section 4. There are numerous creeks of varying size throughout the compartment. The uplands generally consist of sands (Wallace). The lowlands consist of histosols, aquents, and Markey-Carbondale muck.

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

This compartment is located on the northern edge of an established agricultural and residential area north of Engadine. There are numerous private holdings within the compartment resulting in fragmented state ownership. There is significant private to the south, which is generally open agricultural land. Hiawatha Sportsman's club borders the compartment to the east. The north edge of the compartment is the Luce/ Mackinac county line.

Unique Natural Features:

McAlpine Creek, Skunk Creek and tributaries and the upper Millecoquin River run through the compartment. There is a potential for rare threatened or endangered plant and animal species within the compartment. Stands to be managed will be checked for species of concern. Management will be modified if species are found within those stands per management guidelines for that species.

Archeological, Historical, and Cultural Features:

There are known concerns within the compartment. All proposed management activities have taken these concerns into consideration.

Special Management Designations or Considerations:

None

Watershed and Fisheries Considerations:

This compartment contains Skunk Creek, McAlpine Creek, and the Upper Millecoquins River. Skunk Creek, McApline Creek, and the Upper Millecoquins River are designated Type 1 trout stream less than 50-ft wide that have predicted mean July temperatures ranging from 56.1 to 59.9 °F (cold streams). 300-foot buffers are recommended for Skunk Creek, McAlpine Cree, and the Upper Millecoquins River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment lies within the St. Ignace lake Plain Management Area. The original surveyor's notes show that this area generally contained a diversity of tree species including hemlock, white birch, yellow birch, sugar maple, black ash, aspen, elm, red maple, and cedar. Lowlands also contained spruce and tamarack. Presently, this compartment is a diverse mixture of aspen, cedar, northern hardwoods, hemlock, white and yellow birch, etc.. Lowland brush occupies a significant portion as well, with many raspberry plants providing valuable soft mast for wildlife. Wildlife habitat objective include maintaining structural and age diversity in hardwoods, age class diversity between aspen stands, and maintaining diversity of cover in lowland conifer stands. Large trees (including legacy trees) and standing snags will be important to maintain on the landscape where they are present for wildlife to use as refuge trees (black bear), roosting or nesting trees (birds and small mammals), and ultimately as course woody debris on the ground over time while possibly serving as drumming logs for grouse in the future. Wildlife species with the potential to benefit from the prescriptions include hawks, owls, snowshoe hare, deer, black bear, ruffed grouse, bobcat, and neo-tropical migrant birds such as warblers. The ground is wet in many

areas and some stands have old ruts from past harvests. Care should be taken to avoid rutting or damaging wet soils and wet areas, flowing drains and creeks should be buffered or held as retention.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) clay, silt, sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness. The Silurian Burnt Bluff Group and Cabot Head Shale subcrop below the glacial drift. The Burnt Bluff is quarried for stone/limestone elsewhere in the UP. Gravel pits are located in Section 15 & 16 and there is potential on the uplands. No known potential exists for economic production of oil & gas or metallic minerals in this part of the state. The closest active sand/gravel operation is several miles away. There may be some minor potential for sand & gravel within the compartment on the uplands, but much of the compartment is covered by wetlands, which could inhibit surface mining. Furthermore, the compartment might be too far from populated areas (markets) for any aggregate resources present to have much economic potential beyond use by the county road commission or DNR for road maintenance. Potential for mineral development within the compartment in the near future is considered low.

Vehicle Access:

Access to the western part of the compartment is very good via state highway M-117, which runs north/south through the compartment. Krause Road (County) runs north/south paralleling M-117 one mile to the east and offers good year round access. There are numerous two-track forest roads that offer access to the interior of the western section of the compartment. Access is limited in the eastern section of the compartment. Access to the east of upper Millecoquins River is through Hiawatha Sportsman's Club. Areas south and west of Skunk Creek are blocked by private and any access would be through private. There is very limited access via state land from the north in the northeast of section 10.

Survey Needs:

Blue property lines will need to be painted. Survey will be needed in Section 17.

Recreational Facilities and Opportunities:

Hunting opportunities are plentiful with a wide range of habitat types within this compartment (see wildlife notes). Fishing is common along McAlpine Creek, Skunk Creek, and the upper Millecoquins River (see fisheries notes). There are no designated snowmobile or ORV trails within the compartment. A groomed snowmobile trail as well as the Sandtown Motorcycle trail is located just north of the compartment.

Fire Protection:

Fire potential is limited due to the large amounts of lowland fuel types and northern hardwoods. Areas of grass and/or slash form previous harvests are present and could be areas for fire potential. Any fire occurring within the lowland types (mucky soils) has potential to require heavy mop-up. Fire access is through private in large areas of the compartment. McAlpine Creek, Skunk Creek, the upper Millecoquins River and various seasonal water holes are potential water sources.

Additional Compartment Information:

None

The following reports from the Inventory are attached:

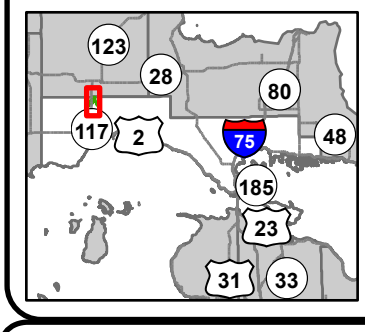
- **Total Acres by Cover Type and Age Class**
- **Cover Type by Harvest Method**
- **Proposed Treatments – No Limiting Factors**
- **Proposed Treatments – With Limiting Factors**
- **Stand Details (Forested and Nonforested)**
- **Dedicated and Proposed Special Conservation Areas**
- **Site Condition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

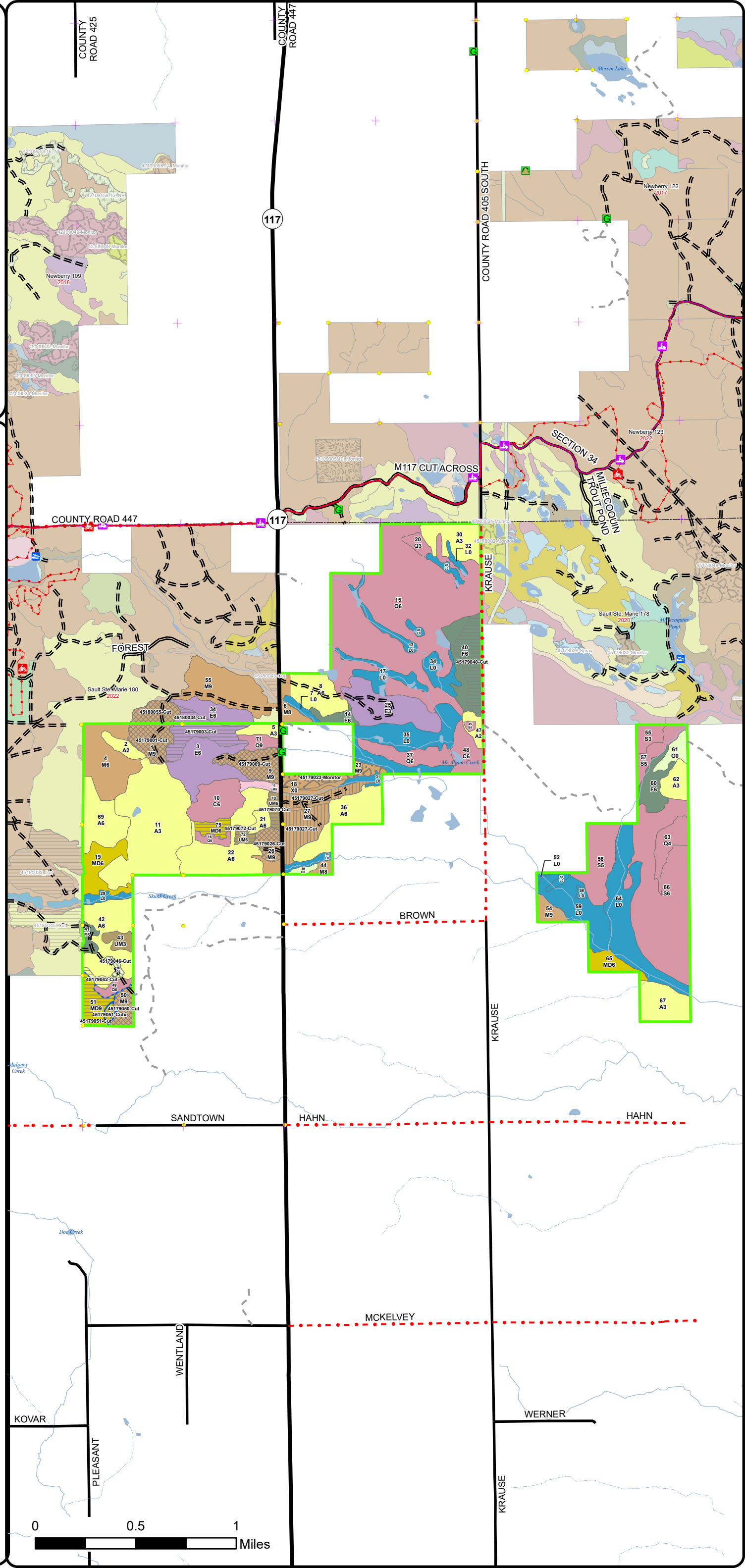
Cover Type & Treatments Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



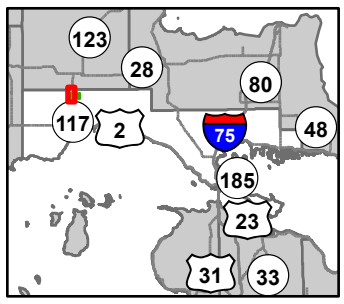
N

- Berms
- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 629 - Mixed Non-forested Wetland
- 411 - Northern Hardwood
- 611 - Lowland Deciduous Forest



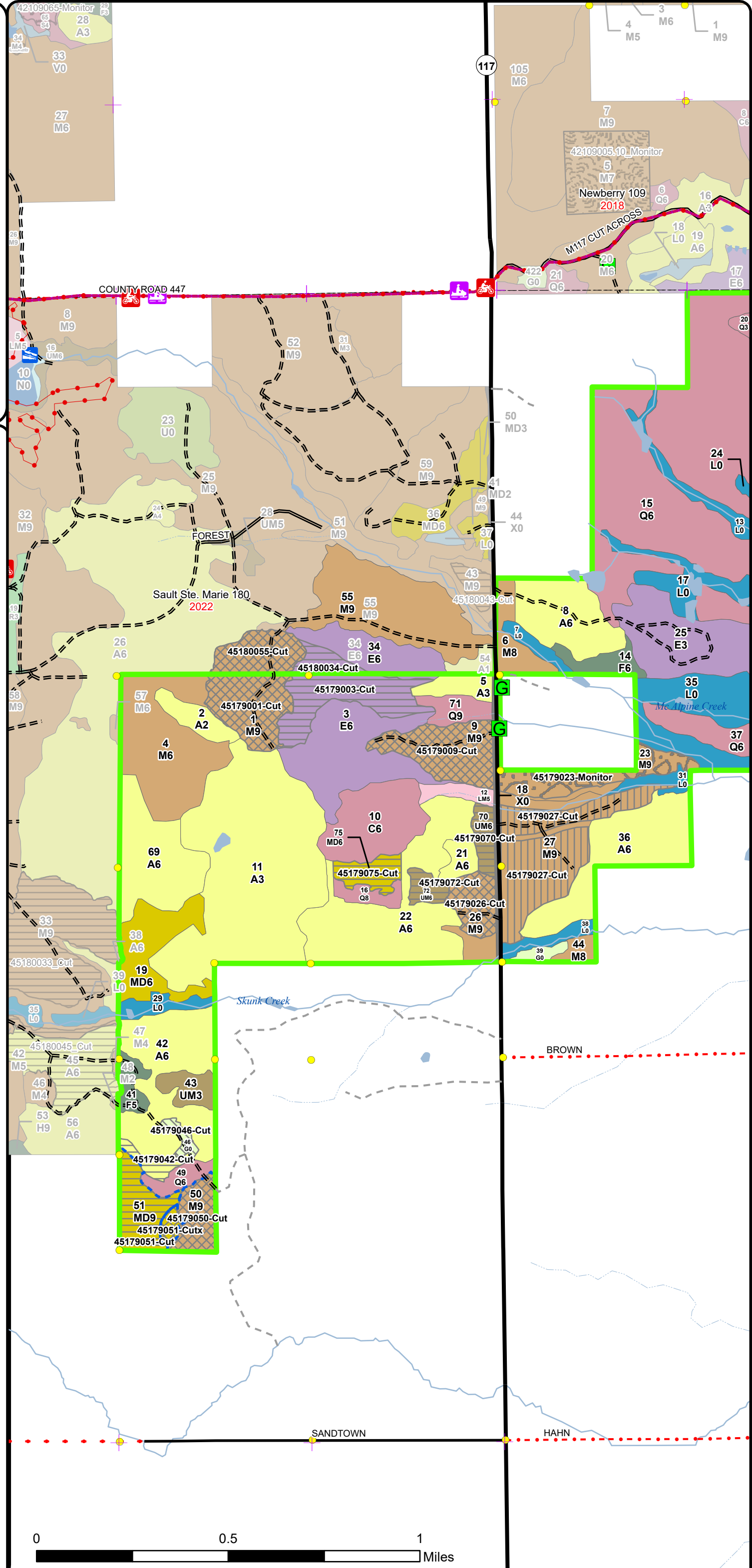
Cover Type & Treatments Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



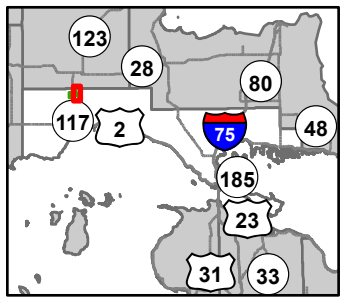
N

- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Treatments with Site Conditions
- Other Harvest - See Comments
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- Selection (Group, Single Tree)
- Clearcut (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 629 - Mixed Non-forested Wetland
- 411 - Northern Hardwood
- 611 - Lowland Deciduous Forest



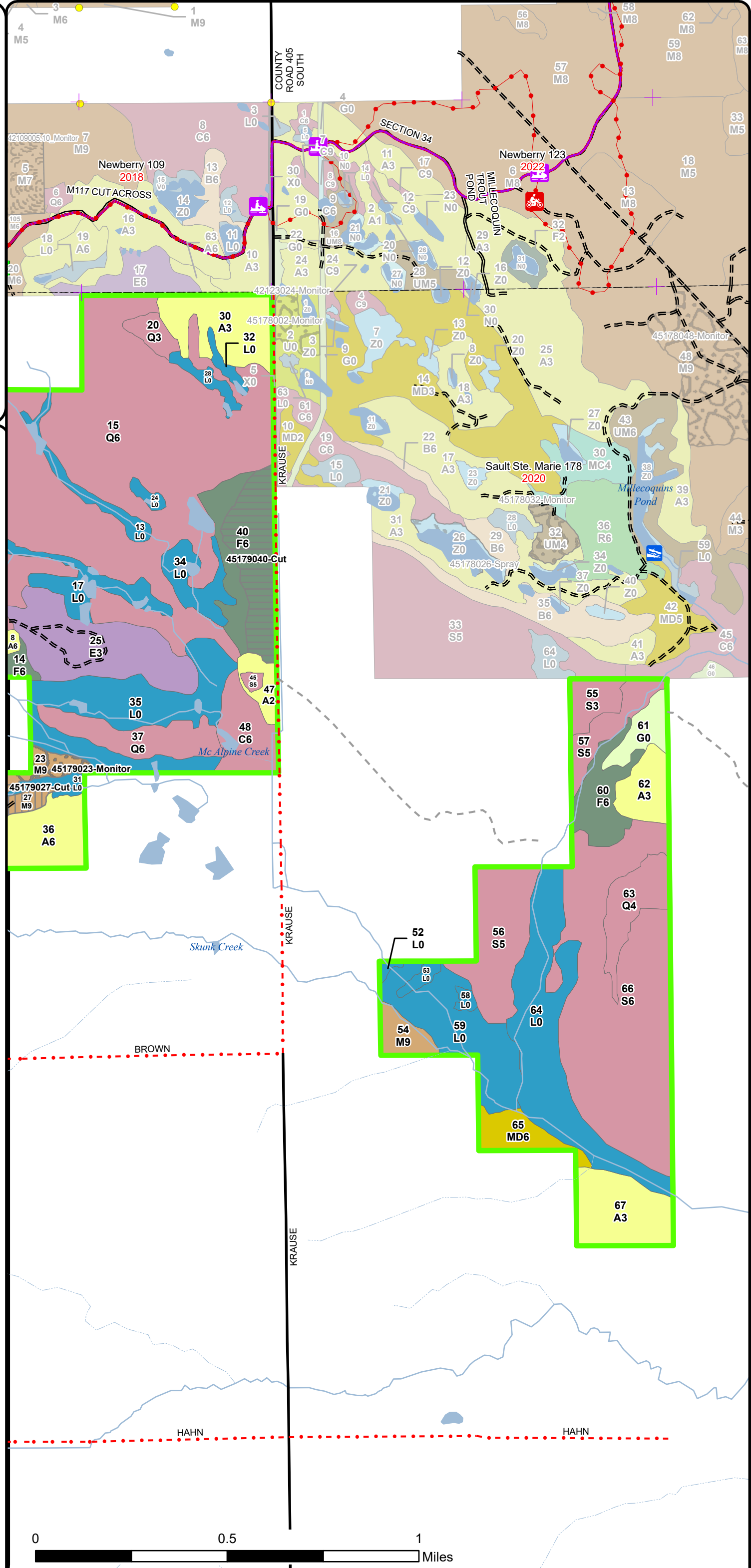
Cover Type & Treatments Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



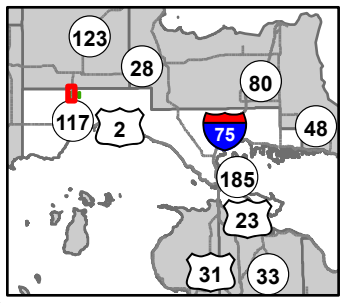
N

- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Clearcut (w/Reserves)
- Regeneration Survey
- Shelter Wood (w/Reserves)
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 629 - Mixed Non-forested Wetland



Stand Boundary Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



N

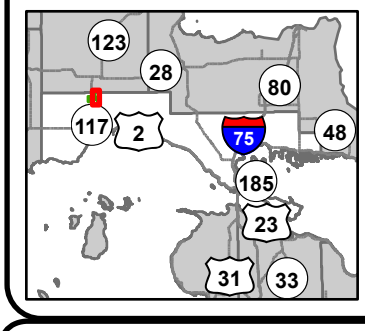
- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 430 - Upland Mixed Forest
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 629 - Mixed Non-forested Wetland

COUNTY ROAD 447
M117 CUT ACROSS
FOREST
45180
2022
45179
2026
BROWN
SANDTOWN
HAHN
Wilson Creek

0 0.5 1 Miles

Stand Boundary Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post

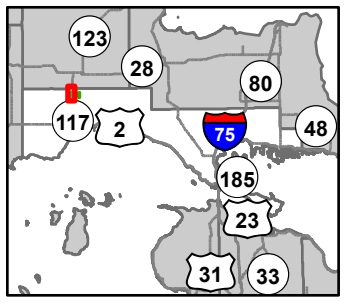


N

- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Stand Boundaries
- 411 - Northern Hardwood
- 413 - Aspen Types
- 419 - Mixed Upland Deciduous
- 423 - Other Upland Conifers
- 611 - Lowland Deciduous Forest
- 612 - Lowland Coniferous Forest
- 310 - Herbaceous Openland
- 629 - Mixed Non-forested Wetland

Special Conservation Areas & Site Conditions Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



N

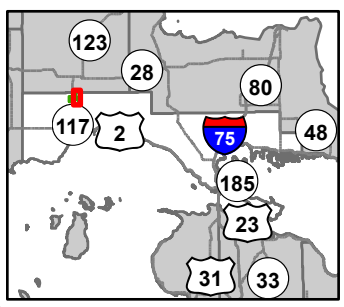
- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State Highway
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 2I: Survey needed
- 5C: Delay treatment for age/size class diversity or exceptional
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland
- 3J: Water quality / BMPs (stream, river, or lake)
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes

COUNTY ROAD 447
M117 CUT ACROSS
FOREST
Skunk Creek
Mc Alpine Creek
BROWN
SANDTOWN
HAHN
117

0 0.5 1 Miles

Special Conservation Areas & Site Conditions Map

Compartment: 45179
T44N-R10W, Sections 4, 8-10, 15 & 17
County: Mackinac
Unit: Sault Ste. Marie
Mgmt Area: St. Ignace Lake Plain
YOE: 2026
Acres: 1701.8 GIS Calculated
Examiner: Cody Flatt
Map Revised: 07/22/2024
Map Phase: Web Post



N

- Gate
- Boating Access Site
- Survey Grade Corners
- Remonumented Section Corners
- Motorcycle Trails (DNR License)
- Snowmobile Trails
- ORV License & Trail Permit
- Designated ORV Route
- Designated Snowmobile Trails
- DNR - Primary Forest Road
- DNR - Secondary Forest Road
- DNR - Forest Access Route
- Federal / State / County - Paved Road
- County - Gravel Road
- Private - Dirt / Gravel Road
- Intermittent Stream
- Island in Lake or River
- Lake/Pond
- Perennial River
- Lakes and Rivers
- Compartment Boundary
- Available w/ Constraints
- Unavailable
- 5C: Delay treatment for age/size class diversity or exceptional
- 2G: Too wet (sensitive soils, does not include access issues)
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland
- 3A: Conservation Values incompatible with harvest at this time
- 3J: Water quality / BMPs (stream, river, or lake)
- 5E: Long-Term Retention
- Stand Boundaries
- Cold Water Streams
- Cold Water Lakes
- Deer Winter Range

COUNTY ROAD 405 SOUTH
SECTION 34
M117 CUT ACROSS
MILLECOQUIN TROUT POND
KRAUSE
Millecoquins Pond
Mc Alpine Creek
Skunk Creek
BROWN
HAHN
HAHN

0 0.5 1 Miles

Report 1 – Total Acres by Cover Type and Age Class

Sault Ste. Marie Mgt. Unit **Compartment 179 Year of Entry 2026**

Cody Flatt : Examiner

Age Class

	Non-Forest	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150+	Uneven-Aged	Total
Aspen	0	0	50	42	243	82	0	0	0	0	0	0	0	0	0	0	0	0	**417**
Cedar	0	0	0	0	0	0	0	0	0	0	0	19	29	0	0	0	0	0	**48**
Herbaceous Openland	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**16**
Lowland Conifers	0	0	0	0	0	6	0	28	0	31	251	0	0	0	0	0	0	0	**316**
Lowland Deciduous	0	0	0	0	46	0	0	66	0	0	0	0	0	0	0	0	0	0	**112**
Lowland Mixed Forest	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	**5**
Lowland Shrub	229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**229**
Lowland Spruce/Fir	0	0	0	0	0	0	1	58	126	0	0	0	0	0	0	0	0	0	**185**
Mixed Upland Deciduous	0	0	0	0	0	24	13	8	18	0	0	0	0	0	0	0	0	0	**63**
Northern Hardwood	0	0	0	0	0	46	0	15	4	124	22	0	0	0	0	0	0	0	**210**
Upland Mixed Forest	0	0	0	7	0	0	0	10	0	0	0	0	0	0	0	0	0	0	**17**
Upland Spruce/Fir	0	0	0	0	6	0	7	0	44	18	0	0	0	0	0	0	0	0	**75**
Urban	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**8**
Total	**253**	**0**	**50**	**49**	**295**	**158**	**26**	**185**	**192**	**173**	**273**	**19**	**29**	**0**	**0**	**0**	**0**	**0**	**1701**

Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit

Year of Entry: 2026

Compartment 179

Total Compartment Acres: 1,702

Acres of Harvest

Commercial Harvest - 176

Harvests with Site Condition - 30

Next Step Harvest - 42

Habitat Cut - 42

Cover Type by Harvest Method

	Clearcut	Selection	Patch Clearcut	Seed Tree	Shelterwood	Thinning	Overstory Removal	Salvage	Other	Total Acres
Aspen	5	0	0	0	0	0	0	0	0	**5**
Herbaceous Openland	0	0	0	0	0	0	0	0	3	**3**
Lowland Deciduous	24	0	0	0	0	0	0	0	0	**24**
Mixed Upland Deciduous	24	3	0	0	0	0	0	0	0	**26**
Northern Hardwood	0	68	0	0	42	0	0	0	0	**109**
Upland Mixed Forest	10	0	0	0	0	0	0	0	0	**10**
Upland Spruce/Fir	30	0	0	0	0	0	0	0	0	**30**
Total	**92**	**70**	**0**	**0**	**42**	**0**	**0**	**0**	**3**	**207**

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	207	0	0	0	0	0	18	0	0	**225**
Next Step	42	0	0	0	0	0	204	0	0	**246**
Total	**248**	**0**	**0**	**0**	**0**	**0**	**222**	**0**	**0**	**470**

Proposed Treatments:

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
1	45179001-Cut	21.5	4112 - Maple, Beech, Cherry Association	Sawtimber Well	94	81-110	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No

Prescription Specs: Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Northern hardwood associated species

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
3	45179003-Cut	24.0	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	60	81-110	Harvest	Clearcut with Retention	611 - Lowland Deciduous Forest	Even-Aged	No

Prescription Specs: Cut all deciduous trees 2" or greater at DBH and all conifer 4" or greater at DBH. Retention will be left in stream buffer. Exclude overly wet areas and any other drains or streams found. Leave cedar, hemlock, and yellow birch along red line and in wet areas. Treatment size may vary due to wet areas and stream buffer(s).

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Aspen, maple, birch, cherry, spruce, fir, ash

Other Comment: Harvest during frozen or extreme dry conditions due to saturated soils.Buffer stream minimum 100' plus 5' for every 1% change in slope.

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
9	45179009-Cut	23.4	4112 - Maple, Beech, Cherry Association	Sawtimber Well	87	81-110	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No

Prescription Specs: Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Northern hardwood associated species

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
23	45179023-Monitor	18.0	4112 - Maple, Beech, Cherry Association	Sawtimber Well	87	51-80	Monitoring	Natural Regen (Intermediate)	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No

Prescription Specs: Continue to monitor for acceptable regeneration post harvest

Next Step Treatments:

Acceptable Regen: Maple, cherry, birch, spruce, fir, pine

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
26	45179026-Cut	10.9	4119 - Mixed Northern Hardwoods	Sawtimber Well	65	81-110	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Uneven-Aged	No

Prescription Specs: Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Northern hardwood associated species

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
27	45179027-Cut	41.7	4115 - Y.Birch, Hemlock NH	Sawtimber Well	81	81-110	Harvest	Shelterwood with Retention	4115 - Y.Birch, Hemlock NH	Uneven-Aged	No

Prescription Specs: Shelterwood harvest stand to 40-60 BA. Retain underrepresented species where possible. Leave pockets of hemlock and cedar. Thin through hemlock where operationally needed to harvest hardwood to release around the hemlock retention pocket drip edges to promote regeneration where appropriate. Remove individual hemlock in hardwoods areas to help open canopy for maple regen. Residual in maple areas should be lower around 40 BA avg to promote more regen. Leave trees over 26" DBH that meet legacy tree standards. Exclude drainage, stream, and floodplain from treatment area.
Treatment size may vary due to overly wet areas.

Next Step Treatments: Monitoring, Natural Regen (Intermediate); Harvest, Overstory Removal

Acceptable Regen: Maple, cherry, birch, hemlock, aspen, spruce, fir, pine

Other Comment: Retention of 3-10% by acreage left in patch(es), retain hemlock and cedar long term. Possible overstory removal of red maple following regeneration.

Possible winter harvest due to saturated soil, determine during prep.

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
40	45179040-Cut	29.5	42320 - Upland Spruce	Poletimber Well	76	81-110	Harvest	Clearcut with Retention	42320 - Upland Spruce	Even-Aged	No

Prescription Specs: Cut all deciduous trees that are two (2) inches or more at DBH and all conifer that are four (4) inches or more at DBH, except do not cut any cedar and hemlock. Leave a few white pine over 14".
Retention will be left in buffer along west edge of stand.

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

Acceptable Regen: Spruce, fir, maple, aspen, birch, pine, cedar

Other Comment: Harvest may be restricted to extreme dry or frozen conditions due to low ground.

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
42	45179042-Cut	4.6	4134 - Aspen, Spruce/Fir	Poletimber Well	44	81-110	Harvest	Clearcut	413 - Aspen	Even-Aged	No

Prescription Specs: Cut all trees 4" or greater at DBH. No retention due to small acreage. No chipping

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

Acceptable Regen: Aspen, maple, cherry, birch, spruce, fir

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
46	45179046-Cut	2.6	310 - Herbaceous Openland	Nonstocked		Unspecified	Harvest	Other - Specify	310 - Herbaceous Openland		No

Prescription Specs: Opening maintenance cut- cut all trees within opening

Next Step Treatments:

Acceptable Regen: None

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
50	45179050-Cut	11.8	4112 - Maple, Beech, Cherry Association	Sawtimber Well	82	81-110	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No

Prescription Specs: Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Northern hardwood associated species

Other Comment: Restrict harvest to frozen or extreme dry conditions due to condition of road needed for access.

Site Condition: Survey Needed

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
51	45179051-Cut	15.8	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	74	111-140	Harvest	Clearcut with Retention	4191 - Mixed Upland Deciduous with Conifer	Even-Aged	No

Prescription Specs: Cut all trees 4" or greater at DBH.
Retain pockets of hemlock and cedar. Mark clumps of cedar and hemlock along with yellow birch for retention. Leave 3-10% retention by acreage in patch(es).
Limit harvest operations to frozen ground due to saturated soils.
Treatment size may vary.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Maple, aspen, birch, cherry, spruce, fir, hemlock

Other Comment:

Site Condition: Survey Needed

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
51	45179051-Cutx	2.5	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	74	111-140	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Uneven-Aged	No

Prescription Specs: Thin to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Maple, aspen, birch, cherry, hemlock, spruce, fir

Other Comment: Restrict harvest to frozen or extreme dry conditions due to condition of road needed for access.

Site Condition: Survey Needed

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
70	45179070-Cut	5.8	4319 - Mixed Upland Forest	Poletimber Well	65	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No

Prescription Specs: Cut all trees 4" or greater at DBH. Exclude excessively wet areas from treatment. Leave 1-2 hemlock per acre where possible.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Maple, cherry, birch, aspen, spruce, fir, pine, hemlock

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
72	45179072-Cut	4.5	4319 - Mixed Upland Forest	Poletimber Well	65	81-110	Harvest	Clearcut	4319 - Mixed Upland Forest	Even-Aged	No

Prescription Specs: Cut all trees 4" or greater at DBH. Exclude excessively wet areas from treatment. Leave 1-2 hemlock per acre where possible.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Maple, cherry, birch, aspen, spruce, fir, pine, hemlock

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
75	45179075-Cut	8.0	4199 - Other Mixed Upland Deciduous	Poletimber Well	65	51-80	Harvest	Clearcut	4199 - Other Mixed Upland Deciduous	Even-Aged	No

Prescription Specs: Cut all trees 4" or greater at DBH. Exclude excessively wet areas from treatment. Leave 1-2 hemlock per acre where possible.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Maple, aspen, cherry, birch, spruce, fir, pine, hemlock

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
34	45180034-Cut	5.8	6119 - Mixed Lowland Deciduous Forest	Poletimber Well	40	1-50	Harvest	Clearcut	611 - Lowland Deciduous Forest	Even-Aged	No

Prescription Specs: Cut all deciduous trees 2" or greater at DBH and all conifer 4" or greater at DBH. Leave cedar, hemlock, and yellow birch along red line and in wet areas.

Harvest during frozen or extreme dry conditions due to saturated soils.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Aspen, maple, birch, cherry, spruce, fir, ash

Other Comment: OOYE 2026

Site Condition

Proposed Start Date: 10/1 /2025

Stand	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
55	45180055-Cut	14.2	4112 - Maple, Beech, Cherry Association	Sawtimber Well	109	51-80	Harvest	Single Tree Selection	4112 - Maple, Beech, Cherry Association	Uneven-Aged	No

Prescription Specs: Thin stand to an average of 60-80 BA. Focus on over mature, larger diameter stems, especially large red maple. Leave healthy beech and maintain a component of yellow birch and cherry throughout stand. Leave any hemlock. Leave trees over 26" DBH that meet legacy tree standards. Open up existing canopy gaps where adequate advanced regen is present and create new gaps in patches of suppressed advanced regen. Leave all tops uncrushed and place in areas void of advanced regeneration or in newly created canopy gaps.

Next Step Treatments: Monitoring, Natural Regen (Intermediate)

Acceptable Regen: Northern hardwood associated species

Other Comment: OOYE 2026

Site Condition

Proposed Start Date: 10/1 /2025

Total Treatment Acreage Proposed: **244.6**

Report 4 – Site Conditions

Sault Ste. Marie Mgt. Unit

Cody Flatt : Examiner

Compartment: 179

Year of Entry: 2026

Availability for Management

Total Acres	Acres Available	*Acres Avail With Condition*	Acres Not Available	
417	410	***0***	7	**Aspen**
48	48	***0***	0	**Cedar**
15	15	***0***	0	**Herbaceous Openland**
316	12	***251***	53	**Lowland Conifers**
112	70	***25***	16	**Lowland Deciduous**
5	0	***0***	5	**Lowland Mixed Forest**
229	229	***0***	0	**Lowland Shrub**
186	162	***0***	23	**Lowland Spruce/Fir**
63	45	***18***	0	**Mixed Upland Deciduous**
210	177	***21***	13	**Northern Hardwood**
18	18	***0***	0	**Upland Mixed Forest**
76	36	***26***	14	**Upland Spruce/Fir**
8	8	***0***	0	**Urban**
1,702	1,230	***341***	131	Total Forested Acres
	72%	***20%***	8%	Relative Percent

Dominant Site Conditions

2B	*2I*	*5C*	2G	2H	3A	3J	5E
			7				
		251	23	22		7	
		25	7			9	
						5	
			13		10		
	18						
9	***12***					13	
		26					14
						0	
9	***30***	***302***	51	22	10	34	14

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

Site No.	Dominant Site Cond	Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
1		**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	5	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:							
2		**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:							

3	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	251	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
4	**Unavailable**	**2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)**	22	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
5	**Unavailable**	**3A: Conservation Values incompatible with harvest at this time**	10	2G: Too wet (sensitive soils, does not include access issues)	5D: Unproductive Forest Land	Unspecified	Unspecified
	Comments:						
6	**Available**	**2B: Unknown if access through adjacent landowner(s) is possible**	9	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	18	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

9	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	13	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
Comments:							
10	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	4	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
11	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	5	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
12	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	7	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
13	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	9	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
Comments:							

14	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
15	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
16	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	7	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
17	**Unavailable**	**2G: Too wet (sensitive soils, does not include access issues)**	18	5D: Unproductive Forest Land	Unspecified	Unspecified	Unspecified
	Comments:						
18	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	7	2G: Too wet (sensitive soils, does not include access issues)	Unspecified	Unspecified	Unspecified
	Comments:						
19	**Unavailable**	**3J: Water quality / BMPs (stream, river, or lake)**	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

20	**Unavailable**	**5E: Long-Term Retention**	14	3J: Water quality / BMPs (stream, river, or lake)	Unspecified	Unspecified	Unspecified
	Comments:						
21	**Available**	**2I: Survey needed**	12	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
22	**Available**	**2I: Survey needed**	18	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
23	**Available**	**5C: Delay treatment for age/size class diversity or exceptional site quality**	25	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

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
SCA	Cold Water Lake	A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
1	4112 - Maple, Beech, Cherry Association	Sawtimber Well	21.5	94	81-110	N/A	Stand was thinned in 2017. Advanced maple regeneration present in many areas. Maple saplings and seedlings from 1'-5' are being heavily browsed by deer.

Canopy Species	% Cover	Size Class	DBH	Age
Beech	5	Log/Pole	11	
Black Cherry	5	Log/Pole	10	
Sugar Maple	50	Log/Pole	12	94
Red Maple	40	Log/Pole	12	

Sub-Canopy Species	Density	Avg. Height	Size
Beech	Low	Variable	Sapling
Maple (spp.)	Medium	Variable	Sapling
Conifers	Low	Variable	Sapling
Maple (spp.)	Medium	Variable	Seeding

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
2	4130 - Aspen	Sapling Medium	8.2	15	Immature	N/A	Clearcut in 2009. Mostly aspen regen with balsam fir and mixed deciduous. Low wet drainage runs through middle of stand, this area is open with tag alder growing.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Sapling	2	
Quaking Aspen	60	Sapling	2	15
Black Cherry	5	Sapling	2	
Balsam Fir	15	Sapling	3	
Red Maple	10	Sapling	3	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
3	6117 - Lowland Deciduous, Mixed Coniferous	Poletimber Well	65.5	60	81-110	N/A	Stand is mix of aspen, fir, spruce, red maple. North half of stand is larger diameter than southern half. Stream runs through north part of stand and beaver have flooded some of the southern area.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Pole	6	
Paper Birch	10	Pole	6	
Northern White Cedar	5	Log	12	
Quaking Aspen	30	Pole/Log	8	60
Black Cherry	5	Pole	8	
White Spruce	5	Pole/Log	9	
Red Maple	20	Log/Pole	10	
Yellow Birch	5	Log	12	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
4	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	46.2	44	51-80	N/A	Stand looks to have been choppers choice in past, where areas of aspen were cut and maple poles were left uncut. Stand is now a mosaic of large pole/ small log sized red maple and sugar maple with small pole/ large sapling aspen and cherry.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Pole/Log	9	65
Quaking Aspen	40	Pole/Sapling	5	44
Sugar Maple	10	Pole/Log	9	
Black Cherry	20	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Sugar Maple	Medium	Variable	Sapling
Quaking Aspen	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
5	4130 - Aspen	Sapling Well	7.0	14	Immature	N/A	Aspen regeneration, sale cut in 2010.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	35	Sapling	3	
Balsam Fir	10	Sapling	2	
Black Cherry	10	Sapling	2	
Quaking Aspen	45	Sapling	3	14

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
6	4112 - Maple, Beech, Cherry Association	Sawtimber Medium	11.1	88	51-80	N/A	Stand was thinned in 2010. Has lower basal area from previous harvest, good red maple stump spout regeneration.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	25	Log/Pole	10	
Red Maple	55	Log/Pole	10	88
White Spruce	5	Log/Pole	10	
Yellow Birch	5	Log/Pole	10	
Hemlock	5	Log/Pole	10	
Black Cherry	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
7	629 - Mixed non-forested wetland	Nonstocked	4.3		Unspecified	No	McAlpine creek and floodplain

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
8	4130 - Aspen	Poletimber Well	27.4	35	51-80	N/A	Aspen stand beginning to grow into pole timber

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	75	Pole/Sapling	5	35
Bigtooth Aspen	20	Pole/Sapling	5	
Black Cherry	5	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
9	4112 - Maple, Beech, Cherry Association	Sawtimber Well	23.4	87	81-110	N/A	Stand was thinned in 2017. Basal area average from 90-100, areas of 110-120. There are pockets of advanced maple regeneration. Most saplings from1'-5' in height are being severely browsed by deer.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	60	Log/Pole	11	87
Red Maple	40	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
10	6120 - Lowland Cedar	Poletimber Well	28.6	113	111-140	N/A	Lowland stand of cedar with black spruce. Good dense stand in most the interior, lots of deer sign. More open areas along edge of stand from windthrow, some balsam fir and black ash growing here.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	20	Pole	6	
Black Ash	5	Pole/Sapling	5	
Paper Birch	10	Pole/Sapling	5	
Northern White Cedar	60	Pole	7	113
Balsam Fir	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
11	4134 - Aspen, Spruce/Fir	Sapling Well	113.6	35	Unspecified	N/A	Many areas becoming pole timber, still a fair amount of sapling sized stems. A few low lying areas that are open or growing tag alder.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Sapling	3	
Black Cherry	5	Sapling	3	
Balsam Fir	10	Sapling/Pole	3	
Red Maple	10	Sapling	3	
Quaking Aspen	65	Sapling/Pole	4	35

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	Variable	Tall Shrub
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
12	6139 - Mixed Lowland Forest	Poletimber Medium	4.9	52	51-80	N/A	Stand is drainage corridor with spruce fir and mix of poor quality birch and balm, some cedar.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Pole/Sapling	6	
White Spruce	30	Pole/Sapling	6	52
Northern White Cedar	5	Pole	7	
Paper Birch	10	Pole	7	
Balsam Poplar	25	Pole/Sapling	5	
Red Maple	15	Pole	6	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
13	629 - Mixed non-forested wetland	Nonstocked	9.1		Unspecified	No	Stream and floodplain

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
14	42340 - Upland Spruce/Fir	Poletimber Well	7.4	59	81-110	N/A	Stand is variable in high low ground. Mostly high ground with mix of balsam and spruce.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	35	Pole	7	
Paper Birch	10	Pole	6	
White Spruce	40	Pole	7	59
Red Maple	15	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
15	6129 - Mixed Coniferous Lowland Forest	Poletimber Well	250.8	98	171-200	N/A	Stand is mix of dense, but small diameter cedar with tamarack, black spruce. A few scattered large white pine. Overall small size and wet. Some areas of higher ground spruce have potential for future harvest. Hard access into most of stand due to private property to west and water to east.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	15	Pole/Sapling	5	
Northern White Cedar	45	Pole	6	98
White Pine	5	Log/Pole	12	
White Spruce	10	Pole/Sapling	5	
Balsam Poplar	5	Pole/Sapling	6	
Black Spruce	20	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
16	6129 - Mixed Coniferous Lowland Forest	Sawtimber Medium	5.1	80	51-80	N/A	Stand is a lowland ridge and swale of hemlock and white pine with spruce/fir growing underneath.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	20	Pole	7	51
White Pine	20	Log	12	
Hemlock	30	Log	12	80
Paper Birch	10	Pole	6	
White Spruce	10	Pole	6	
Black Spruce	10	Pole	6	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
17	629 - Mixed non-forested wetland	Nonstocked	16.9		Unspecified	No	Mostly wet open grasses with some tag alder and scattered balsam fir and cedar.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
18	122 - Road/Parking Lot	Nonstocked	8.0		Unspecified	No	M117 and R.O.W

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
19	4199 - Other Mixed Upland Deciduous	Poletimber Well	23.8	44	51-80	N/A	Stand looks to have been choppers choice in past. Stand is now a mosaic of large pole/ small log sized red maple and aspen with small pole/ large sapling aspen and cherry. Low area along skunk creek with more balsam poplar and fir.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	25	Pole/Log	9	60
Bigtooth Aspen	10	Pole/Log	9	
Balsam Fir	10	Pole/Sapling	6	
Black Cherry	25	Pole/Sapling	6	44
Red Maple	20	Pole/Sapling	7	
Balsam Poplar	10	Pole/Log	9	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
20	6124 - Lowland Spruce-Fir	Sapling Well	6.0	44	Unspecified	N/A	Very wet stand of poor quality, sparse lowland conifers. Some cedar, but mostly spruce.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	10	Sapling	4	
Balsam Fir	20	Sapling	4	
Black Spruce	40	Sapling	4	44
Northern White Cedar	15	Sapling	4	
Tamarack	15	Sapling	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
21	4130 - Aspen	Poletimber Well	5.6	35	51-80	N/A	Aspen just becoming pole sized.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	10	Pole/Sapling	5	
Quaking Aspen	70	Pole/Sapling	5	35
Balsam Fir	10	Sapling/Pole	4	
Black Cherry	10	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
22	4139 - Aspen, Mixed Deciduous	Poletimber Well	57.4	35	51-80	N/A	Stand was cut in 1989. Variable mackinac mix. Mostly aspen, but pockets of red maple regeneration with cherry. Spruce and fir scattered throughout. Paper birch growing on ridge top in southern part of stand.

Canopy Species	% Cover	Size Class	DBH	Age
Paper Birch	5	Sapling/Pole	4	
Balsam Fir	15	Sapling/Pole	4	
Black Cherry	15	Sapling/Pole	4	
Bigtooth Aspen	20	Pole/Sapling	5	
Quaking Aspen	35	Pole/Sapling	5	35
Red Maple	10	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
23	4112 - Maple, Beech, Cherry Association	Sawtimber Well	20.2	87	51-80	N/A	Stand was cut in 2017. Sugar maple near M117 transitioning to red maple on lower ground to the east. Very little regeneration so far following harvest. Continue to monitor.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	30	Log/Pole	10	
Black Cherry	5	Log/Pole	10	
Sugar Maple	50	Log/Pole	10	87
Beech	5	Log	12	
Balsam Fir	5	Pole	8	
Yellow Birch	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling
Conifers	Low	Variable	Sapling
Beech	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
24	629 - Mixed non-forested wetland	Nonstocked	2.3		Unspecified	No	Stream and floodplain
25	6117 - Lowland Deciduous, Mixed Coniferous	Sapling Well	46.4	31	Immature	N/A	Stand is mixed regeneration of Aspen, Balm, red maple, spruce, & fir. Was cut in 1993. Very wet in some spots. On the verge of becoming pole sized.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	20	Sapling/Pole	4	31
Balsam Fir	20	Sapling/Pole	4	
Black Cherry	5	Sapling	3	
Balsam Poplar	15	Sapling/Pole	4	
Paper Birch	10	Sapling/Pole	4	
White Spruce	20	Sapling/Pole	4	
Red Maple	10	Sapling/Pole	4	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
26	4119 - Mixed Northern Hardwoods	Sawtimber Well	15.4	65	81-110	N/A	Stand was thinned in 2017. Some maple regen establishing but being heavily browsed by deer. South end of stand drops down to a drainage feeding into skunk creek.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	10	Pole/Sapling	6	
Yellow Birch	10	Log/Pole	10	
Sugar Maple	30	Log/Pole	10	
Red Maple	40	Log/Pole	10	65
Balsam Fir	10	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Sapling
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
27	4115 - Y.Birch, Hemlock NH	Sawtimber Well	48.4	81	81-110	N/A	Stand was thinned in 2010. Red maple dominant, with hemlock and mixed hardwood. Area along M117 heavier to hemlock with balsam fir understory, was not thinned through during last harvest. Red maple stump sprout regeneration from previous thinnings, saplings1"-5" tall being heavily browsed by deer.

Canopy Species	% Cover	Size Class	DBH	Age
White Pine	5	Log	14	
Yellow Birch	5	Log	10	
Hemlock	20	Log/Pole	12	
Balsam Fir	10	Pole/Sapling	6	
Sugar Maple	10	Log/Pole	10	
Red Maple	50	Log/Pole	10	81

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	Variable	Sapling
Conifers	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
28	629 - Mixed non-forested wetland	Nonstocked	4.6		Unspecified	No	
29	629 - Mixed non-forested wetland	Nonstocked	6.2		Unspecified	No	Skunk creek and floodplain

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
30	4134 - Aspen, Spruce/Fir	Sapling Well	27.8	14	Immature	N/A	Mix of aspen, birch, and mixed conifer. Open areas filling in except where wettest.

Canopy Species	% Cover	Size Class	DBH	Age
Black Cherry	5	Sapling	2	
Paper Birch	15	Sapling	2	
White Spruce	15	Sapling	2	
Balsam Fir	15	Sapling	2	
Red Maple	5	Sapling	2	
Bigtooth Aspen	15	Sapling	3	
Quaking Aspen	30	Sapling	3	14

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
31	629 - Mixed non-forested wetland	Nonstocked	4.7		Unspecified	No	Stream and floodplain
32	629 - Mixed non-forested wetland	Nonstocked	2.9		Unspecified	No	
34	629 - Mixed non-forested wetland	Nonstocked	13.0		Unspecified	No	
35	629 - Mixed non-forested wetland	Nonstocked	54.3		Unspecified	No	Creek and floodplain, mostly open grasses with some tag alder and scattered balsam fir or cedar
36	4134 - Aspen, Spruce/Fir	Poletimber Well	38.7	35	51-80	N/A	Stand is mix of aspen and spruce/fir. Just becoming pole timber.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	75	Pole/Sapling	5	35
Balsam Fir	10	Sapling/Pole	4	
White Spruce	15	Sapling/Pole	4	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
37	6124 - Lowland Spruce-Fir	Poletimber Well	22.4	65	51-80	N/A	Stand is low ground mix match of lowland conifers and poor quality red maple. Very limited access as stand lies between two branches of creek and surrounded by very wet lowlands.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Pole	7	
Balsam Fir	15	Pole	7	
Tamarack	5	Sapling/Pole	4	
Northern White Cedar	15	Pole	7	
Black Spruce	40	Pole	6	65

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Sapling
Tag Alder	Low	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
38	629 - Mixed non-forested wetland	Nonstocked	5.4		Unspecified	No	Skunk creek and floodplain.
39	310 - Herbaceous Openland	Nonstocked	2.9		Unspecified	No	Small opening on edge of hardwood, creek, and private owned hay field.

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
40	42320 - Upland Spruce	Poletimber Well	43.9	76	81-110	N/A	Large stand of variable mix of spruce, balsam, and aspen. There are scattered single tamarack, cedar and white pine in places. Stand was set up in 2016 as Unit 1 of Soggy Spruce, was not cut and given back.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	1	Pole/Log	9	
Northern White Cedar	4	Pole	7	
Balsam Fir	15	Pole	8	
Quaking Aspen	10	Log/Pole	10	
White Pine	4	Log	14	
White Spruce	5	Pole	8	
Black Spruce	60	Pole	7	76
Tamarack	1	Pole	7	

Sub-Canopy Species	Density	Avg. Height	Size
Black Spruce	Low	Variable	Sapling
Red Maple	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
41	42340 - Upland Spruce/Fir	Poletimber Medium	6.1	35	1-50	N/A	Previous opening, but enough cover to be forested. Scattered cherry, balsam fir and spruce with a pocket of aspen growing in the middle.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Pole/Sapling	5	
Balsam Fir	40	Pole/Sapling	6	35
Black Cherry	25	Pole/Sapling	7	
White Spruce	25	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
42	4134 - Aspen, Spruce/Fir	Poletimber Well	48.1	44	81-110	N/A	Cut in 1980. Stand has just became pole size. Larger aspen diameters where stand has less balsam fir growing. One low pocket in the south east part of stand growing black spruce aspen mix. Check in 10 years for added diameter growth.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Poplar	15	Pole/Sapling	5	
Black Spruce	5	Sapling/Pole	4	
Balsam Fir	25	Pole/Sapling	5	
Red Maple	10	Sapling/Pole	4	
White Spruce	5	Pole/Sapling	5	
Quaking Aspen	40	Pole/Sapling	5	44

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Low	Variable	Sapling
Maple (spp.)	Low	Variable	Seeding

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
43	4319 - Mixed Upland Forest	Sapling Well	7.4	24	Immature	N/A	Clear cut in 2000. Regeneration of mixed balsam fir and aspen with spruce and red maple.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	30	Sapling	3	
Balsam Fir	40	Sapling	3	24
White Spruce	15	Sapling	3	
Red Maple	15	Sapling	2	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
44	4110 - Sugar Maple Association	Sawtimber Medium	3.8	78	51-80	N/A	Small stand of decent quality maple

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	75	Log/Pole	11	78
Black Cherry	5	Log/Pole	10	
Red Maple	15	Log/Pole	11	
Yellow Birch	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
45	6122 - Black Spruce	Poletimber Medium	1.4	50	51-80	N/A	Small stand that was excluded from surrounding sale. It is cosiderably wet and of poor quality. Thick tag alder in understory.

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	5	Pole/Sapling	5	
Black Spruce	60	Pole/Sapling	6	50
Balsam Fir	10	Pole	6	
Northern White Cedar	5	Pole	6	
White Spruce	20	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Medium	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
46	310 - Herbaceous Openland	Nonstocked	2.6		Unspecified	Managed Opening	Opening slowly filling in with clumps of cherry and balsam fir, aspen saplings along edge of stand.

Sub-Canopy Species	Density	Avg. Height	Size
Pin Cherry	Low	5 - 10 feet	Tall Shrub
Quaking Aspen	Low	10 - 20 feet	Sapling
Balsam Fir	Low	10 - 20 feet	Pole

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
47	4134 - Aspen, Spruce/Fir	Sapling Medium	6.9	14	Unspecified	N/A	Aspen regen with mix of residual spruce/fir. Slowly regenerating, open where wettest.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	5	Pole	6	
Black Spruce	5	Pole	6	
Balsam Poplar	15	Sapling	2	
Quaking Aspen	60	Sapling	2	14
Balsam Fir	10	Sapling	2	
Northern White Cedar	5	Pole	6	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
48	6120 - Lowland Cedar	Poletimber Well	19.1	105	141-170	N/A	Poor quality stand of mixed cedar, spruce, and tam. A few scattered birch, but most are dead. A lot of tag alder where open.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	20	Pole/Sapling	5	
Tamarack	15	Pole/Sapling	6	
Northern White Cedar	60	Pole/Sapling	6	105
Paper Birch	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Northern White Cedar	Low	< 5 feet	Tall Shrub
Conifers	Low	Variable	Sapling
Balsam Poplar	Low	Variable	Sapling
Tag Alder	Medium	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
49	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	6.0	65	81-110	N/A	Wet stand in lower area. Hemlock where the ground is highest. Scattered cedar and spruce. A few red maple and balsam poplar. Low basal area and poor quality. Leave as cover.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	20	Log/Pole	12	
Red Maple	15	Pole	6	
Balsam Poplar	10	Pole	7	
White Spruce	15	Pole	8	
Black Spruce	15	Pole	6	
Northern White Cedar	25	Pole	7	65

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
50	4112 - Maple, Beech, Cherry Association	Sawtimber Well	11.8	82	81-110	N/A	Nice stand of sugar maple saw timber with red maple poles on west end near lower ground. Some advanced maple sapling regeneration in pockets. 90-100 BA with areas of 110-120 BA

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	25	Pole/Log	9	44
Yellow Birch	5	Log	12	
Quaking Aspen	5	Pole	9	
Balsam Fir	10	Pole/Sapling	7	
Sugar Maple	45	Log/Pole	11	82
Black Cherry	10	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	Low	Variable	Sapling
Maple (spp.)	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
51	4191 - Mixed Upland Deciduous with Conifer	Sawtimber Well	18.3	74	111-140	N/A	Stand of poor quality hardwoods and conifer mix on lower ground. Scattered cedar where wettest. Most stems are poor form.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Log/Pole	10	
Hemlock	10	Log/Pole	11	
Yellow Birch	5	Log/Pole	12	
Red Maple	40	Log/Pole	10	74
Quaking Aspen	20	Pole/Sapling	7	
Balsam Fir	20	Pole/Sapling	7	

Sub-Canopy Species	Density	Avg. Height	Size
Red Maple	Low	Variable	Sapling
Balsam Fir	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
52	629 - Mixed non-forested wetland	Nonstocked	1.2		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
53	629 - Mixed non-forested wetland	Nonstocked	2.8		Unspecified	No	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
54	4113 - R.Maple, Conifer	Sawtimber Well	8.7	87	111-140	N/A	Stand is mature maple with some pockets of spruce. Access was by foot and would be only possible through private for any treatment.

Canopy Species	% Cover	Size Class	DBH	Age
White Spruce	15	Log/Pole	10	
Hemlock	10	Log	11	
Quaking Aspen	15	Log/Pole	11	
Red Maple	50	Log/Pole	11	87
Sugar Maple	10	Log/Pole	11	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Low	Variable	Sapling
Conifers	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
55	6122 - Black Spruce	Sapling Well	9.8	65	Unspecified	N/A	Black Spruce in bog.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole/Sapling	6	
Black Spruce	90	Sapling/Pole	4	65
White Pine	5	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
American Highbush Cranberry	Full	< 5 feet	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
56	6122 - Black Spruce	Poletimber Medium	34.8	69	51-80	N/A	Stand is lowland black spruce and sparse.

Canopy Species	% Cover	Size Class	DBH	Age
Black Spruce	90	Pole/Sapling	5	69
Balsam Fir	10	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Medium	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
57	6122 - Black Spruce	Poletimber Medium	13.4	61	51-80	N/A	Lowland stand on west side of creek. Low quality and volume. Tag alder in open spots. Mix of spruce and tamarack in wetter areas.

Canopy Species	% Cover	Size Class	DBH	Age
Tamarack	10	Pole/Sapling	5	
Black Spruce	90	Pole/Sapling	5	61

Sub-Canopy Species	Density	Avg. Height	Size
Tag Alder	Low	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
58	629 - Mixed non-forested wetland	Nonstocked	1.7		Unspecified	No	
59	629 - Mixed non-forested wetland	Nonstocked	38.1		Unspecified	No	McAlpine Creek, Skunk Creek and a tributary stream all flow through and meet in this stand. Stand is mostly floodplain area with tag alder and some scattered cedar, balsam fir, spruce growing.
60	42340 - Upland Spruce/Fir	Poletimber Well	18.2	81	111-140	N/A	Stand is variable upland conifer with white spruce and balsam fir. There is some areas of sparse volume. Stand was set up in 2016 as Unit 2 of Soggy Spruce, was not cut and given back. Look at again in 10 years to set up with adjacent stand to the south.

Canopy Species	% Cover	Size Class	DBH	Age
Quaking Aspen	10	Log/Pole	12	
Northern White Cedar	1	Pole	8	
White Pine	4	Log	14	
Balsam Fir	20	Pole	8	
Red Maple	2	Log/Pole	10	
White Spruce	25	Pole/Log	9	
Black Spruce	29	Pole	7	81
Jack Pine	4	Pole	8	
Paper Birch	5	Log/Pole	10	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
61	310 - Herbaceous Openland	Nonstocked	10.0		Unspecified	No	Scattered pine, spruce, cherry in opening.
62	4130 - Aspen	Sapling Well	13.8	28	Unspecified	N/A	Aspen stand cut in 1995. Scattered pole sized spruce/fir left from previous harvest.

Canopy Species	% Cover	Size Class	DBH	Age
Bigtooth Aspen	15	Sapling/Pole	4	
Black Cherry	5	Sapling	3	
Balsam Fir	5	Pole	6	
Quaking Aspen	70	Sapling	3	28
White Spruce	5	Pole	7	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
63	6129 - Mixed Coniferous Lowland Forest	Poletimber Poor	17.9	85	Unspecified	N/A	Very wet, sparse lowland conifer stand.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	30	Pole/Sapling	6	
Tamarack	25	Pole/Sapling	5	
Black Spruce	45	Pole/Sapling	5	85

Sub-Canopy Species	Density	Avg. Height	Size
Leatherleaf	Medium	Variable	Tall Shrub

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
64	629 - Mixed non-forested wetland	Nonstocked	61.7		Unspecified	No	Upper Millecoquins River and floodplain

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
65	4191 - Mixed Upland Deciduous with Conifer	Poletimber Well	12.8	50	81-110	N/A	Stand is totally variable mackinac mix. Not a lot of potential for harvest with limited access through private and close proximity to Upper Millecoquins River.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Pole	7	
Paper Birch	10	Pole	8	
White Spruce	15	Pole	8	
Red Maple	15	Pole	8	
Balsam Fir	15	Pole	7	
Quaking Aspen	20	Pole	8	50
Beech	10	Log/Pole	10	

Sub-Canopy Species	Density	Avg. Height	Size
Aspen (spp.)	Low	Variable	Sapling
Conifers	Low	Variable	Sapling
Maple (spp.)	Low	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
66	6122 - Black Spruce	Poletimber Well	126.3	77	81-110	N/A	Large stand of black spruce with variable levels of wetness.

Canopy Species	% Cover	Size Class	DBH	Age
Northern White Cedar	5	Pole	7	
Black Spruce	90	Pole/Sapling	7	77
White Pine	5	Log/Pole	12	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
67	4130 - Aspen	Sapling Well	28.2	23	Unspecified	N/A	Aspen regeneration, stand was cut in 2001.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Sapling	3	
Quaking Aspen	60	Sapling	3	23
Bigtooth Aspen	25	Sapling	3	

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
69	4130 - Aspen	Poletimber Well	34.1	44	51-80	N/A	Aspen stand with mix of cherry and red maple, scattered balsam fir pockets. Most aspen is 5"-7" diameter, some areas of larger diameter aspen throughout. Look to harvest in 10 years

Canopy Species	% Cover	Size Class	DBH	Age
Red Maple	10	Pole/Sapling	6	
Black Cherry	25	Pole/Sapling	5	
Quaking Aspen	60	Pole/Sapling	6	44
Balsam Fir	5	Pole/Sapling	5	

Sub-Canopy Species	Density	Avg. Height	Size
Maple (spp.)	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
70	4319 - Mixed Upland Forest	Poletimber Well	5.8	65	81-110	N/A	Originally part of stand 26, was not thinned and harvested with stand 26 resulting in thick balsam fir and spruce understory. Hardwood stems have poor form. Very little maple regen present.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log/Pole	12	
Sugar Maple	15	Log/Pole	10	
Balsam Fir	25	Pole/Sapling	6	
Quaking Aspen	5	Sapling/Pole	4	
White Spruce	20	Pole/Sapling	6	
Red Maple	30	Pole/Log	9	65

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	High	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
71	6128 - Lowland Coniferous, Mixed Deciduous	Sawtimber Well	7.5	87	81-110	N/A	Stand is hardwood transitioning down to creek and floodplain. Creek buffer.

Canopy Species	% Cover	Size Class	DBH	Age
Sugar Maple	15	Log/Pole	11	
Red Maple	20	Log/Pole	12	87
White Spruce	20	Log/Pole	12	
Yellow Birch	5	Log/Pole	12	
Hemlock	5	Log/Pole	12	
Northern White Cedar	20	Log/Pole	12	
Balsam Fir	15	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Balsam Fir	Medium	Variable	Sapling
Maple (spp.)	Medium	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
72	4319 - Mixed Upland Forest	Poletimber Well	4.5	65	81-110	N/A	Originally part of stand 26, was not thinned and harvested the same as stand 26 resulting in more balsam fir and spruce in understory. Hardwood stems have poor form.

Canopy Species	% Cover	Size Class	DBH	Age
Hemlock	5	Log/Pole	10	
Red Maple	35	Pole/Log	9	65
Balsam Fir	25	Pole/Sapling	6	
Sugar Maple	20	Log/Pole	10	
White Spruce	15	Pole/Sapling	6	

Sub-Canopy Species	Density	Avg. Height	Size
Conifers	High	Variable	Sapling

Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	Managed Site	General Comments
75	4199 - Other Mixed Upland Deciduous	Poletimber Well	8.0	65	51-80	N/A	Part of stand was strip cut 35 years ago. Older poor form red maple in uncut strips, small aspen mix poles in cut areas.

Canopy Species	% Cover	Size Class	DBH	Age
Balsam Fir	15	Sapling	3	
Black Cherry	10	Sapling	3	
Quaking Aspen	25	Sapling/Pole	4	35
Bigtooth Aspen	10	Sapling	3	
Red Maple	40	Log/Pole	10	65