

Compartment Review Presentation

Sault Ste. Marie Forest Management Unit

Compartment 45118

Entry Year 2021

Acreage: 1,649

County Mackinac

Management Area: Carp River Red Pine

Revision Date: 2019-08-02

Stand Examiner: Matt Edison

Legal Description:

T42N R6W Sections: 7,8,9 & 16; Moran Township

Identified Planning Goals:

This compartment is located just northwest of Brevort. It is on the southern edge of the Carp River Red Pine Management Area. It consists of a mix of aspen, jack pine, red pine and northern hardwoods, including some oak. It contains one of the few areas of natural jack pine managed out of the Naubinway office. Management this decade will remove mature Jack Pine and Red Pine stand, as well as first and second thinning of red pines Regular treatment of these major types is recommended to promote health and growth of the stands. The snowmobile trail crosses the compartment. Management activities are limited to non-winter months to avoid conflicts with snowmobilers.

Soil and topography:

The majority of the area is sandy uplands, level to rolling terrain. The associated soils are Wallace sand, Spot-Finch complex, Rubicon sand, Markey and Carbondale mucks, and Finch sand.

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

Sand Products Corp. owns lands adjacent to the west and south, two large private holdings with permanent and seasonal residences along Worth Road are within the compartment boundaries, there is also a mix of private and state lands to the east, and state lands to the north.

Unique Natural Features:

Little Brevoort River flows through the northeast corner of compartment. Split Rock, a local feature, located in Section 9. Oak is present in this compartment. There is also a presence of several rare and endangered species in the surrounding area.

Archeological, Historical, and Cultural Features:

One site is located within this compartment, 20MK268 (stand 46). As no treatment is being proposed in this area, we have no concerns.

Special Management Designations or Considerations:

Adequate buffers will be left along Little Brevoort River.

Watershed and Fisheries Considerations:

The northeastern region of this compartment contains the Little Brevoort River. The Little Brevoort River is designated a Type 1 trout stream less than 50' width and serves as a tributary to the Brevoort River. A 300' buffer is recommended for the Little Brevoort River in riparian areas susceptible to Aspen regeneration (specifically stand 41). For areas not susceptible to Aspen regeneration, 100' plus 5' per 1% increase in slope; buffers are recommended to protect these areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is part of the Carp River Red Pine MA where featured wildlife species include blackburnian warbler, red-shouldered hawk, ruffed grouse, and snowshoe hare. It is dominated by aspens, pines, and hardwoods in various compositions on sandy soils. The Little Brevort River flows through the northeast portion of the compartment, and is bordered by lowland conifer cover. A larger opening exists on the north end as well as a few smaller ones although there are a few more close by in adjacent compartments. A final harvest is planned in upland conifer stands, and will result in a larger temporary opening that enhances habitat for grassland species like sandhill crane and sharp-tailed grouse. Aspen stands vary some in age class which offers cover, roosting, and feeding sites for ruffed grouse. One mature stand will be treated to maintain the young early successional habitat here. Larger white pine will be left where it is present. Northern hardwood stand will generally be left to mature further, which should benefit red-shouldered and other hawks. Oak will also be left to provide hard mast for bear, deer, and a variety of other species.

Mineral Resource and Development Concerns and/or Restrictions

An industrial sand quarry is located less than one mile from the compartment. No other active mineral production is located within five miles of the compartment, but there may be some sand potential within the compartment. Bedrock limestone/dolostone appears to be too deep here to be economically mined. There is no known metallic mineral potential in this area, and there is no current economic oil and gas production in the UP. The state does not own all the mineral rights within the compartment. Because the mineral estate is the dominant estate, reasonable access to the surface must be provided to private owners if they choose to explore or develop their mineral rights. Based on interpretation of Michigan statute, most non-metallic minerals are considered part of the surface estate.

Vehicle Access:

Access is generally good. Worth Road, a paved county all season road borders the south edge of the compartment. The Miller Road crosses the compartment from east to west, Brevort River Road cuts north-south through the middle, and Cut River Road crosses the northwest corner. These three roads are primarily sand roads that have received little maintenance in recent years.

Survey Needs:

None this entry

Recreational Facilities and Opportunities:

This area receives a lot of use by snowmobilers. Snowmobile trail follows Miller Road and Cut River Road before branching off to the west.

Fire Protection:

The pine component within this stand provides for increased fire potential.

Additional Compartment Information:

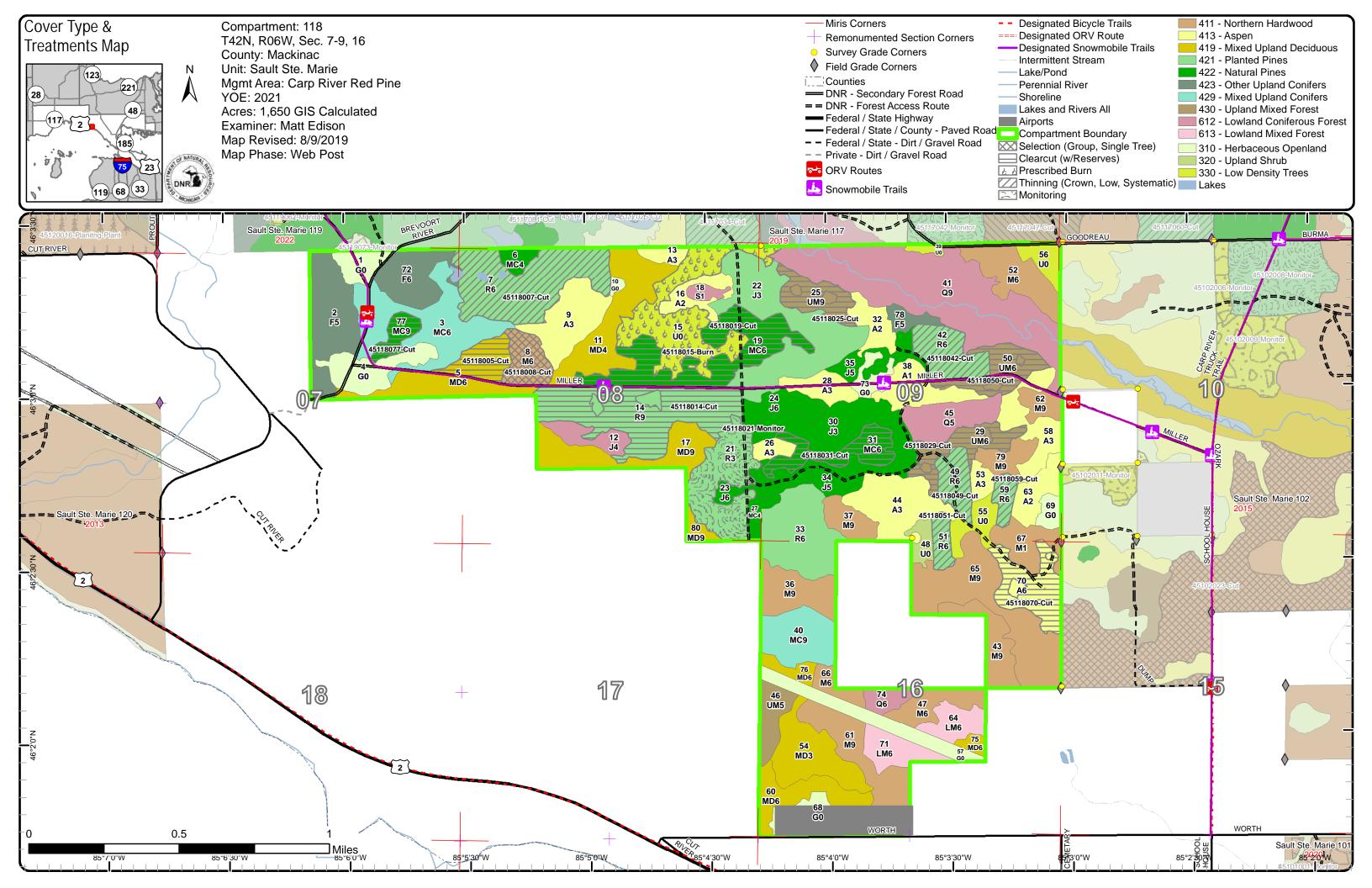
The following reports from the Inventory are attached:

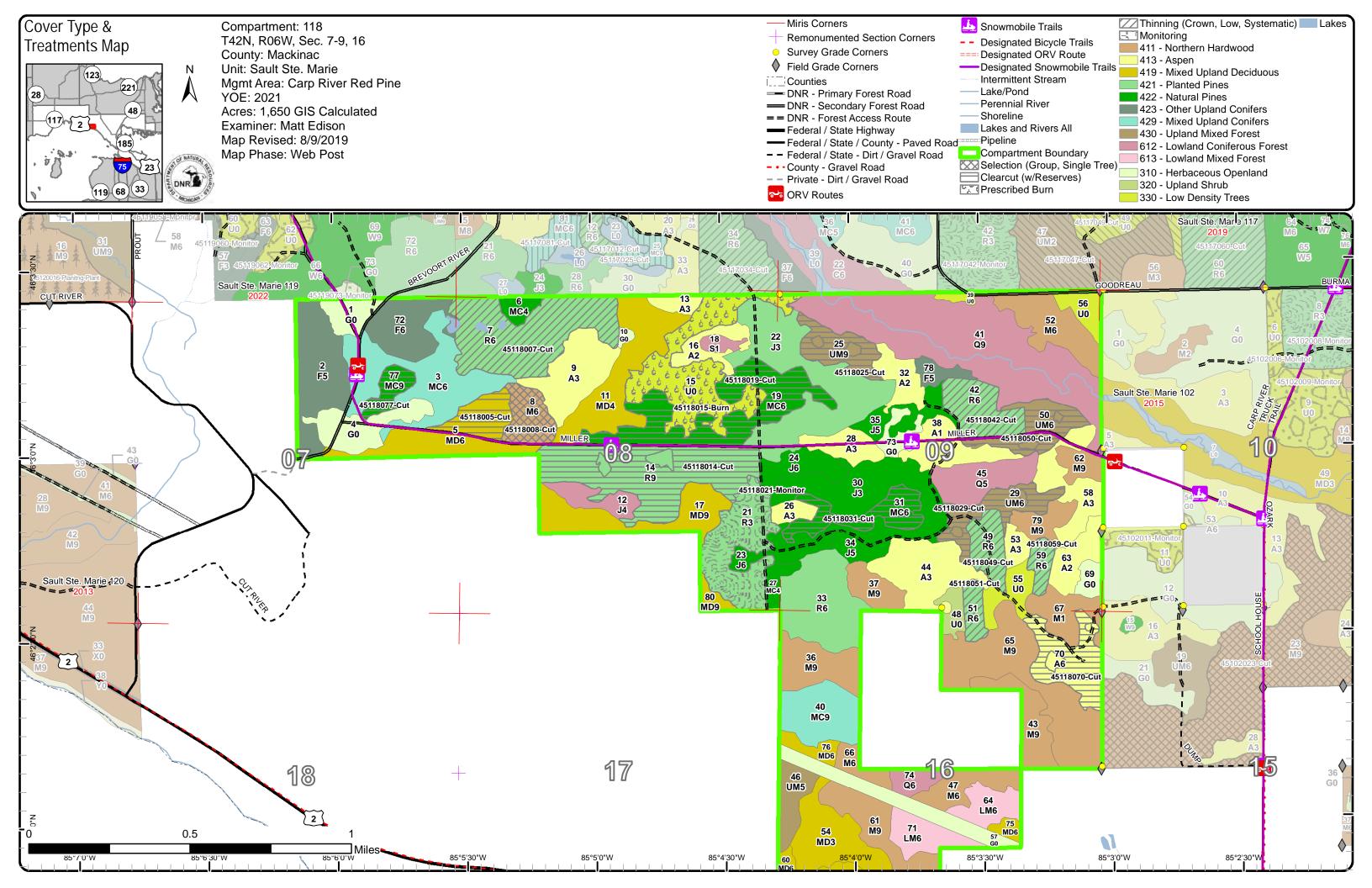
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

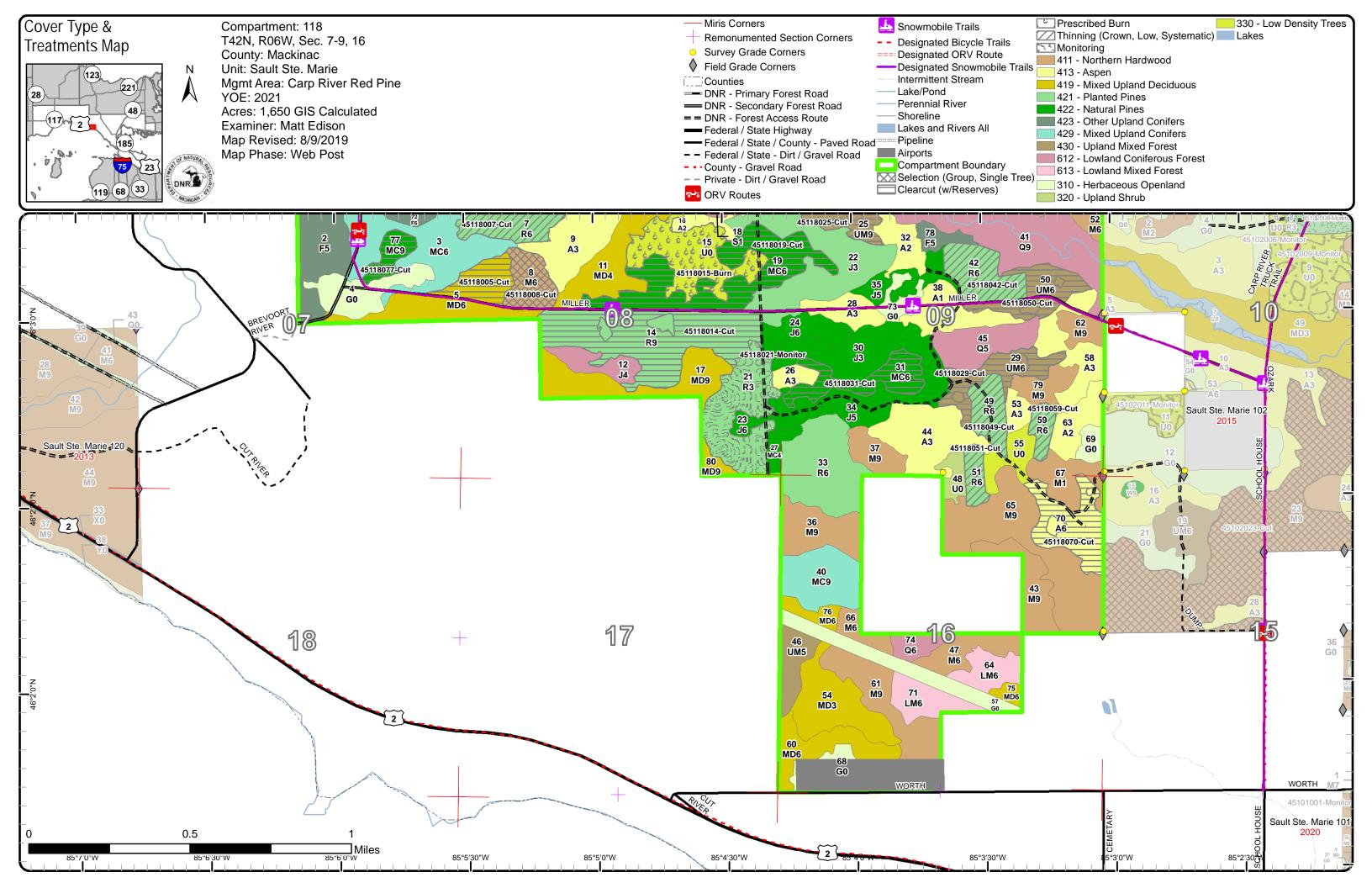
The following information is displayed, where pertinent, on the attached compartment maps:

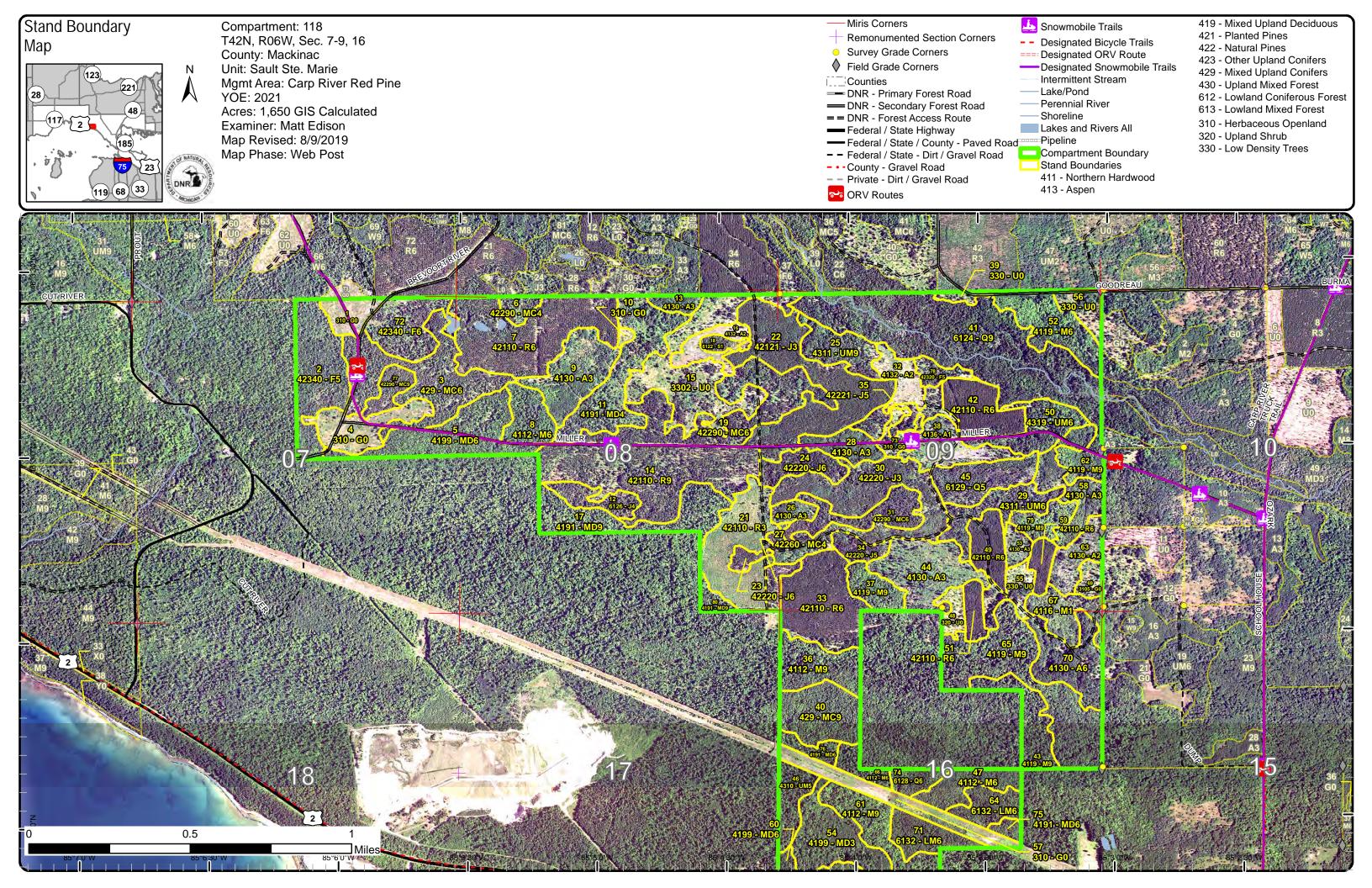
Base feature information, stand boundaries, cover types, and numbers Proposed treatments Site condition boundaries

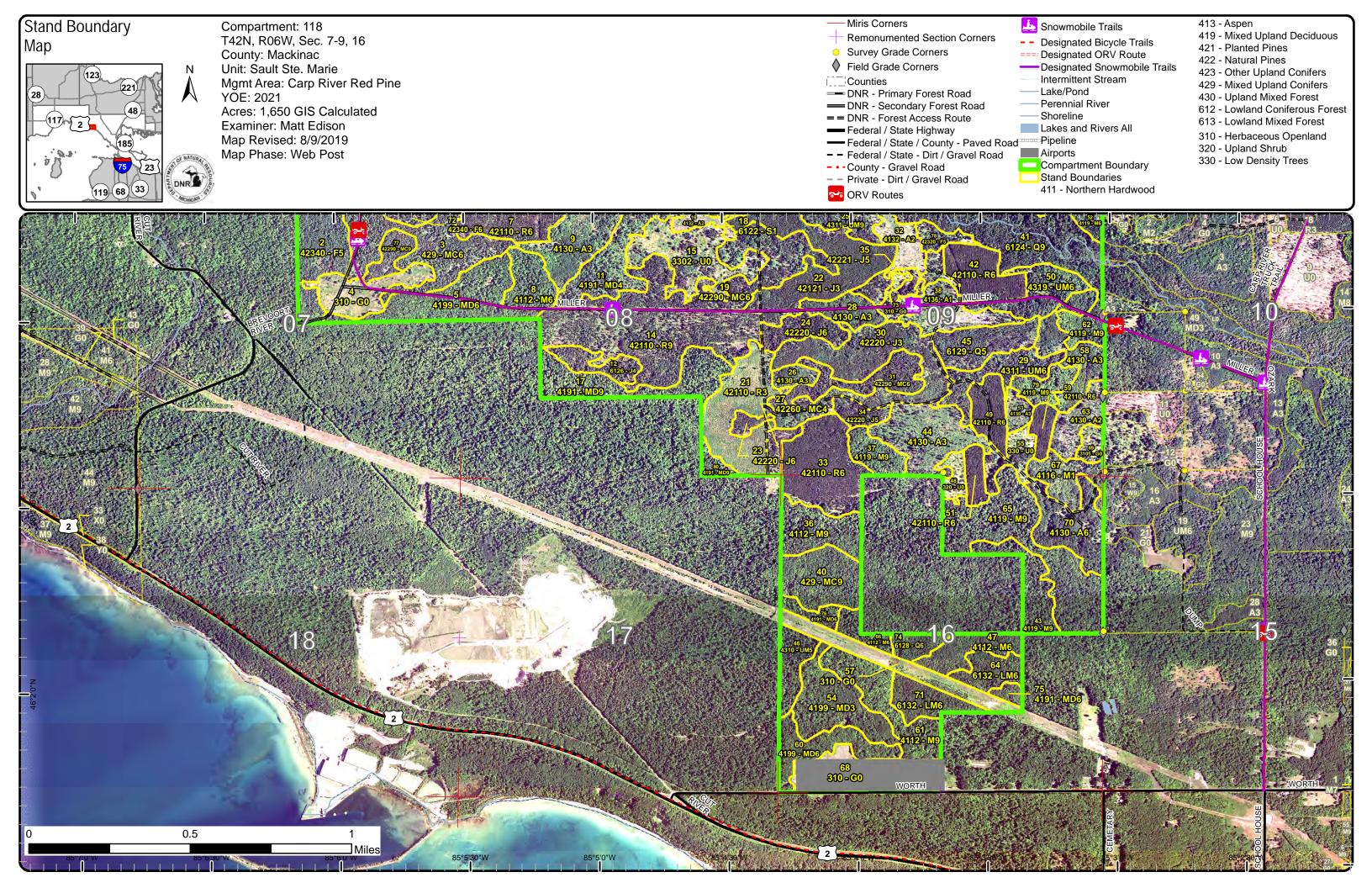
Details on the road access system

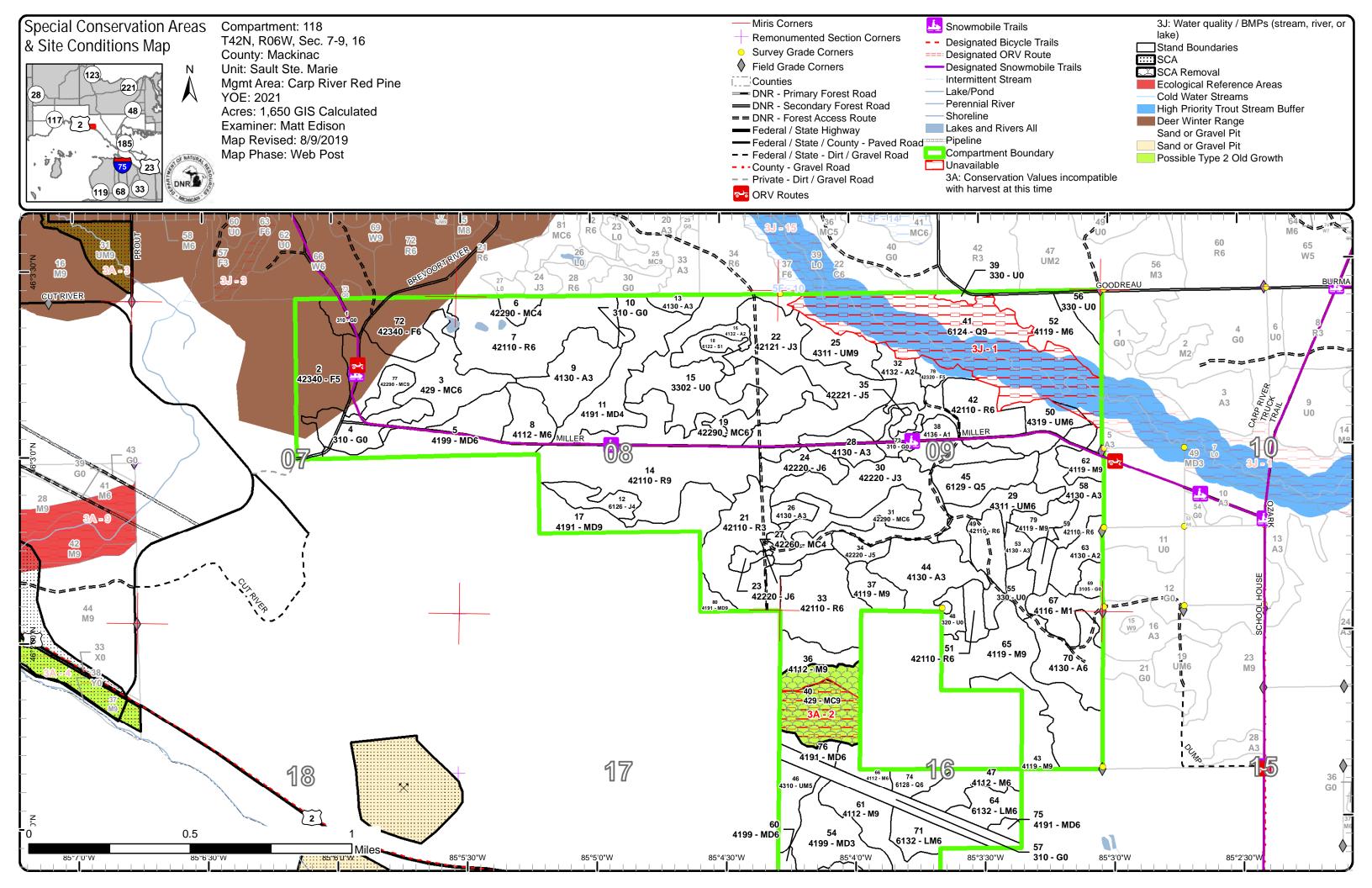


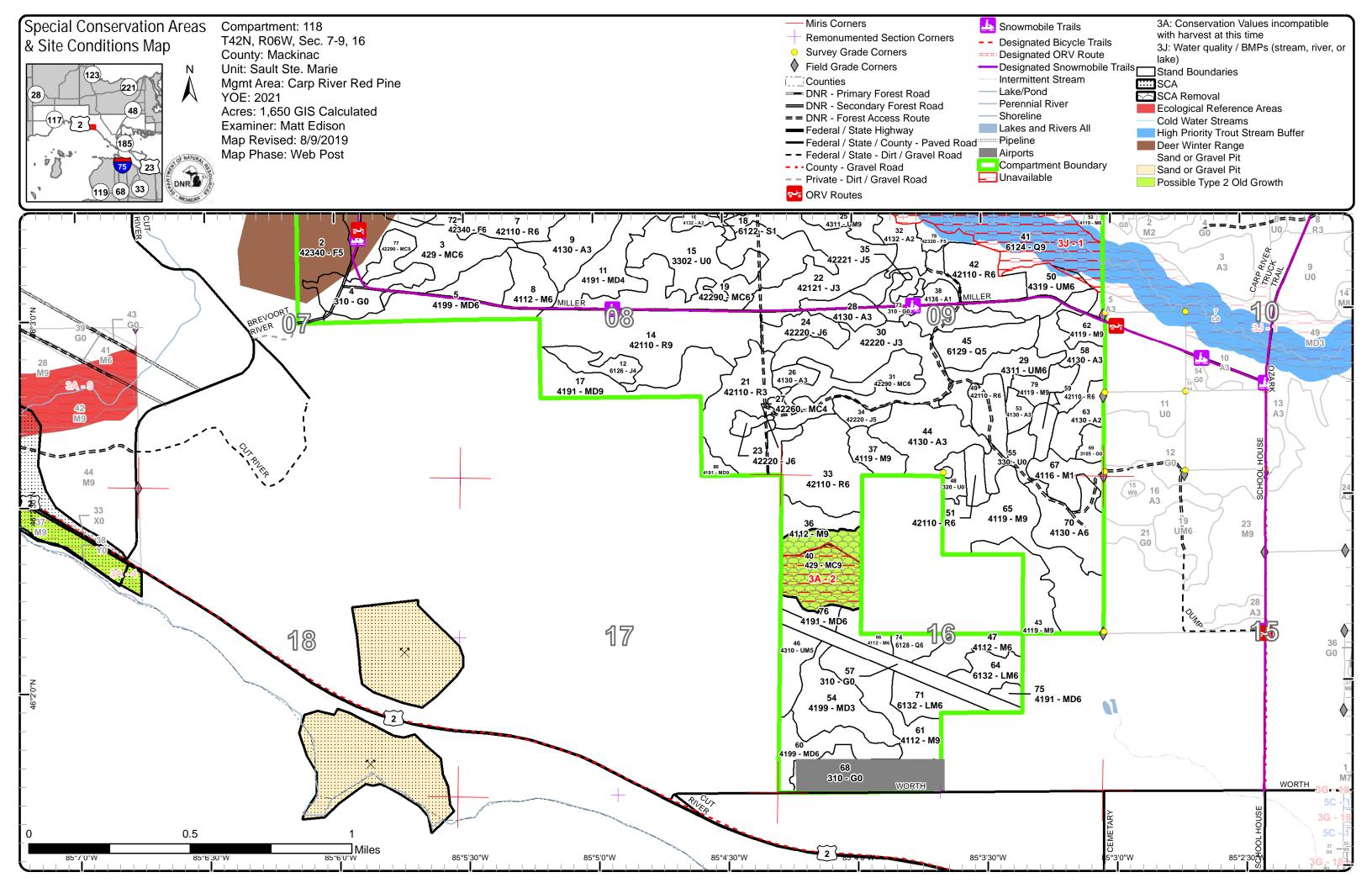












Sault Ste. Marie Mgt. Unit

Matt Edison: Examiner



Age Class

	No.	Kon C		27.05		8 /4	\$ 1.00°) } 		,			70,	\$7. \$7.	, & / &	\$ K	N. S.	g Jue d	A LOS
Aspen	0	91	0	60	11	0	27	0	0	0	0	0	0	0	0	0	0	0	188
Herbaceous Openland	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95
Jack Pine	0	0	0	117	0	23	24	0	0	0	0	0	0	0	0	0	0	0	164
Low-Density Trees	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72
Lowland Conifers	0	0	0	0	0	7	0	0	21	0	0	0	0	110	0	0	0	0	138
Lowland Mixed Forest	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28
Lowland Spruce/Fir	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Mixed Upland Deciduous	0	0	0	70	0	3	21	0	36	0	0	0	0	0	0	0	0	41	171
Natural Mixed Pines	0	0	0	5	6	69	0	8	0	0	0	0	0	0	0	0	0	0	88
Northern Hardwood	0	0	0	16	22	0	0	0	0	71	22	0	0	0	0	0	0	100	231
Red Pine	0	0	38	0	67	0	148	0	0	0	0	0	0	0	0	0	0	0	253
Upland Conifers	0	0	0	0	0	49	0	0	0	0	0	0	0	26	0	0	0	0	75
Upland Mixed Forest	0	0	0	0	0	20	0	36	0	0	0	0	0	0	0	0	0	13	69
Upland Shrub	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Upland Spruce/Fir	0	0	0	0	6	62	0	0	0	0	0	0	0	0	0	0	0	0	66
Total	173	91	38	268	140	233	224	44	57	71	22	0	0	136	0	0	0	154	1648



Report 2 – Treatment Summary

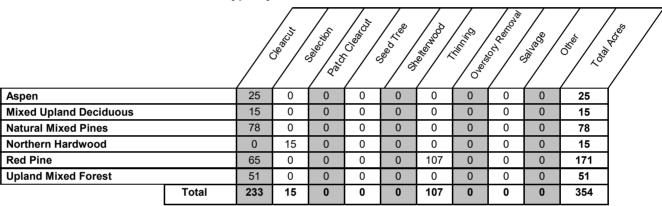
Sault Ste. Marie Mgt. Unit Year of Entry: 2021

Acres of Harvest

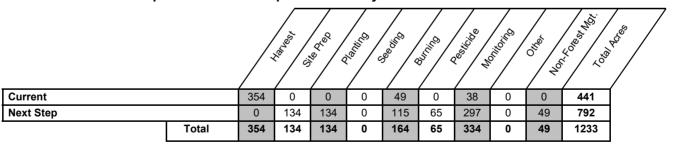
Compartment 118
Total Compartment Acres: 1,649

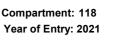
Commercial Harvest - 354 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method







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
5	45118005-Cut		1199 - Other Mixed Upland Deciduous	Poletimber Well	73	81-110	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal

Habitat Cut: No Site Condition:

Prescription Clearcut with retention- Leave some retention pockets of representative species. Leave any large white pine. Retain course woody debris, Specs: broken tops and slash to create a couple of large brush piles for hare habitat within the stand. Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres.

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any mix of aspen, maple, birch, cherry, balsam fir, spruce, hemlock, beech, white pine, red pine, and jack pine.

Regen:

S

Other Comment:

Proposed Start Date: 10/1 /2020

45118007-Cut 42110 - Planted 58.3 Poletimber 141-Harvest Crown Thinning 4211 - Planted Even-Aged Proposal Red Pine Well 170 Red Pine

Habitat Cut: No Site Condition:

Prescription Second entry. Thin crowns and baal area to approximately 120. Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres. Specs:

Next Step Treatments:

Acceptable RP Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

Proposal 45118008-Cut 14.6 4112 - Maple, Poletimber 81 81-110 Harvest Single Tree 411 - Northern Even-Aged Beech, Cherry Well Selection Hardwood Association

Habitat Cut: No Site Condition:

Prescription Thin to regulate basal area. Best tree in place, but, look at birch to remove first before it dies out completely. Specs:

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Any mix of maple, birch, cherry, balsam fir, spruce, hemlock, red pine, white pine, beech, or cedar.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

64.5 42110 - Planted 14 45118014-Cut Sawtimber 57 51-80 Harvest Clearcut 4211 - Planted Even-Aged Proposal Red Pine Red Pine

Habitat Cut: No Site Condition:

Prescription Final harvest mature red pine. Any retention should be left along the edge to facilitate regeneration operations. Delineate out aspen inclusions to leave within the stand. Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres. Specs:

Next Step Burn, Slash; Pesticide, Aerial - Site Prep; SitePrep, Trenching; Planting, Initial Plant; Monitoring, Herbicide Use Treatments:

Acceptable Planted red pine

Regen:

Other Comment:

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
15	45118015- Burn	49.1	3302 - Low Density Conifer Trees	Nonstocke	d	Unspec ified	Burn	Opening	3105 - Mixed Upland Herbaceous		Draft Field Boundary

Habitat Cut: No Site Condition:

Prescription Burn or mechanical treat to maintain grass opening.

Specs:

S

Next Step Monitoring, Prescribed Burn Treatments: ; NonForestMqt, Other - Specify

<u>Acceptable</u> Regen:

Percent to Treat = 100% Other

Comment:

Proposed Start Date: 10/1 /2020

45118019-Cut 50.2 42290 - Natural 45 Poletimber 81-110 Clearcut with 4222 - Natural Harvest Even-Aged Proposal Mixed Pine Well Retention Jack Pine

Habitat Cut: No Site Condition:

Prescription Clearcut with retention- harvest all. Leave some scattered red pine and white pine. Follow up with regeneration of jack pine Consider seeding or planting if natural jp regeneration does not give adequate results. Actual sale acreage and area will reflect what is found during sale prep. and Specs:

may vary from prescribed acres.

; Monitoring, Natural Regen (Re-Inventory); Planting, Initial Plant; SitePrep, Trenching; Burn, Slash Next Step **Treatments:**

Acceptable Any mix of jack pine, aspen, cherry, birch, balsam fir, spruce, maple, red pine, white pine, hemlock, or cedar.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

45118021-37.8 42110 - Planted 42110 - Planted Sapling 10 Immatu Monitoring Herbicide Use Even-Aged Approved Red Pine Monitor Well Red Pine Proposal re

Habitat Cut: No Site Condition:

Prescription Monitor for pest and release spraying

Specs:

Next Step Treatments:

Acceptable RP

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

25 45118025-Cut 15.6 4311 - Pine, Aspen Sawtimber 62 81-110 Harvest Clearcut with 4132 - Aspen, Even-Aged Proposal Retention Jack Pine Mix

Habitat Cut: No Site Condition:

Prescription Clearcut with retention- Leave white pine and retention pockets of representative aspen. Also leave a few large aspen along edge. Retain course woody debris, broken tops and slash to create a couple of large brush piles for hare habitat within the stand. Leave 3-10% retention patches. Specs:

Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres.

Next Step Monitoring, Natural Regen (Intermediate)

Treatments:

Acceptable Any mix of aspen, birch, maple, jack pine, red pine, white pine, hemlock, cedar, or cherry.

Regen:

Other Comment:

Compartment: 118

Year of Entry: 2021

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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
29	45118029-Cut	17.6	4311 - Pine, Aspen Mix	Poletimber Well	60	111- 140	Harvest	Clearcut with Retention	4319 - Mixed Upland Forest	Even-Aged	Proposal

Habitat Cut: No Site Condition:

Prescription Leave some representative retention along edges or in patches. Retain large White Pine. Retain course woody debris, broken tops and slash to create a couple of large brush piles for hare habitat within the stand. Leave 3-10% retention patches. Specs:

Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres.

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any mix of aspen, birch, maple, spruce, balsam fir, white pine, red pine, jack pine, cedar, or hemlock.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

45118031-Cut 19.0 42290 - Natural Poletimber 111-Harvest Clearcut with 4222 - Natural Even-Aged Proposal Mixed Pine Well 140 Retention Jack Pine

Site Condition: Habitat Cut: No

Prescription Clearcut with retention- Harvest all, leaving some scattered red pine. Follow up with scarification for natural jack pine rgeneration. COnsider planting if natural regeneration does not occur. Actual sale acreage and area will reflect what is found during sale prep. and may vary from Specs:

prescribed acres.

SitePrep, Scarification, Planting, Initial Plant, Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable Any mix of jack pine, aspen, birch, maple, cherry, white pine, red pine, hemlock, cherry, or cedar.

Regen:

Other Comment:

10/1 /2020 **Proposed Start Date:**

42110 - Planted 45118042-Cut 21.2 Poletimber 56 111_ Harvest Crown Thinning 4211 - Planted Even-Aged Proposal Red Pine Well 140 Red Pine

Habitat Cut: No Site Condition:

Prescription Second thinning to release crowns.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

45118049-Cut 13.7 42110 - Planted Poletimber 141-Harvest Systematic 4211 - Planted Even-Aged Proposal Red Pine Well 170 Thinning Red Pine

Habitat Cut: No Site Condition:

Prescription Harvest every 3rd row.

Specs:

Next Step

Treatments:

Acceptable

Regen: Other

Comment:

Compartment: 118

Year of Entry: 2021

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Treatment Stand Size Stand BA **Treatment Treatment Cover Type** Acres Age **Approval** n Method Objective Status Name CoverType Density Age Range Type Structure d 4319 - Mixed 4319 - Mixed 45118050-Cut 18.0 Poletimber 45 81-110 Harvest Clearcut with Even-Aged Proposal 50 **Upland Forest** Well Retention **Upland Forest**

Habitat Cut: No Site Condition:

Prescription Clear cut with retention- Leave white pine and some patches of healthy birch if/where possible. Provide for rabbit habitat by providing larger slash Specs:

piles throughout is the sale area. Leave 3-10% retention patches.

Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres.

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any mix of aspen, birch, maple, balsam fir, spruce, white pine, red pine, hemlock, or cedar.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

42110 - Planted 141-4211 - Planted 45118051-Cut 7.2 Poletimber Harvest Systematic Even-Aged Proposal Red Pine Well 170 **Thinning** Red Pine

Site Condition: Habitat Cut: No

Prescription Harvest every third row.

Specs:

Next Step Treatments:

<u>Acceptable</u>

Regen: Other

Comment:

Proposed Start Date: 10/1 /2020

Systematic Proposal 45118059-Cut 6.5 42110 - Planted Poletimber 111-Harvest 4211 - Planted Even-Aged Red Pine Well 140 **Thinning** Red Pine

Habitat Cut: No Site Condition:

Prescription Harvest every 3rd row.

Specs:

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Proposed Start Date: 10/1 /2020

45118070-Cut 24.9 4130 - Aspen Poletimber 57 111-Harvest Clearcut with 413 - Aspen Even-Aged Proposal Well 140 Retention

Habitat Cut: No Site Condition:

Prescription CLearcut with reserves- Leave a couple retention pockets and all large diameter white pine. Actual sale acreage and area will reflect what is Specs:

found during sale prep. and may vary from prescribed acres. Leave 3-10% retention patches.

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any mix of aspen, birch, maple, cherry, balsam fir, spruce, cedar, hemlock, white pine, or red pine.

Regen: Other

Comment:

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Report 3 -- Treatments

	Sault Ste. Marie	Mgt. U
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Year of	Entry: 2021	DNR
Cover Type	Age	Approval

Compartment: 118

n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Approval
d	Name		CoverType	Density	Age	Range	Type	Method	Objective	Structure	Status
77	45118077-Cut	8.4	42290 - Natural Mixed Pine	Sawtimber Well	60	81-110	Harvest	Clearcut with Retention	429 - Mixed Upland Conifers	Even-Aged	Proposal

Habitat Cut: No **Site Condition:**

Prescription Harvest all, leave large white pine and retain course woody debris, broken tops and slash to create a couple of large brush piles for hare habitat within the stand. Actual sale acreage and area will reflect what is found during sale prep. and may vary from prescribed acres. Specs:

Monitoring, Natural Regen (Intermediate) Next Step

Treatments:

Acceptable Any mix of white pine, red pine, jack pine, spruce/fir, aspen, cherry, birch, maple, hemlock, or cedar.

Regen:

Other Comment:

Proposed Start Date: 10/1 /2020

Total Treatment Acreage Proposed:

441.2

Sault Ste. Marie Mgt. Unit

Matt Edison: Examiner

Compartment: 118
Year of Entry: 2021

Availability for Management Total Acres Avail Acres Acres **Dominant Site Conditions** With Condition Not Available Acres Available 5F 3A 3J Aspen Herbaceous Openland Jack Pine Low-Density Trees **Lowland Conifers Lowland Mixed Forest** Lowland Spruce/Fir **Mixed Upland Deciduous Natural Mixed Pines** Northern Hardwood **Red Pine Upland Conifers Upland Mixed Forest Upland Shrub** Upland Spruce/Fir Total Forested Acres 1,649 1,514 92% 8% 0% 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	3J: Water quality / BMPs (stream, river, or lake)	109	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
2	Unavailable	3A: Conservation Values incompatible with harvest at this time	26	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
	Type 1 or Type 2 Old Growth	Possible Type 2 Old Growth Area	SCA Removal	37
Comments Do not meet criteria for old	growth.			
	9			

Sault Ste. Marie Mgt. Unit Compartment: 118
Year of Entry 2021



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.

Conservation Area	і Туре	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen cond stocked trout populations and those of other coldwater fish speci year to year. Coldwater streams in Michigan typically provide the contributions of groundwater to their stream flows. Such streams designated as trout resources by Fisheries Order 210.	es (e.g., slimy sculpin) to persist from se conditions due to substantial
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildl and Waterfowl Production Areas, deer wintering complexes in lo openings and savannas. Habitat areas are distinct from critical hendangered or threatened species (such as Kirtland's warbler or general in nature, are not primarily associated with threatened or covered by species recovery plans that are developed in cooperations.	wland conifer communities, grassland abitat designated for recovery of piping plover areas) in that they are more rendangered species, and are not
SCA	Riparian Area	A transitional area between aquatic and terrestrial ecosystems in influences the aquatic ecosystem and vice-versa. Because of the streams and open water wetlands, riparian areas harbor a high communities are ecologically and socially significant in their efferas aesthetics, habitat, bank stability, timber production, and their	e unique conditions adjacent to lakes, liversity of plants and wildlife. Riparian cts on water quality and quantity, as well



		Level 4 Cover Type		•		Level 4 Cover Type 310 - Herbaceous Openland			Level 4 Cover Type		, , , , , , , , , , , , , , , , , , ,	General Comments
1	310 - Herbad	ceous Open	land	Nonstocked		9.7		Unspecified	Managed Op	ening	Opening was cut in 2014. check in future entries for any needed treatments to maintain as opening.	
2	42340 - Upl	and Spruce	/Fir Pol	etimber	Medium	36.5	47	111-140	N/A		Mixed stand of small diameter. Hold for future harvest/ regeneration	
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	consideration once diameters increase.	
	Red Maple	10	Sapling/Pole	7		Re	d Maple	Low	5 - 10 feet	Sapling		
	Balsam Fir	30	Pole/Sapling	5		Bal	lsam Fir	Low	5 - 10 feet	Sapling		
	White Spruce	35	Pole/Sapling	5	47	Whit	e Spruce	Low	< 5 feet	Sapling		
	White Pine	15	Log	16							_	
3	429 - Mixed	Upland Con	ifers P	oletimb	er Well	49.2	44	81-110	N/A		Several patches of Labrador tea mostly Moss on Ground. nice natural	
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	spruce stand keep an eye on. some low areas but very little standing water. Ridges have mostly white pine of smaller diameter on them.	
	Paper Birch	10	Pole/Log	8		Bal	lsam Fir	Low	< 5 feet	Sapling	γ	
	Quaking Aspen	10	Pole	6		Whit	e Spruce	Medium	5 - 10 feet	Sapling		
	Balsam Fir	7	Pole	6		Wh	ite Pine	Low	5 - 10 feet	Sapling		
	Black Spruce	45	Pole	6	44						_	
	White Pine	21	Log	14								
4	310 - Herbac	· ·		Nonsto		20.2		Unspecified	Managed Op	pening		
4 5	4199 - Other Mixe	ed Upland D	eciduous P	oletimb	er Well	36.2	73	Unspecified 81-110	N/A	pening	Mostly red maple and birch. Treat the north side of the road this entry as	
	4199 - Other Mixe	ed Upland D	eciduous P	oletimb		36.2 Cano	py Species	81-110 Density	N/A Avg. Height	Size	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch.	
	4199 - Other Mixe Canopy Species Sugar Maple	ed Upland D **Cover** 15	Peciduous P Size Class Pole	oletimb	er Well	36.2 Cano	py Species ar Maple	81-110 Density Medium	N/A Avg. Height 10 - 20 feet	Size Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road	
	4199 - Other Mixe Canopy Species Sugar Maple Red Maple	ced Upland D W Cover 15 35	Peciduous P Size Class Pole Pole/Log	DBH 8	er Well	36.2 Cano Sug Re	py Species ar Maple d Maple	81-110 Density Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cu	
	4199 - Other Mixe Canopy Species Sugar Maple	ed Upland D **Cover* 15 35 30	Peciduous P Size Class Pole	DBH 8 8	er Well	36.2 Cano Sug Re	py Species ar Maple	81-110 Density Medium	N/A Avg. Height 10 - 20 feet	Size Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch.	
	4199 - Other Mixe Canopy Species Sugar Maple Red Maple	ced Upland D W Cover 15 35	Peciduous P Size Class Pole Pole/Log	DBH 8	er Well	36.2 Cano Sug Re	py Species ar Maple d Maple	81-110 Density Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet	Size Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cu	
	4199 - Other Mixe Canopy Species Sugar Maple Red Maple Paper Birch	% Cover 15 35 30 10	Size Class Pole Pole/Log Pole Pole Pole	DBH 8 8	er Well Age 73	36.2 Cano Sug Re	py Species ar Maple d Maple Beech	81-110 Density Medium Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cuthere. Opening with mixed regen fillin gin. Lots of small JP and some larger	
5	4199 - Other Mixed Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen	% Cover 15 35 30 10 ural Mixed F	Size Class Pole Pole/Log Pole Pole Pole	Poletimb DBH 8 8 8 8 oletimb	er Well Age 73	36.2 Cano Sug Re E	py Species ar Maple d Maple Beech	81-110 Density Medium Medium Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cuthere.	
5	4199 - Other Mixe Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen 42290 - Nation	% Cover 15 35 30 10 ural Mixed F	Pole Pole Pole Pole Pole Pole Pole Pole Pole	Poletimb DBH 8 8 8 8 oletimb	er Well Age 73 er Poor	36.2 Cano Sug Re E	py Species ar Maple d Maple Beech	81-110 Density Medium Medium Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cuthere. Opening with mixed regen fillin gin. Lots of small JP and some larger	
5	4199 - Other Mixe Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen 42290 - Nate Canopy Species	% Cover 15 35 30 10 ural Mixed F	Pole Pole Pine P Size Class	DBH 8 8 8 8 8 Doletimb	er Well Age 73 er Poor	36.2 Cano Sug Re E	py Species ar Maple d Maple Beech	81-110 Density Medium Medium Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cuthere. Opening with mixed regen fillin gin. Lots of small JP and some larger	
5	4199 - Other Mixed Canopy Species Sugar Maple Red Maple Paper Birch Quaking Aspen 42290 - Nate Canopy Species White Pine	% Cover 15 30 10 20 20 20 20 20 20 20 20 20 20 20 20 20	Poleciduous Poleciduous Pole Pole Pole Pole Pole Sapling	Poletimb B 8 8 8 8 Oletimb DBH	er Well 73 er Poor Age 20	36.2 Cano Sug Re E	py Species ar Maple d Maple Beech	81-110 Density Medium Medium Medium Medium	N/A Avg. Height 10 - 20 feet 5 - 10 feet 5 - 10 feet 5 - 10 feet	Size Sapling Sapling Sapling	the birch is declinig and should be harvested. Clearcut the north and should get good mixed regeneration with a good component of birch. Leave any White Pine and Hemlock (only saw on south side of road though). Treat the south side of the road next entry, consider a select cuthere. Opening with mixed regen fillin gin. Lots of small JP and some larger	



Stand	d Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
8	4112 - Maple, Asso	Beech, Ch	nerry [Poletimb	er We	ell 14.6	81	81-110	N/A		Stand could use a thinning in the higher ba area in the south. Larger diameters and somewhat lower bas in the north where alot of beech had
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	fallen out. Treat as needed with a light thinning.
	Sugar Maple	35	Log/Pole	10		Su	gar Maple	Low	5 - 10 feet	Sapling	
	Red Maple	50	Log/Pole	10	81	Re	ed Maple	Mediun	n 5 - 10 feet	Sapling	
	Paper Birch	15	Pole	9			Beech	High	10 - 20 feet	Sapling	
9	4130	- Aspen		Sapling	g Well	27.9	25	Unspecified	N/A		Nice looking Aspen Regen with good pockets of Wp scattered within.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	46	Sapling/Pole		25						
	Bigtooth Aspen	44	Sapling/Pole		20						
10	310 - Herbaco	eous Open	land	Nonsto	cked	1.4			No		
11	4191 - Mixed Upla Co	and Decidu	ous with F	Poletimb	er Pod	or 39.1	29	1-50	N/A		Scattered pockets of trees scattered throughout a somewhat open area, pine barren features. Quality of aspen is fairly low but some jackpine is
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	decent.
	Paper Birch	20	Pole	8		l	owbush Blue	berry Full	Variable	Tall Shruk	
	Quaking Aspen	25	Pole	8	29						
	White Pine	20	Pole/Log	8							
	Jack Pine	20	Pole	8							
12	6126 - Lowla	and Jack P	ine F	Poletimb	er Poo	or 10.7	53	Unspecified	N/A		Stand resembles a treed bog the ground was soggy, but there was no
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	standing water at the time of field visit.
	Red Pine	10	Pole	8		Lab	rador Tea	Full	< 5 feet	Tall Shruk	
	Jack Pine	80	Pole	8	53						
	Black Spruce	10	Pole/Sapling	j 5							
13	4130	- Aspen		Sapling	g Well	5.1	24	Immature	N/A		Aspen regeneration looks adequate at this time. Part of same stand in
	Canopy Species	% Cover	Size Class	DBH	l Age						adjacent compartment to the north.
	Quaking Aspen	60	Sapling	2	24						
	Bigtooth Aspen	30	Sapling	2							
14	42110 - Plar			Sawtimb	er We	ell 68.0	57	51-80	N/A		Variable stand of residual Red Pine. The pine is very patchy, but dense in some places. alot of the stand is open with some jack pine regen.
	Canopy Species	% Cover	Size Class	DBH	l Age						Overall average ba is probably only 60 RP, but is much higher where rp
	Red Pine	80	Log/Pole	12	57						in clumped. The stand varies from east to west in tree size and composition. Keep retention along edges to avoid danger to helicopter during cultivation operations.
	3302 - Low Den				cked	49.1		Unspecified	No		Consider for opening maintenance in the future.



Stand	d Level 4 Cover Type			Size Density		Acres	Stand Age	BA Range			General Comments
16	4132 - Aspe	en, Jack Pi	ne :	Sapling I	Medium	10.3	5	Immature	N/A		Regeneration following harvest last entry. Looks good.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Jack Pine	25	Sapling	1							
	Quaking Aspen	50	Sapling	1	5						
	Paper Birch	10	Sapling	1							
	Bigtooth Aspen	15	Sapling/Pole	e 1							
17	4191 - Mixed Upla Co	and Deciduo nifer	ous with	Sawtimb	er Well	30.9	76	81-110	N/A		Stand has lost its beech component since the last time it was thinned. More mixed to the east part of the stand. Lots of brush regenerationand
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	lower ba in most of the stand. Check again in the future entries for potential.
	Sugar Maple	10	Log/Pole	10		[Beech	Medium	10 - 20 feet	Sapling	poterniai.
	Red Maple	45	Log/Pole	10	76	Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
	Paper Birch	10	Pole	9							
	Hemlock	20	Log/Pole	12							
18	6122 - Bla	ack Spruce		Sapling	Poor	3.6	56	1-50	N/A		Wetland shrub area filling in with some black spruce in spots.
	Canopy Species	% Cover	Size Class		l Age						
	Black Spruce	95	Sapling	4	56						
19	42290 - Natu			Poletimb		50.3	45	81-110	N/A		Stand is ready to go. Jack Pine is mature and not yet dying out. Some
19			Size Class		l Age		py Species	nice asnen clo		Size	nice aspen clones scattered throughout. Cut all but white pine. Leave a
	Canopy Species Paper Birch	10	Pole	8	1 Age		ing Aspen	Density Low	Avg. Height 5 - 10 feet	Sapling	scattered large red pine as well. Consider scarifying after harvest for the
	<u> </u>	15	Pole	8			nite Pine	Medium	10 - 20 feet	Sapling	jack pine. Plant if scarification does not bring about natural regen.
	Quaking Aspen White Pine			10	90	VVI	iile Fiile	Medium	10 - 20 1661	Sapility	
	Jack Pine	20 40	Log/Pole Pole		89 45						
				8	45						
	Red Pine	15	Log/Pole	11							
21	42110 - Plar	nted Red P	ine	Sapling	g Well	37.8	10	Immature	N/A		Rp planted in 2009. Looks good. Small amounts of aspen and jp
	Canopy Species	% Cover	Size Class	DBH	l Age						scattered about.
	Red Pine	95	Sapling	2	10						
22	42121 - Planted Deci	Jack Pine, iduous	Mixed	Saplin	g Well	61.4	25	Immature	N/A		Jack Pine and Aspen regen very thick.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Quaking Aspen	15	Sapling	3	3-						
	Bigtooth Aspen	10	Sapling	3							
	Jack Pine	75	Sapling	3	25						
23	42220 - Nati			Poletimb		3.6	46	Unspecified	N/A		Small Jack Pine stand that was left when surrounding area was clearcut.
	Canopy Species	% Cover	Size Class	DBH	l Age		py Species	Density	Avg. Height	Size	Still looks good, hold for the next 10 years and check again.
								_ 3			1
		8	Pole	4	3-			Low		Sapling	
	Quaking Aspen Jack Pine				46		ting Aspen	Low	5 - 10 feet	Sapling	



Stan	nd Level 4 Cover Type			Size Density	Size Density		Size Density		Acres	Stand Age	BA Range	Managed S	ite	General Comments
24	42220 - Nat	ural Jack P	ine F	Poletimbe	er Well	13.0	56	111-140	N/A		Nice looking Jack Pine, but still small diameters. Check next entry.			
	Canopy Species	% Cover	Size Class	DBH	Age	Canor	y Species	Density	Avg. Height	Size				
	Jack Pine	95	Pole	6	56	Red	d Maple	Low	10 - 20 feet	Sapling				
						Wh	ite Pine	Low	5 - 10 feet	Sapling				
						Jac	ck Pine	Low	5 - 10 feet	Sapling				
25	4311 - Pin	e, Aspen M	ix S	Sawtimbe	er Well	17.2	62	81-110	N/A		Large diameter Aspen clumps througout. Jack pine mix is mature.			
	Canopy Species	% Cover	Size Class	DBH	Age	Canor	y Species	Density	Avg. Height	Size	Harvest stand this entry, leave the White Pine. This is apparently a good place for aspen regeneration, which will mix with jack pine.			
	Paper Birch	10	Pole	8		Bal	sam Fir	Low	5 - 10 feet	Sapling	, , , , , , , , , , , , , , , , , , , ,			
	Quaking Aspen	40	Log/Pole	10	62	White	e Spruce	Low	5 - 10 feet	Sapling				
	White Spruce	10	Log	14		Jac	ck Pine	Low	Variable	Sapling				
	White Pine	15	Log/Pole	14										
	Jack Pine	20	Pole	8										
26	4130	- Aspen		Sapling	Well	5.2	21	Immature	N/A		This is a small stand that was low density trees and is filling in with Aspen clones clone areas are fairly thick with scattered openings.			
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	y Species	Density	Avg. Height	Size	Aspen ciones cione areas are famy thick with scattered openings.			
		00	Camilian	2	0.4	Ral	Fin	Low	< 5 feet	Sapling				
	Quaking Aspen	92	Sapling	3	21	Dai	sam Fir	LOW	< 5 leet	Sapility				
	Quaking Aspen	92	Sapiing	3	21		e Spruce	Low	< 5 feet	Sapling				
	Quaking Aspen	92	Sapling	3	21	White		Low						
27	Quaking Aspen 42260 - Natural Pir			Poletimbe		White	e Spruce	Low	< 5 feet	Sapling	This stand was previously a G type. Starting to fill in with a mix of pine			
27		ne, Mixed D			er Poor	White Hazelnu 5.5	e Spruce t (American)	Low) Low	< 5 feet 5 - 10 feet	Sapling				
27	42260 - Natural Pi	ne, Mixed D	Deciduous F	Poletimbe DBH	er Poor	White Hazelnu 5.5 Canop	e Spruce t (American)	Low Low Immature	< 5 feet 5 - 10 feet N/A	Sapling Tall Shrub	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is			
27	42260 - Natural Pin	ne, Mixed D	Deciduous F	Poletimbe DBH	er Poor	White Hazelnu 5.5 Canop Quaki	e Spruce t (American) 30 by Species	Low Low Immature Density	< 5 feet 5 - 10 feet N/A Avg. Height	Sapling Tall Shrub	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is			
27	42260 - Natural Pin Canopy Species Quaking Aspen	ne, Mixed E % Cover 39	Deciduous F Size Class Sapling/Pole	Poletimbe DBH	er Poor	White Hazelnu 5.5 Canop Quaki	30 Dy Species ing Aspen	Low Low Immature Density Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is			
27	42260 - Natural Pii Canopy Species Quaking Aspen Red Pine Jack Pine	ne, Mixed D **Cover* 39	Deciduous F Size Class Sapling/Pole Pole	Poletimbee DBH 4 4 6 Sapling	Age 30	White Hazelnu 5.5 Canop Quaki	30 Dy Species ing Aspen	Low Low Immature Density Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is			
	42260 - Natural Pii Canopy Species Quaking Aspen Red Pine Jack Pine	ne, Mixed E % Cover 39 41 20 - Aspen	Deciduous F Size Class Sapling/Pole Pole	Poletimbe DBH 4 4 6	Age 30	Whit Hazelnu 5.5 Canop Quaki	as Spruce t (American) 30 by Species ing Aspen ck Pine	Low Immature Density Low Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned.			
	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine	ne, Mixed E % Cover 39 41 20 - Aspen	Deciduous F Size Class Sapling/Pole Pole Pole	Poletimber DBH 4 4 6 Sapling DBH 3	Age 30	Whit Hazelnu 5.5 Canop Quaki	as Spruce t (American) 30 by Species ing Aspen ck Pine	Low Immature Density Low Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned.			
	42260 - Natural Pil Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species	ne, Mixed E ** Cover 39 41 20 - Aspen ** Cover	Deciduous F Size Class Sapling/Pole Pole Pole Size Class	Poletimber DBH 4 4 6 Sapling DBH	Age 30 Well Age	Whit Hazelnu 5.5 Canop Quaki	as Spruce t (American) 30 by Species ing Aspen ck Pine	Low Immature Density Low Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned.			
	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine	ne, Mixed D **Cover* 39 41 20 - Aspen **Cover* 65 20 e, Aspen M	Deciduous F Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling	Poletimbe DBH 4 4 6 Sapling DBH 3 3 3	Well Age 30	Whit Hazelnu 5.5 Canop Quaki	as Spruce t (American) 30 by Species ing Aspen ck Pine	Low Immature Density Low Low	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen Mixed stand with some larger white pine. Harvest this entry and leave			
28	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine Canopy Species	ne, Mixed D **Cover* 39 41 20 - Aspen **Cover* 65 20 e, Aspen M	Deciduous F Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling ix F Size Class	Poletimbe DBH 4 4 6 Sapling DBH 3 3 Poletimbe DBH	well Age 30 Well Age 30 Age	Whit Hazelnu 5.5 Canop Quaki Jac 11.3	as Spruce t (American) 30 by Species ing Aspen ck Pine 30	lmmature Density Low Low Low Immature	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet N/A	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen			
28	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine	ne, Mixed D **Cover* 39 41 20 - Aspen **Cover* 65 20 e, Aspen M	Deciduous F Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling	Poletimbe DBH 4 4 6 Sapling DBH 3 3 Poletimbe DBH 8	Well Age 30	Whit Hazelnu 5.5 Canop Quaki Jac 11.3	as Spruce t (American) 30 by Species ing Aspen ck Pine 30	lmmature Density Low Low Low Immature	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet N/A	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen Mixed stand with some larger white pine. Harvest this entry and leave			
28	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine Canopy Species Jack Pine Paper Birch	ne, Mixed E % Cover 39 41 20 - Aspen % Cover 65 20 e, Aspen M % Cover 30 15	Deciduous F Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling ix F Size Class Pole Pole	Poletimbe DBH 4 4 6 Sapling DBH 3 3 Poletimbe DBH 8 8	well Age 30 Well Age 30 Age	Whit Hazelnu 5.5 Canop Quaki Jac 11.3	as Spruce t (American) 30 by Species ing Aspen ck Pine 30	lmmature Density Low Low Low Immature	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet N/A	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen Mixed stand with some larger white pine. Harvest this entry and leave			
28	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine Canopy Species Jack Pine Paper Birch White Pine	ne, Mixed D % Cover 39 41 20 - Aspen % Cover 65 20 e, Aspen M % Cover 30 15 25	Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling Sapling ix F Size Class Pole Log/Pole	Poletimbe DBH 4 4 6 Sapling DBH 3 3 Poletimbe DBH 8 8 11	well Age 30 Well Age 30 Age	Whit Hazelnu 5.5 Canop Quaki Jac 11.3	as Spruce t (American) 30 by Species ing Aspen ck Pine 30	lmmature Density Low Low Low Immature	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet N/A	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen Mixed stand with some larger white pine. Harvest this entry and leave			
28	42260 - Natural Pin Canopy Species Quaking Aspen Red Pine Jack Pine 4130 Canopy Species Quaking Aspen Bigtooth Aspen 4311 - Pine Canopy Species Jack Pine Paper Birch	ne, Mixed E % Cover 39 41 20 - Aspen % Cover 65 20 e, Aspen M % Cover 30 15	Deciduous F Size Class Sapling/Pole Pole Pole Size Class Sapling Sapling Sapling ix F Size Class Pole Pole	Poletimbe DBH 4 4 6 Sapling DBH 3 3 Poletimbe DBH 8 8	well Age 30 Well Age 30 Age	Whit Hazelnu 5.5 Canop Quaki Jac 11.3	as Spruce t (American) 30 by Species ing Aspen ck Pine 30	lmmature Density Low Low Low Immature	< 5 feet 5 - 10 feet N/A Avg. Height 10 - 20 feet 10 - 20 feet N/A	Sapling Tall Shrub Size Sapling	This stand was previously a G type. Starting to fill in with a mix of pine and aspen. Consider cutting to recoupe opening when adjacent rp is thinned. Aspen Regen Mixed stand with some larger white pine. Harvest this entry and leave			



Stand	d Level 4 Cover Type			Size Density		Acres	Stand Age	BA Range	Managed Site		General Comments
30	42220 - Nat			Sapling V		55.5	25	Immature	N/A		Thick Jack Pine regen stand was previously scarrified and seeded. Aspen is is scattered clones.
	Canopy Species		Size Class	DBH A	Age						
	Quaking Aspen	6	Sapling	3							
	Jack Pine	94	Sapling	3	25						
31	42290 - Natu	ural Mixed I	Pine	Poletimber	Well	19.0	47	111-140	N/A		Quality of Red Pine is questionable, short squatty. May want to consider harvesting next rotation scarrifying and seeding to Jack Pine. This would
	Canopy Species	% Cover	Size Class	DBH A	Age	Cano	py Species	Density	Avg. Height	Size	give good age class distribution with surrounding stand.
	Paper Birch	7	Pole	6			te Spruce	Low	5 - 10 feet	Sapling	
	White Pine	10	Pole	8		Wh	nite Pine	Low	5 - 10 feet	Sapling	
	Red Pine	30	Pole/Log	10		Ja	ck Pine	Low	5 - 10 feet	Sapling	
	Jack Pine	50	Pole	6	47						
32	4132 - Asp	en, Jack Pi	ne	Sapling Me	edium	11.4	5	Immature	N/A		Stand was cut in 2014.
	Canopy Species	% Cover	Size Class	DBH A	Age						
	Quaking Aspen	50	Sapling	1	5						
	Bigtooth Aspen	25	Sapling	1							
	Jack Pine	25	Sapling	1							
33	42110 - Pla			Poletimber		39.3	35	111-140	N/A		3rd row thin next rotation. Onlky 2 sticks at this time.
33	42110 - Pla Canopy Species		ine Size Class	Poletimber		39.3	35	111-140	N/A		3rd row thin next rotation. Onlky 2 sticks at this time.
33				DBH A		39.3	35	111-140	N/A		3rd row thin next rotation. Onlky 2 sticks at this time.
33	Canopy Species	% Cover 95	Size Class Sapling/Pole	DBH A	Age 35	7.0	35 42	111-140 Unspecified	N/A		Overall stand quality is good. Hold and harvest when adjacent RP is
	Canopy Species Red Pine	% Cover 95 tural Jack F	Size Class Sapling/Pole	DBH A	Age 35 Medium	7.0				Size	·
34	Canopy Species Red Pine 42220 - Nat	% Cover 95 tural Jack F	Size Class Sapling/Pole	DBH A e 6 oletimber N	Age 35 Medium	7.0 Cano	42	Unspecified	N/A	Size Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is
34	Canopy Species Red Pine 42220 - Nat Canopy Species	% Cover 95 tural Jack F	Size Class Sapling/Pole Pine Pe	DBH A	Age 35 Medium	7.0 Cano	42 py Species	Unspecified Density	N/A Avg. Height		Overall stand quality is good. Hold and harvest when adjacent RP is thinned.
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural	% Cover	Size Class Sapling/Pole Pine Pole Size Class Pole Pole	DBH A	Age 35 Medium Age 42	7.0 Cano	42 py Species ed Pine	Unspecified Density Low	N/A Avg. Height 5 - 10 feet	Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, siduous	Size Class Sapling/Pole Pine Pole Size Class Pole Pole	DBH A coletimber N DBH A 6 8	Age 35 Medium Age 42 Medium	7.0 Cano Re Nat	42 py Species ed Pine nnyberry	Unspecified Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy, ground covering is
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, siduous	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Mixed Pole	DBH A e 6 coletimber N DBH A 6 8	Age 35 Medium Age 42 Medium	7.0 Cano Re Nat	42 py Species ed Pine nnyberry 49	Unspecified Density Low Low 1-50	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A	Sapling Tall Shrub	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, iduous % Cover	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Mixed Pole Size Class	DBH A coletimber N DBH A coletimber N DBH A coletimber N DBH A	Age 35 Medium Age 42 Medium	7.0 Cano Re Nat	42 py Species ed Pine nnyberry 49 py Species	Unspecified Density Low Low 1-50 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Tall Shrub	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species Quaking Aspen Jack Pine 4112 - Maple	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, iduous % Cover 36 60	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Mixed Pole Size Class Pole Pole	DBH A coletimber N DBH A coletimber N DBH A coletimber N DBH A	Age 35 Medium Age 42 Medium 49	7.0 Cano Re Nat	42 py Species ed Pine nnyberry 49 py Species d Maple	Unspecified Density Low Low 1-50 Density Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet	Sapling Tall Shrub Size Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Thinned entry before last and then lost beech componenet. Basal area i ok for now. Leave until recovers from beech dropping out and increases.
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species Quaking Aspen Jack Pine 4112 - Maple	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, ciduous % Cover 36 60 , Beech, Chociation	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Mixed Pole Size Class Pole Pole	DBH A coletimber N DBH A coletimber N DBH A coletimber N DBH A coletimber N	Age 35 Medium Age 42 Medium 449 Well	7.0 Cano Re Nat 12.4 Cano Re Ja 21.8	42 py Species ed Pine nnyberry 49 py Species d Maple ck Pine	Unspecified Density Low Low 1-50 Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet	Sapling Tall Shrub Size Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand.
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species Quaking Aspen Jack Pine 4112 - Maple Asso	% Cover 95 tural Jack F % Cover 10 85 Jack Pine, ciduous % Cover 36 60 , Beech, Chociation	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Size Class Pole Pole Size Class Pole Pole Fine Pole Fine Pole Fine Pole Fine Pole Fine Pole Fine Pole	DBH A coletimber N Coletimber N DBH A coletimber N Co	Age 35 Medium Age 42 Medium 449 Well	7.0 Cano Re Nat 12.4 Cano Re Ja 21.8 Cano	42 py Species ed Pine nnyberry 49 py Species d Maple ck Pine 92	Unspecified Density Low Low 1-50 Density Low Low 81-110	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A	Sapling Tall Shrub Size Sapling Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Thinned entry before last and then lost beech componenet. Basal area in ok for now. Leave until recovers from beech dropping out and increases.
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species Quaking Aspen Jack Pine 4112 - Maple Asso Canopy Species	% Cover 95 tural Jack P % Cover 10 85 Jack Pine, siduous % Cover 36 60 , Beech, Chociation % Cover	Size Class Sapling/Pole Pine Pole Pole Mixed Pole Size Class Pole Pole Pole Pole Pole Size Class	DBH A coletimber N co	Age 35 Medium Age 42 Medium 449 Well	7.0 Cano Re Nat 12.4 Cano Re Ja 21.8 Cano Sug	42 py Species ed Pine nnyberry 49 py Species d Maple ck Pine 92 py Species	Unspecified Density Low 1-50 Density Low Low 81-110 Density	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height	Sapling Tall Shrub Size Sapling Sapling Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Thinned entry before last and then lost beech componenet. Basal area i ok for now. Leave until recovers from beech dropping out and increases.
34	Canopy Species Red Pine 42220 - Nat Canopy Species Quaking Aspen Jack Pine 42221 - Natural Dec Canopy Species Quaking Aspen Jack Pine 4112 - Maple Asso Canopy Species Sugar Maple	% Cover 95 tural Jack P % Cover 10 85 Jack Pine, siduous % Cover 36 60 , Beech, Chociation % Cover	Size Class Sapling/Pole Pine Pole Size Class Pole Pole Mixed Pole Size Class Pole Pole Size Class Pole Pole Log/Pole	DBH A coletimber N co	Age 35 Medium 42 Medium 49 Well Age	7.0 Cano Re Nat 12.4 Cano Re Ja 21.8 Cano Sug Re	42 py Species ed Pine nnyberry 49 py Species d Maple ck Pine 92 py Species ar Maple	Unspecified Density Low 1-50 Density Low Low 81-110 Density Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet N/A Avg. Height 5 - 10 feet	Sapling Tall Shrub Size Sapling Sapling Size Sapling	Overall stand quality is good. Hold and harvest when adjacent RP is thinned. Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Thinned entry before last and then lost beech componenet. Basal area is ok for now. Leave until recovers from beech dropping out and increases



Stand	Level 4 Cover Type			Size Der	sity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
37	4119 - Mixed No	orthern Hard	dwoods	Sawtimbe	r Well	11.2	82	51-80	N/A		Hold for next entry or beyond. Basal area is good, as is after beech has dropped out.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	dropped out.
	Sugar Maple	13	Log/Pole	12			Beech	Medium	10 - 20 feet	Sapling	
	Red Maple	60	Log/Pole	12	82	Ва	ılsam Fir	High	10 - 20 feet	Sapling	
	Paper Birch	15	Log/Pole	12							
38	4136 - Asper	, Mixed Co	nifer	Sapling	Poor	18.8	5	Immature	N/A		Regeneration after harvest last entry.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	70	Sapling	1	5						
	Bigtooth Aspen	10	Sapling	1							
	Balsam Fir	15	Sapling	1							
39	330 - Low-l	Density Tre	es	Nonsto	cked	2.8		Unspecified	No		
40	429 - Mixed l	Jpland Con	ifers	Sawtimbe	r Well	26.2	127	171-200	N/A		This is a very unique site supporting a high concentration of mature
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	Hemlock. The topography is pit & mound with standing water in some of the pits. Recommend to leave this stand in its current condition (Derek
	Red Maple	15	Pole/Log	10		Re	ed Maple	Low	10 - 20 feet	Sapling	Cross). Agree with Derek, unique stand, leave it alone.
	Yellow Birch	8	Pole	8		Yel	low Birch	Low	10 - 20 feet	Sapling	
	Paper Birch	10	Pole/Log	10		Ва	ılsam Fir	Medium	< 5 feet	Sapling	
No	orthern White Cedar	6	Pole	6		Н	lemlock	Low	< 5 feet	Sapling	
	White Pine	8	Log/Pole	20				1			
	Hemlock	50	Log	16	127						
41	6124 - Lowla	and Spruce	-Fir	Sawtimbe	r Well	110.0	125	141-170	N/A		This stand follows the course of the Brevort River. The rivers edge is
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	choked with Tag Alder and has a swampy edge in some places, Cedar is mostly contained in this area. The remaining species in this stand radiate
	Red Maple	10	Log	12		Ва	lsam Fir	High	10 - 20 feet	Sapling	outward from the river as you migrate up the slope, with less moisture
	Balsam Fir	25	Pole	8				1		1	tolerant species on the higher ground. This stand should be left as is
	White Spruce	30	Log	14	125						for wildlife and river protection.
No	orthern White Cedar	10	Pole/Log	10							
42	42110 - Pla	nted Red P	ine	Poletimbe	er Well	21.2	56	111-140	N/A		Jack and white pine sparse but present. Diamters are still quite small,
	Canopy Species	% Cover	Size Class	DBH	Age						resulting in Basal area still on lower end. Check in 10 years to for second thin.
	Red Pine	96	Pole	7	56						
43	4119 - Mixed No	rthern Hard	dwoods	Sawtimbe	r Well	18.0	88	51-80	N/A		Stand was thinned entry before last and beech has died out since. Some
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	larger diameter trees, but lower on basal area. Hold off on any treatments until basl area recovers after beech dropped out.
	Sugar Maple	35	Log/Pole	12	88	Suç	gar Maple	Low	5 - 10 feet	Sapling	
	Red Maple	30	Log/Pole	11		Re	ed Maple	Low	5 - 10 feet	Sapling	
	Paper Birch	15	Log/Pole	12			Beech	High	5 - 10 feet	Sapling	
	Bigtooth Aspen	10	Log/Pole	14		Ва	ılsam Fir	Medium	5 - 10 feet	Sapling	
						Servicebe	erry (Juneber	ry) Low	10 - 20 feet	Sapling	



Stand	d Level 4 Cover Type			Size Density		Stand Age	BA Range	Managed Site		General Comments	
44	4130	- Aspen		Sapling Well	31.6	5	Immature	N/A		Cut in 2014. Good looking aspen regeneration. Too thick to snowmobile	
	Canopy Species	% Cover	Size Class	DBH Age						through.	
	Quaking Aspen	80	Sapling	1 5							
	Paper Birch	10	Sapling	1							
45	6129 - Mixed Co Fo	oniferous Lo orest	wland Po	letimber Medium	21.2	75	81-110	N/A		Black Spruce Bog old Trees small poor Quality Standing H2O	
	Canopy Species	% Cover	Size Class	DBH Age	Cano	py Species	Density	Avg. Height	Size		
	White Spruce	10	Sapling/Pole	6	Lab	rador Tea	Full	Variable	Tall Shrub		
	Black Spruce	30	Pole/Sapling	6						•	
	Tamarack	40	Sapling/Pole	6 75							
	White Pine	10	Sapling/Pole	6							
	Jack Pine	10	Sapling/Pole	8							
46	4310 - Pi	ne, Oak Mix	C Po	letimber Medium	12.9	84	51-80	N/A		Mixed stand of Oak and White pine. Regen is coming in good	
	Canopy Species	% Cover	Size Class	DBH Age	Cano	py Species	Density	Avg. Height	Size	underneath, mostly Aspen and Red maple some Pine.	
	Red Oak	45	Log/Pole	12	Re	ed Maple	Medium	5 - 10 feet	Sapling		
	White Pine	50	Pole/Log	10 84		Beech	Low	< 5 feet	Sapling		
					F	Red Oak	Low	< 5 feet	Sapling		
					Qua	king Aspen	High	5 - 10 feet	Sapling		
					W	hite Pine	Low	5 - 10 feet	Sapling		
47	4112 - Maple, Asso	Beech, Ch	erry F	Poletimber Well	15.0	35	51-80	N/A		Smaller diameter, even aged hardwood stand. No treatment at this time.	
	Canopy Species	% Cover	Size Class	DBH Age	Cano	py Species	Density	Avg. Height	Size		
	Sugar Maple	20	Pole/Sapling	5	Re	ed Maple	Medium	5 - 10 feet	Sapling		
	Red Maple	65	Pole/Sapling	6 35	Ва	alsam Fir	High	5 - 10 feet	Sapling		
48	320 - Up	land Shrub		Nonstocked	6.0		Unspecified	No			
49	42110 - Pla			Poletimber Well	13.7	37	141-170	N/A			
	Canopy Species		Size Class	DBH Age							
	Red Pine	98	Pole	8 37							



e Size Density Acres Stand Age BA Range Managed Site Gene	General Comments
	e beginning to drop out. mostly open grown
	Aspen is good in some of the middle of I leave the white pine and some birch.
Pole 8 Red Maple Medium 5 - 10 feet Sapling	
Pole 8 72 Balsam Fir Medium 5 - 10 feet Sapling	
Pole 9 45 White Spruce Low 5 - 10 feet Sapling	
Pole 6 White Pine Medium 5 - 10 feet Sapling	
Pole 8	
Log/Pole 11	
Pine Poletimber Well 7.2 35 141-170 N/A 3-4 stick RP. Ready for 3rd r	row thin.
er Size Class DBH Age	
Pole 8 35	
	I in this stands. Stand follows a ridge top that
	asin. Red maple and birch mostly. Poor a overall with lots of forked smaller diameter
Pole/Log 10 61 Balsam Fir Medium 10 - 20 feet Sapling trees. No treatment for now.	
Log/Pole 10	
Sapling Well 5.5 5 Immature N/A	
er Size Class DBH Age	
Sapling 1 5	
Deciduous Sapling Well 30.7 26 Immature N/A	
er Size Class DBH Age	
Sapling 3 26	
Sapling 3	
rees Nonstocked 11.1 Unspecified No Some mixed conifer and cher	rry in opening.
rees Nonstocked 8.8 Unspecified No	
enland Nonstocked 21.5 Unspecified No	

Sault Ste. Marie Mgt. Unit



Stanc	d Level 4 Cover Type			Size De	nsity	Acres	Stand Age	BA Range	Managed S	ite	General Comments
58	4130	- Aspen		Sapling Well		22.2	24	Unspecified	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Quaking Aspen	40	Sapling	2	24	Ва	ılsam Fir	Low	5 - 10 feet	Sapling	
	Bigtooth Aspen	30	Sapling	3							
	Black Cherry	25	Sapling	3							
59	42110 - Pla	nted Red Pi	ne	Poletimb	er Well	6.5	37	111-140	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Pine	98	Pole	7	37						
60	4199 - Other Mixe	d Upland D	eciduous	Poletimb	er Well	20.6	50	81-110	N/A		Pole stand of mostly oak with some maple and other mixed deciduous.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	35	Pole	8		Re	ed Maple	Medium	10 - 20 feet	Sapling	
	Red Oak	50	Pole	9	50		Beech	Low	5 - 10 feet	Sapling	
				,		W	hite Pine	Low	10 - 20 feet	Sapling	
61	4112 - Maple, Asso	Beech, Ch ociation	erry	Sawtimb	er Well	27.7	88	51-80	N/A		A little Oak scattered. Lower basal area after beech has dropped out.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	
	Sugar Maple	45	Log/Pole	10	88	Suç	gar Maple	Low	5 - 10 feet	Sapling	
	Red Maple	35	Pole	6		Re	ed Maple	Medium	5 - 10 feet	Sapling	
	Yellow Birch	10	Pole/Log	8			Beech	Medium	5 - 10 feet	Sapling	
				'		Ва	ılsam Fir	Low	5 - 10 feet	Sapling	
62	4119 - Mixed No	orthern Hard	lwoods	Sawtimb	er Well	7.9	84	81-110	N/A		Hardwood mixed with alot of conifer and aspen. Not much in large diameter classes. Leave and consider a selct cut next entry.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	diameter classes. Leave and consider a select cut next entry.
	Red Maple	60	Log/Pole	10	84	Re	ed Maple	Low	5 - 10 feet	Sapling	
	Paper Birch	10	Log/Pole	10			Beech	Low	10 - 20 feet	Sapling	
	Quaking Aspen	15	Pole/Log	8		Ва	llsam Fir	Low	10 - 20 feet	Sapling	
	White Spruce	10	Log/Pole	10							
				•							
63	· · · · · · · · · · · · · · · · · · ·	- Aspen		Sapling N	/ledium	13.7	5	Immature	N/A		Decent aspen regeneration after harvest last entry.
63	· · · · · · · · · · · · · · · · · · ·		Size Class		/ledium	13.7	5	Immature	N/A		Decent aspen regeneration after harvest last entry.
63	4130					13.7	5	Immature	N/A		Decent aspen regeneration after harvest last entry.
63	4130 Canopy Species	% Cover	Size Class	DBH	Age	13.7	5	Immature	N/A		Decent aspen regeneration after harvest last entry.



Stand	Level 4 Co	over Type		Size Density Poletimber Well		Acres	Stand Age	BA Range	Managed Site N/A		General Comments Wet, standing h2o throughout.
64	6132 - Mixed Lowland Forest with Cedar		est with F			12.8	39	81-110			
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	
	Red Maple	20	Log/Pole	12		Ва	lsam Fir	High	10 - 20 feet	Sapling	
	Yellow Birch	20	Log/Pole	12		Bla	ack Ash	Low	5 - 10 feet	Sapling	
	Balsam Fir	25	Pole	7	39						
No	rthern White Cedar	24	Pole	9							
	Hemlock	6	Log/Pole	14							
65	4119 - Mixed No	rthern Hard	dwoods §	Sawtimb	er Well	56.9	80	51-80	N/A		Thinned 20 years ago and beech has died and dropped out. Overall lower ba. Hold for the next 10 years at least.
	Canopy Species	% Cover	Size Class	DBH	l Age	Cano	py Species	Density	Avg. Height	Size	lower ba. Hold for the flext to years at least.
	Sugar Maple	30	Log/Pole	12	88	Sug	ar Maple	Low	5 - 10 feet	Sapling	
	Red Maple	45	Log/Pole	12	80	Re	d Maple	Low	5 - 10 feet	Sapling	
	Paper Birch	15	Log/Pole	12		I	Beech	High	5 - 10 feet	Sapling	
						Ва	lsam Fir	Medium	5 - 10 feet	Sapling	
66	4112 - Maple,	Beech, Ch	nerry F	Poletimb	er Well	7.1	35	51-80	N/A		Smaller diameter, even aged hardwood stand. No treatment at this time.
	ASSU	Ciation									
	Canopy Species	% Cover	Size Class	DBH	I Age	Cano	py Species	Density	Avg. Height	Size	
			Size Class Pole/Sapling		I Age		py Species d Maple	Density Medium	Avg. Height 5 - 10 feet	Size Sapling	
	Canopy Species	% Cover		5	Age 35	Re					
67	Canopy Species Sugar Maple	% Cover 20 65	Pole/Sapling Pole/Sapling	5	35	Re	d Maple	Medium	5 - 10 feet	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of
67	Canopy Species Sugar Maple Red Maple	% Cover 20 65	Pole/Sapling Pole/Sapling - Aspen	5 6 Sapling	35	Re Ba	d Maple Isam Fir	Medium High	5 - 10 feet 5 - 10 feet	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point.
67	Canopy Species Sugar Maple Red Maple 4116 - Mixed N.	% Cover 20 65	Pole/Sapling Pole/Sapling - Aspen	5 6 Sapling	35 Poor	Re Ba	d Maple Isam Fir	Medium High	5 - 10 feet 5 - 10 feet	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point.
67	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. Canopy Species	% Cover 20 65 Hardwood % Cover	Pole/Sapling Pole/Sapling - Aspen Size Class	5 6 Sapling	35 Poor	Re Ba	d Maple Isam Fir	Medium High	5 - 10 feet 5 - 10 feet	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point.
67	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. Canopy Species Quaking Aspen	% Cover 20 65 Hardwood 60 60	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling	Sapling DBH	35 Poor Age	Re Ba	d Maple Isam Fir	Medium High	5 - 10 feet 5 - 10 feet	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point.
	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. Canopy Species Quaking Aspen Black Cherry	% Cover 20 65 Hardwood 60 60 eous Open	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling	5 Sapling DBH 3 3	35 Poor Age 22	Re Ba 16.1	d Maple Isam Fir	Medium High	5 - 10 feet 5 - 10 feet N/A	Sapling	Mostly cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point. This site was an old airstrip.
68	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. I Canopy Species Quaking Aspen Black Cherry 310 - Herbace 3105 - Mixed Up	% Cover 20 65 Hardwood 60 60 eous Open	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling Iand	Sapling DBH 3 3 Nonsto	35 Poor Age 22 Pocked	16.1 31.4	d Maple Isam Fir	Medium High 1-50 Unspecified	5 - 10 feet 5 - 10 feet N/A	Sapling	aspen clones. area appears to have been harvested at one point. This site was an old airstrip. Mostly mature aspen with scattered hdwds. Stand includes some open
68	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. I Canopy Species Quaking Aspen Black Cherry 310 - Herbace 3105 - Mixed Up	% Cover 20 65 Hardwood % Cover 30 60 eous Open	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling land aceous	Sapling DBH 3 Nonsto	35 Poor Age 22 Pocked	16.1 31.4 5.1 26.5	d Maple Isam Fir 22	Medium High 1-50 Unspecified Unspecified	5 - 10 feet 5 - 10 feet N/A No	Sapling	aspen clones. area appears to have been harvested at one point. This site was an old airstrip. Mostly mature aspen with scattered hdwds. Stand includes some open areas. Harvest leaving most if not all of the white pine. Good looking
68	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. I Canopy Species Quaking Aspen Black Cherry 310 - Herbace 3105 - Mixed Up	% Cover 20 65 Hardwood % Cover 30 60 eous Open bland Herba	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling land aceous	Sapling DBH 3 Nonsto	35 Poor Age 22 Pocked Pocked	31.4 5.1 26.5 Cano	d Maple Isam Fir 22	Medium High 1-50 Unspecified Unspecified 111-140	5 - 10 feet 5 - 10 feet N/A No No	Sapling Sapling	aspen clones. area appears to have been harvested at one point. This site was an old airstrip. Mostly mature aspen with scattered hdwds. Stand includes some open
68	Canopy Species Sugar Maple Red Maple 4116 - Mixed N. I Canopy Species Quaking Aspen Black Cherry 310 - Herback 3105 - Mixed Up	% Cover 20 65 Hardwood % Cover 30 60 eous Open bland Herba - Aspen % Cover	Pole/Sapling Pole/Sapling - Aspen Size Class Sapling Sapling land aceous	Sapling DBH 3 3 Nonsto Nonsto Poletimb DBH	35 Poor Age 22 Pocked Pocked	31.4 5.1 26.5 Cano	d Maple Isam Fir 22 57 py Species	Medium High 1-50 Unspecified Unspecified 111-140 Density	5 - 10 feet 5 - 10 feet N/A No No No N/A Avg. Height	Sapling Sapling	aspen clones. area appears to have been harvested at one point. This site was an old airstrip. Mostly mature aspen with scattered hdwds. Stand includes some open areas. Harvest leaving most if not all of the white pine. Good looking



	71 6132 - Mixed Lowland Forest with Cedar		Level 4 Cover Type		Size Density	Acres Stand Age	BA Range	Managed Site		General Comments
71			est with P	Poletimber Well	14.7 39	81-110	N/A		Wet, standing h2o throughout.	
	Canopy Species	% Cover	Size Class	DBH Age	Canopy Species	Density	Avg. Height	Size		
	Red Maple	20	Log/Pole	12	Balsam Fir	High	10 - 20 feet	Sapling		
	Yellow Birch	20	Log/Pole	12	Black Ash	Low	5 - 10 feet	Sapling		
	Balsam Fir	25	Pole	7 39					•	
Nor	thern White Cedar	24	Pole	9						
	Hemlock	6	Log/Pole	14						
72	42340 - Upla	and Spruce	e/Fir P	Poletimber Well	24.5 44	Unspecified	N/A		Several patches of Labrador tea mostly Moss on Ground, nice natural	
	Canopy Species	% Cover	Size Class	DBH Age	Canopy Species	Density	Avg. Height	Size	spruce stand keep an eye on. some low areas but very little standing water. Still small diameters this entry. Kepp checking every ten years.	
	Paper Birch	10	Pole/Log	8	Balsam Fir	Low	< 5 feet	Sapling	White pine in areas with higher ground.	
	Quaking Aspen	10	Pole	6	White Spruce	Medium	5 - 10 feet	Sapling		
	Balsam Fir	7	Pole	6	White Pine	Low	5 - 10 feet	Sapling		
	Black Spruce	50	Pole	6 44					•	
	White Pine	16	Log	14						
	240 Harles	_								
73	310 - Herbac	eous Open	lland	Nonstocked	6.4 0	Unspecified	Managed Op	ening	Mostly open grown jack pine with scrubby cheryy. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand.	
73	6128 - Lowland (Nonstocked Poletimber Well	7.3 44	Unspecified 81-110	Managed Op	pening	mainly reindeer moss, wintergreen and trailing arbutus. There are also a	
74	6128 - Lowland (Coniferous,				81-110		Size	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland (Coniferous,	, Mixed F	Poletimber Well	7.3 44	81-110	N/A		mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland of Deci	Coniferous, iduous % Cover	, Mixed F	DBH Age	7.3 44 Canopy Species	81-110 Density	N/A Avg. Height	Size	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland of Deci Canopy Species Red Maple	Coniferous, iduous Cover	, Mixed P Size Class Pole	DBH Age	7.3 44 Canopy Species Sugar Maple	81-110 Density Low	N/A Avg. Height 5 - 10 feet	Size Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland of Deci Canopy Species Red Maple Balsam Fir	Coniferous, iduous **Cover** 20 35	, Mixed P Size Class Pole Pole/Sapling	DBH Age 7 7 44	7.3 44 Canopy Species Sugar Maple Balsam Fir	81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland of Decises Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Upla	Coniferous, iduous % Cover 20 35 25 10	Size Class Pole Pole/Sapling Pole Pole	DBH Age 7 7 44 8	7.3 44 Canopy Species Sugar Maple Balsam Fir	81-110 Density Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline	
74	6128 - Lowland of Decises Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Upla	Coniferous, iduous % Cover 20 35 25 10 and Deciduonifer	Size Class Pole Pole/Sapling Pole Pole	DBH Age 7 44 8 6	7.3 44 Canopy Species Sugar Maple Balsam Fir Black Cherry	81-110 Density Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline is cat tails and very wet also.	
74	6128 - Lowland of Deci Canopy Species Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Upla	Coniferous, iduous % Cover 20 35 25 10 and Deciduonifer	Size Class Pole Pole/Sapling Pole Pole Ous with	DBH Age 7 44 8 6 Poletimber Well DBH Age	7.3 44 Canopy Species Sugar Maple Balsam Fir Black Cherry	81-110 Density Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline is cat tails and very wet also.	
74	6128 - Lowland of Decision Canopy Species Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Upla	Coniferous, iduous Cover 20 35 25 10 and Deciduonifer Cover	Size Class Pole Pole/Sapling Pole Pole Ous with Size Class	DBH Age 7 44 8 6 Poletimber Well DBH Age	7.3 44 Canopy Species Sugar Maple Balsam Fir Black Cherry	81-110 Density Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline is cat tails and very wet also.	
74	6128 - Lowland of Decider Canopy Species Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Uplat Co Canopy Species Red Maple	Coniferous, iduous Cover 20 35 25 10 and Deciduonifer Cover 40	Size Class Pole Pole/Sapling Pole Pole Ous with Size Class Pole/Sapling	Poletimber Well DBH Age	7.3 44 Canopy Species Sugar Maple Balsam Fir Black Cherry	81-110 Density Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline is cat tails and very wet also.	
74 Nor	6128 - Lowland of Decision Canopy Species Red Maple Balsam Fir thern White Cedar Balsam Poplar 4191 - Mixed Upla Co Canopy Species Red Maple Paper Birch	Coniferous, iduous Cover 20 35 25 10 and Deciduonifer Cover 40 15	Size Class Pole Pole/Sapling Pole Pole Ous with Size Class Pole/Sapling Pole	Poletimber Well DBH Age	7.3 44 Canopy Species Sugar Maple Balsam Fir Black Cherry	81-110 Density Low Low Low Low	N/A Avg. Height 5 - 10 feet 5 - 10 feet 10 - 20 feet	Size Sapling Sapling	mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand. Lowland conifer with standing water pockets in areas. Adjacent pipeline is cat tails and very wet also.	



Stand	Level 4 Cover Type			Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments										
76	4191 - Mixed Upland Deciduous with Conifer		ous with	Poletimber Well		Poletimber Well		Poletimber Well		Poletimber Well		Poletimber Well		Poletimber Well		5.7	77	51-80	N/A		Red Oak in the stand. Smaller diameters at thsi time. Check it in the future and look to promte the oak.
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size											
	Sugar Maple	10	Pole	10		Re	d Maple	Medium	5 - 10 feet	Sapling											
	Red Maple	25	Pole	8	77	Bigto	oth Aspen	Medium	5 - 10 feet	Sapling											
	Red Oak	25	Log/Pole	10		Ва	lsam Fir	High	5 - 10 feet	Sapling											
	Bigtooth Aspen	20	Pole	8																	
	White Pine	15	Pole	8																	
77	42290 - Natu	ural Mixed F	Pine	Sawtimbe	er Well	8.4	60	81-110	N/A		Smaller stand of white pine with mix of jack pine and some lowland										
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	conifer in places. It is quite variable in volume as is surrounding larger stand. Harvest the stand leaving the white pine.										
	Paper Birch	10	Pole/Log	8		Ва	lsam Fir	Low	< 5 feet	Sapling	Status. The root the status fourthly the write pine.										
	White Pine	35	Log/Pole	11	60	Whi	te Spruce	Medium	5 - 10 feet	Sapling											
	Jack Pine	35	Pole	8		WI	nite Pine	Low	5 - 10 feet	Sapling											
78	42320 - U _l	oland Sprud	e P	oletimber	Medium	5.9	35	1-50	N/A		Edge of larger mxed lowland conifer stand. Small diameters and som upland openings. Wet pockets.										
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	upland openings. Wet pockets.										
	Jack Pine	15	Sapling/Pol	e 4		Re	d Maple	Low	5 - 10 feet	Sapling											
	White Spruce	60	Sapling/Pol	e 4	35	Ja	ck Pine	Low	5 - 10 feet	Sapling											
	Balsam Fir	15	Sapling/Pol	e 4		Na	nnyberry	Low	5 - 10 feet	Tall Shrub											
79	4119 - Mixed No	orthern Hard	dwoods	Sawtimbe	er Well	9.9	84	81-110	N/A		Hardwood mixed with alot of conifer and aspen. Hold for next entry										
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	before considering a select cut.										
	Red Maple	60	Log/Pole	10	84	Ва	lsam Fir	Low	5 - 10 feet	Sapling											
	Quaking Aspen	15	Pole	8																	
	Paper Birch	10	Log/Pole	10																	
	White Spruce	10	Log/Pole	10																	
80	4191 - Mixed Upland Deciduous with Sa			Sawtimbe	er Well	4.2	76	81-110	N/A		Stand has lost its beech component since the last time it was thinned. More mixed to the east part of the stand. Lots of brush regenerationar										
	Canopy Species	% Cover	Size Class	DBH	Age	Cano	py Species	Density	Avg. Height	Size	lower ba in most of the stand. Check again in the future entries for potential.										
	Sugar Maple	10	Log/Pole	10		I	Beech	Medium	10 - 20 feet	Sapling	F										
	Red Maple	45	Log/Pole	10	76	Ва	lsam Fir	Medium	5 - 10 feet	Sapling											
	Paper Birch	10	Pole	9																	
	Hemlock	20	Log/Pole	12																	