

## **Compartment Review Presentation**

Sault Ste. Marie Forest Management Unit

Compartment 45164
Entry Year 2027
Acreage: 1,813
County: Mackinac

Management Area: St. Ignace Lake Plain

Stand Examiner: Cody Flatt

#### **Legal Description:**

T43N-R8W Sections 6 & 7, Hudson Township; T43N-R9W Sections 1 & 12, Garfield Township; & T44N-R9W Section 36, Garfield Township.

### **Identified Planning Goals:**

Compartment 164 is located northeast of Naubinway on Hiawatha Trail (H-40) and is just east of Gilchrist. Achieving multi age class distribution across the compartment in the aspen/birch cover types will benefit certain wildlife values as well as sustainable fiber production. Due to the large amount of rivers and streams Best Management Practices will be followed to maintain the riparian areas, especially in the Black River corridor.

#### Soil and topography:

The hardwood and pine sites that occur in the southern portion of the compartment are on level to rolling dunes of outwash and lake planes. These sites are made up of Wallace-Alcona complex and Wallace sand. The aspen and birch types within the compartment occur on depressions and nearly level areas on outwash plains and lake plains. Moltke loam and Spot-Finch complex are the most common soil in these areas.

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

The compartment borders other state land to the south and the west. The north and east side of the compartment borders numerous small, non-residential, land owners.

#### **Unique Natural Features:**

The compartment has the potential to have various threatened and endangered species.

#### **Archeological, Historical, and Cultural Features:**

Evidence of old dams used for floating logs on the Black River.

#### **Special Management Designations or Considerations:**

In the riparian zones the BMP guidelines will be applied.

#### **Watershed and Fisheries Considerations:**

This compartment contains Bark Creek, Silver Creek, and the Black River. Bark Creek, Silver Creek, and the Black River are all designated Type 1 trout streams less than 50-ft wide and have predicted mean July water temperatures that range from 58.1 to 62.6°F (cold streams). 300-foot buffers are recommended for Bark Creek, Silver Creek, and the Black River in riparian areas susceptible to Aspen regeneration. For areas not susceptible to Aspen regeneration, a minimum 100-foot, plus 5 feet per 1% increase in slope, buffer is recommended to protect these resources in accordance with Best Management Practices.

#### Wildlife Habitat Considerations:

This compartment is in the St. Ignace Lake Plain Management Area where featured wildlife species include American marten, American woodcock, black bear, blackburnian warbler, black-throated blue warbler, ruffed grouse, sharp-tailed grouse, snowshoe hare, and white-tailed deer. Pre-settlement vegetation in the compartment included an assemblage of tree species includes hemlock, white birch, yellow birch, sugar maple, black ash, aspen, elm, red maple, and cedar. Lowlands also contained spruce and tamarack. Aspen appears to be more prevalent in today's forest than during presettlement times. Mixed hardwood/conifer stands appear to be less prevalent. Many aspen stands are relatively immature, but there are varying ages between many stands. This provides habitat for ruffed grouse, snowshoe hare, deer, and a variety of other species. Most stands will be left to mature during this entry. Streams, riparian areas, and wetlands will be protected.

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

No known potential exists for commercial oil & gas production in this part of the state, and there is no known potential for economic production of metallic minerals in this area. Multiple active, State-owned aggregate pits exist just over two miles northeast of the compartment; two are currently leased to the country road commission. Bedrock is also at or near the surface across the area, consisting of high-purity limestone/dolostone and less desirable (higher silica content) dolostone.

A large area less than two miles northeast of the compartment was part of the land transaction completed with Graymont in 2014 for future development of an underground mine to extract high-purity limestone. There is similar potential for high-purity limestone beneath the compartment, but the prevalence of wetlands within the compartment would inhibit large-scale surface mining, and it is unlikely Graymont's underground mine, if ever developed, will expand to this area. There may be some potential for development of minor amounts of sand & gravel on the uplands.

#### **Vehicle Access:**

The overall access to the compartment is quite limited do to the ground conditions and the Canadian National Rail Road. Hiawatha Trail (H-40) (paved county road) and Black River Road (gravel county road) provide the main access to the southern portion of the compartment with good logging roads to provide additional access. The far northern portion of the compartment has to be accessed through a private road off the North Black River Rd, permission is required. The northwest portion of the compartment can be accessed through a logging road off the Cranberry Lake Road.

### **Survey Needs:**

None

## **Recreational Facilities and Opportunities:**

The Black River provides the public with excellent trout fishing during the summer months. The woods roads provide access for all types of hunting and camping.

#### **Fire Protection:**

The southern portion of the compartment is drier and is used more heavily by the public and therefore; has a higher potential for ignition. The northern half has limited access and has a deeper organic layer to burn into.

#### **Additional Compartment Information:**

None.

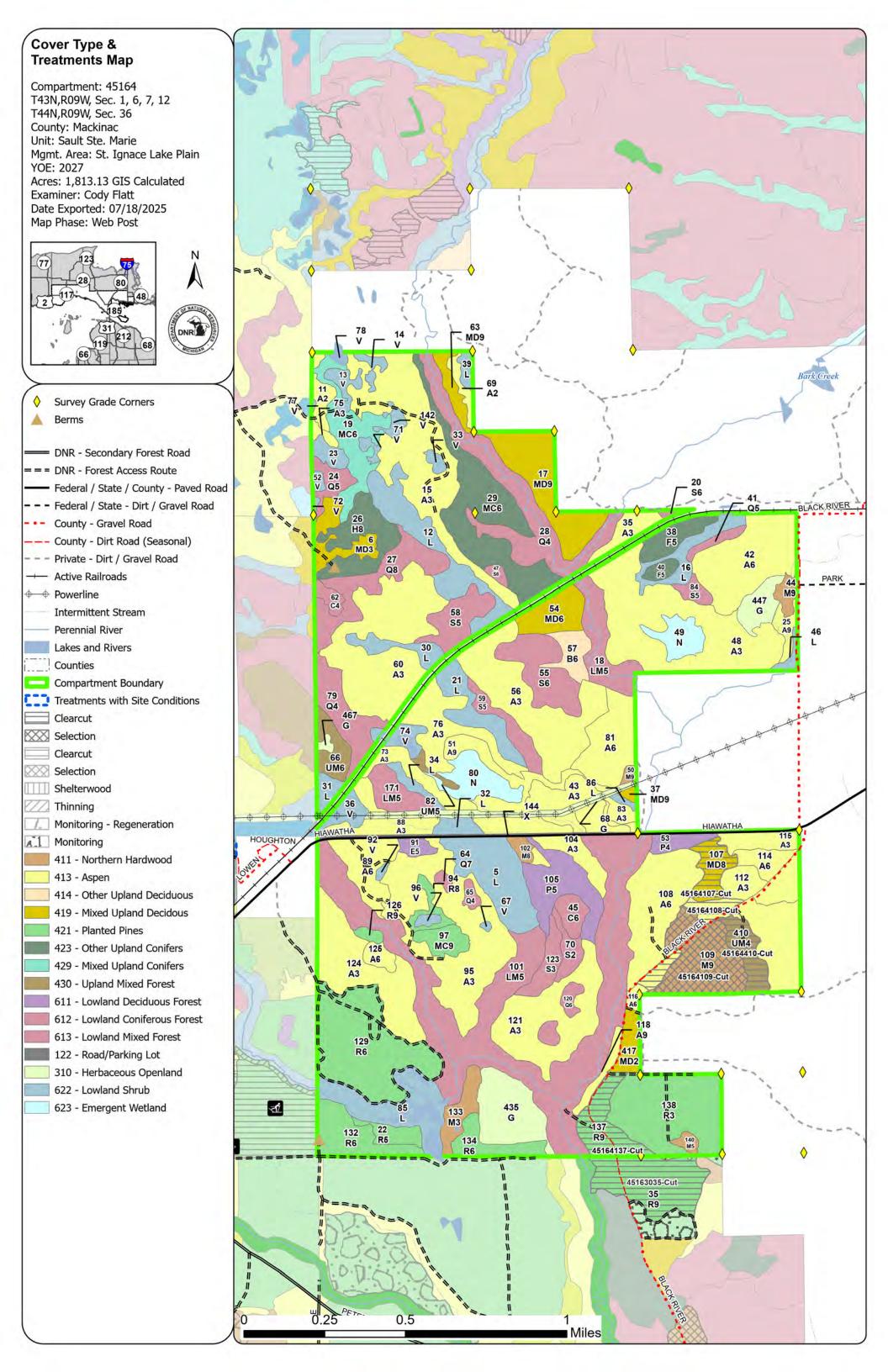
The following reports from the Inventory are attached:

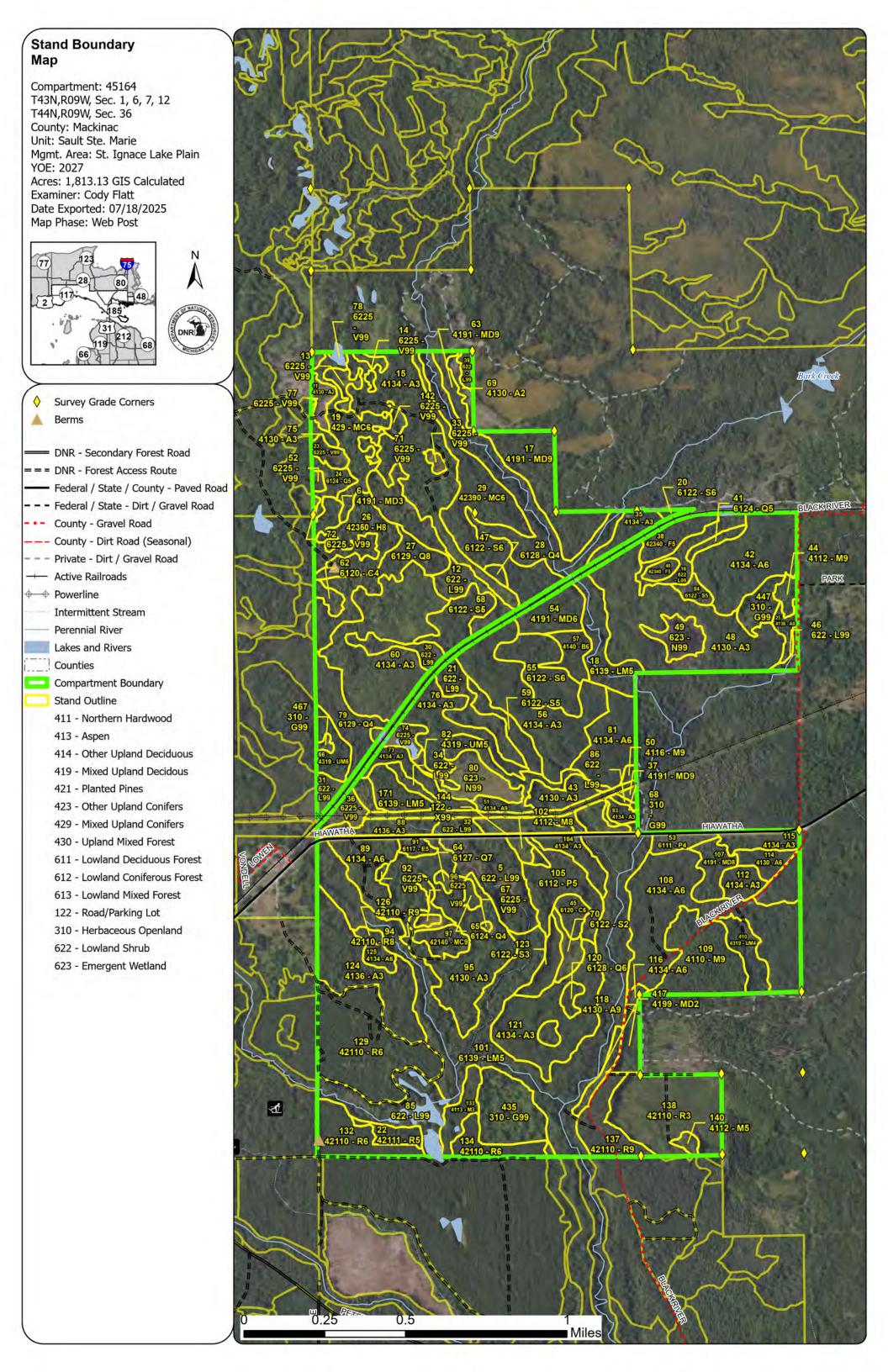
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

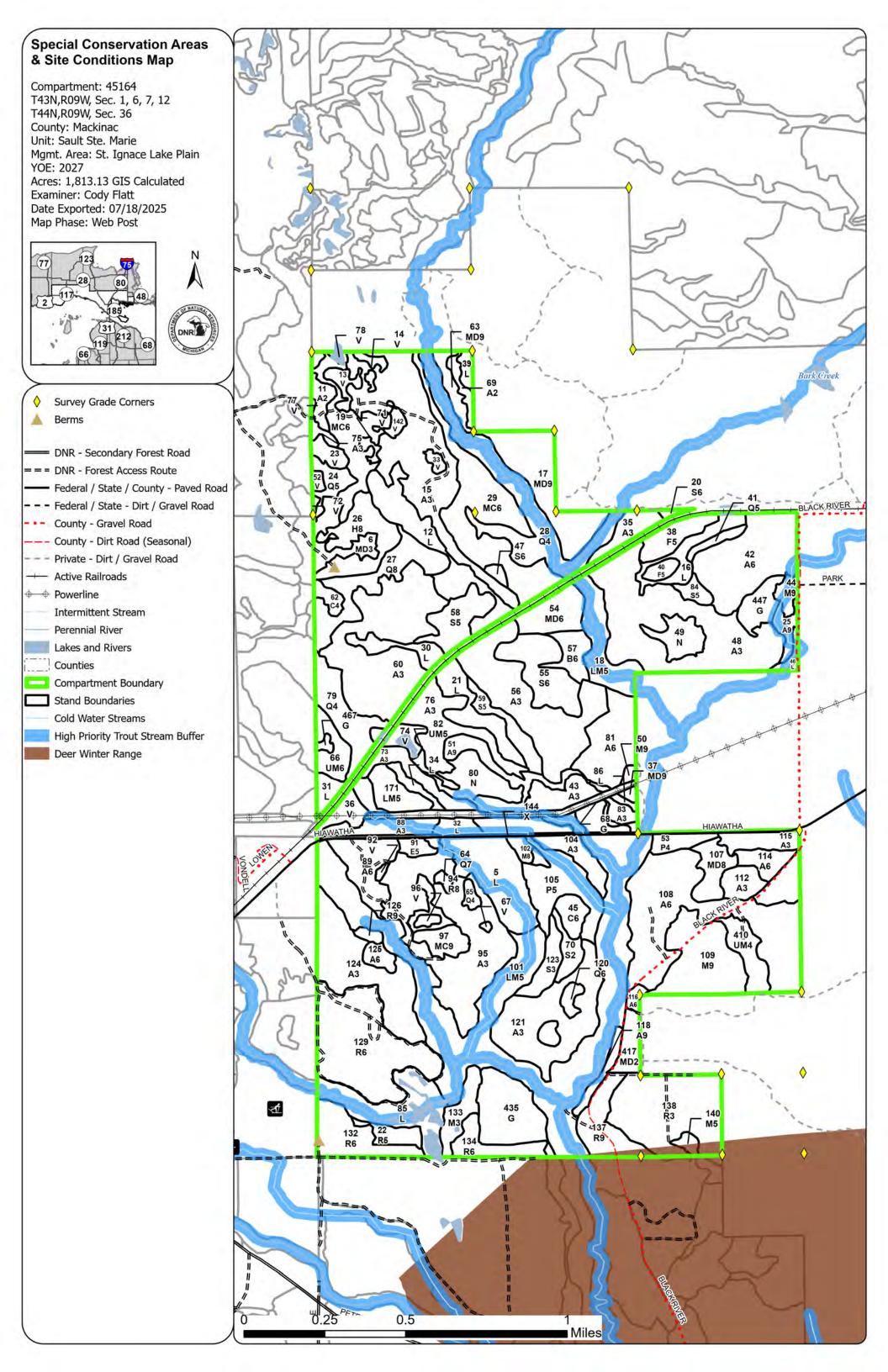
The following information is displayed, where pertinent, on the attached compartment maps:

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

Details on the road access system







Sault Ste. Marie Mgt. Unit

Cody Flatt: Examiner



### Age Class

						,						,		_					
	<b>₽</b> ort		/ 3° / s			3 / 6		3/8	/ 8 / k				" " " " " " " " " " " " " " " " " " "					*   Just	TO TO
													$\overline{}$						
Aspen	0	34	209	161	185	79	18	24	5	2	5	0	0	0	0	0	0	0	720
Bog	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37
Cedar	0	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	10
Hemlock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22
Herbaceous Openland	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Lowland Aspen/Balsam Poplar	0	0	0	0	0	0	0	0	6	23	0	0	0	0	0	0	0	0	29
Lowland Conifers	0	0	0	0	7	0	0	0	0	43	4	3	44	0	6	0	0	0	106
Lowland Deciduous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Lowland Mixed Forest	0	0	0	0	0	0	0	0	0	165	0	0	11	0	0	0	0	0	175
Lowland Shrub	141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
Lowland Spruce/Fir	0	0	6	0	0	0	0	3	15	0	0	44	0	0	0	0	0	0	68
Marsh	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Mixed Upland Deciduous	0	0	11	8	0	0	0	0	25	39	0	0	0	0	0	0	0	0	83
Northern Hardwood	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	42	53
Paper Birch	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
Planted Mixed Pines	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8
Red Pine	0	0	48	55	36	0	0	0	0	18	7	0	0	0	0	0	0	0	164
Upland Conifers	0	0	0	0	0	0	22	48	0	0	0	0	0	0	0	0	0	0	70
Upland Mixed Forest	0	0	0	0	0	0	21	2	0	0	0	0	0	0	0	0	0	0	23
Upland Spruce/Fir	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	14
Urban	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	256	34	274	224	238	79	61	77	51	314	28	53	55	0	6	0	0	67	1812



## **Report 2 – Treatment Summary**

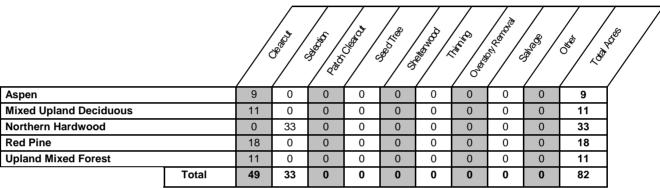
Sault Ste. Marie Mgt. Unit Year of Entry: 2027

#### **Acres of Harvest**

Compartment 164
Total Compartment Acres: 1,813

Commercial Harvest - 362 Harvests with Site Condition - 0 Next Step Harvest - 0 Habitat Cut - 0

## **Cover Type by Harvest Method**



## **Proposed and Next Step Treatments by Method**

		/.				\$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	O. Marine		oiioiid	10 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	No. 18 September 1	<u> </u>
Current		82	0	0	0	0	0	0	0	0	82	
Next Step		0	35	53	0	0	70	99	0	0	275	
	Total	82	35	53	0	0	70	99	0	0	357	

s	
t	
а	

t										•	
а			o	٥.	<b>.</b> .			<b>-</b> , ,			MICHIGAN
n	Treatment	Acres	Stand	Size	Stand	BA	Treatment	Treatment	Cover Type	Age	Habitat
d	Name		CoverType	Density	Age	Range	Type	Method	Objective	Structure	Cut

#### **Proposed Treatments:**

35	45163035-Cut	32.9	42110 - Planted	9	85	141-	Harvest	Clearcut	42110 - Planted	Planting	No
			Red Pine			170			Red Pine	Record	

Prescription Final harvest red pine plantation. Harvest all species over 1" DBH. Retention will be left in buffer of drainage and creek. Treatment size may vary depending on buffer boundary. Specs:

SitePrep, Roller Chopping; SitePrep, Trenching; Pesticide, Skidder - Site Prep; Pesticide, Aerial - Site Prep; Planting, Trenched Plant; Next Step Treatments: Planting, Unfurrowed; Monitoring, Artificial Regen; Monitoring, Artificial Regen; Planting, Interplant

Acceptable Red Pine

Regen:

Maintain 100' buffer along creek Other

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

107 45164107-Cut 10.6 4191 - Mixed 1-50 Harvest Clearcut 4191 - Mixed **Planting** No **Upland Deciduous** Record Upland with Conifer Deciduous with Conifer

Prescription Cut all trees 4" or greater at DBH. Exclude excessively wet areas from treatment. Leave 1-2 white pine per acre where possible and leave scattered clumps of cedar (3-6 trees) where possible, these leave trees will serve as retention. Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

**Treatments:** 

Acceptable aspen, maple, birch, cherry, spruce, fir, pine

Regen: Other

Comment: Site Condition:

Proposed Start Date: 10/01/2026

108 45164108-Cut 4134 - Aspen, 1-50 Harvest Clearcut 413 - Aspen **Planting** 9.4 No Record

Spruce/Fir

Prescription Cut all deciduous trees that are 2" or greater at DBH and all conifer trees that are 4" or greater at DBH.

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

**Treatments:** 

Acceptable aspen, maple, birch, cherry, spruce, fir, pine

Regen:

<u>Other</u> No retention due to small size

Comment:

Site Condition:

Proposed Start Date: 10/01/2026

S t			<b></b>		po				Year of Entr		DNR
	tment ime	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habit Cut
109 4516	1109-Cut	32.8 4	110 - Sugar Maple Association	9	113	111- 140	Harvest	Selection	4110 - Sugar Maple Association	Current	No
Prescription Specs:			average of 60-80 BA ment of yellow birch								eech and
Next Step Treatments		ring, Natura	al Regen (Intermedi	ate)							
Acceptable Regen:	_ Maple,	birch, cher	ry, aspen, spruce, f	ir, pine							
Other Comment:											
Site Condit	ion:										
Proposed S	Start Date	10/01/20	)26								
137 4516	1137-Cut	17.6	42110 - Planted Red Pine	9	85	111- 140	Harvest	Clearcut	42110 - Planted Red Pine	Planting Record	No
Prescription Specs:			pine plantation. Han buffer boundary.	rvest all sp	oecies o	ver 1" DB	H. Retention wil	l be left in buffer o	of drainage and cre	ek. Treatmen	t size ma
Next Step Treatments			Chopping; SitePrepved; Monitoring, A							inting, Trench	ed Plant;
Acceptable Regen:	_ Red pir	ne									
Other Comment:	Minimu	m 100' buf	fer from creek								
Site Condit	ion:										
Proposed S	Start Date	10/01/20	026								
410 4516	1410-Cut	11.2	4319 - Mixed Upland Forest	4	50	1-50	Harvest	Clearcut	310 - Herbaceous Openland	Previous Inventory	No
Prescription Specs:	<u>Cut all</u>	merchanta	ble trees. No retent	ion to mai	ntain as	an openi	ng.		·		
Next Step Treatments		ring, Natura	al Regen (Re-Invent	tory)							
Acceptable Regen:	None										
Other Comment:	Openin	g Maintena	ance cut.								
Site Condit	ion:										

Total Treatment Acreage Proposed: 114.5

Proposed Start Date: 10/01/2026

Sault Ste. Marie Mgt. Unit

**Cody Flatt: Examiner** 



Compartment: 164 Year of Entry: 2027

Availa	ability for	Managemer	nt							
Total	Acres	Acres Avail	Acres	D	omina	nt Site	e Con	dition	S	
Acres	Available	With Condition	Not Available		2E	5C	2A	2G	3J	5D
714	678	18	19	Aspen		18			19	
37	37	0	0	Bog						
10	10	0	0	Cedar						
22	22	0	0	Hemlock						
47	47	0	0	Herbaceous Openland						
29	6	0	23	Lowland Aspen/Balsam Poplar					23	
107	44	0	62	Lowland Conifers				19	43	
3	0	3	0	Lowland Deciduous		3				
175	0	0	175	Lowland Mixed Forest				11	165	
140	77	0	64	Lowland Shrub					64	
68	50	0	18	Lowland Spruce/Fir						18
25	25	0	0	Marsh						
83	45	0	38	Mixed Upland Deciduous			38			
53	53	0	0	Northern Hardwood						
9	9	0	0	Paper Birch						
8	8	0	0	Planted Mixed Pines						
164	164	0	0	Red Pine						
70	70	0	0	Upland Conifers						
23	11	10	2	Upland Mixed Forest	10				2	
14	14	0	0	Upland Spruce/Fir						
6	6	0	0	Urban						
1,807	1,374	31	402	Total Forested Acres	10	21	38	30	316	18
	76%	2%	22%	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.

	Dominant Site Cond Availability	Dominant Site Condition	Acres	Other Site Condition	Other Site Condition	Other Site Condition	Other Site Condition
2	Unavailable	2A: Adjacent landowner denied access	32	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
(	Comments:						

Sault Ste. Marie Mgt. Unit
Cody Flatt: Examiner



3	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	19	5D: Unproductive forest land	Unspecified	Unspecified	Unspecified
(	Comments:						
6	Unavailable	2G: Too wet (sensitive soils, does not include access issues)	11	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
7	Unavailable	2A: Adjacent landowner denied access	6	2H: Blocked by physical obstacle (e.g. upland stand in a lowland area)	Unspecified	Unspecified	Unspecified
(	Comments:						
8	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	19	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
9	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	43	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
11	Unavailable	5D: Unproductive forest land	8	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						

Sault Ste. Marie Mgt. Unit
Cody Flatt: Examiner



12	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	23	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
13	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	5	2F: Too steep	Unspecified	Unspecified	Unspecified
(	Comments:						
14	Unavailable	5D: Unproductive forest land	9	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
15	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	14	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	18	Unspecified	Unspecified	Unspecified	Unspecified
(	Comments:						
20	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	2	Unspecified	Unspecified	Unspecified	Unspecified
C	Comments:						

Sault Ste. Marie Mgt. Unit
Cody Flatt: Examiner



21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	3	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
22	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments: Retention left during	g harvest					
24	Available	2E: Road needed	10	Unspecified	Unspecified	Unspecified	Unspecified
		with adjacent C-171 as optional ontinues into C-171.	unit but n	ot cut. Access would ent	ail crossing very low, wet g	round or require a RR cros	ssing which is cost
28	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	205	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
32	Unavailable	3J: Water quality/BMPs (stream, river, or lake)	4	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						

Mgt. Unit Compartment: #Type!
Year of Entry:

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

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

SCA Name	SCA Category	Detail Type	Recommendation	Acres
Comments				



Stand	Stand Level 4 Cover Type			Size Density		Acres	Stand Ag	e BA Range	Managed Si	ite	General Comments
5	622 - Lov	vland Shrub	)	Non	е	30.1			No		Mostly Black River and creeks flood plain.
6	4191 - Mixed Upla Co	and Deciduo	ous with	Sapling	Well	11.3	15	1-50	N/A		Stand was strip cut in 1974 (1 chain cut, 2 chains left). Good reproduction (RM, Cherry, WB, H) at last entry warranted a shelter
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	wood-seed cut. That cut was complete in 2010. It currently is a 3-
	Red Maple	25	Log	2	15		ck Cherry	Low	< 5 feet	< 5 feet	storied stand: H & YB log over 1974 cut regeneration (40-50' tall) and 2000 cut (10'-20' tall).
	Quaking Aspen	10	Log	2		Re	d Maple	Low	< 5 feet	< 5 feet	
	Yellow Birch	8		14			· · · · · · · · · · · · · · · · · · ·				-
	Black Cherry	15	Log	2							
	Balsam Fir	10	Log	1							
	Yellow Birch	5	Log	2							
	White Pine	2		12							
	Hemlock	20		14	142						
11	4130	- Aspen	;	Sapling N	1edium	6.0	4	Immature	N/A		Harvested in 2021 as part of the Cranberry Run Mix timber sale 45-
	Canopy Species	% Cover	Size Class	DBH	Age						120-17. Stand is regenerating fairly slow, open areas are beginning to fill in.
	White Pine	5		10							
	Paper Birch	15	Log	1							
	Quaking Aspen	70	Log	1	4						
	Red Maple	10	Log	1							
12	622 - Lov	vland Shrub	)	Non	е	27.8			No		Wet with tag alder
						Sub-Ca	nopy Spec	ies Density	Avg. Height	Size	
						Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
13	6225	5 - Bog		Non	е	4.5			No		Bog
14	6225	5 - Bog		Non	е	2.8			No		Bog
15	4134 - Aspe	en, Spruce/	Fir	Sapling	Well	63.8	18	Immature	N/A		Stand was cut in 2007. Regeneration is doing good in most areas.
	Canopy Species	% Cover	Size Class	DBH	Age						Some areas slowly filling in. Southern finger mostly spruce and fir
	Bigtooth Aspen	30	Log	2							regen.
	White Spruce	10	Log	2							
	Quaking Aspen	45	Log	2	18						
	Balsam Fir	15	Log	2							
16	622 - Lov	vland Shrub	)	Non	e	11.3			No		tag alder



Stand	Level 4 C	Cover Type				Acres	cres Stand Age BA Ran		Managed Sit	te	General Comments
17	4191 - Mixed Upla Co	and Decidu	ous with	Sawtimb	er Well	31.9	85	51-80	N/A		Inaccessible birch stand. Blocked by the Black River and private land.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Hemlock	15		12		Ва	ılsam Fir	High	Variable	Variable	
	Quaking Aspen	20		11							-
	Paper Birch	25		10	85						
	Red Maple	15		10							
	Balsam Fir	15	Sapling	6							
No	rthern White Cedar	10	Sapling	7							
18	6139 - Mixed	Lowland Fo	orest P	oletimber	Medium	19.4	85		N/A		Contains Black River and floodplain
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Maple	15		9							
	White Pine	15		12							
No	rthern White Cedar	10	Seedling	7							
	Paper Birch	15	Seedling	8	85						
	Quaking Aspen	15		9							
	White Spruce	15		9							
	Balsam Fir	15	Seedling	7							
19	429 - Mixed l	Jpland Con	ifers	Poletimb	er Well	22.4	50	1-50	N/A		Thick conifer regeneration just transitioning to pole size. Some
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered overstory conifer present. Some very wet areas.
	White Spruce	10	Sapling	5		C	onifers	Medium	5 - 10 feet	5 - 10 feet	
	White Pine	50	Sapling	5	50						
	Balsam Fir	30	Sapling	6							
	Red Maple	10	Sapling	5							
20	6122 - BI	ack Spruce		Poletimb	er Well	1.1	65		N/A		Small black spruce stand, good looking poles.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Quaking Aspen	5	Seedling	8							
	Black Spruce	90	Seedling	6	65						
	Red Maple	5	Seedling	8							
21	622 - Lov	vland Shrub	)	Nor	ie	15.4			No		
22		iduous		oletimber		6.1	33	Immature	N/A		Red pine didn't come in this stand quite as good as the rest of the stand. The pine is very healthy.
	Canopy Species		Size Class		Age						
	Black Cherry	10	Log	2							
	Quaking Aspen	15	Log	3							
	White Pine	5	Sapling	5							
	Red Pine	70	Sapling	6	33						



Stand	Level 4 Co	Cover Type		Size Density A		y Acres Stand Age BA Range Man			te	General Comments
23	6225	i - Bog		No	ne	4.5		No		Bog
24	6124 - Lowla	and Spruce	-Fir Pol	letimbe	r Medium	n 6.5 36	51-80	N/A		Poor quality mixed brush with tag alder. Stand has wet areas within it
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Speci	ies Density	Avg. Height	Size	and it borders some larger wetlands.
	Quaking Aspen	15	Log	2		Tag Alder	Medium	Variable	Variable	
	Balsam Fir	40	Sapling	5	36			-		1
	Black Spruce	30	Log	3						
	Red Maple	15	Log	4						
25	4136 - Aspen	, Mixed Co	nifer S	Sawtimb	er Well	4.7 75		N/A		Stand of aspen mix that serves as a buffer around Silver Creek which
	Canopy Species	% Cover	Size Class	DBH	l Age					flows through.
	Quaking Aspen	50		10	75					
	White Pine	15		10						
	Sugar Maple	10		10						
	Balsam Fir	15	Seedling	7						
	Red Maple	10		10						
26	42350 - Upl	and Hemlo	ck Sa	wtimbe	r Medium	21.6 188	51-80	N/A		Previously thinned. Hemlock regen present around drip edge of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Canopy Speci	ies Density	Avg. Height	Size	hemlock that were released during harvest, no regen present where closed canopy. Maple regen in more open areas.
	Hemlock	60		12	188	Conifers	Medium	Variable	Variable	diosed earlopy. Mapie regen in more open areas.
	White Pine	40		12		Deciduous Sapling	s Medium	5 - 10 feet	5 - 10 feet	
27	6129 - Mixed Conife	erous Lowla	and Forest Sa	wtimbe	r Medium	25.1 114	51-80	N/A		This stand was left for cover.
	Canopy Species		Size Class		I Age	Sub-Canopy Speci		Avg. Height	Size	
	Balsam Fir	10	Size Class Seedling	6		Sub-Canopy Speci Conifers	ies Density Medium	Avg. Height Variable	<b>Size</b> Variable	
	Balsam Fir Hemlock	10 30		6 12	I Age	Sub-Canopy Speci		Avg. Height		
No	Balsam Fir Hemlock orthern White Cedar	10 30 40		6 12 7		Sub-Canopy Speci Conifers	Medium	Avg. Height Variable	Variable	
No	Balsam Fir Hemlock orthern White Cedar White Pine	10 30 40 10	Seedling Seedling	6 12 7 10	I Age	Sub-Canopy Speci Conifers	Medium	Avg. Height Variable	Variable	
No	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple	10 30 40 10 5	Seedling	6 12 7 10 6	I Age	Sub-Canopy Speci Conifers	Medium	Avg. Height Variable	Variable	
No	Balsam Fir Hemlock orthern White Cedar White Pine	10 30 40 10	Seedling Seedling	6 12 7 10	I Age	Sub-Canopy Speci Conifers	Medium	Avg. Height Variable	Variable	
No 28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland 0	10 30 40 10 5	Seedling Seedling Sapling Sapling	6 12 7 10 6 6	I Age	Sub-Canopy Speci Conifers	Medium	Avg. Height Variable	Variable	Contains Black river and floodplain
	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland 0	10 30 40 10 5 5 Coniferous, duous	Seedling Seedling Sapling Sapling	6 12 7 10 6 6	114	Sub-Canopy Speci Conifers Tag Alder	Medium Low	Avg. Height Variable Variable	Variable	Contains Black river and floodplain
	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch  6128 - Lowland C	10 30 40 10 5 5 Coniferous, duous	Seedling Seedling Sapling Sapling Mixed P	6 12 7 10 6 6	114 er Poor	Sub-Canopy Speci Conifers Tag Alder	Medium Low	Avg. Height Variable Variable N/A	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland O Deci	10 30 40 10 5 5 Coniferous, duous	Seedling Seedling Sapling Sapling Mixed P	6 12 7 10 6 6 6 DBH	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland O Deci Canopy Species Quaking Aspen	10 30 40 10 5 5 Coniferous, duous <b>% Cover</b> 15	Seedling  Seedling  Sapling  Sapling  Mixed P  Size Class	6 12 7 10 6 6 6 Oletimb	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland C Deci Canopy Species Quaking Aspen orthern White Cedar	10 30 40 10 5 5 Coniferous, duous % Cover 15 10	Seedling Seedling Sapling Sapling Mixed P Size Class Seedling	6 12 7 10 6 6 6 Oletimb  DBH 9 7	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland O Deci Canopy Species Quaking Aspen orthern White Cedar Red Maple	10 30 40 10 5 5 5 Coniferous, duous % Cover 15 10 10	Seedling Seedling Sapling Sapling Mixed P Size Class Seedling Seedling	6 12 7 10 6 6 6 Poletimb	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland O Deci Canopy Species Quaking Aspen orthern White Cedar Red Maple Black Spruce	10 30 40 10 5 5 5 Coniferous, duous % Cover 15 10 10 15	Seedling Seedling Sapling Sapling Mixed P Size Class Seedling Seedling	6 12 7 10 6 6 6 Oletimb  DBH 9 7 9 7	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain
28	Balsam Fir Hemlock orthern White Cedar White Pine Red Maple Paper Birch 6128 - Lowland O Deci Canopy Species Quaking Aspen orthern White Cedar Red Maple Black Spruce Hemlock	10 30 40 10 5 5 Coniferous, duous    **Cover 15 10 10 15 10 10 15 10 10	Seedling  Sapling  Sapling  Mixed P  Size Class  Seedling  Seedling  Sapling	6	114 er Poor	Sub-Canopy Special Conifers Tag Alder  43.3 85  Sub-Canopy Special	Medium Low ies Density	Avg. Height Variable Variable N/A Avg. Height	Variable Variable	Contains Black river and floodplain



29		over Type		Size Density A		Acres Stand Age BA Range			Managed Si		General Comments
	42390 - Mixed Non-	Pine Uplan	d Conifers	Poletimb	er Well	47.9	67	81-110	N/A		Some nice patches of black spruce on drier ground along edge of
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	aspen stand, transitions to lower/wetter aspen mix closer to Black river, and smaller more sparse spruce, aspen, fir mix to the south.
	Quaking Aspen	15		9		Co	onifers	High	Variable	Variable	and the second of the second o
	Hemlock	5		12							_
	White Pine	5		12							
	White Spruce	20	Seedling	7	67						
	Red Maple	10	Seedling	8							
	Black Spruce	15	Seedling	7							
	Balsam Fir	15	Sapling	7							
No	rthern White Cedar	15	Seedling	6							
30	622 - Low	land Shrub	)	Noi	ne	7.7			No		Low wet area with some hemlock and cedar at west end transitioning
						Sub-Can	opy Species	Density	Avg. Height	Size	to tag alder
						He	mlock	Low	>20 feet	>20 feet	
						Тад	g Alder	Medium	5 - 10 feet	5 - 10 feet	
31	622 - Low	land Shrub	)	Noi	ne	4.6			No		
32	622 - Low	rland Shrub	)	Noi	ne	4.3			No		Low wet stand with tag alder
33	6225	i - Bog		Noi	ne	1.9			No		Wet open bog
34	622 - Low	land Shrub	)	Noi	ne	3.7			No		Wet stand with tag alder and sparse trees
						Sub-Can	opy Species	Density	Avg. Height	Size	
						Tag	g Alder	Low	5 - 10 feet	5 - 10 feet	
						Whi	te Pine	Low	Variable	Variable	
35	4134 - Aspe	en, Spruce/	Fir	Sapling	y Well	8.3	36	1-50	N/A		Aspen/fir stand, some areas growing slower than others.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Bigtooth Aspen	5	Pole	3			nifers	Low	5 - 10 feet	5 - 10 feet	
	Balsam Fir	15	Log	3							
	White Spruce	10	Log	3							
	Quaking Aspen	70	Pole	4	36						
36	6225	- Bog		Noi	ne	6.4			No		



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	ite	General Comments
37	4191 - Mixed Upla Co	and Decidu onifer	ous with	Sawtimb	er Well	1.2	85	51-80	N/A		
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
No	orthern White Cedar	10		9		Ва	lsam Fir	High	Variable	Variable	
	Balsam Fir	20	Seedling	7				'		,	_
	Red Maple	20		10							
	Quaking Aspen	20		10							
	Paper Birch	20		11	85						
	White Pine	10		12							
38	42340 - Upla	and Spruce	:/Fir Po	oletimbei	Mediu	m 10.6	87	1-50	N/A		Stand access is limited due to a wide tag alder area and steep banks
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	going up to the railroad tracks. It has been left for the last two entries because of the access. The overall health is pretty good.
	Balsam Fir	20	Seedling	7		С	onifers	High	Variable	Variable	, , , , , , , , , , , , , , , , , , ,
	White Spruce	30	Seedling	9	87						_
No	orthern White Cedar	10	Seedling	6							
	Paper Birch	10	Seedling	7							
	Black Spruce	10	Sapling	7							
	Red Maple	10	Seedling	7							
	Quaking Aspen	10	Seedling	8							
39	622 - Lov	land Shrub	)	Nor	ne	2.8			No		Lowland bog with tag alder
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Та	g Alder	Low	5 - 10 feet	5 - 10 feet	
40	42340 - Upla	and Spruce		oletimbei		m 3.3	87	1-50	N/A		Stand access is limited due to a wide tag alder area and steep banks going up to the railroad tracks. It has been left for the last two entries
	Canopy Species	% Cover	Size Class		Age		nopy Species	Density	Avg. Height	Size	because of the access. The overall health is pretty good.
	Balsam Fir	20	Seedling	7		С	onifers	High	Variable	Variable	
	Quaking Aspen	10	Seedling	7		Re	d Maple	Low	Variable	Variable	
	Red Maple	10	Seedling	7							
No	orthern White Cedar	10	Seedling	6							
	Paper Birch	10	Seedling	7							
	White Spruce	40	Seedling	9	87						

Report 7 - Stands



Stand	Stand Level 4 Co	ver Type		Size Density A		Acres Stand Age BA Rang			Managed Si	te	General Comments
41	6124 - Lowla	nd Spruce-	-Fir P	oletimber	Medium	3.4	100	1-50	N/A		Stand is along a drop off from the aspen stand down to an lowla
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	type. Not much merchantability yet.
Bal	lsam Fir	10	Pole	4		C	onifers	High	Variable	Variable	
Northern	White Cedar	10	Seedling	6					·		_
Balsa	am Poplar	10	Seedling	7							
Wh	ite Pine	5		14							
Pap	oer Birch	5	Sapling	7							
He	emlock	10		12							
Ta	marack	5	Sapling	6							
Blac	k Spruce	45	Sapling	5	100						
42	4134 - Aspe	n, Spruce/l	Fir	Poletimbe	r Well	40.1	36	1-50	N/A		Stand is just starting to transition to a pole stand. Doing really go
Cano	opy Species	% Cover	Size Class	DBH	Age						
Bigto	oth Aspen	10	Sapling	5							
Whit	e Spruce	15	Pole	4							
Red	d Maple	5	Log	3							
Pap	er Birch	5	Pole	4							
Quak	ing Aspen	50	Sapling	5	36						
Bal	Isam Fir	15	Pole	4							
43	4130 -	Aspen		Sapling	Well	23.6	7		N/A		Cut in 2018 as part of Sledgehammer Mix 45-106-17. Good look
Cano	opy Species	% Cover	Size Class	DBH	Age						aspen regen
Pap	er Birch	5	Log	1							
Blac	k Cherry	5	Log	1							
Red	d Maple	10	Log	1							
Quak	ing Aspen	80	Log	2	7						
<b>44</b> 4112	? - Maple, Beech	n, Cherry A	ssociation	Sawtimbe	r Well	4.0	102	81-110	N/A		Stand was thinned in summer of 2018 down to a ba of 80-90 sale
Cano	opy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	number 45-106-17 sledgehammer mix. Silver creek flows throug stand.
Е	Beech	5		12		Sug	gar Maple	Medium	5 - 10 feet	5 - 10 feet	
Sug	ar Maple	65		12	102	Re	ed Maple	Medium	5 - 10 feet	5 - 10 feet	
Red	d Maple	20		10		Ва	lsam Fir	Low	Variable	Variable	
Blac	k Cherry	5		10			Beech	Low	5 - 10 feet	5 - 10 feet	
Wh	ite Pine	5		12							
45	6120 - Low	land Ceda	r	Poletimbe	r Well	6.1	100	51-80	N/A		Majority of stand was cut in 2007 (now stand 70). Cedar and whi
		% Cover	Size Class	DBH	Age						pine were left.
	ite Pine	10		14							
Blac	k Spruce	25	Pole	4							
Northern	White Cedar	65	Sapling	6	100						
46	622 - Lowl	land Shrub	ı	None	Э	2.5			No		Silver creeks flood plain.
40	OLL LOW	.c.ria Oriiab		14011	•	2.0			140		Sirver stocke flood plain.



Stand	d Level 4 C	over Type		Size Density	Acres	Stand Age I	BA Range	Managed Si	te	General Comments
47	6122 - Bl	ack Spruce	<b>:</b>	Poletimber Well	1.8	67	1-50	N/A		Small pocket of lowland black spruce, still small in diameter.
	Canopy Species		Size Class	DBH Age						
	White Pine	5		12						
	Black Spruce	95	Sapling	5 67						
48	4130	- Aspen		Sapling Well	70.5	22	Immature	N/A		Stand is doing great, very little conifer.
	Canopy Species	% Cover	Size Class	DBH Age						
	White Spruce	5	Log	2						
	Red Maple	5	Log	2						
	Black Cherry	5	Log	2						
	Quaking Aspen	60	Log	3 22						
	Balsam Fir	5	Log	2						
	Bigtooth Aspen	20	Log	3						
49	623 - Emer	gent Wetla	nd	None	9.9			No		
50	4116 - Mixed N.	Hardwood ·	- Aspen	Sawtimber Well	1.3	85	81-110	N/A		Patch of hardwood near private line surrounded by aspen
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	30		12	Quak	king Aspen	Medium	Variable	Variable	
	Red Maple	35		11	Maj	ple (spp.)	Medium	Variable	Variable	
	Sugar Maple	35		11 85			'			
51	4134 - Asp	en, Spruce/	Fir	Sawtimber Well	20.1	66	111-140	N/A		Mixed aspen stand that serves as a buffer of wetland, stream and
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	drainage around younger aspen cuts.
	Bigtooth Aspen	10		10	С	onifers	Medium	Variable	Variable	
	White Spruce	15		9				<u> </u>		
	Quaking Aspen	60		10 66						
	Balsam Fir	15	Seedling	7						
52	6225	5 - Bog		None	1.4			No		Wet open bog
53	6111 - Lowlan	d Balsam P	oplar	Poletimber Poor	5.7	73	1-50	N/A		This stand is very wet and somewhat sparse.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	50	Seedling	9 73	Ta	ag Alder	High	Variable	Variable	
	Quaking Aspen	15	Seedling	8	С	onifers	High	Variable	Variable	
No	orthern White Cedar	10	Sapling	6			_			_
	Red Maple	10	Seedling	8						
	Red Maple White Spruce	10 5	Seedling Seedling	8 8						



Stand	tand Level 4 C	over Type		Size Density		Acres	Stand Age B	e BA Range Managed Site		te	General Comments
54	4191 - Mixed Upla Co	and Decidu onifer	ous with	Poletimb	er Well	14.2	78	51-80	N/A		Some wetter areas in stand. Access may be limited but this stand is ready to harvest.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	5		12		Re	d Maple	Low	Variable	Variable	
Nor	thern White Cedar	5	Seedling	6		Ва	lsam Fir	Medium	Variable	Variable	
	Balsam Fir	10	Seedling	7							_
	Hemlock	5		12							
(	Quaking Aspen	20		10							
	Red Maple	15		9							
	White Spruce	5	Seedling	8							
	Paper Birch	35	Seedling	8	78						
55	6122 - BI	ack Spruce		Poletimb		22.7	100	51-80	N/A		Lower ground black spruce, was dry when visited. Could harvest.  Access is limited.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Access is infliced.
	Paper Birch	5	Seedling	8		Ta	ag Alder	Medium	Variable	Variable	
	White Pine	5		10							
	Red Maple	5	Seedling	8							
1	Balsam Poplar	10	Seedling	7							
	Black Spruce	65	Seedling	6	100						
	Balsam Fir	5	Sapling	5							
Nor	thern White Cedar	5	Seedling	6							
56	4134 - Aspe			Sapling		50.1	35	1-50	N/A		Slower growing regen in this stand, still mostly sapling size, more conifer present
	Canopy Species		Size Class		l Age						Conner present
(	Quaking Aspen	50	Log	3	35						
	Balsam Fir	30	Log	2							
	White Spruce	10	Log	2							
E	Bigtooth Aspen	10	Log	3							
57	4140 - Other U	pland Deci	iduous	Poletimb	er Well	8.7	85	81-110	N/A		Access is going to be limited but ready to harvest.
	Canopy Species		Size Class		l Age		nopy Species	Density	Avg. Height	Size	
	Balsam Fir	15	Sapling	7			d Maple	Low	Variable	Variable	
	White Spruce	5	Seedling	8		Ва	lsam Fir	High	Variable	Variable	
	Red Maple	10		9							
	White Pine	5		12							
(	Quaking Aspen	5		10							



Stand	Level 4 Co	over Type		Size Density A		Acres Stand Age BA Range			Managed Si	te	General Comments
58		ack Spruce	Po		Medium		72	1-50	N/A		About half high ground, half low ground. Some future harvest potential on higher ground
	Canopy Species		Size Class		Age		nopy Species		Avg. Height	Size	of flight ground
	Red Maple	10		9			ck Spruce	Medium	5 - 10 feet	5 - 10 feet	
	Paper Birch	10	Seedling	8		Ta	ag Alder	Low	10 - 20 feet	10 - 20 feet	
	Black Spruce	50	Sapling	7	72						
	Quaking Aspen	10	Seedling	8							
	Tamarack	20	Sapling	5							
59	6122 - Bla	ack Spruce	Po	oletimbei	Medium	9.3	100	1-50	N/A		Very wet, poor quality spruce. Areas of lowland shrub throughout the
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	stand.
Noi	thern White Cedar	10	Sapling	6		Ta	ag Alder	Medium	Variable	Variable	
	Paper Birch	10	Seedling	7							-
	Tamarack	10	Sapling	6							
	Black Spruce	70	Sapling	5	100						
60	4134 - Aspe	n, Spruce/f	=ir	Sapling	y Well	64.2	18	Immature	N/A		Regeneration is doing good. The wetter areas are a bit spotty.
	Canopy Species	% Cover	Size Class	DBH	Age						
	White Spruce	15	Log	2							
	Paper Birch	5	Log	2							
	Bigtooth Aspen	10	Log	3							
	Balsam Fir	15	Log	2							
	Quaking Aspen	50	Log	2	18						
	Hemlock	5		12							
62	6120 - Low	vland Ceda	r F	Poletimb	er Poor	3.5	90	1-50	N/A		Non-productive swamp with tag alder.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Black Spruce	15	Sapling	5		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
Noi	thern White Cedar	75	Sapling	5	90				·		-
	Tamarack	10	Sapling	5							
63	4191 - Mixed Upla Co	nd Deciduc	ous with	Sawtimb	er Well	6.2	85	51-80	N/A		Inaccessible birch stand. Blocked by the Black River and private land. This part of stand was not cut with other part of stand in Reed's Mix,
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	left as buffer along Black River
	White Spruce	15		10		Ва	lsam Fir	Medium	Variable	Variable	
	Quaking Aspen	20		9				,	'		4
	Balsam Fir	15	Sapling	7							
				_							
	Paper Birch	30		10	85						
	Paper Birch Red Maple	30 15		10	85						



Stand	d Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
64	6127 - Lo	owland Pine	)	Sawtimb	er Poor	1.5	94	1-50	N/A		Low lying area within aspen stand that is mostly leatherleaf with
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	sparse overstory white pine.
	Black Spruce	10	Pole	3		Le	atherleaf	High	< 5 feet	< 5 feet	
	White Pine	90		12	94						
65	6124 - Lowl	and Spruce	-Fir	Poletimb	er Poor	2.2	94	1-50	N/A		Low lying wet area within aspen stand that has leatherleaf and small
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	sized black spruce, tamarack with sparse overstory white pine.
	White Pine	15		12		Le	atherleaf	High	< 5 feet	< 5 feet	
	Balsam Fir	10	Pole	4							
	Tamarack	35	Pole	4							
	Black Spruce	40	Pole	4	94						
66	4319 - Mixed	d Upland Fo	rest	Poletimb	er Well	9.7	52	81-110	N/A		Was an optional unit with adjacent compartment (C-171) sale (All or
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Nothing). Best access is across the RR, but is cost prohibitive. Most of stand is balsam fir poles with a mix of spruce, aspen, red maple,
	White Pine	5		12		Ва	lsam Fir	High	Variable	Variable	and birch. Not a lot of economic value at this time, let fir grow until
	White Spruce	15		7		Re	d Maple	Low	Variable	Variable	better access is found or stand is at high risk for bud worm.
	Paper Birch	5		10		С	onifers	Low	Variable	Variable	
	Quaking Aspen	20		9							
	Red Maple	20		9							
	Balsam Fir	35	Sapling	6	52						
67	6225	5 - Bog		No	ne	0.5			No		Bog within aspen stand
68	310 - Herbac	eous Open	land	Noi	ne	10.9			No		Edison Sault Pipe Line
69	4130	- Aspen		Sapling I	Medium	3.9	5 L	Jnspecified	N/A		Young aspen/birch regeneration.[8/27/21 TI] Stand was cut in fall
	Canopy Species	% Cover	Size Class	DBF	I Age						2020 as part of Reed Mix Sale #45-111-20-01. TCR Date: 8/10/21
	Paper Birch	15	Log	1							
	Red Maple	15	Log	1							
	Quaking Aspen	65	Log	1	5						
	Balsam Fir	5	Log	1							



Stand	d Level 4 Co	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed Sit	e	General Comments
70	6122 - Bla	ack Spruce		Sapling	Medium	6.0	18	Immature	N/A		Stand was cut in 2007, slowly regenerating to swamp conifer. Some
	Canopy Species	% Cover	Size Class	DBI	H Age						scattered overstory white pine and cedar.
	White Pine	5		10							
	Quaking Aspen	5	Log	2							
	Balsam Fir	10	Log	2							
	White Spruce	10	Log	1							
	Paper Birch	5	Log	2							
	Tamarack	5	Log	1							
No	orthern White Cedar	5	Sapling	6							
	Red Maple	5	Log	1							
	Black Spruce	50	Log	1	18						
71	6225	i - Bog		No	ne	1.7			No		Wet open bog
72	6225	i - Bog		No	ne	0.6			No		Wet open bog
73	4134 - Aspe	en, Spruce/	Fir	Saplin	g Well	10.4	38	1-50	N/A		Slower growing deciduous regen, more maple growing now than before
	Canopy Species	% Cover	Size Class	DBI	l Age	Sub-Ca	nopy Speci	es Density	Avg. Height	Size	
	Red Maple	35	Log	3		C	Conifers	Medium	Variable	Variable	
	Paper Birch	5	Log	3				·			_
	Quaking Aspen	40	Pole	3	38						
	White Spruce	10	Log	2							
	Balsam Fir	10	Log	2							
74	6225	i - Bog		No	ne	6.0			No		Bog
75	4130	- Aspen		Saplin	g Well	2.1	26		N/A		Aspen regeneration, cut in 1999. Continuation of stand 53 in adjacent
	Canopy Species	% Cover	Size Class	DBI	l Age						compartment
	Quaking Aspen	30	Pole	3							
	Paper Birch	10	Log	3							
	Distanth Annan	35	Pole	4	26						
	Bigtooth Aspen	33	1 010	7	20						
	Balsam Fir	10	Pole	4	20						

# Report 7 - Stands



Stand	Level 4 C	over Type		Size Density	Acres	Stand Age	BA Range	Managed Sit	e	General Comments
76	4134 - Aspe	en, Spruce/	Fir	Sapling Well	23.3	23	Immature	N/A		
	Canopy Species	% Cover	Size Class	DBH Age						
	Paper Birch	5	Log	2						
	Bigtooth Aspen	10	Log	3						
	Black Cherry	5	Log	2						
	Quaking Aspen	60	Log	3 23						
	Balsam Fir	10	Log	2						
	White Spruce	10	Log	2						
77	6225	5 - Bog		None	0.3			No		Bog
78	6225	5 - Bog		None	1.0			No		Bog
79	6129 - Mixed Conif	erous Lowla	and Forest	Poletimber Poor	19.0	114	1-50	N/A		Non-productive swamp with tag alder. Mixed swamp conifers. Wet.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
	White Pine	5		10	Т	ag Alder	Medium	Variable	Variable	
	Balsam Fir	10	Sapling	6						_
	Red Maple	5	Sapling	6						
	Tamarack	10	Sapling	5						
No	rthern White Cedar	40	Sapling	6 114						
	Black Spruce	30	Sapling	5						
80	623 - Emer	gent Wetlar	nd	None	15.2			No		Beaver marsh, frequently flooded
					Sub-Ca	nopy Specie	s Density	Avg. Height	Size	
						ag Alder	Medium	5 - 10 feet	5 - 10 feet	
81	4134 - Aspe	en, Spruce/	Fir	Poletimber Well	24.3	35	1-50	N/A		This stand was split from original stand as it is growing a more pure
	Canopy Species	% Cover	Size Class	DBH Age						stand of aspen, larger diameters than stand 56. Some stems already 6"+
	Balsam Fir	15	Log	3						
	Bigtooth Aspen	10	Sapling	5						
	White Spruce	10	Log	3						
	Quaking Aspen	65	Sapling	5 35						
82	4319 - Mixed	•		oletimber Mediun	n 2.2	66	1-50	N/A		Stand contains stream drainage from lowland to beaver pond
	Canopy Species	% Cover	Size Class	DBH Age						
	White Pine	15		10						
	Balsam Fir	20	Sapling	6						
	Quaking Aspen	45		9 66						
	Red Maple	10		9						
	Red Maple	10		9						



Stand	Level 4 C	over Type		Size De	ensity	Acres	Stand Age	BA Range	Managed Sit	е	General Comments
83	4134 - Aspe	en, Spruce/	/Fir	Sapling	g Well	3.3	35	1-50	N/A		
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Balsam Fir	10	Pole	4							
	Bigtooth Aspen	10	Sapling	5							
	Quaking Aspen	70	Pole	4	35						
	White Spruce	10	Pole	4							
84	6122 - BI	ack Spruce	e Po	oletimbe	r Medium	n 3.8	100	1-50	N/A		Stand is along a drop off from the aspen stand down to an lowland
	Canopy Species	% Cover	Size Class	DBH	l Age						type. Stems still too small for merchantability.
	Balsam Poplar	10	Seedling	7							
	Balsam Fir	5	Pole	4							
	Tamarack	5	Seedling	6							
	Black Spruce	70	Sapling	5	100						
No	rthern White Cedar	5	Seedling	6							
	Paper Birch	5	Seedling	7							
85	622 - Lov	vland Shrub	)	Noi	ne	29.2			No		Mostly Black River and creeks flood plain.
	622 - Lowland Shrub										
86	622 - Lov	vland Shrub	)	Noi	ne	1.1			No		tag alder
86	622 - Lov	vland Shrub	)	Noi	ne		nopy Specie	es Density	No Avg. Height	Size	tag alder
86	622 - Lov	vland Shrub	)	Noi	ne	Sub-Ca	n <b>opy Speci</b> o g Alder	es Density Medium		<b>Size</b> 5 - 10 feet	tag alder
86	622 - Lov 4136 - Asper			Noi Sapling		Sub-Ca			Avg. Height		tag alder  The mature white pine was left. Aspen regeneration is doing good.
		n, Mixed Co		Sapling		Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
	4136 - Asper	n, Mixed Co	nifer	Sapling	g Well	Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
	4136 - Asper Canopy Species	n, Mixed Co <b>% Cover</b>	nifer	Sapling	g Well	Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
	4136 - Asper Canopy Species White Pine	n, Mixed Co  **Cover	nifer Size Class	Sapling  DBH  12	g Well	Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
	4136 - Asper  Canopy Species  White Pine  Balsam Fir	n, Mixed Co  **Cover** 10 5	nifer Size Class	Sapling  DBH  12	g Well	Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce	n, Mixed Co  **Cover 10 5 5 80	Size Class  Log Log Log Log	Sapling  DBH  12  2  2	g Well  I Age	Sub-Cai	g Alder	Medium	Avg. Height 5 - 10 feet		
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen	n, Mixed Co  **Cover* 10 5 5 80 en, Spruce/	Size Class  Log Log Log Log	Sapling  DBH  12  2  2  3  Poletimb	g Well  I Age	13.4 17.6	g Alder 18	Medium Immature 81-110	Avg. Height 5 - 10 feet N/A		The mature white pine was left. Aspen regeneration is doing good.
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen  4134 - Asper	n, Mixed Co  **Cover* 10 5 5 80 en, Spruce/	Size Class  Log Log Log Log	Sapling  DBH  12  2  2  3  Poletimb	g Well  I Age  18	17.6 Sub-Car	g Alder 18 55	Medium Immature 81-110	Avg. Height 5 - 10 feet  N/A	5 - 10 feet	The mature white pine was left. Aspen regeneration is doing good.
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen  4134 - Asper  Canopy Species	n, Mixed Co  ** Cover  10  5  5  80  en, Spruce/ ** Cover	Log Log Log Log Size Class	Sapling  DBH  12  2  2  3  Poletimb  DBH	g Well  I Age  18	17.6 Sub-Car	g Alder  18  55  nopy Specie	Immature  81-110 es Density	Avg. Height 5 - 10 feet  N/A  N/A  Avg. Height	5 - 10 feet Size	The mature white pine was left. Aspen regeneration is doing good.
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen  4134 - Asper  Canopy Species  Balsam Fir	n, Mixed Co  **Cover* 10 5 5 80  en, Spruce/ **Cover* 10	Log Log Log Log Size Class Sapling	Sapling  DBH  12  2  2  3  Poletimb  DBH  6	y Well I Age 18 arer Well I Age	17.6 Sub-Car	g Alder  18  55  nopy Specie	Immature  81-110 es Density	Avg. Height 5 - 10 feet  N/A  N/A  Avg. Height	5 - 10 feet Size	The mature white pine was left. Aspen regeneration is doing good.
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen  4134 - Asper  Canopy Species  Balsam Fir  Quaking Aspen	n, Mixed Co  **Cover* 10 5 80  en, Spruce/ **Cover* 10 50	Log Log Log Virir Size Class Sapling Sapling	Sapling   DBH   12   2   2   3	y Well I Age 18 arer Well I Age	17.6 Sub-Car	g Alder  18  55  nopy Specie	Immature  81-110 es Density	Avg. Height 5 - 10 feet  N/A  N/A  Avg. Height	5 - 10 feet Size	The mature white pine was left. Aspen regeneration is doing good.
88	4136 - Asper  Canopy Species  White Pine  Balsam Fir  White Spruce  Quaking Aspen  4134 - Asper  Canopy Species  Balsam Fir  Quaking Aspen  Bigtooth Aspen	n, Mixed Co  **Cover   10   5   5   80    en, Spruce/  **Cover   10   50   5	Log Log Log Size Class  Size Class  Sapling Sapling Sapling	Sapling   DBH   12   2   2   3   3     Poletimb   6   7   6   6	y Well I Age 18 arer Well I Age	17.6 Sub-Car	g Alder  18  55  nopy Specie	Immature  81-110 es Density	Avg. Height 5 - 10 feet  N/A  N/A  Avg. Height	5 - 10 feet Size	The mature white pine was left. Aspen regeneration is doing good.



Stand	d Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age B	A Range	Managed Si	ite	General Comments
91	6117 - Lowland Deciduous, Mixed Pol Coniferous			oletimber Medium		3.4 75		1-50	N/A		This was a portion of a previous timber sale that was left due to be extremely wet and poorly stocked.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	Balsam Poplar	10		8		Ta	g Alder	Low	Variable	Variable	
	Red Maple	30		8	75	Co	onifers	High	Variable	Variable	
	White Spruce	5	Seedling	6							_
	Paper Birch	5	Seedling	7							
No	orthern White Cedar	10	Seedling	8							
	Balsam Fir	5	Seedling	6							
	White Pine	15		12							
	Quaking Aspen	20	Seedling	7							
92	6225	5 - Bog		Nor	ne	0.8			No		small bog , steep ridges all around.
94	42110 - Pla	nted Red P	ine Sa	awtimber Medium				51-80	N/A		Red pine and white pine were left after last entry. Planting records
		0/ 0				Sub-Canopy Species		D ! !	Avg. Height	0:	Hommoor were lound.
	Canopy Species	% Cover	Size Class		Age	Sub-Car	10py Species	Density	Avg. neight	Size	
	Canopy Species Red Pine	% Cover	Size Class	14	95		onifers	Medium	Variable	Variable	
			Size Class			Co					
95	Red Pine White Pine	90		14	95	Co	onifers ing Aspen	Medium	Variable	Variable 10 - 20 feet	Regeneration is well established. Most of the red pine was cut out in
95	Red Pine White Pine	90 10 - Aspen		14 14 Sapling	95	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
95	Red Pine White Pine 4130	90 10 - Aspen		14 14 Sapling	95 Well	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	
95	Red Pine White Pine 4130 Canopy Species	90 10 - Aspen % Cover	Size Class	14 14 Sapling	95 Well	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
95	Red Pine White Pine 4130 Canopy Species Quaking Aspen	90 10 - Aspen % Cover	Size Class	14 14 Sapling DBH	95 Well	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
95	Red Pine White Pine  4130 Canopy Species Quaking Aspen White Spruce	90 10 - Aspen % Cover 75 5	Size Class	14 14 Sapling DBH 2 2	95 Well	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
95	Red Pine White Pine  4130 Canopy Species Quaking Aspen White Spruce White Pine	90 10 - Aspen % Cover 75 5 5	Size Class Log Log	14 14 Sapling DBH 2 2 2	95 Well	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
95	Red Pine White Pine  4130  Canopy Species Quaking Aspen White Spruce White Pine Balsam Fir Bigtooth Aspen	90 10 - Aspen % Cover 75 5 5	Size Class Log Log	14 14 Sapling DBH 2 2 12 2	Well Age 23	Quaki	onifers ing Aspen	Medium Medium	Variable 10 - 20 feet	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due
	Red Pine White Pine  4130  Canopy Species Quaking Aspen White Spruce White Pine Balsam Fir Bigtooth Aspen	90 10 - Aspen % Cover 75 5 5 10	Size Class Log Log Log Log	Sapling  DBH  2 2 12 2 12 3  Nor	Well Age 23	Quaki 64.6	onifers ing Aspen 23 li	Medium Medium	Variable 10 - 20 feet N/A	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due to being cut through in 2018.  Small bog, steep ridges all around.  Stand was cut in 2002. All of the white pine and red pine were left.
96	Red Pine White Pine  4130  Canopy Species Quaking Aspen White Spruce White Pine Balsam Fir Bigtooth Aspen  6225  42140 - Plan  Canopy Species	90 10 10 - Aspen 75 5 5 5 10 5 - Bog ted Mixed F % Cover	Size Class Log Log Log Log	Sapling  DBH  2 2 12 2 12 2 3  Nor  Sawtimb	Well Age 23  nee er Well Age	1.6 7.6 Sub-Car	onifers ing Aspen 23 In 95 nopy Species	Medium Medium mmature  81-110 Density	Variable 10 - 20 feet  N/A  No  N/A  Avg. Height	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due to being cut through in 2018.  Small bog , steep ridges all around.
96	Red Pine White Pine  4130  Canopy Species Quaking Aspen White Spruce White Pine Balsam Fir Bigtooth Aspen  6225  42140 - Plan  Canopy Species Red Pine	90 10 10 - Aspen % Cover 75 5 5 10 5 - Bog ted Mixed F % Cover 55	Size Class  Log  Log  Log  Log  Spine	Sapling  DBH  2 2 12 2 12 2 3  Nor  Sawtimb	Well Age 23	Co Quaki 64.6 1.6 7.6 Sub-Car	95 nopy Species d Maple	Medium Medium mmature  81-110  Density Medium	Variable 10 - 20 feet  N/A  No  N/A  Avg. Height  Variable	Variable 10 - 20 feet  Size  Variable	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due to being cut through in 2018.  Small bog , steep ridges all around.  Stand was cut in 2002. All of the white pine and red pine were left.  This stand has more white pine and a higher basal area than the
96	Red Pine White Pine  4130  Canopy Species Quaking Aspen White Spruce White Pine Balsam Fir Bigtooth Aspen  6225  42140 - Plan  Canopy Species	90 10 10 - Aspen 75 5 5 5 10 5 - Bog ted Mixed F % Cover	Size Class  Log  Log  Log  Log  Spine	Sapling  DBH  2 2 12 2 12 2 3  Nor  Sawtimb	Well Age 23  nee er Well Age	Co Quaki 64.6 1.6 7.6 Sub-Car	onifers ing Aspen 23 In 95 nopy Species	Medium Medium mmature  81-110 Density	Variable 10 - 20 feet  N/A  No  N/A  Avg. Height	Variable 10 - 20 feet	2018 as part of Sledgehammer mix. Mix of regen sizes from 1"-3" due to being cut through in 2018.  Small bog , steep ridges all around.  Stand was cut in 2002. All of the white pine and red pine were left.  This stand has more white pine and a higher basal area than the

Report 7 - Stands

Compartment: 164 Year of Entry: 2027



Stand	Level 4 C	over Type	;	Size De	nsity	Acres	Stand Age E	A Range	Managed Sit	te	General Comments
101	6139 - Mixed	Lowland Fo	orest Po	letimbe	r Medium	145.1	85		N/A		Contains Black River and creeks flood plain.
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
,	White Spruce	10		9		Ta	ag Alder	Medium	5 - 10 feet	5 - 10 feet	
	Black Spruce	5	Sapling	5							
	Balsam Fir	10	Sapling	6							
	White Pine	10		12							
	Paper Birch	15		9							
	Red Pine	5		12							
Nort	hern White Cedar	10	Sapling	7							
C	Quaking Aspen	20		9	85						
	Red Maple	15		9							
102 4	4112 - Maple, Beec	h, Cherry A	ssociation Sa	wtimbe	Medium	2.9	102	51-80	N/A		Stand was thinned in 2010. Still low basal area, with very little
(	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	hardwood regen present. Look to shelterwood or seedtree next entry if regen is still not present.
	Red Maple	20		8		Suç	gar Maple	Low	Variable	Variable	regen to dail not present.
	Paper Birch	5	Seedling	8		C	Conifers	High	Variable	Variable	
	Sugar Maple	70		10	102						-
C	Quaking Aspen	5		10							
104	4134 - Aspe	en, Spruce/	Fir	Sapling	y Well	10.7	15	Immature	N/A		Stand was cut on 2010. Some larger birch seed trees were left.
(	Canopy Species	% Cover	Size Class	DBH	l Age						Primarily an aspen stand now.
C	Quaking Aspen	50	Log	2	15						
	Red Maple	10	Log	2							
	Paper Birch	20	Log	2							
	Balsam Fir	10	Log	2							
1	White Spruce	10	Log	2							
105	•	vland Aspe	n Po	letimbe	r Medium	23.4	81	51-80	N/A		This stand surrounds an intermittent stream. It was left last time as a
	•	•	n Po		r Medium		81 nopy Species		N/A Avg. Height	Size	This stand surrounds an intermittent stream. It was left last time as a buffer and it is overall very poor quality.
	6112 - Lov	•				Sub-Ca				<b>Size</b> Variable	
	6112 - Lov Canopy Species	% Cover	Size Class	DBH		Sub-Ca	nopy Species	Density	Avg. Height		
(	6112 - Lov Canopy Species Black Ash	<b>% Cover</b>	Size Class Seedling	<b>DB</b> H		Sub-Ca	nopy Species Conifers	<b>Density</b> Low	Avg. Height Variable	Variable	
(	6112 - Lov Canopy Species Black Ash Balsam Fir	% Cover 10 20	Size Class Seedling Seedling	<b>DB</b> H 6 6		Sub-Ca	nopy Species Conifers	<b>Density</b> Low	Avg. Height Variable	Variable	
E	6112 - Lov Canopy Species Black Ash Balsam Fir Balsam Poplar	% Cover 10 20 15	Size Class Seedling Seedling Seedling	<b>DBH</b> 6 6 8		Sub-Ca	nopy Species Conifers	<b>Density</b> Low	Avg. Height Variable	Variable	
E	6112 - Lov Canopy Species Black Ash Balsam Fir Balsam Poplar Red Maple	% Cover 10 20 15 5	Size Class Seedling Seedling Seedling Seedling	<b>DBH</b> 6 6 8		Sub-Ca	nopy Species Conifers	<b>Density</b> Low	Avg. Height Variable	Variable	

Sault Ste. Marie Mgt. Unit

OF NATURAL
DNR
MICHIGAN

Stand	Level 4 C	over Type		Size Der	nsity	Acres	Stand Age B	A Range	Managed Si	te	General Comments
107	4191 - Mixed Upl Co	and Decidu onifer	ous with Sa	wtimber	Medium	10.6	73	1-50	N/A		Mackinac mix upland stand with some lower wet areas. Sparse aspen, maple, spruce overstory with thick balsam fir understory. Cedar where
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wettest.
	White Spruce	5		10		Re	ed Maple	Low	Variable	Variable	
(	Quaking Aspen	20		10		Ва	alsam Fir	High	Variable	Variable	
	Balsam Poplar	20		10	73						_
	Red Maple	20		10							
	Balsam Fir	20	Sapling	5							
	White Pine	5		12							
Nor	thern White Cedar	10	Seedling	6							
108	4134 - Asp	en, Spruce	/Fir F	Poletimbe	er Well	71.4	41	1-50	N/A		Very nice aspen stand. It is just transitioning into a pole stand. There is still lots of sapling size trees. Some areas of merchantability. More
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	conifer on east side of stand.
(	Quaking Aspen	65	Sapling	5	41	C	Conifers	Medium	< 5 feet	< 5 feet	
	Bigtooth Aspen	10	Sapling	6							
	Balsam Fir	15	Pole	4							
	White Spruce	5	Pole	4							
	Paper Birch	5	Pole	4							
109	4110 - Sugar N	/laple Asso	ciation S	Sawtimbe	er Well	32.8	113	111-140	N/A		Stand was thinned in 2009. Nice hardwood stand.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Sugar Maple	90		10	113	Sug	gar Maple	Medium	Variable	Variable	
	Red Maple	10		9			Beech	Low	Variable	Variable	
112	4134 - Asp	en, Spruce	/Fir	Sapling	Well			Immature	N/A		Aspen/balsam fir stand. Aspen saplings growing with small balsam
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	poles that were residual from harvest.
	Bigtooth Aspen	15	Log	3		C	Conifers	Medium	< 5 feet	< 5 feet	
	White Spruce	15	Sapling	5							
	Balsam Fir	15	Sapling	5							
	Paper Birch	5	Log	3							
	Red Maple	10	Log	2							
(	Quaking Aspen	40	Log	3	30						
114	4130	- Aspen	F	Poletimbe	er Well	7.1	41	1-50	N/A		Nice aspen stand. It is just transitioning into a pole stand. There is still
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	lots of sapling size trees.
	Bigtooth Aspen	10	Sapling	5		C	Conifers	Medium	5 - 10 feet	5 - 10 feet	
	White Spruce	5	Pole	4							_
	Balsam Fir	10	Pole	4							
	Paper Birch	5	Pole	4							
(	Quaking Aspen	70	Sapling	5	41						



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age E	BA Range	Managed S	ite	General Comments
115	4134 - Aspe			Sapling		17.1	17	Immature	N/A	<b>L</b>	Stand was cut in 2008 Black River Blues . Mostly aspen regeneration.
	Canopy Species		Size Class		l Age						
	Quaking Aspen	60	Log	2	17						
	Bigtooth Aspen	5	Log	2							
	White Spruce	10	Log	1							
	Paper Birch	10	Log	1							
	Red Maple	5	Log	1							
	Balsam Fir	10	Log	1							
116	4134 - Aspe			Poletimb	er Well	2.2	87	51-80	N/A		Small stand of large pole/small saw sized aspen with some maple
	Canopy Species		Size Class		l Age		nopy Species		Avg. Height	Size	
	White Spruce	10	Seedling	7		C	Conifers	High	Variable	Variable	
	Bigtooth Aspen	20		9							
	Balsam Fir	10	Seedling	7							
	Red Maple	10		10							
	Quaking Aspen	50		9	87						
118	4130	- Aspen		Sawtimb	er Well	4.9	95	81-110	N/A		Steep buffer between the road and Black River.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Paper Birch	5		8		C	Conifers	High	Variable	Variable	
	White Spruce	10		10							
	Quaking Aspen	80		12	95						
	Balsam Fir	5	Seedling	8							
120	6128 - Lowland Dec	Coniferous, iduous	Mixed	Poletimb	er Well	5.6	132	51-80	N/A	<b>.</b>	This was a wet area of the original stand that was cut 34 years ago. It was left for retention and diversity.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
Nor	rthern White Cedar	40	Sapling	7	132	Ta	ag Alder	Medium	Variable	Variable	
	Balsam Fir	10	Seedling	7		Ba	ılsam Fir	High	10 - 20 feet	10 - 20 feet	
	Black Spruce	30	Sapling	5							
	Paper Birch	10	Seedling	8							
	Balsam Poplar	10	Seedling	8							
121	4134 - Aspe	en, Spruce/	Fir	Sapling	y Well	41.3	34	Immature	N/A		Nice aspen stand. All regeneration is doing good.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Maple	5	Log	3		C	Conifers	Medium	5 - 10 feet	5 - 10 feet	
	Quaking Aspen	50	Pole	4	34						
	White Pine	5		10							
	Paper Birch	20	Pole	4							
	White Spruce	10	Log	2							
	Balsam Fir	10	Log	3							



Stand	Level 4 Co	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed Site	)	General Comments
123	6122 - Bl	ack Spruce	<b>:</b>	Sapling	Well	8.4	100	1-50	N/A		Very wet black spruce. Some cedar in the stand.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Black Spruce	80	Pole	4	100						
Nor	thern White Cedar	20	Sapling	5							
124	4136 - Aspen	, Mixed Co	nifer	Sapling	Well	39.6	18	Immature	N/A		Stand was cut in 2008 and 2009. Hemlock and cedar around the wet area and along the creek buffer. The north part was a red pine seed
	Canopy Species	% Cover	Size Class	DBH	Age						tree but it has mostly come back to aspen.
	White Spruce	5	Log	2							·
	Paper Birch	5	Log	2							
	Hemlock	5		10							
	Red Pine	10		12							
Nor	thern White Cedar	5	Pole	4							
	Red Maple	15	Log	2							
	Balsam Fir	5	Log	2							
(	Quaking Aspen	50	Log	2	18						
125	4134 - Aspe	en, Spruce/	Fir	Poletimb	er Well	4.2	62	81-110	N/A		Most of stand is within 300' of creek buffer
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	
	Paper Birch	5	Seedling	9		С	onifers	High	Variable	Variable	
	White Spruce	10	Seedling	9				1			
(	Quaking Aspen	60	Seedling	9	62						
	Balsam Fir	10	Seedling	7							
	Red Maple	10	Seedling	8							
	Bigtooth Aspen	5	Seedling	9							
126	42110 - Plar	nted Red P	ine	Sawtimb	er Well	2.0	95	111-140	N/A		This stand has been left as a buffer along the creek and for super
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Specie	es Density	Avg. Height	Size	canopy trees.
	Red Pine	100		16	95	Re	d Maple	Medium	Variable	Variable	
						Ва	lsam Fir	High	Variable	Variable	
129	42110 - Plar	nted Red P	ine	Poletimb	er Well	55.2	20	51-80	N/A		Transitioning to pole size
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Pine	95	Sapling	5	20						
(	Quaking Aspen	5	Log	3							
132	42110 - Plar	nted Red P	ine	Poletimb	er Well	19.1	33	51-80	N/A		Stand is doing great.
	Canopy Species	% Cover	Size Class	DBH	Age						
	Red Pine	100	Sapling	6	33						
	Red Pine	100	Sapling	6	33						



Stand	I Level 4 C	over Type		Size De	ensity	Acres	Stand Age B	A Range	Managed Sit	е	General Comments
133	4113 - R.M	laple, Conif	er	Saplin	g Well	9.9	33	Immature	N/A		Upland Mackinac Mix stand heavy towards red maple. There was red oak planted in the stand 20 years ago but I didn't see any. Failed
	Canopy Species	% Cover	Size Class	DBH	l Age						attempt at oak and pine planting.
	White Pine	5	Log	4							
	Red Maple	50	Log	3	33						
	Red Pine	15	Seedling	6							
	Balsam Fir	10	Log	2							
	Quaking Aspen	10	Log	3							
	Black Cherry	10	Log	2							
134	42110 - Pla	nted Red P	ine	Poletimb	er Well	11.0	33	51-80	N/A		Red pine is doing great.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Pine	100	Sapling	6	33						
137	42110 - Pla	nted Red P	ine	Sawtimb	er Well	17.6	85	111-140	N/A		Stand was thinned in 2010. Beginning to get thick understory maple
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	regen.
	Red Pine	100		16	85	Re	d Maple	High	Variable	Variable	
						С	onifers	Low	Variable	Variable	
138	42110 - Pla	nted Red P	ine	Sapling	g Well	47.8	15	Immature	N/A		Red pine is doing good. Release sprayed on 9/9/2017.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Pine	95	Log	2	15						
	Pin Cherry	5	Log	1							
140	4112 - Maple, Beed	h, Cherry A	ssociation P	oletimbe	r Medium	n 2.3	95	81-110	N/A		Small hill of hardwood and filled in opening with aspen in the pine
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	plantation. Adds nice diversity.
	Sugar Maple	60		9	95	Sug	gar Maple	Medium	Variable	Variable	
	Red Maple	15		10		I	Beech	High	Variable	Variable	
	Quaking Aspen	20	Pole	4		Quak	king Aspen	Medium	Variable	Variable	
	Beech	5		12							-
142	6225	5 - Bog		No	ne	3.0			No		Wet open bog
144	122 - Road	d/Parking Lo	ot	No	ne	6.0			No		H-40
171	6139 - Mixed			oletimbe		n 10.7	110	1-50	N/A		Stand has been flooded for years. Most of the birch is dead.
	Canany Chasics	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species		Avg. Height	Size	
	Canopy Species										
	Black Spruce	50	Sapling	7	110	С	onifers	Medium	Variable	Variable	
			Sapling Seedling	7 7 6	110	С	onifers	Medium	Variable	Variable	



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Si	ite	General Commer	nts Michigan	
410	4319 - Mixed Upland Forest			Poletimber Poor		11.2	50	1-50	N/A		Filling in with spruce, birch and aspen. Treat when 109 is had	Treat when 109 is harvested	
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size			
	Red Maple	5	Sapling	5		Qual	king Aspen	Low	Variable	Variable			
	Paper Birch	20	Seedling	6	50	Re	ed Maple	Trace	Variable	Variable			
	Quaking Aspen	20	Seedling	6							_		
	Black Cherry	10	Seedling	6									
	Jack Pine	5	Seedling	6									
	White Spruce	20	Seedling	8									
	White Pine	10	Seedling	8									
	Balsam Fir	10	Seedling	6									
417	4199 - Other Mixe	ed Upland D	eciduous	Sapling I	Medium	7.7	20	mmature	N/A		Burned in 05 to convert U type back to	G0. Lots of aspen and cherry	
	Canopy Species	% Cover	Size Class	DBH	l Age						in it now.		
	Red Maple	25	Log	2									
	Quaking Aspen	30	Log	2	20								
	Balsam Fir	10	Log	2									
	Black Cherry	30	Log	2									
	White Pine	5	Sapling	6									
435	310 - Herbad	eous Open	land	Nor	ne	25.8			Yes		Some knolls of soft maple. Might be we	orth burning. Some thick	
						Sub-Canopy Species		s Density	Avg. Height	Size	patches of blue and black berries		
						Ма	ple (spp.)	Low	>20 feet	>20 feet			
						W	hite Pine	Low	>20 feet	>20 feet			
447	310 - Herbac	eous Open	land	Nor	ne	9.1			Yes		Grass opening with some encroaching	maple and aspen saplings.	
						Sub-Ca	nopy Species	Density	Avg. Height	Size	Scattered white pine throughout.		
						Ма	ple (spp.)	Medium	Variable	Variable			
						W	hite Pine	Medium	>20 feet	>20 feet			
						Qual	king Aspen	Low	Variable	Variable			