



Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45129

Entry Year 2017

Acreage: 1,962

County Mackinac

Management Area: Sage Truck Trail

Revision Date: 2015-08-07

Stand Examiner: Matt Edison

Legal Description:

T44N-R7W Sections 1, 12, 13, & 24, Hendricks Township

Identified Planning Goals:

The compartment is located predominantly northeast of Fiborn Quarry and bounded by Chippewa County to the North and East. Cover type varies from lowland / wetland types with some upland aspen, northern hardwoods, and pine types. Past management has focused on those areas that provide feasible access. This entry, treatment prescriptions involve final harvest of mature upland/lowland spruce/fir stands in the northwest portion of the compartment. A stand of mixed Northern Hardwood is also prescribed for selection cut. Other stands have been prescribed for treatment, but are factor limited due to access issues. Portions in the southern part of the compartment are part of the Graymont LTA.

Soil and topography:

The predominant topography of the compartment is lowland consisting of bog and swamp conifer. The predominant soil in these types are Markey-Carbondale Muck and Histosols and Aquepts (ponded). There are ridges scattered throughout the lowland and some higher areas of level to rolling land that is occupied by aspen, northern hardwood, and pine types. The soils in these areas include Spot-Finch complex, Paquin-Finch sands, Pullup sand, and Wallace sands.

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

There are private holdings in Section 13 and 24 that separate the compartment into two portions. Within this area is Wilwin Lodge. Wilwin is an American Legion owned facility that provides a recovery and therapeutic atmosphere for Veterans. To the east of the compartment is USFS land and a small section of private property. To the west is state owned land and one ½ mile section of private land. The remaining outer perimeter of the compartment is bounded by state owned land. State land to the north is managed out of the Newberry FMU.

Unique Natural Features:

MNFI has recorded occurrences of numerous flora and fauna species of concern within and around the compartment. There is also potential for numerous other species of concern per MNFI notes.

Archeological, Historical, and Cultural Features:

There are karst features (caves and sinkholes) to the sw of the compartment. Fiborn Junction is located at the intersection of Fiborn Quarry Road (North end) and Canadian National Railroad. This was part of access to the Fiborn quarry in the past.

Special Management Designations or Considerations:

The Canadian National railroad runs se/nw through the northern portion of the compartment in section 1. Any treatments (none this entry) north of the tracks require special permission and considerations to cross railroad.

Watershed and Fisheries Considerations:

Fisheries Values: Poor

Fisheries Concerns: The northern portion of the compartment drains to Quinn Creek of the Hendrie River watershed. Quinn Creek is not a designated trout stream. Standard BMP's should apply when working adjacent to surface water.

Wildlife Habitat Considerations:

This compartment lies within the Sage Truck Trail Management Area (MA) east of Fiborn Quarry. Featured species in the MA include black bear, white-tailed deer, snowshoe hare, American marten, and ruffed grouse. This is a diverse compartment, composed of mixed forest, lowland brush, spruce, lowland conifer, with some hardwood and aspen scattered throughout. Most of the compartment is part of a deer wintering complex. Treatments prescribed are limited due, in part, to difficult access. Harvests in deciduous types will generally be conducted during the winter months so tops are available as browse to wintering deer. Treatments will increase stand diversity in hardwoods by encouraging young growth, and maintain early successional habitat. Retention of lowland conifer will provide cover for deer, snowshoe hare and other species. Additional species benefitting from this management will include black bear, American marten, woodcock, and others.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of peat and muck and lacustrine sand and gravel. Surface sediments are thin to discontinuous in places. There is insufficient data to determine the glacial drift thickness (~0 to <100 feet). The Silurian Burnt Bluff Group, Manitoulin Dolomite, and Cabothead Shale subcrop below the glacial drift. The Burnt Bluff is quarried for stone/limestone two miles to the west at Fiborn Quarry. The compartment is roughly three miles northeast of Graymont's proposed underground limestone mine. Gravel pits are not located in the area, but there may be some potential on uplands. There is no current economic oil and gas production in the UP.

Vehicle Access:

In general access is very poor to the interior of the compartment. The northern part is accessed from state land via Fiborn Quarry Road (County/dirt). (Any access from the south to the north portion of the compartment is through private property. Access has been granted in the past, but rescinded to at least one logger). Paved Mackinac County Road H-40 crosses east/west through the southern portion of the compartment and provides adequate access southward. Road access north of H-40 in the south portion of the compartment is non-existent, except through private land. Access to stands in sec. 13 is through private property (Wilwin). Access has been granted in the past.

Survey Needs:

None needed this entry

Recreational Facilities and Opportunities:

Hunting and Trapping opportunities exist throughout the compartment.

Fire Protection:

Upland areas of grass, brush, and pine provide the greatest risk for fire in this compartment. Access is generally poor within this compartment and any fire within the interior of the northern portion could pose access difficulties. The areas of heavy soil will increase mop-up difficulties in the event of a fire. Anguilm Creek and the south branch of the Hendrie River provide the closest opportunities for water source. There are numerous seasonal and intermittent wet areas scattered all throughout that may provide water per conditions.

Additional Compartment Information:

The following reports from the Inventory are attached:

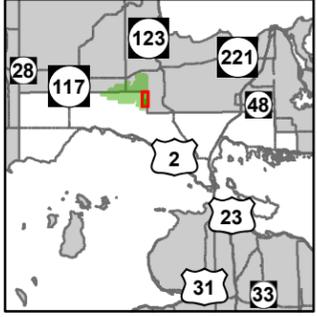
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

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

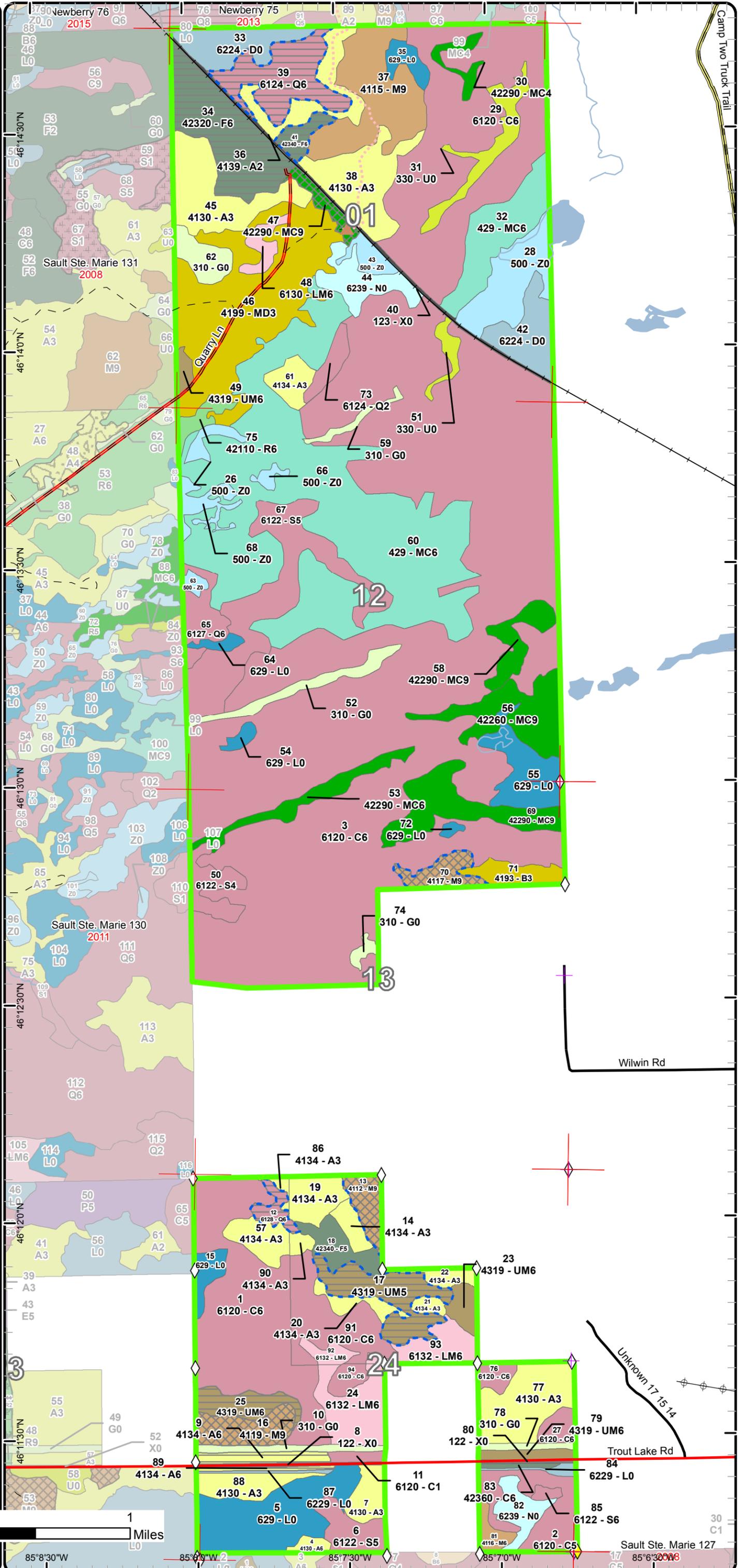
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

Cover Type & Treatments

Compartment: 129
 T44N,R07W, Sec. 1, 12, 13, 24
 County: Mackinac
 Unit: Sault Ste. Marie
 Mgmt Area: Sage Truck Trail
 YOE: 2017
 Acres: 1962 GIS Calculated
 Examiner: Matt Edison
 Map Revised: 8/10/2015
 Map Phase: Review

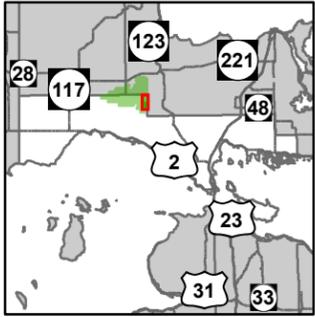


- ✚ Remonumented Section Corners
- ◆ Survey Grade GPS Corners
- ◇ Field Grade GPS Corners
- Miris Corners
- County Paved Roads
- Paved Roads
- County Gravel Roads
- Gravel Roads
- Poor Dirt Roads
- Closed Roads
- ▲ Berms
- Railroads
- Rivers
- Lakes
- Powerline
- Treatments with Site Conditions
- ▨ Selection (Group, Single Tree)
- ▨ Clearcut (w/Reserves)
- Forest Covertype**
- 411 - Northern Hardwood
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 422 - Natural Pines
- 423 - Other Upland Conifers
- 429 - Mixed Upland Conifers
- 430 - Upland Mixed Fores
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Covertype**
- 122 - Roads/Parking Lot
- 123 - Other High Intensity Urban
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland
- 629 - Mixed non-forested wetland

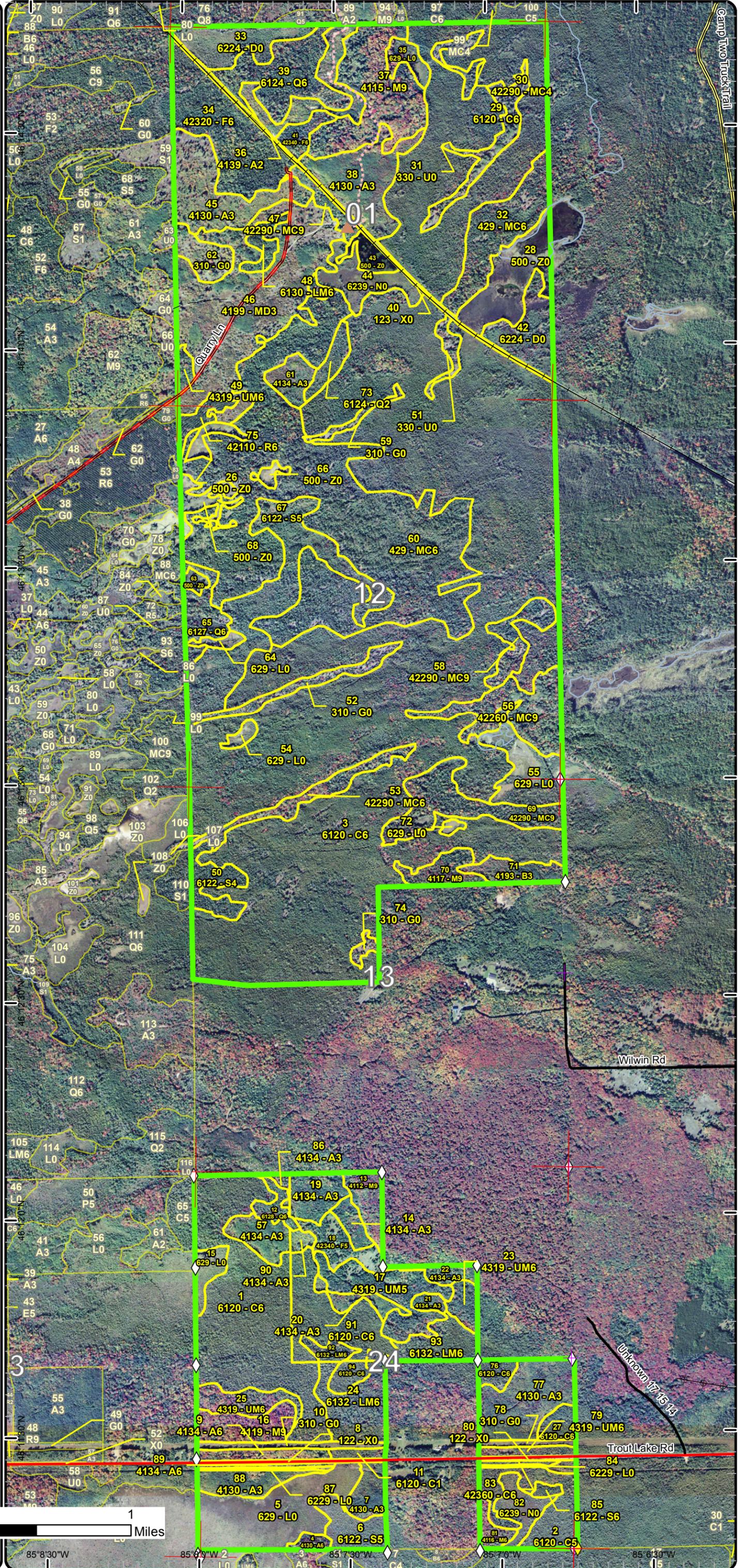


Stand Boundary Map

Compartment: 129
 T44N,R07W, Sec. 1, 12, 13, 24
 County: Mackinac
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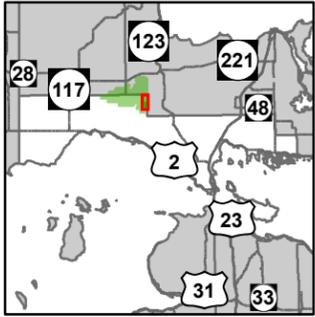


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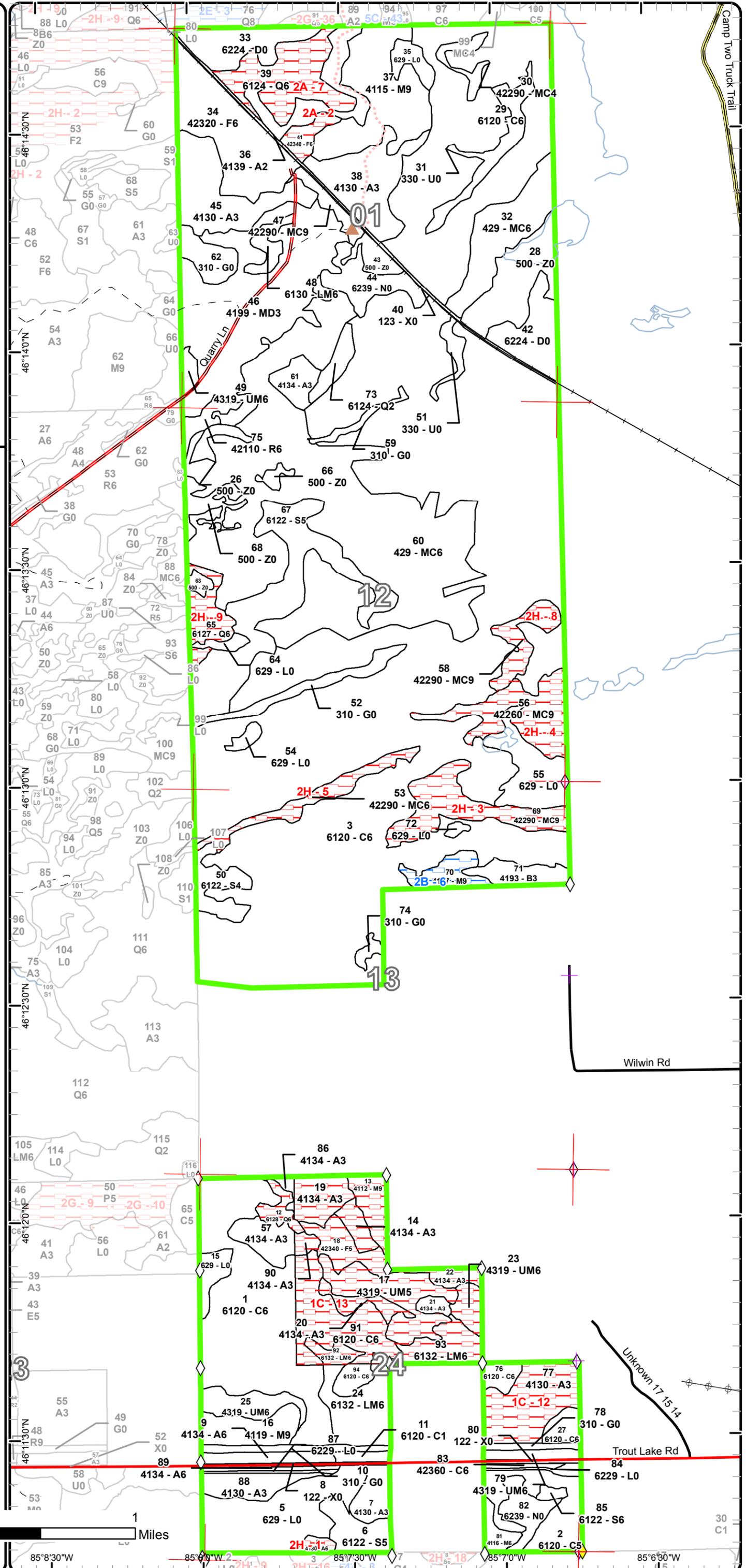
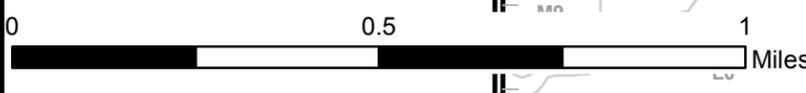


Special Conservation Areas & Site Conditions Map

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- Railroads
- Rivers
- Powerline
- Stand Boundaries
- Site Condition
- Available w/ Constraints
- Unavailable
- Available Factors W/ Constraints
- 2B: Unknown if access through adjacent landowner(s) is possible
- Unavailable Factors
- 1C: Other dept or div proc/practices
- 2A: Adjacent landowner denied access
- 2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)
- Special Conservation Areas



85°8'30"W 85°6'00"W 85°3'30"W 85°1'00"W 85°6'00"W 85°6'00"W

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	28	72	38	15	0	0	9	0	0	0	2	0	0	0	0	0	7	171
Cedar	0	0	0	0	0	0	0	3	0	0	124	131	564	0	0	0	0	0	822
Herbaceous Openland	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
Low-Density Trees	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Lowland Conifers	0	0	0	0	6	0	0	0	4	27	11	0	0	0	0	0	0	0	48
Lowland Mixed Forest	0	0	0	0	0	5	0	35	0	0	0	0	0	0	0	0	0	0	40
Lowland Shrub	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
Lowland Spruce/Fir	0	0	0	0	0	49	12	11	0	0	0	0	0	0	0	0	0	0	72
Marsh	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Mixed Upland Deciduous	0	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
Natural Mixed Pines	0	0	0	0	0	0	0	0	5	5	25	0	0	0	0	0	0	48	83
Northern Hardwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
Paper Birch	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Red Pine	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Treed Bog	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
Upland Conifers	0	0	0	0	0	197	0	0	0	0	0	0	0	0	0	0	0	26	223
Upland Mixed Forest	0	0	0	3	5	0	10	22	0	0	4	0	0	0	0	0	0	0	44
Upland Spruce/Fir	0	0	0	0	10	0	6	38	0	0	0	0	0	0	0	0	0	0	54
Urban	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Water	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Total	237	28	163	46	36	251	28	118	9	32	164	133	564	0	0	0	0	154	1963



Report 2 – Treatment Summary

Sault Ste. Marie Mgt. Unit
Year of Entry: 2017

Acres of Harvest

Compartment 129
Total Compartment Acres: 1,962

Commercial Harvest - 75
Harvests with Site Condition - 76
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	9	0	0	0	0	0	0	0	0	9
Lowland Conifers	32	0	0	0	0	0	0	0	0	32
Natural Mixed Pines	0	5	0	0	0	0	0	0	0	5
Northern Hardwood	0	31	0	0	0	0	0	0	0	31
Upland Mixed Forest	32	0	0	0	0	0	0	0	0	32
Upland Spruce/Fir	43	0	0	0	0	0	0	0	0	43
Total	116	36	0	0	0	0	0	0	0	152

Proposed and Next Step Treatments by Method

	Harvest	Site Prep	Planting	Seeding	Burning	Pesticide	Monitoring	Other	Non-Forest Mgt.	Total Acres
Current	152	0	0	0	0	0	0	0	0	152
Next Step	0	0	0	0	0	152	0	0	0	152
Total	152	0	0	0	0	152	0	0	0	303



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
9	45129009-Cut	6.6	4134 - Aspen, Spruce/Fir	Poletimber Well	68	141- 170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal

Habitat Cut: No**Site Condition:**

Prescription Final harvest this stand to regenerate aspen mix type. Leave some scattered trees of representative species as retention.

Specs:

Next Step

Treatments:

Acceptable Any mix of aspen, paper birch, maple, spruce, fir, pine, cedar, hemlock, or yellow birch is acceptable.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

12	45129012-Cut	4.4	6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	70	141- 170	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Completed - Pending Edits
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Habitat Cut: No**Site Condition: Other Dept./Div. Processes**

Prescription Final harvest this stand to regenerate lowland conifer mix type.

Specs:

Next Step

Treatments:

Acceptable Any mix of aspen, paper birch, maple, spruce, fir, pine, cedar, hemlock, or yellow birch is acceptable.

Regen:

Other Stand is under contract 45-124-10-01. A small part of this treatment is within Graymont LTA. Old next step comments:

Comment:

Proposed Start Date: 10/1 /2011

13	45129013-Cut	8.6	4112 - Maple, Beech, Cherry Association	Sawtimber Well	77	111- 140	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Completed - Pending Edits
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Habitat Cut: No**Site Condition: Other Dept./Div. Processes**

Prescription Thin stand to approximately 80-90 basal area.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration will be any mix of maple, paper birch, cherry, hemlock, balsam fir, spruce, yellow birch, pine, aspen.

Regen:

Other Stand is under contract 45-124-10-01. Stand is within the Graymont LTA. Old next step comments:

Comment:

Proposed Start Date: 10/7 /2011

16	45129016-Cut	13.3	4119 - Mixed Northern Hardwoods	Sawtimber Well	78	141- 170	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven- Aged	Proposal
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Habitat Cut: No**Site Condition:**

Prescription Select cut to thin basal area down to 80-90 range. Leave cherry, hemlock, and any oak. Winter cut (Dec.1-Mar. 31) to allow tops to be available as browse for wintering deer.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration is maple, cherry, beech, paper and yellow birch, balsam fir, spruce, aspen and hemlock.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
17	45129017-Cut	21.9	4319 - Mixed Upland Forest	Poletimber Medium	60	111-140	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Completed - Pending Edits

Habitat Cut: No Site Condition: Other Dept./Div. Processes

Prescription Final harvest this stand to regenerate aspen mix type. Leave some scattered trees of representative species as retention.

Specs:

Next Step

Treatments:

Acceptable Any mix of aspen, paper birch, maple, spruce, fir, pine, cedar, hemlock, or yellow birch is acceptable.

Regen:

Other Stand is currently under contract 45-124-10-01. Stand is in Graymont LTA. Old next step comments:

Comment:

Proposed Start Date: 10/7 /2011

25	45129025-Cut	10.1	4319 - Mixed Upland Forest	Poletimber Well	55	141-170	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No Site Condition:

Prescription Final harvest Aspen mix stand. Leave a representation of stand as retention. Also, leave cedar. Winter cut (Dec.1-Mar. 31) to allow tops to be

Specs: available as browse for wintering deer.

Next Step

Treatments:

Acceptable Acceptable regeneration is aspen, maple, cherry, cedar, yellow and paper birch, balsam fir, white spruce, black spruce and white pine.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

34	45129034-Cut	38.0	42320 - Upland Spruce	Poletimber Well	66	141-170	Harvest	Clearcut with Retention	42330 - Upland Fir	Even-Aged	Proposal
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Habitat Cut: No Site Condition:

Prescription Final Harvest as much of the merchantable part of the stand as possible. Treatment boundary will reflect the on the ground status and stay out

Specs: of the lower areas. Limit harvest period to winter or during dry summer months only.

Next Step

Treatments:

Acceptable Acceptable regeneration of balsam fir, black spruce, white spruce, cedar, red maple, aspen, balsam poplar, tamarack, white pine, and birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

39	45129039-Cut	27.1	6124 - Lowland Spruce-Fir	Poletimber Well	89	141-170	Harvest	Clearcut with Retention	612 - Lowland Coniferous Forest	Even-Aged	Proposal
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Habitat Cut: No Site Condition: Denied Access

Prescription Final Harvest leaving representative retention. Leave some large white pine.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration of balsam fir, black spruce, white spruce, cedar, red maple, aspen, balsam poplar, tamarack, white pine, and birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016



S t a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Approval Status
41	45129041-Cut	5.5	42340 - Upland Spruce/Fir	Poletimber Well	59	Unspec ified	Harvest	Clearcut with Retention	42330 - Upland Fir	Even-Aged	Proposal

Habitat Cut: No **Site Condition: Denied Access**

Prescription Final Harvest with representative retention.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration of balsam fir, black spruce, white spruce, cedar, red maple, aspen, balsam poplar, tamarack, white pine, and birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

47	45129047-Cut	5.2	42290 - Natural Mixed Pine	Sawtimber Well	81	111-140	Harvest	Single Tree Selection	4221 - Natural Red Pine	Uneven-Aged	Proposal
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Habitat Cut: No **Site Condition:**

Prescription Select cut by marking some pine and removing understory.

Specs:

Next Step

Treatments:

Acceptable Acceptable regeneration will be any mix of aspen, maple, pine, spruce, fir, cherry, or birch.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

70	45129070-Cut	8.7	4117 - Mixed N. Hardwood - Pine	Sawtimber Well	81	141-170	Harvest	Single Tree Selection	411 - Northern Hardwood	Uneven-Aged	Proposal
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Habitat Cut: No **Site Condition: Unknown Access**

Prescription Select cut stand to reduce basal area to approximately 80-90 basal area. Leave large white pine, and any hemlock and oak. Winter cut (Dec. 1-

Specs: Mar. 31) to allow tops to be available as browse for wintering deer.

Next Step

Treatments:

Acceptable Acceptable regeneration will be any mix of maple, aspen, cherry, paper birch, yellow birch, hemlock, balsam fir, spruce, and pine.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

89	45129089-Cut	2.2	4134 - Aspen, Spruce/Fir	Poletimber Well	68	Unspec ified	Harvest	Clearcut with Retention	413 - Aspen	Even-Aged	Proposal
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Habitat Cut: No **Site Condition:**

Prescription Final harvest this stand to regenerate aspen mix type. Leave some scattered trees of representative species as retention.

Specs:

Next Step

Treatments:

Acceptable Any mix of aspen, paper birch, maple, spruce, fir, pine, cedar, hemlock, or yellow birch is acceptable.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

Total Treatment Acreage Proposed: 151.6

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 129

Year of Entry: 2017

Availability for Management

Total Acres	Acres Available	Acres Avail		Dominant Site Conditions	Dominant Site Conditions			
		With Condition	Not Available		2B	1C	2A	2H
171	117	0	55	Aspen		52		2
821	795	0	26	Cedar		26		
32	32	0	0	Herbaceous Openland				
17	17	0	0	Low-Density Trees				
48	6	0	43	Lowland Conifers		4	27	11
40	24	0	16	Lowland Mixed Forest		16		
77	77	0	0	Lowland Shrub				
71	71	0	0	Lowland Spruce/Fir				
23	23	0	0	Marsh				
82	82	0	0	Mixed Upland Deciduous				
82	10	0	72	Natural Mixed Pines				72
73	56	9	9	Northern Hardwood	9	9		
9	9	0	0	Paper Birch				
5	5	0	0	Red Pine				
33	33	0	0	Treed Bog				
223	223	0	0	Upland Conifers				
45	17	0	27	Upland Mixed Forest		27		
54	38	0	16	Upland Spruce/Fir		10	6	
11	11	0	0	Urban				
44	44	0	0	Water				
1,962	1,689	9	264	Total Forested Acres	9	145	33	86
	86%	0%	13%	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	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	2	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 129

Year of Entry: 2017

2	Unavailable	2A: Adjacent landowner denied access	6	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Canadian National Railroad crossing needed.							
3	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
4	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	25	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
5	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	12	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
6	Available	2B: Unknown if access through adjacent landowner(s) is possible	9	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
7	Unavailable	2A: Adjacent landowner denied access	27	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Canadian National Railroad crossing needed.							

Report 5 – Site Conditions

Sault Ste. Marie Mgt. Unit

Matt Edison : Examiner

Compartment: 129

Year of Entry: 2017

8	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments:							
9	Unavailable	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	11	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Treat when stands in adjacent compartment are treated and provide access.							
12	Unavailable	1C: Other dept or div proc/practices	26	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Graymont LTA							
13	Unavailable	1C: Other dept or div proc/practices	119	Unspecified	Unspecified	Unspecified	Unspecified
Comments: Graymont LTA							

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Compartment: #Type!

Year of Entry:



Report 6 – 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 7 – 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
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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 129
Year of Entry: 2017

Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
6120 - Lowland Cedar	Poletimber Well	80.9	104	Unspecified	Large stand of lowland cedar. There are scattered areas with some birch and a few tamarack. Overall nice cedar, but small. very thick in places.
6120 - Lowland Cedar	Poletimber Medium	20.1	103	Unspecified	Very wet, poor quality lowland cedar.
6120 - Lowland Cedar	Poletimber Well	563.6	110	Unspecified	Large stand that runs throughout the compartment. Variable mix of lowland conifers, but main covertype is small, low quality cedar. Quite wet throughout.
4130 - Aspen	Poletimber Well	2.4	100	Unspecified	Nice Aspen.
6122 - Black Spruce	Poletimber Medium	10.9	66	Unspecified	Wetland black spruce mixed with pockets of tamarack. Very wet ground.
4130 - Aspen	Sapling Well	8.0	25	Immature	Aspen lightly mixed with some Fir/spruce.
4134 - Aspen, Spruce/Fir	Poletimber Well	6.6	68	141-170	Mixed stand of mature aspen with balsam and some maple. hardwood is not the best quality.
6120 - Lowland Cedar	Sapling Poor	2.6	60	Unspecified	Very small, sparse cedar with a few spruce mixed in and surrounded with tag alder. Wet ground, not very productive.
6128 - Lowland Coniferous, Mixed Deciduous	Poletimber Well	4.4	70	141-170	Mixed stand, variable ground. Under sale contract 45-124-10-01.
4112 - Maple, Beech, Cherry Association	Sawtimber Well	8.6	77	111-140	Stand is under contract. Wilwin Mix #45-124-10-01
4134 - Aspen, Spruce/Fir	Sapling Well	4.8	29	Immature	Part of stand that was cut in 1998. This part was not cut and is not much older than cut part. Immature mix of aspen and some hardwood from being on edge of larger stand.
4119 - Mixed Northern Hardwoods	Sawtimber Well	13.3	78	141-170	Nice hardwood mix. Consider a selection cut.
4319 - Mixed Upland Forest	Poletimber Medium	21.9	60	111-140	Mixed stand of conifer and aspen. Stand is under contract 45-124-10-01.
42340 - Upland Spruce/Fir	Poletimber Medium	10.3	30	Immature	Upland opening that has some mixed brush in it.
4134 - Aspen, Spruce/Fir	Sapling Well	10.3	17	Immature	Aspen mix regen. Stand was cut in 1998.
4134 - Aspen, Spruce/Fir	Sapling Well	5.0	18	Immature	Pretty nice aspen regeneration mixed with balsam. Stand was cut in 1997.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 129
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
21	4134 - Aspen, Spruce/Fir	Sapling Well	2.3	18	Immature	Nice looking Aspen regeneration.
22	4134 - Aspen, Spruce/Fir	Sapling Well	4.4	35	81-110	Mixed stand of aspen, maple and balsam along and around opening.
23	4319 - Mixed Upland Forest	Poletimber Well	5.4	35	Unspecified	Stand on fringe of large hardwood stand. Mixed bag. Check in future entries for harvest.
24	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	18.7	63	81-110	Mixed stand of high and low ground. some aspen and birch on some higher areas gradiating to cedar and conifer. Overall smaller size trees. Check again next entry.
25	4319 - Mixed Upland Forest	Poletimber Well	10.1	55	141-170	Mixed stand that appears wet in most places. Look at for a potential harvest.
27	6120 - Lowland Cedar	Poletimber Well	5.0	90	111-140	Small wet stand of smaller diameter trees. Cedar is small and low quality.
29	6120 - Lowland Cedar	Poletimber Well	113.1	94	Unspecified	
30	42290 - Natural Mixed Pine	Poletimber Poor	4.8	70	1-50	Upland opening with some scattered pine.
32	429 - Mixed Upland Conifers	Poletimber Well	26.3	75	Unspecified	
34	42320 - Upland Spruce	Poletimber Well	38.0	66	141-170	spruce/fir mix some low areas.
36	4139 - Aspen, Mixed Deciduous	Sapling Medium	15.1	14	Immature	Stand was cut in 2002. Regeneration is aspen with mix of balsam, spruce, cherry, and birch. There are some large white pine residual scattered.
37	4115 - Y.Birch, Hemlock NH	Sawtimber Well	38.5	71	81-110	Stand was thinned in 2003. Lower quality hardwood mix with Hemlock and hemlock. Some Yellow Birch scattered. Check in 10 years for added BA, possible selection.
38	4130 - Aspen	Sapling Well	26.1	13	Immature	Stand was cut in 2002. Aspen regeneration is looking good.
39	6124 - Lowland Spruce- Fir	Poletimber Well	27.1	89	141-170	lowland spruce that is good quality. Access is across railroad.
41	42340 - Upland Spruce/Fir	Poletimber Well	5.5	59	Unspecified	
45	4130 - Aspen	Sapling Well	28.2	4	Immature	Stand was cut in 2011. Good aspen regen.

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Sault Ste. Marie Mgt. Unit

Report 8 – Forested Stands

Compartment: 129
Year of Entry: 2017

	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
46	4199 - Other Mixed Upland Deciduous	Sapling Well	82.5	13	Immature	Stand was cut in 2001-2002. Regeneration is widely variable mix of cherry, aspen, and birch. Almost exclusively cherry brush in places.
47	42290 - Natural Mixed Pine	Sawtimber Well	5.2	81	111-140	Mixed stand of residual from long previous treatments.
48	6130 - Fir, Aspen, Maple	Poletimber Well	5.1	40	111-140	Island of uncut pole. Leave since everything around it has been cut.
49	4319 - Mixed Upland Forest	Poletimber Well	2.8	25	Immature	Small stand of mixed brush adjacent to old cuts.
50	6122 - Black Spruce	Poletimber Poor	10.3	51	Unspecified	
53	42290 - Natural Mixed Pine	Poletimber Well	12.4	70	141-170	Island of upland opening with pine and mixed conifer within large cedar lowland stand. Access could be explored in the future if it as ever gained to stand 69.
56	42260 - Natural Pine, Mixed Deciduous	Sawtimber Well	24.7	90	141-170	
57	4134 - Aspen, Spruce/Fir	Sapling Well	9.4	17	Immature	Aspen mis regeneration. Stand was cut in 1998.
58	42290 - Natural Mixed Pine	Sawtimber Well	10.5	90	111-140	Island of pine/mixed conifer within very large surrounded lowland conifer stand.
60	429 - Mixed Upland Conifers	Poletimber Well	196.7	49	81-110	Stand of mixed natural pine. Let spruce and fir mature another 10 years.
61	4134 - Aspen, Spruce/Fir	Sapling Well	7.2	13	Immature	Cut in 2001-2002. Regen is aspen mix.
65	6127 - Lowland Pine	Poletimber Well	11.2	90	141-170	Mixed pine with some spruce and fir on the fringe. Stand lies within a complex of large upland and lowland conifer stands and wetlands.
67	6122 - Black Spruce	Poletimber Medium	48.6	40	Unspecified	Wetland with black spruce and some scattered pine on the fringes. Very wet.
69	42290 - Natural Mixed Pine	Sawtimber Well	24.9	92	141-170	Check this stand in 10 years for any increased access potential. Smaller diameter understory will have a chance to grow larger.
70	4117 - Mixed N. Hardwood - Pine	Sawtimber Well	8.7	81	141-170	Stand of hardwood mixed with large pine. Consider a selection cut.
71	4193 - Birch, Aspen	Sapling Well	8.5	19	Immature	Cut in 1996. Mixed regen that is variable in density. Some of the ground is soft and wet in ares.



Stand	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
73	6124 - Lowland Spruce-Fir	Sapling Medium	5.7	36	Unspecified	Lowland fringe between upland aspen and larger lowland conifer stand.
75	42110 - Planted Red Pine	Poletimber Well	4.7	21	Immature	red Pine planted in 1984. Was 3rd row thinned in 2012.
76	6120 - Lowland Cedar	Poletimber Well	4.2	95	81-110	Wet stand part of larger cedar stand adjacent, outside apartment
77	4130 - Aspen	Sapling Well	25.6	24	Immature	Aspen regeneration looks good. Stand was cut in 1991.
79	4319 - Mixed Upland Forest	Poletimber Well	4.3	92	111-140	Narrow buffer strip between road and utility r.o.w.
81	4116 - Mixed N. Hardwood - Aspen	Poletimber Well	4.2	68	Unspecified	
83	42360 - Upland Cedar	Poletimber Well	1.5	91	Unspecified	Ceadr stand mixed with some balm and aspen.
85	6122 - Black Spruce	Poletimber Well	1.6	51	Unspecified	Island of exclusively, small black spruce clump within large lowland cedar area.
86	4134 - Aspen, Spruce/Fir	Sapling Well	1.5	17	Immature	Aspen mix regen. Stand was cut in 1998.
88	4130 - Aspen	Sapling Well	10.1	34	Immature	Nice looking A3.
89	4134 - Aspen, Spruce/Fir	Poletimber Well	2.2	68	Unspecified	Mackinac mix stand with aspen, birch, maple, and balsam.
90	4134 - Aspen, Spruce/Fir	Sapling Well	2.1	17	Immature	Aspen mis regeneration. Stand was cut in 1998.
91	6120 - Lowland Cedar	Poletimber Well	25.8	104	Unspecified	Large stand of lowland cedar. There are scattered areas with some birch and a few tamarack. Overall nice cedar, but small. very thick in places.
92	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	3.7	63	81-110	Mixed stand of high and low ground. some aspen and birch on some higher areas gradiating to cedar and conifer. Overall smaller size trees. Check again next entry.
93	6132 - Mixed Lowland Forest with Cedar	Poletimber Well	12.6	63	81-110	Mixed stand of high and low ground. some aspen and birch on some higher areas gradiating to cedar and conifer. Overall smaller size trees. Check again next entry.
94	6120 - Lowland Cedar	Poletimber Well	4.2	104	Unspecified	Large stand of lowland cedar. There are scattered areas with some birch and a few tamarack. Overall nice cedar, but small. very thick in places.



Stand	Cover Type	Acres	Managed Site	General Comments:
5	629 - Mixed non-forested wetland	37.5	No	
8	122 - Road/Parking Lot	2.9	No	H-40
10	310 - Herbaceous Openland	5.6	No	
15	629 - Mixed non-forested wetland	5.7	No	
26	500 - Water	3.8	No	
28	500 - Water	23.6	No	
31	330 - Low-Density Trees	12.7	No	
33	6224 - Treed Bog	17.0	No	
35	629 - Mixed non-forested wetland	5.2	No	
40	123 - Other High Intensity Urban	6.6	No	Canadian National Railroad
42	6224 - Treed Bog	16.5	No	
43	500 - Water	5.1	No	
44	6239 - Mixed Emergent Wetland	13.8	No	
51	330 - Low-Density Trees	3.9	No	
52	310 - Herbaceous Openland	9.4	No	Upland opening with scattered mixed pine and conifer.
54	629 - Mixed non-forested wetland	2.3	No	
55	629 - Mixed non-forested wetland	19.2	No	
59	310 - Herbaceous Openland	3.0	No	



Stand	Cover Type	Acres	Managed Site	General Comments:
62	310 - Herbaceous Openland	8.8	No	
63	500 - Water	2.0	No	
64	629 - Mixed non-forested wetland	2.4	No	
66	500 - Water	2.0	No	
68	500 - Water	7.3	No	
72	629 - Mixed non-forested wetland	1.1	No	
74	310 - Herbaceous Openland	2.1	No	
78	310 - Herbaceous Openland	2.7	Yes	utility R.O.W. (powerline), wet grassy opening.
80	122 - Road/Parking Lot	1.7	No	
82	6239 - Mixed Emergent Wetland	9.0	No	
84	6229 - Mixed lowland shrub	2.1	Yes	Utility r.o.w.
87	6229 - Mixed lowland shrub	1.6	No	