

Compartment Review Presentation

Shingleton Forest Management Unit

Compartment 41118
Entry Year 2026
Acreage: 3,559

County Schoolcraft

Management Area: Seney Lake Plain

Stand Examiner: Scott Kentner

Legal Description:

T46N R14W Sections 22, 23, 25-28

Identified Planning Goals:

This compartment has traditionally been managed for wildlife species using large openings.

Soil and topography:

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Collingwood and Utica Shales and the Trenton Group subcrop below the glacial drift. The Trenton is quarried for stone/dolomite. Gravel pits at not found in the general area and potential appears to be limited. There is no commercial oil and gas production in the UP.

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

The entire compartment is state owned land. There are private hunting camps to the northwest of the compartment.

Unique Natural Features:

No Unique Natural Features known.

Archeological, Historical, and Cultural Features:

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

Special Management Designations or Considerations:

none

Watershed and Fisheries Considerations:

This compartment contains Clark Ditch, Twomile Ditch, and Holland Ditch. Clark Ditch, Twomile Ditch, and Holland Ditch are non-designated streams less than 50-ft wide that have predicted mean July water temperatures that range from 61.9 to 65.5 °F (cold streams). 100-foot, plus 5 feet per 1% increase in slope, buffers are recommended for Clark Ditch, Twomile Ditch, and Holland Ditch to protect riparian areas in accordance with Best Management Practices.

Wildlife Habitat Considerations:

This compartment is bounded on the south by M-28 and contains the Holland Ditch (creek). The landscape in the western portion of the compartment is dominated by large grassy openings and on the east by marsh/pine ridge systems. The first surveyors noted the entire compartment was comprised of the marsh/pine ridge systems. Circa 1900, several ditches were dug to drain this area for agricultural purposes. In the western portion of the compartment these efforts resulted in dry, fairly sterile grass systems containing dried peat lenses in the soils. In the eastern portion of the compartment, drainage efforts converted sedge dominated wetlands into willow dominated wetlands. Pre-settlement forest on the ridges contained tamarack, spruce, red pine, and white pine.

Current vegetation is substantially different from the pre-settlement condition. The western portion of the compartment is dominated by sparse grass in a large opening complex. There has been an increase in the amount of aspen, jack pine, and willow with a concurrent decrease in wet sedge meadow, tamarack, and spruce.

The wildlife habitat objectives in this compartment center upon maintaining the large opening complexes for associated species and preventing any further damage of the hydrological system in the area.

Mineral Resource and Development Concerns and/or Restrictions

Surface sediments consist of lacustrine (lake) sand and gravel. There is insufficient data to determine the glacial drift thickness. The Ordovician Collingwood and Utica Shales and the Trenton Group subcrop below the glacial drift. The Trenton is quarried for stone/dolomite. Gravel pits at not found in the general area and potential appears to be limited. There is no commercial oil and gas production in the UP.

Vehicle Access:

Although there are two dirt roads in the west part of the compartment, vehicular access to the majority of the compartment is non-existent.

Survey Needs:

none.

Recreational Facilities and Opportunities:

There are no DNR recreational facilities within the compartment, but there is a MDOT rest area on M-28 in section 27. This compartment is used by deer, bear and bird hunters.

Fire Protection:

Fire operations will be difficult due to the lack of roads, the number of ditches and drainages present and the predominantly organic soil types.

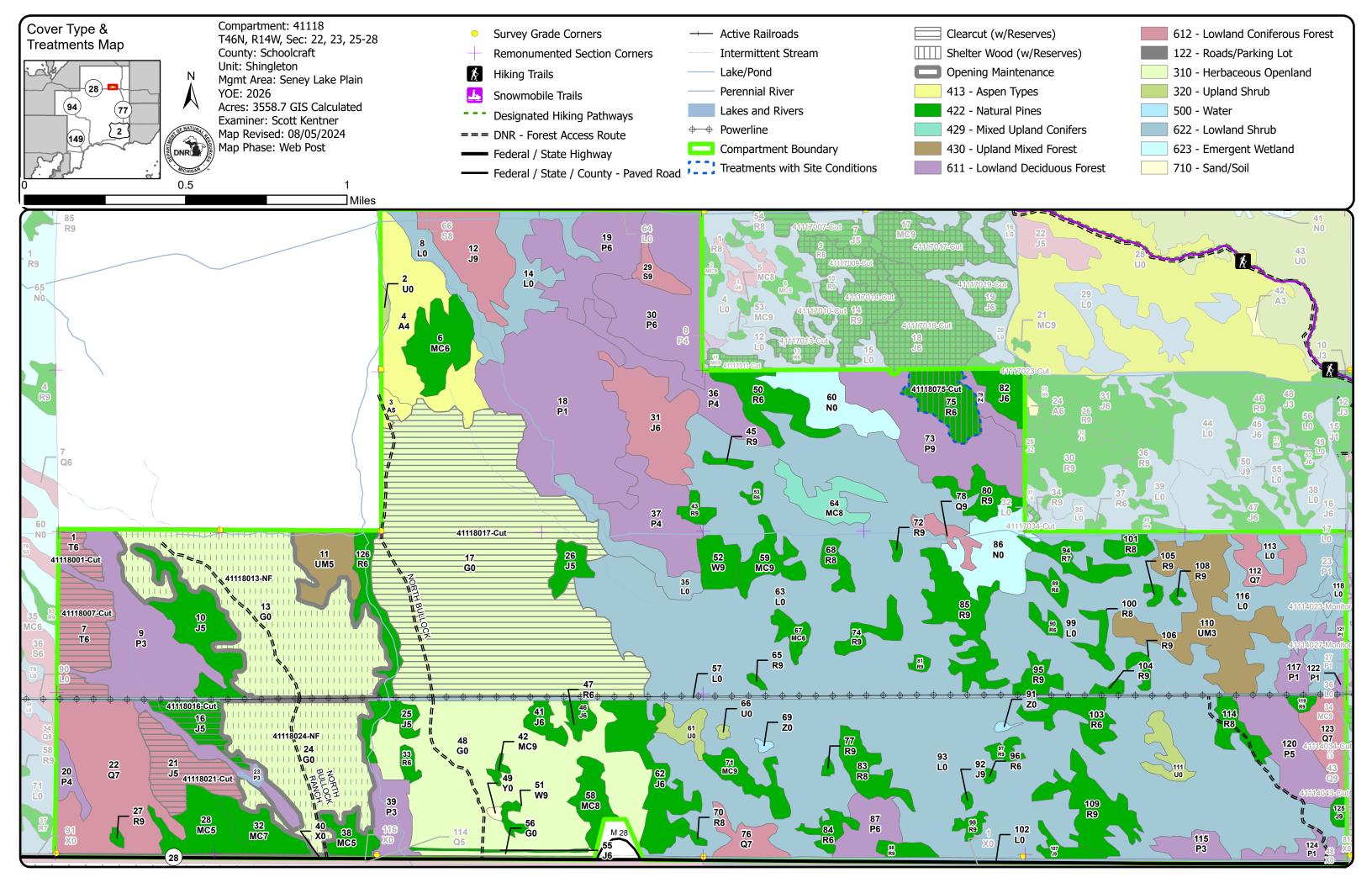
Additional Compartment Information:

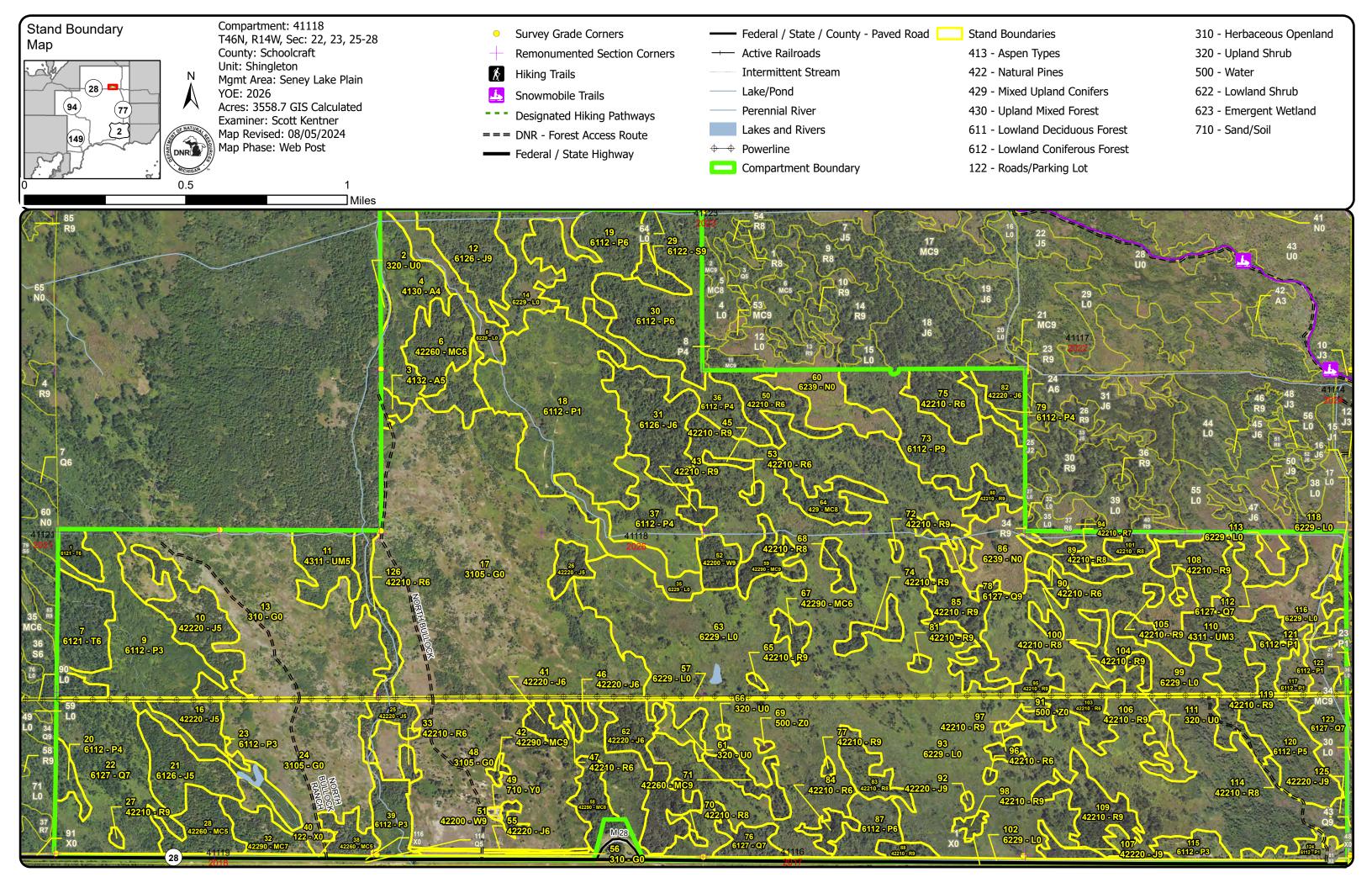
The following reports from the Inventory are attached:

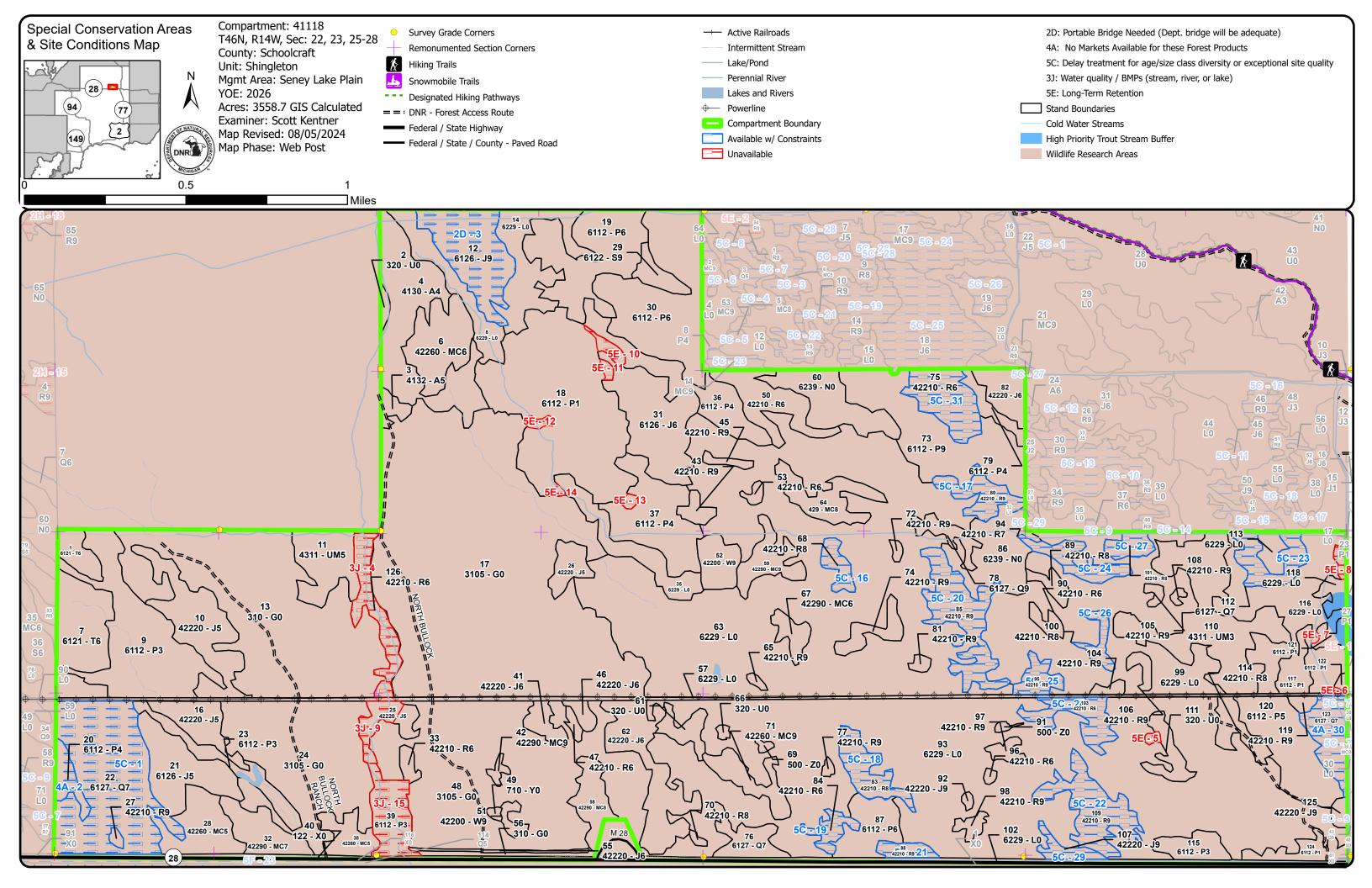
Total Acres by Cover Type and Age Class
Cover Type by Harvest Method
Proposed Treatments – No Limiting Factors
Proposed Treatments – With Limiting Factors
Stand Details (Forested and Nonforested)
Dedicated and Proposed Special Conservation Areas
Site Condition Details

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







Shingleton Mgt. Unit Scott Kentner: Examiner



Age Class

	Į gor		3 / 8	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				3/8	8 / R	R / &			707	\$ \{\delta\}	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			Jret Jret	No. of the second
Aspen	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Herbaceous Openland	760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	760
Jack Pine	0	0	0	0	22	120	97	6	1	3	0	0	0	0	0	0	0	0	249
Lowland Aspen/Balsam Poplar	0	145	96	18	159	122	8	0	0	0	0	0	0	0	0	0	0	0	548
Lowland Conifers	0	0	0	0	0	0	0	0	19	82	32	0	0	0	0	0	0	0	132
Lowland Shrub	1134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1134
Lowland Spruce/Fir	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	7
Marsh	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
Natural Mixed Pines	0	0	0	0	27	23	20	27	28	0	2	0	0	0	0	0	0	0	127
Red Pine	0	0	0	0	0	0	2	26	113	116	16	3	0	0	0	0	0	0	274
Sand, Soil	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tamarack	0	0	0	0	0	35	9	0	0	0	0	0	0	0	0	0	0	0	44
Upland Conifers	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	17
Upland Mixed Forest	0	0	0	63	0	23	0	0	0	0	0	0	0	0	0	0	0	0	86
Upland Shrub	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Urban	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Water	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
White Pine	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	15
Total	1986	145	96	141	208	323	136	83	161	201	65	3	0	0	0	0	0	0	3545



Report 2 – Treatment Summary

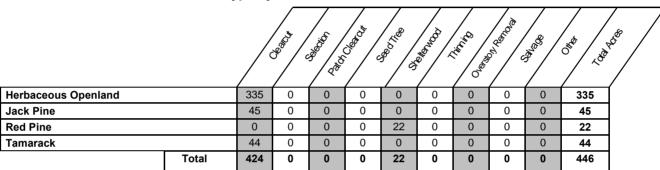
Shingleton Mgt. Unit Year of Entry: 2026

Acres of Harvest

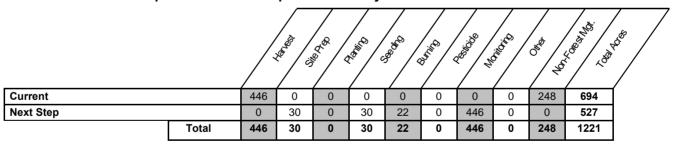
Compartment 118
Total Compartment Acres: 3,559

Commercial Harvest - 424 Harvests with Site Condition - 22 Next Step Harvest - 0 Habitat Cut - 0

Cover Type by Harvest Method



Proposed and Next Step Treatments by Method



Shingleton Mgt. Unit Report 3 -- Treatments Compartment: 118 s Year of Entry: 2026 t а **Treatment** Acres Stand Size Stand BA **Treatment Treatment** Cover Type Age Habitat n Method Objective Name CoverType Density Age Range Type Structure Cut d

Proposed Treatments:

41118001-Cut 8.7 6121 - Tamarack Poletimber 59 81-110 Harvest Clearcut with 613 - Lowland Even-Aged No Mixed Forest Well Retention

Prescription Clear-cut with Retention: Remove all species within stand, Leave retention within patch along stand edge

Specs:

Next Step Monitoring, Natural Regen (Re-Inventory)

Treatments:

Acceptable Any species currently on site.

Regen:

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

41118007-Cut 35.3 6121 - Tamarack Poletimber 47 81-110 Harvest Clearcut with 613 - Lowland Even-Aged Nο Well Retention Mixed Forest

Prescription Clear-cut with Retention: Remove all species within stand, Leave retention within patch along stand edge.

Specs:

Monitoring, Natural Regen (Re-Inventory) Next Step

Treatments:

Acceptable any species currently on site.

Regen: Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

310 -41118013-NF 154.2 310 - Herbaceous Nonstocked NonForestMgt Herbaceous/Crop No Openland /Grass Planting Herbaceous Openland

Prescription Tallgrass Prairie Restoration to establish native warm and cool season grasses on Bullock Ranch for sharp-tail grouse and other wildlife species. Activities including; Mowing, Brushing, Masticating, Shrub planting, Fruit/Mast tree planting, Spraying, Farming operations for native Specs:

grasses.

Next Step

Treatments:

Acceptable

Regen:

Other

Comment:

Site Condition

Proposed Start Date: 10/1 /2025

s t		Shingleton	Mgt. Unit		Repo	rt 3 ⁻	Treatments		Compartmer Year of Entr		OF NATURAL DING
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
16	41118016-Cu	t 15.0	42220 - Natural Jack Pine	Poletimbe Medium	r 50	51-80	Harvest	Clearcut	310 - Herbaceous Openland		No
Pres Spe	•	-cut: Remov	e all species within	n stand dow	n to 2".	Leave no	retention as we	e are converting sta	and to open land f	or WLD habita	at.
	t Step Monit	oring, Natura	al Regen (Re-Inve	ntory)							
Acce Reg	<u>eptable</u> Open <u>en:</u>	ing area, gra	ass/shrubs.								
Othe Com	<u>er</u> nment:										
Site	Condition										
Prop	oosed Start Dat	<u>e:</u> 10/1 /20	25								
17	41118017-Cu		3105 - Mixed Ipland Herbaceous	Nonstocke	ed		Harvest	Clearcut	310 - Herbaceous Openland		No
Pres Spe		cut: Cut all t	rees within stand l	eaving no re	etention	. Purpose	is to reestablis	h grass opening.			
	t Step Monit atments:	oring, Natura	al Regen (Re-Inve	ntory)							
Acce Reg	eptable Grass en:	3									
Othe Com	<u>er</u> nment:										
Site	Condition										
Prop	oosed Start Dat	<u>e:</u> 10/1 /20	25								
21	41118021-Cu	t 29.6	6126 - Lowland Jack Pine	Poletimbe Medium	r 49	51-80	Harvest	Clearcut with Retention	613 - Lowland Mixed Forest	Even-Aged	No
Pres Spe		-cut with Ref	tention: Remove a	II species w	ithin sta	and. Leave	e retention in pa	tch/clump along st	and's edge.		
	t Step SiteP atments:	rep, Scarific	ation; Seeding, M	lachine See	d; Mo	nitoring, N	latural Regen (f	Re-Inventory)			

Other Comment:

Site Condition

Proposed Start Date: 10/1 /2025

<u>Acceptable</u> Any species currently on site. <u>Regen:</u>

s t		Shingleton	Mgt. Unit		Repoi	rt 3 '	Treatments		Compartment Year of Entry		OF NATURAL AND SHOWN THE PROPERTY OF THE PROPE
a n d	Treatment Name	Acres	Stand CoverType	Size Density	Stand Age	BA Range	Treatment Type	Treatment Method	Cover Type Objective	Age Structure	Habitat Cut
24	41118024-NI		3105 - Mixed pland Herbaceous	Nonstock	ed		NonForestMgt	Herbaceous/Crop /Grass Planting	310 - Herbaceous Openland		No
Spec Next	s: speci grass	es. Activities					0	on Bullock Ranch fo it/Mast tree planting	, ,		
	<u>ptable</u>										
Other Comr	-										
	Condition osed Start Da	te: 10/1 /202	25								
75	41118075-Cı	ıt 22.0	42210 - Natural Red Pine	Poletimbe Well	er 78	81-110	Harvest	Shelterwood with Retention	429 - Mixed Upland Conifers	Even-Age	d No
Preso Spec		e 30-50BA of the edge of		nportant the	an BA is	spacing,	, focus on makin	g sure the seed tree	es are across the	stand. Leav	e retention
Next Treat	<u>Step</u> Burn, ments:	Slash; Mon	itoring, Natural Re	gen (Re-In	ventory)						
Acce Rege		White, Jack	pine. Spruce, Aspe	en, Maple,	Tamara	ck.					
Other Comr	<u>r</u> ment:										

Total Treatment Acreage Proposed: 693.7

Site Condition Age-Class or Site Quality

Proposed Start Date: 10/1 /2025

Shingleton Mgt. Unit Scott Kentner: Examiner

Compartment: 118
Year of Entry: 2026



Availability for Management

Total	Acres	Acres Avail	Acres	Dominant Site Conditions				s	
Acres	Available	With Condition	Not Available		2D	4A	5C	3J	5E
61	61	0	0	Aspen					
759	759	0	0	Herbaceous Openland				0	0
249	199	43	7	Jack Pine	37		6	7	
558	526	8	25	Lowland Aspen/Balsam Poplar		8		18	7
133	19	114	0	Lowland Conifers		17	96		
1134	1132	0	2	Lowland Shrub					2
7	7	0	0	Lowland Spruce/Fir					
55	55	0	0	Marsh					
127	127	0	0	Natural Mixed Pines					
276	90	170	17	Red Pine			170	17	
1	1	0	0	Sand, Soil					
44	44	0	0	Tamarack					
17	17	0	0	Upland Conifers					
86	86	0	0	Upland Mixed Forest					
21	20	0	1	Upland Shrub					1
12	12	0	0	Urban					
2	2	0	0	Water					
15	15	0	0	White Pine					
3,559	3,173	334	52	Total Forested Acres	37	25	271	43	10
	89%	9%	1%	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.

age/size class diversity or exceptional site quality	ed Unspecified Unspecified	Unspecified	Linoppoified				
Comments:		,	onspecified	82	age/size class diversity or		1
Comments.						Comments:	C

Shingleton Mgt. Unit Scott Kentner: Examiner



2	Available	4A: No Markets Available for these Forest Products	8	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
3	Available	2D: Portable Bridge Needed (Dept. bridge will be adequate)	37	2E: Road needed	Unspecified	Unspecified	Unspecified
	Comments:						
4	Unavailable	3J: Water quality / BMPs (stream, river, or lake)	17	5E: Long-Term Retention	Unspecified	Unspecified	Unspecified
	Comments:						
5	Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
6	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
7	Unavailable	5E: Long-Term Retention	0	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
8	Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
	Comments:						
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Shingleton Mgt. Unit Scott Kentner: Examiner



	3J: Water quality / BMPs (stream, river, or lake)	7	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	5E: Long-Term Retention	3	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	5E: Long-Term Retention	2	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	5E: Long-Term Retention	1	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
Unavailable	3J: Water quality / BMPs (stream, river, or lake)	18	Unspecified	Unspecified	Unspecified	Unspecified
omments:						
	Unavailable omments: Unavailable omments: Unavailable omments: Unavailable omments: Unavailable omments:	Unavailable 5E: Long-Term Retention Unavailable 5E: Long-Term Retention Omments: Unavailable 3J: Water quality / BMPs (stream, river, or lake)	Unavailable 5E: Long-Term Retention 3 Unavailable 5E: Long-Term Retention 1 Unavailable 5E: Long-Term Retention 2 Unavailable 5E: Long-Term Retention 1 Unavailable 3J: Water quality / BMPs (stream, river, or lake) Unavailable 3D: Water quality / BMPs (stream, river, or lake)	Unavailable 5E: Long-Term Retention 3 Unspecified omments: Unavailable 5E: Long-Term Retention 1 Unspecified omments: Unavailable 5E: Long-Term Retention 2 Unspecified omments: Unavailable 5E: Long-Term Retention 1 Unspecified omments: Unavailable 5E: Long-Term Retention 1 Unspecified omments: Unavailable 5E: Long-Term Retention 1 Unspecified omments: Unavailable 3J: Water quality / BMPs (stream, river, or lake)	Unavailable 5E: Long-Term Retention 3 Unspecified Unspecified Omments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Omments: Unavailable 5E: Long-Term Retention 2 Unspecified Unspecified Omments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Omments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Omments: Unavailable 5E: Long-Term Retention 1 Unspecified Unspecified Omments: Unavailable 3J: Water quality / BMPs (stream, river, or lake)	Unavailable 5E: Long-Term Retention 1 Unspecified Unsp

Shingleton Mgt. Unit Scott Kentner: Examiner



16	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
17	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	13	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
18	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
19	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	7	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
20	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	31	Unspecified	Unspecified	Unspecified	Unspecified
Co	omments:						
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Shingleton Mgt. Unit Scott Kentner: Examiner



21	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	5	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
22	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	26	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
23	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
24	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	11	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
25	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	8	Unspecified	Unspecified	Unspecified	Unspecified
C	omments:						
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Shingleton Mgt. Unit Scott Kentner: Examiner



26	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
27	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
28	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	15	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
29	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	6	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
30	Available	4A: No Markets Available for these Forest Products	17	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						
31	Available	5C: Delay treatment for age/size class diversity or exceptional site quality	22	Unspecified	Unspecified	Unspecified	Unspecified
С	omments:						

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				

Shingleton Mgt. Unit Compartment: 118
Year of Entry 2026





* 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	Туре	Description	HCVA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA F	Riparian Area	influences the aquatic ecosystem and vice-ver streams and open water wetlands, riparian are communities are ecologically and socially sign	strial ecosystems in which the terrestrial ecosystem rsa. Because of the unique conditions adjacent to lakes, eas harbor a high diversity of plants and wildlife. Riparian ifficant in their effects on water quality and quantity, as well oduction, and their contribution to overall biodiversity.



Stand	Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
1	6121 -	Tamarack		Poletimb	er Well	8.7	59	81-110	N/A		Very similar to stand 7, which is divided by this stand only by a drainage
	Canopy Species	% Cover	Size Class	s DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	Tamarack stand with some Aspen and Black Spruce mixed in.
	Black Spruce	25	Pole	8	59	Bals	sam Fir	Low	< 5 feet	Sapling	
	Quaking Aspen	10	Pole	7	52	Aspe	n (spp.)	Low	Variable	Sapling	
	Tamarack	65	Pole	7	59	Tag	g Alder	High	< 5 feet	Tall Shrub	
						Black	Spruce	Low	Variable	Sapling	
2	320 - Սբ	oland Shrub)	Nonsto	ocked	2.0	0		Managed C	pening	Live and let pine TS:41-005-16-01 unit 6. a couple of red pine retention trees left scattered.
3	4132 - Asp	en, Jack Pi	ine F	Poletimbe	r Medium	n 4.4	29	1-50	N/A		Mix of Aspen and Jack. Scraggly looking trees, open in areas.
	Canopy Species	% Cover	Size Class	s DBH	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Quaking Aspen	60	Pole	6	29	Tag	Alder	Medium	< 5 feet	Tall Shrub	
	Jack Pine	40	Pole	6		Whi	te Pine	High	< 5 feet	Sapling	
						Aspe	n (spp.)	Medium	< 5 feet	Sapling	
						Jac	k Pine	Medium	< 5 feet	Sapling	
4	4130	- Aspen		Poletimb	er Poor	56.2	25	1-50	N/A		Open stand with patchy young aspen filling in the once open area. Tag
	Canopy Species	% Cover	Size Class	s DBF	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	alder is thick along multiple drainages.
	Jack Pine	10	Sapling	4		Jac	k Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	90	Pole	5	25	Black	Spruce	Medium	< 5 feet	Sapling	
						Тад	g Alder	Full	< 5 feet	Tall Shrub	
						Aspe	n (spp.)	High	< 5 feet	Sapling	
6	42260 - Natural Pi	ine, Mixed [Deciduous	Poletimb	er Well	27.3	35	51-80	N/A		Mixed stand, Aspen with mixed conifer lowland. Lowland area with poor
	Canopy Species	% Cover	Size Class	s DBF	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	growth. North is higher to Jack pine.
	Quaking Aspen	40	Pole	8	35	Тад	g Alder	Medium	< 5 feet	Tall Shrub	
	Red Pine	10	Log	12		Aspe	n (spp.)	Medium	5 - 10 feet	Pole	
	Jack Pine	40	Pole	8		Bals	sam Fir	Medium	< 5 feet	Sapling	
	White Pine	10	Log	14		Black	Spruce	Medium	5 - 10 feet	Pole	
7	6121 -	Tamarack		Poletimb	er Well	35.3	47	81-110	N/A		Patchy stand, some thick patches of aspen. Mostly Tamarack with Blac
	Canopy Species	% Cover	Size Class	s DBF	l Age	Sub-Can	opy Species	Density	Avg. Height	Size	spruce intermixed, pole size stand.
	Black Spruce	25	Pole	7	47	Tag	Alder	High	< 5 feet	Tall Shrub	
	Tamarack	50	Pole	7	47	Black	Spruce	Low	< 5 feet	Sapling	
									.,		1
	Quaking Aspen	25	Log	10	40	Aspe	n (spp.)	Medium	Variable	Sapling	



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	BA Range	Managed S	Site	General Comments
8	6229 - Mixed	d lowland sh	ırub	Nonsto	cked	20.3			Managed O	pening	Drainage, some aspen, full of tag alder.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
							king Aspen	Trace		Sapling	
						Ta	ag Alder	Full		Tall Shrub	
9	6112 - Lo	wland Aspe	n	Sapling	y Well	62.7	17 I	Immature	N/A		Very young aspen, growing back to half aspen and have tag alder.
	Canopy Species	% Cover	Size Class	DBH	Age						TS:41-005-06
	Quaking Aspen	100	Sapling	3	17						
10	42220 - Nat	ural Jack Pi	ine P	oletimber	Medium	36.0	45	51-80	N/A		Open grown Jack Pine with some thicker patches. A few black spruce in
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	clumps.
	Jack Pine	90	Pole	6	45	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Black Spruce	10	Log	14		Já	ack Pine	Low	< 5 feet	Sapling	
						Asp	pen (spp.)	Low	< 5 feet	Sapling	
11	4311 - Pin	e, Aspen M	lix P	Poletimber	Medium	23.1	40	1-50	N/A		open grown Jack Pine stand with thick patches of aspen.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	45	Pole	8		Já	ack Pine	Low	< 5 feet	Pole	
	Jack Pine	55	Pole	7	40	Asp	oen (spp.)	Low	< 5 feet	Sapling	
						R	ed Pine	Low	< 5 feet	Sapling	
12	6126 - Lowl	and Jack Pi	ine	Sawtimbe	er Well	37.4	58	51-80	N/A		Jack pine lowland with aspen in areas. Jack pine is 1-3 sticks.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	18	Pole	9			pen (spp.)	Medium	< 5 feet	Sapling	
	Red Pine	2	Log	12			ag Alder	High	Variable	Tall Shrub	
	Jack Pine	80	Log/Pole	10	58	Ja	ack Pine	Low	< 5 feet	Sapling	
13	310 - Herbac	eous Openl	land	Nonsto	ocked	154.2			No		Open are with grass and very few small trees. Many drainages running through stand.
14	6229 - Mixed	d lowland sh	ırub	Nonsto	cked	31.2	U	Inspecified	No		Drainage, some aspen full of Tag alder.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	
						Ta	ag Alder	Full		Tall Shrub	
						Qual	king Aspen	Medium		Sapling	
16	42220 - Nat	ural Jack P	ine P	oletimber	Medium	15.0	50	51-80	N/A		Jack pine stand with some other species mixed in, some open areas,
	Canopy Species	% Cover	Size Class	DBH	Age		nopy Species	Density	Avg. Height	Size	generally patchy.
	Quaking Aspen	5	Sapling	5		Asp	pen (spp.)	Low	< 5 feet	Sapling	
	White Pine	10	Log	14		Ta	ag Alder	Medium	< 5 feet	Tall Shrub	
	Jack Pine	75	Pole	7	50						
	Red Pine	10	Log	12	00						



Stand	nd Level 4 Cover Type	Type Size Density		ity Acres Stand Age BA Range			Managed S	Site	General Comments		
17	3105 - Mixed Uլ	oland Herba	iceous	Nonsto	cked	335.3			No		Open grassy area, some small scattered trees. Drainages running throughout.
						Sub-Ca	nopy Species	Density	Avg. Height	Size	tilloughout.
						Ja	ack Pine	Medium	5 - 10 feet	Sapling	
18	6112 - Lov	wland Asper	n	Sapling	Poor	120.6	8	Immature	N/A		Live and let pine TS:41-005-16-01 unit 7-9
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
(Quaking Aspen	100	Sapling	2	8	T	ag Alder	High	5 - 10 feet	Tall Shrub	
19	6112 - Lov	wland Asper	า	Poletimb	er Well	49.0	38	51-80	N/A		Lowland aspen with Jack pine in high areas. Many drainages with tag
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	alder.
(Quaking Aspen	60	Pole	8	38	T	ag Alder	Full	< 5 feet	Tall Shrub	
	Red Pine	3	Log	14		Ası	pen (spp.)	Medium	< 5 feet	Sapling	
	Jack Pine	35	Pole	7			ck Spruce	Low	< 5 feet	Sapling	
	White Pine	2	Log	16							1
20	6112 - Lov	wland Asper	n	Poletimb	er Poor	7.6	55	1-50	N/A		Open with scattered Aspen, some tamarack and black spruce scattered.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	Tag alder understory throughout.
	Tamarack	5	Pole	8		T	ag Alder	High	< 5 feet	Tall Shrub	
	Black Spruce	5	Pole	8		Ası	pen (spp.)	High	< 5 feet	Sapling	
(Quaking Aspen	90	Pole	9	55						
21	6126 - Lowl	and Jack Pi	ne P	oletimbei	Mediun	n 29.6	49	51-80	N/A		Jack pine ridge with aspen mixed in, all about 25-30 years old.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
(Quaking Aspen	40	Pole	7	39	Ta	ag Alder	Medium	< 5 feet	Tall Shrub	
	Black Spruce	10	Pole	5		Ası	oen (spp.)	Low	< 5 feet	Sapling	
	Jack Pine	50	Pole	7	49						-
22	6127 - Lo	wland Pine		Sawtimb	er Poor	81.8	80	1-50	N/A		Large open area with tag alder, small ridges scattered throughout stand
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	are where pine is present. Ridges are very small in size, but are dense with large trees. Very wet soil in between ridges, open water even in cold
	Red Pine	60	Log/XLog	16	80	Ta	ag Alder	Full	Variable	Tall Shrub	
	White Pine	40	Log/XLog	18							-
23	6112 - Lov	wland Asper	n	Sapling	Well	15.3	15	Immature	N/A		Tag Alder with some small Aspen around drainage and small pond area.
	Canopy Species	% Cover	Size Class		Age						
(Quaking Aspen	100	Sapling	5	15						
		·	· · · · · · · · · · · · · · · · · · ·				·	·	· · · · · · · · · · · · · · · · · · ·	·	



Stand	d Level 4 Co	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
25	42220 - Nati	ural Jack Pi	ne Pol			10.8	43	1-50	N/A		Jack pine and red pine stand intermixed with each other in pockets.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Stream runs through stand, stand acts as buffer.
	Red Pine	40	Log	10	55	Re	ed Pine	Low	5 - 10 feet	Pole	
	Jack Pine	60	Pole	7	43	Asp	en (spp.)	Low	< 5 feet	Sapling	
						Ja	ck Pine	Low	< 5 feet	Sapling	
26	42220 - Nati	ural Jack Pi	ne Pol	letimbe	r Medium	9.0	35	1-50	N/A		Live and let pine TS:41-005-16-01 unit 5 was not cut.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Jack Pine	90	Pole/Sapling	5	35						
	Quaking Aspen	10	Sapling	3							
27	42210 - Nat	ural Red Pi	ne S	awtimb	er Well	1.3	80	81-110	N/A		Ridge of red pine, mostly 14" and above DBH but some small poles
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	mixed in. Small acreage surrounded by very lowland.
	Red Pine	100	Log	16	80	Re	ed Pine	Medium	10 - 20 feet	Pole	
28	42260 - Natural Pir	ne, Mixed D	eciduous Pol	letimbe	r Medium	22.8	40	51-80	N/A		Mixed Bag of Red pine and Aspen intermixed with Tag Alder understory.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Patchy in some areas with open spots. Uneven aged all species.
	Quaking Aspen	35	Pole	6	40	Ta	g Alder	High	< 5 feet	Tall Shrub	
	White Pine	10	Log	14	70	Asp	en (spp.)	Medium	5 - 10 feet	Pole	
	Jack Pine	35	Pole	6		Ja	ck Pine	Medium	10 - 20 feet	Sapling	
	Red Pine	20	Log	12	80						
29	6122 - Bla	ack Spruce	S	awtimb	er Well	7.2	65	51-80	N/A		Black spruce lowland, drainages.
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	
	White Pine	10	Log	14		Ta	g Alder	Low	< 5 feet	Tall Shrub	
	Black Spruce	60	Log	11	65	Wh	ite Pine	Low	< 5 feet	Sapling	
	Red Pine	10	Log	12		Re	ed Pine	Low	< 5 feet	Sapling	
	Tamarack	20	Log	10							
30	6112 - Lov	vland Asper	n P	oletimb	er Well	65.9	38	51-80	N/A		Large stand, mostly Aspen in lowland areas, with ridges of Jack pine and
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Car	nopy Species	Density	Avg. Height	Size	Red pine running in lines/clumps throughout. Aspen is poor quality. Man drainages throughout stand.
	Red Pine	5	Log	12		Ta	g Alder	Full	< 5 feet	Tall Shrub	
	Jack Pine	30	Pole	8	38	Asp	en (spp.)	Medium	< 5 feet	Sapling	
	White Pine	5	Log	14		Ja	ck Pine	Low	< 5 feet	Sapling	
	Quaking Aspen	60	Pole	9	38						•
31	6126 - Lowla	and Jack Pi	ne P	oletimb	er Well	41.4	55	51-80	N/A		Ridges of pine (mostly Jack Pine) with Aspen filling in the gaps and
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Car	nopy Species	Density	Avg. Height	Size	lowland areas.
	Jack Pine	50	Pole	8	55	Ta	g Alder	Full	< 5 feet	Tall Shrub	
	Red Pine	20	Log	12		Asp	en (spp.)	High	< 5 feet	Sapling	
	iteu i ilie	20	9								



Stand	d Level 4 C	over Type		Size De	ensity	Acres	Stand Age	e BA Range Managed Site		Site	General Comments
32	42290 - Natu	ıral Mixed F	Pine :	Sawtimb	er Poor	16.6	70	1-50	N/A		Open grown Red Pine with a mix of other species intermixed. Short branchy Red Pine.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	branchy Neu Fine.
	Quaking Aspen	15	Pole	6		R	ed Pine	Medium	10 - 20 feet	Sapling	
	Red Pine	55	Log	14	70	Asp	en (spp.)	High	5 - 10 feet	Sapling	
	Jack Pine	25	Pole	8		Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Red Oak	5	Pole/Sapling	g 5		Ja	ick Pine	High	5 - 10 feet	Sapling	
33	42210 - Nat	tural Red P	ine I	Poletimb	er Well	3.2	65	81-110	N/A		dreg/dug out area that grew red and jack pine.
	Canopy Species	% Cover	Size Class	DBH	l Age						
	Red Pine	65	Pole	8	65						
	Jack Pine	35	Pole/Sapling	g 5	32						
35	6229 - Mixed	l lowland sh	nrub	Nonst	ocked	20.8	ι	Jnspecified	No		drainage, surrounded by Tag Alder.
36	6112 - Lov	wland Aspe	en f	Poletimb	er Poor	29.2	40	1-50	N/A		Drainage with scattered Aspen, some in clumps, mostly tag alder, very
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wet.
	Quaking Aspen	90	Pole/Log	9	40	Asp	en (spp.)	Medium	< 5 feet	Sapling	
	Red Pine	10	Log	12		Ta	ag Alder	Full	< 5 feet	Tall Shrub	
37	6112 - Lov	wland Aspe	en F	Poletimb	er Poor	37.7	35	1-50	N/A		Lowland Aspen, very open with many wet areas/drainages. Some
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	scattered species on very small upland areas. poor Aspen, branchy/short.
	Quaking Aspen	80	Pole	7	35	Ta	ag Alder	Full	< 5 feet	Tall Shrub	
	Tamarack	5	Pole	8							
	Jack Pine	5	Log	12							
	Black Spruce	5	Pole	8							
	Red Pine	5	Log	12							
38	42260 - Natural Pi	ne, Mixed [Deciduous Po	oletimbe	r Mediur	n 11.2	72	51-80	N/A		Mix of Jack Pine and aspen. Open areas intermixed with Tag Alder.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	40	Pole	7	32	Ta	ag Alder	Full	< 5 feet	Tall Shrub	
	Jack Pine	55	Pole	8	72	Asp	en (spp.)	Low	< 5 feet	Sapling	
	Red Pine	5	Log	12		Ja	ick Pine	Medium	5 - 10 feet	Pole	
39	6112 - Lov	wland Aspe	en	Sapling	g Well	18.4	15	Immature	N/A		Tag alder lowland along stream. Some small Aspen mixed in. Area was dredged or dug out.
	Canopy Species	% Cover	Size Class		l Age						aroagoa or aug out.
	Quaking Aspen	80	Sapling	3	15						
	Red Pine	20	Log/Pole	10							
40	122 - Road	d/Parking L	ot	Nonst	ocked	12.2	·	Jnspecified			M-28



Stand			Level 4 Cover Type Size Density		ze Density Acres Stand Age BA Range				Site	General Comments
41	42220 - Nat	ural Jack P	ine	Poletimber Well	6.5	45	81-110	N/A		Jack Pine stand, with pockets of thick and/or open patches.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	10	Log	12	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Jack Pine	90	Pole	8 45	R	led Oak	Low	< 5 feet	Sapling	
					Ja	ack Pine	Low	< 5 feet	Sapling	
42	42290 - Natu	ural Mixed F	Pine	Sawtimber Well	1.9	90	51-80	N/A		Ridge with extra-large Red pine and White pine trees with some poles
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	starting to come up around larger trees. Varitity in size class, small acerage.
	White Pine	50	XLog	18	WI	hite Pine	Medium	< 5 feet	Pole	acorago.
	Red Pine	50	XLog	24 90	R	ed Pine	Medium	10 - 20 feet	Pole	
43	42210 - Nat	tural Red Pi	ine	Sawtimber Well	4.4	90	1-50	N/A		Red pine with new poles coming up under older trees.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	XLog	22 90	R	ed Pine	High	10 - 20 feet	Pole	
45	42210 - Nat	tural Red Pi	ine	Sawtimber Well	2.5	90	1-50	N/A		Red pine stand, old logs with new small poles coming in under.
	Canopy Species	% Cover	Size Class	-	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	XLog	20 90	R	ed Pine	High	10 - 20 feet	Pole	
46	42220 - Nat	ural Jack P	ine	Poletimber Well	3.5	52	51-80	N/A		Jack Pine stand, younger/mid-aged.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	10	Sapling	3	Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Jack Pine	90	Pole	9 52						
47	42210 - Nat	tural Red Pi	ine	Poletimber Well	2.0	51	51-80	N/A		Ridge or younger red pine, small acerage.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Oak	5	Pole	9	R	ted Oak	Low	< 5 feet	Sapling	
	Red Pine	95	Pole	8 51						
48	3105 - Mixed Up	pland Herba	aceous	Nonstocked	171.8	L	Inspecified	No		Large upland area, with some very small ridges. red and white pine
					Sub-Ca	nopy Species	Density	Avg. Height	Size	clumps of trees scattered throughout.
					WI	hite Pine	Trace	>20 feet	Log	
					R	ed Pine	Trace	>20 feet	Log	
49	710 - S	Sand, Soil		Nonstocked	1.0	U	Inspecified	No		Sand pit



Stand	Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed S	Site	General Comments
50	42210 - Nat	tural Red Pir	ne	Poletimb	er Well	22.0	70	51-80	N/A		ridge of red pine, all ages in stand. High BA of poles.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	
	Jack Pine	5	Pole	7		Aspe	en (spp.)	Medium	< 5 feet	Sapling	
	Red Pine	90	Pole	7	70	Ta	g Alder	Medium	< 5 feet	Tall Shrub	
	Quaking Aspen	5	Pole	8		Re	d Pine	High	10 - 20 feet	Pole	
51	42200 - Natu	ural White Pi	ine	Sawtimb		3.0	90	1-50	N/A		Small ridge with extreamly large White pine and Red pine. All trees are too big for logs, understory full of White pine.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	too big for logs, understory fail of writte pine.
	Red Pine	20	XLog	20		Wh	ite Pine	High	5 - 10 feet	Sapling	
	White Pine	80	XLog	22	90						
52	42200 - Natu	ural White Pi	ine	Sawtimb	er Well	11.9	90	1-50	N/A		Small ridge with extremely large White Pine and Red Pine, all too large for logs. Full understory of White Pine.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	Tor logs. Fall driderstory or writte Fine.
	White Pine	80	XLog/Log	22	90	Wh	ite Pine	High	5 - 10 feet	Pole	
	Red Pine	20	XLog	20							
53	42210 - Nat	tural Red Pir	ne	Poletimb	er Well	1.9	86	111-140	N/A		Ridge of Red pine, one age of bigger trees with understory of Red pine
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	coming in thick.
	Red Pine	100	Pole	8	86	Re	d Pine	Full	< 5 feet	Sapling	
55	42220 - Nat	ural Jack Pir	ne	Poletimb	er Well	2.9	45	1-50	N/A		Trees planted using planting machine, Spring 2017. Two rows in front and one row behind current row. JP. FTP 41-1674 all planted tree died
	Canopy Species	% Cover	Size Class	DBH	Age						from MDOT mowing of right -a-way for wild parsnip. a few survived north
	Jack Pine	100	Pole	5	45						of the current strip.
56	310 - Herbac	eous Openla	and	Nonsto	cked	4.4			No		Strip next to the Highway.
						Sub-Car	opy Species	Density	Avg. Height	Size	
						Ta	g Alder	Full		Tall Shrub	
57	6229 - Mixed	l lowland shi	rub	Nonsto	cked	25.7	U	nspecified			Transmission line, both low and high areas.
						Sub-Car	nopy Species	Density	Avg. Height	Size	
							g Alder	High	7.1.g. 1.0.g.1.	Tall Shrub	
58	42290 - Natu	ural Mixed Pi	ine S	awtimbe	Mediun	n 13.5	52	81-110	N/A		Pockets of Jack Pine mixed with open areas and patches of lowland
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Car	opy Species	Density	Avg. Height	Size	Aspen and Tag Alder. Some small ridges contain White Pine and Red Pine.
	Jack Pine	55	Pole	8	52		ck Pine	Low	Variable	Pole	T IIIC.
	Quaking Aspen	15	Pole	7		Aspe	en (spp.)	Medium	Variable	Pole	
	White Pine	15	Log	14	90	•	g Alder	High	Variable	Tall Shrub	



Stand			over Type		Size Density		Acres Stand Age BA Range		Managed S	Site	General Comments
59	42290 - Nat	ural Mixed F	Pine	Sawtimbe	er Well	14.0	68	51-80	N/A		Red pine ridge with other pine species mixed in.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Jack Pine	20	Pole	8		Та	ıg Alder	High	< 5 feet	Tall Shrub	
	White Pine	20	Log	14		Ja	ck Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	10	Pole	8		Wh	nite Pine	Medium	< 5 feet	Sapling	
	Red Pine	50	Log	12	68						
60	6239 - Mixed E	mergent W	etland	Nonsto	cked	25.6	l	Jnspecified	No		
61	320 - Սր	land Shrub		Nonsto	cked	7.8	0 (Jnspecified	Managed Op	pening	Live and let pine TS:41-005-16-01 unit 3. no regen per Wld left for grass opening
62	42220 - Na	ural Jack P	ine	Poletimbe	er Well	35.0	48	1-50	N/A		Jack pine stand with a few clumps of red pine. Short Jack pine and prachy, parts are open grown.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	brachy, parts are open grown.
	Jack Pine	90	Pole	9	48	Ja	ck Pine	Low	< 5 feet	Sapling	
	Red Pine	10	Log	12		Та	ig Alder	Medium	< 5 feet	Tall Shrub	
63	6229 - Mixe	d lowland sh	nrub	Nonsto	cked	384.5	l	Jnspecified	No		Scattered trees (red pine, white pine, aspen, spruce, tamarack) mostly tag alder and marshy areas in-between.
64	429 - Mixed	Jpland Con	ifers S	Sawtimber		17.3	68	51-80	N/A		Mix Red pine and aspen stand with openings of Tag alder. Ages vary as well as size of trees.
	Canopy Species	% Cover	Size Class				nopy Species	Density	Avg. Height	Size	well as size of frees.
	Red Pine	40	Log	12	68	Та	ıg Alder	Full	< 5 feet	Tall Shrub	
	White Pine	10	Log	14							
	Jack Pine	5	Pole	7							
	Quaking Aspen	40	Pole	8							
	Black Spruce	5	Pole	7							
65	42210 - Na	tural Red Pi	ine	Sawtimbe	er Well	1.1	92	51-80	N/A		Small ridge of Red pine with some white pine. Trees large in size.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	10	XLog/Log	22		Wh	nite Pine	Low	< 5 feet	Sapling	
	Red Pine	90	XLog	22	92						
66	320 - Up	land Shrub		Nonsto	cked	1.0	0 ι	Jnspecified	Managed Op	pening	Live and let pine TS:41-005-16-01 unit 3. n o regen per Wld turned to grass.



Stand	d Level 4 C	Level 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		General Comments							
67	42290 - Nati			Poletimber	Well	6.4			N/A		Mix of Jack Pine and other pine, pockets of Aspen and Black spruce. Jack pine is variable in size.
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	Jack pine is variable in size.
	Black Spruce	10	Pole	9		Jac	k Pine	Low	< 5 feet	Sapling	
	Quaking Aspen	20	Pole	8		Aspe	n (spp.)	Low	< 5 feet	Sapling	
	Jack Pine	30	Pole	9	59	Tag	Alder	High	< 5 feet	Tall Shrub	
	White Pine	10	Log	14							
	Red Pine	30	Pole	9							
68	42210 - Na	tural Red Pi	ne S	Sawtimber M	edium	6.3	78	51-80	N/A		Red pine mix with low pockets of aspen. Some large white and a few
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	Jack pine.
	White Pine	5	Log	14		Whi	te Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	15	Pole	8		Jac	k Pine	Medium	< 5 feet	Sapling	
	Red Pine	60	Log	12	78	Aspe	n (spp.)	Medium	< 5 feet	Sapling	
	Jack Pine	20	Pole	8		Тад	Alder	High	< 5 feet	Tall Shrub	
69	500	- Water		Nonstock	ed	1.0	U	Inspecified	No		Small pond
70	42210 - Na	tural Red Pi	ne S	Sawtimber M		1.0	73	51-80	N/A		Red pine ridge with older trees
	Canopy Species		Size Class				opy Species		Avg. Height	Size	
	Red Pine	90	Log		73		Alder	Low	< 5 feet	Tall Shrub	
	Quaking Aspen	10	Pole	8		Aspe	n (spp.)	Low	< 5 feet	Sapling	
71	42260 - Natural Pi	ne, Mixed D	eciduous	Sawtimber	Well	13.4	66	81-110	N/A		Red pine with Aspen clones along the edge.
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	
	Red Pine	45	Log	11	66	Aspe	n (spp.)	Medium	< 5 feet	Sapling	
	Quaking Aspen	40	Pole	9		Re	d Pine	Medium	Variable	Sapling	
	Jack Pine	15	Pole/Log	8		Tag	Alder	Medium	< 5 feet	Tall Shrub	
72	42210 - Na	tural Red Pi	ne	Sawtimber	Well	1.2	78	51-80	N/A		Red pine ridge, very small in size.
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	
	White Pine	10	Log	14		Whi	te Pine	Low	< 5 feet	Sapling	
	Red Pine	90	Log	12	78	Re	d Pine	Low	Variable	Sapling	
73	6112 - Lo	wland Asper	ì	Sawtimber	Well	57.9	45	1-50	N/A		Mix of ridges with Red pine and lower areas filled with Aspen. Large
	Canopy Species	% Cover	Size Class	DBH A	ge	Sub-Can	opy Species	Density	Avg. Height	Size	branchy aspen, short open grown lowlands.
	Red Pine	20	Log	12		Aspe	n (spp.)	Low	< 5 feet	Sapling	
	Quaking Aspen	70	Log	10	45	Тад	Alder	High	< 5 feet	Tall Shrub	
	White Pine	10	Log	14							

Shingleton Mgt. Unit Report 7 - Stands



Stand	d Level 4 C	Cover Type		Size Density	Acres	Stand Age B	A Range	Managed S	Site	General Comments
74	42210 - Nat	tural Red P	ine	Sawtimber We	ll 8.4	76				Red pine ridge with low areas and some Aspen.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	70	Log	11 76	T	ag Alder	High	< 5 feet	Tall Shrub	
	Quaking Aspen	30	Pole	8						
75	42210 - Nat	tural Red P	ine	Poletimber We	ll 22.0	78	81-110	N/A		Red pine stand, pole to log size trees.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	Pole	9 78	R	ted Pine	Low	< 5 feet	Sapling	
76	6127 - Lo	wland Pine	•	Sawtimber Poo	or 12.1	72	51-80	N/A		Mixed stand with some open areas. Jack pine is old and open grown.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	35	Pole/Log	9 66	Ası	pen (spp.)	Low	Variable	Sapling	
	Jack Pine	40	Log	10 72	T	ag Alder	Full	< 5 feet	Tall Shrub	
	White Pine	10	Log	10						
	Quaking Aspen	15	Pole	8						
77	42210 - Nat	tural Red P	ine	Sawtimber We	II 1.1	80	51-80	N/A		Red pine ridge, small in size surrounded by Tag alder.
	Canopy Species	% Cover	Size Class	DBH Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	100	Log	12 80	R	ted Pine	Medium	< 5 feet	Sapling	
		1			T	ag Alder	Medium	< 5 feet	Tall Shrub	
78	6127 - Lo	wland Pine		Courting hor Ma	ll 7.3	74	81-110	N/A		Red pine ridge with log size trees.
. 0		wiana i inc	•	Sawtimber We				14// (
. 0	Canopy Species		Size Class			nopy Species	Density	Avg. Height	Size	
	Canopy Species White Pine				Sub-Ca	anopy Species led Pine	Density Low		Size Pole	
		% Cover	Size Class	DBH Age	Sub-Ca			Avg. Height		
79	White Pine Red Pine	% Cover	Size Class Log Log	DBH Age	Sub-Ca			Avg. Height		Lowland drainage with aspen sparsly scattered Jack pine.
	White Pine Red Pine	% Cover	Size Class Log Log	DBH Age 14 12 74 Poletimber Poo	Sub-Ca	led Pine	Low	Avg. Height 5 - 10 feet		Lowland drainage with aspen sparsly scattered Jack pine.
	White Pine Red Pine 6112 - Lov	% Cover	Size Class Log Log	DBH Age 14 12 74 Poletimber Pool	Sub-Ca	Red Pine	Low 1-50	Avg. Height 5 - 10 feet N/A	Pole	Lowland drainage with aspen sparsly scattered Jack pine.
	White Pine Red Pine 6112 - Lov Canopy Species	% Cover 10 90 wland Aspe	Size Class Log Log sin Size Class	DBH Age 14 12 74 Poletimber Pool DBH Age	Sub-Ca	30 anopy Species	Low 1-50 Density	Avg. Height 5 - 10 feet N/A Avg. Height	Pole	Lowland drainage with aspen sparsly scattered Jack pine.
	White Pine Red Pine 6112 - Lov Canopy Species Quaking Aspen	% Cover 10 90 wland Aspe 60 40	Log Log Size Class Pole Pole	DBH Age	Sub-Ca	30 anopy Species	Low 1-50 Density	Avg. Height 5 - 10 feet N/A Avg. Height	Pole	Lowland drainage with aspen sparsly scattered Jack pine. Red Pine stand
79	White Pine Red Pine 6112 - Low Canopy Species Quaking Aspen Jack Pine	10 90	Log Log Size Class Pole Pole	DBH Age 14 12 74 Poletimber Poo DBH Age 7 30 6 Sawtimber We	Sub-Ca or 6.5 Sub-Ca T	30 anopy Species ag Alder	1-50 Density High	Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet	Pole	
79	White Pine Red Pine 6112 - Low Canopy Species Quaking Aspen Jack Pine 42210 - Nat	10 90	Size Class Log Log en Size Class Pole Pole	DBH Age 14 12 74 Poletimber Pool DBH Age 7 30 6 Sawtimber We	Sub-Ca or 6.5 Sub-Ca T 12.7 Sub-Ca	30 anopy Species ag Alder	1-50 Density High 81-110	Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet N/A	Size Tall Shrub	
79	White Pine Red Pine 6112 - Low Canopy Species Quaking Aspen Jack Pine 42210 - Nat	% Cover	Size Class Log Log Size Class Pole Pole ine Size Class	DBH Age 14 12 74 Poletimber Pool DBH Age 7 30 6 Sawtimber We DBH Age	Sub-Ca	30 anopy Species ag Alder 86 anopy Species	1-50 Density High 81-110 Density	Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet N/A Avg. Height	Size Tall Shrub	
79	White Pine Red Pine 6112 - Low Canopy Species Quaking Aspen Jack Pine 42210 - Nat Canopy Species Red Pine	10 90	Size Class Log Log Size Class Pole Pole ine Size Class Log Log Log	14	Sub-Ca T 12.7 Sub-Ca R W	30 anopy Species ag Alder 86 anopy Species ded Pine	1-50 Density High 81-110 Density Low	Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet N/A Avg. Height < 5 feet	Size Tall Shrub Size Sapling	
79	White Pine Red Pine 6112 - Low Canopy Species Quaking Aspen Jack Pine 42210 - Nat Canopy Species Red Pine White Pine	% Cover 10 90 wland Aspe % Cover 60 40 tural Red P 60 40	Size Class Log Log Size Class Pole Pole ine Size Class Log Log Log	14	Sub-Ca	30 anopy Species ag Alder 86 anopy Species ded Pine hite Pine	1-50 Density High 81-110 Density Low Low	Avg. Height 5 - 10 feet N/A Avg. Height < 5 feet N/A Avg. Height < 5 feet < 5 feet	Size Tall Shrub Size Sapling	Red Pine stand



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed 9	Site	General Comments
82	42220 - Nat	ural Jack P	Pine F	Poletimb	er Well	12.7	37	111-140	N/A		Young Jack pine with some sparse clumps of Aspen.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Jack Pine	90	Pole/Sapling	g 6	37	Jac	k Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	10	Sapling/Pole	e 5		Aspe	en (spp.)	Medium	< 5 feet	Sapling	
						Tag	g Alder	Medium	< 5 feet	Tall Shrub	
83	42210 - Nat	tural Red P	ine Sa	awtimber	Medium	n 14.8	84	1-50	N/A		Open Red pine with scattered Aspen.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	s Density	Avg. Height	Size	
	Red Pine	80	Log	12	84	Tag	g Alder	Medium	< 5 feet	Tall Shrub	
	Quaking Aspen	20	Pole/Sapling	5		Re	d Pine	Low	< 5 feet	Sapling	
84	42210 - Nat	tural Red P	ine F	Poletimb	er Well	6.6	84	141-170	N/A		Red pine stand very high BA. Stand was part of a wildfire in 1983.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	s Density	Avg. Height	Size	
	White Pine	10	Log	12		Aspe	en (spp.)	Medium	< 5 feet	Sapling	
	Red Pine	70	Pole	9	84	Tag	g Alder	High	Variable	Tall Shrub	
	Quaking Aspen	20	Pole	9							
85	42210 - Nat	tural Red P	ine S	Sawtimb	er Well	31.1	88	111-140	N/A		Larger stand of nicer Red pine with aspen on edges close to low areas.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Can	opy Species	Density	Avg. Height	Size	
	Jack Pine	5	Pole	8		Whi	ite Pine	Low	< 5 feet	Sapling	
	Quaking Aspen	30	Log	14		Tag	g Alder	Low	< 5 feet	Tall Shrub	
	White Pine	5	Log	10		•	en (spp.)	Low	< 5 feet	Sapling	
	Red Pine	60	Log	14	88	Re	d Pine	Low	< 5 feet	Sapling	
86	6239 - Mixed E	mergent W	etland/	Nonsto	cked	29.9	ı	Unspecified	No		Beavor pond/open water with tag alder and a few Pine islands.
87	6112 - Lov	wland Aspe	en F	Poletimb	er Well	18.2	27	111-140	N/A		Lowland Aspen stand, young in age mixed with Tag alder and a few scattered Red pine trees. fire within stand, 1983.
	Canopy Species		Size Class		Age		opy Species		Avg. Height	Size	'
	White Pine	10	XLog	22	90	Tag	g Alder	High	< 5 feet	Tall Shrub	
	Quaking Aspen	80	Pole/Sapling	_	27						
	Red Pine	10	XLog	20	90						
	42210 - Nat	tural Red P	ine s	Sawtimb	er Well	5.0	80	51-80	N/A		Red pine stand with aspen which is younger in age. Fire within stand, 1983.
88		% Cover	Size Class		Age						.555.
88	Canopy Species										
88	Red Pine	60	Log	12	80						
88			Log Pole Log	12 8 10	80 40						



Stand	Level 4 Co	evel 4 Cover Type Size Density Acres Stand Age BA Range Managed Site		Site	General Comments						
89	42210 - Natu			awtimber			68	1-50	N/A		Red pine looks like a recent shelter wood/seed tree harvest. Very few logs with regeneration coming in under the sparse canopy.
	Canopy Species		Size Class		Age		nopy Species	Density	Avg. Height	Size	Togo min regeneration coming in anace the opered canopy.
	Red Pine	100	Log	10	68	R	ed Pine	High	< 5 feet	Sapling	
						Asp	oen (spp.)	High	< 5 feet	Sapling	
90	42210 - Natu	ural Red Pi	ine	Poletimbe	er Well	3.7	74	51-80	N/A		Red ridge, fringe Aspen. Pole stand. stunted Red pine.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Pine	90	Pole	8	74	R	ed Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	10	Pole	9		Asp	pen (spp.)	Medium	< 5 feet	Sapling	
						Ta	ag Alder	Full	< 5 feet	Tall Shrub	
91	500 -	Water		Nonsto	cked	1.0	1	Unspecified	No		small pond
92	42220 - Natu	ıral Jack P	ine	Sawtimbe	er Well	1.0	79	51-80	N/A		Very old Jack pine stand, small island.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Jack Pine	90	Log/Pole/XLo		79		ag Alder	High	< 5 feet	Tall Shrub	
	Red Pine	10	Log	12			_				
93	6229 - Mixed	lowland sh	nrub	Nonsto	cked	433.8	1	Unspecified	No		Tag alder lowlands, with many wet spots.
						Sub-Ca	nopy Species	s Density	Avg. Height	Size	
						Ta	ag Alder	Full		Tall Shrub	
94	42210 - Natu	ural Red Pi	ine	Sawtimbe	er Poor	11.0	82	1-50	N/A		Red pine ridge, open with tall logs trees and Aspen growing in under.
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	
	Red Pine	100	Log	12	82	Ta	ag Alder	High	< 5 feet	Tall Shrub	
						Asp	pen (spp.)	Medium	< 5 feet	Sapling	
						R	ed Pine	Medium	< 5 feet	Sapling	
95	42210 - Natu	ural Red Pi	ine	Sawtimbe	er Well	7.5	90	141-170	N/A		Red pine ridge, large log size trees, but many poles of smaller red pine
	Canopy Species	% Cover	Size Class	DBH	Age	Sub-Ca	nopy Species	s Density	Avg. Height	Size	coming in the understory.
	White Pine	2	XLog	19		R	ed Pine	High	10 - 20 feet	Pole	
	Red Pine	98	Log	16	90						
96	42210 - Natu			Poletimbe		1.0	79	111-140	N/A		Densely stocked Red pine stand, between log and pole size. Island in the middle of large wet area.
	Canopy Species	% Cover	Size Class	DBH	Age						middle of large wet area.
	Callopy Species										
	Red Pine	100	Pole/Log	9	79						
97						3.6	82	81-110	N/A		Red ridge, large trees.
97	Red Pine	ural Red Pi		9 Sawtimbe			82 Inopy Species		N/A Avg. Height	Size	Red ridge, large trees.



Stand	d Level 4 C	over Type	Size Density	Acres Stand	Age BA Range	Managed S	Site	General Comments
98	42210 - Na	tural Red Pine	Sawtimber Well	3.3 89	141-170	N/A		Two aged stand. Old large trees then 35 year old red pine coming in
	Canopy Species	% Cover Size Clas	s DBH Age	Sub-Canopy Sp	pecies Density	Avg. Height	Size	under mother trees.
	Red Pine	100 XLog	20 89	Red Pine	Full	5 - 10 feet	Pole	
99	6229 - Mixed	d lowland shrub	Nonstocked	128.3	Unspecified	No		Tag alder lowlands.
				Sub-Canopy Sp	pecies Density	Avg. Height	Size	
				Tag Alder	Full		Tall Shrub	
100	42210 - Na	tural Red Pine	Sawtimber Medium	n 5.5 85	1-50	N/A		Ridge of Red pine. older with young Red pine coming in as understory.
	Canopy Species	% Cover Size Clas	s DBH Age	Sub-Canopy Sp	pecies Density	Avg. Height	Size	
	Red Pine	100 Log	12 85	Red Pine	Medium	10 - 20 feet	Pole	
				Tag Alder	High	< 5 feet	Tall Shrub	
101	42210 - Na	tural Red Pine	Sawtimber Medium	n 6.2 78	1-50	N/A		Red pine ridge, open with tall trees, between poles and log sized trees. Aspen and Red pine in the understory.
	Canopy Species	% Cover Size Clas	s DBH Age	Sub-Canopy Sp	pecies Density	Avg. Height	Size	Aspen and Red pine in the understory.
	White Pine	10 Log	14	Red Pine	Medium	< 5 feet	Sapling	
	Red Pine	90 Log	10 78	Aspen (spp.	.) Medium	< 5 feet	Sapling	
102	6229 - Mixed lowland shrub		Nonstocked	17.1	Unspecified			Right-a-way strip along the highway, very wet.
				Sub-Canopy Sp	pecies Density	Avg. Height	Size	
				Tag Alder	Full		Tall Shrub	
103	42210 - Na	tural Red Pine	Poletimber Well	14.6 80	111-140	N/A		Red pine pole stand, young in age.
	Canopy Species	% Cover Size Clas	s DBH Age	Sub-Canopy Sp	pecies Density	Avg. Height	Size	
	White Pine	10 Pole	8	Red Pine	Low	< 5 feet	Sapling	
	Red Pine	90 Pole	7 80	Aspen (spp.	.) Low	< 5 feet	Sapling	
				Tag Alder	Low			
104				ray Alder	2011	< 5 feet	Tall Shrub	
	42210 - Na	tural Red Pine	Sawtimber Well	2.1 80	81-110	< 5 feet	Tall Shrub	Red pine ridge, small in size.
	42210 - Nat	tural Red Pine % Cover Size Clas			81-110		Tall Shrub	
				2.1 80	81-110	N/A		
105	Canopy Species Red Pine	% Cover Size Clas	s DBH Age	2.1 80 Sub-Canopy Sp	81-110 Decies Density	N/A Avg. Height	Size	
	Canopy Species Red Pine	% Cover Size Clas	Sawtimber Well	2.1 80 Sub-Canopy Sp Red Pine	81-110 Decies Density Low 51-80	N/A Avg. Height < 5 feet	Size	Red pine ridge, small in size.
	Canopy Species Red Pine 42210 - Nat	% Cover Size Clas 100 Log tural Red Pine	Sawtimber Well	2.1 80 Sub-Canopy Sp Red Pine 1.9 70	81-110 Decies Density Low 51-80	N/A Avg. Height < 5 feet N/A	Size Sapling	Red pine ridge, small in size.
	Canopy Species Red Pine 42210 - Nat Canopy Species	% Cover Size Clas 100 Log tural Red Pine % Cover Size Clas	Sawtimber Well Bayer Ba	2.1 80 Sub-Canopy Sp Red Pine 1.9 70 Sub-Canopy Sp	81-110 Decies Density Low 51-80 Decies Density	N/A Avg. Height < 5 feet N/A Avg. Height	Size Sapling	Red pine ridge, small in size. Small Red pine ridge. Two aged stand.
	Canopy Species Red Pine 42210 - Nat Canopy Species Red Pine	% Cover Size Clas 100 Log tural Red Pine % Cover Size Clas	Sawtimber Well Bayer Ba	2.1 80 Sub-Canopy Sp Red Pine 1.9 70 Sub-Canopy Sp Red Pine	81-110 Decies Density Low 51-80 Decies Density Low Low Low	N/A Avg. Height < 5 feet N/A Avg. Height Variable	Size Sapling Size Sapling	Red pine ridge, small in size. Small Red pine ridge. Two aged stand.
105	Canopy Species Red Pine 42210 - Nat Canopy Species Red Pine	% Cover Size Clas 100 Log tural Red Pine % Cover Size Clas 100 Log	Sawtimber Well Sawtimber Well Sawtimber Well	2.1 80 Sub-Canopy Sp Red Pine 1.9 70 Sub-Canopy Sp Red Pine Tag Alder	81-110 Decies Density 51-80 Decies Density Low Low Low 1-50	N/A Avg. Height < 5 feet N/A Avg. Height Variable Variable	Size Sapling Size Sapling	Red pine ridge, small in size. Small Red pine ridge. Two aged stand.

Shingleton Mgt. Unit



Stand	Level 4 Cover Type Size Densit			ensity	Acres	Stand Age B	A Range	Managed S	Site	General Comments	
107	42220 - Nat	tural Jack P	ine	Sawtimber Well		5.5	60	81-110	N/A		Jack pine stand 50 years, very dense. Stand along highway.
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species		Avg. Height	Size	
	Red Pine	10	Log	10		Ta	ıg Alder	High	< 5 feet	Tall Shrub	
	White Pine	20	Log	16							
	Quaking Aspen	10	Pole	8							
	Jack Pine	60	Pole/Log	9	60						
108	42210 - Na	tural Red Pi	ne	Sawtimb	er Well	1.1	70	51-80	N/A		Small red pine ridge.
	Canopy Species	% Cover	Size Class	DBH	I Age						
	Red Pine	100	Log	14	70						
109	42210 - Na	tural Red Pi	ne	Sawtimb	er Well	26.4	79	111-140	N/A		Red pine stand, tall nice trees.
	Canopy Species	% Cover	Size Class	DBF	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	10	Log	16		Re	ed Pine	High	Variable	Sapling	
	Red Pine	90	Log	14	79	Та	ig Alder	Medium	< 5 feet	Tall Shrub	
110	4311 - Pin	e, Aspen M	ix	Saplino	g Well	63.1	20	Immature	N/A		Red pine stand that was thinned 20 years ago, now has aspen and red
	Canopy Species	% Cover	Size Class	DBH	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	pine growing in under scattered large red pine. Most of the red pine regen is in old roadbed.
	Jack Pine	5	Pole	8			ck Pine	Medium	< 5 feet	Sapling	is in old toadbed.
	White Pine	5	XLog	18		Re	ed Pine	Medium	< 5 feet	Sapling	
	Red Pine	25	Log	10	70	Wh	nite Pine	Medium	< 5 feet	Sapling	
	Red Pine	25	Sapling	4	20	Asp	en (spp.)	Medium	< 5 feet	Sapling	
	Quaking Aspen	40	Sapling	4	20		(opp.)			55,000	
111	320 - Up	land Shrub		Nonsto	ocked	9.8		Immature 4	4319 - Mixed Up	land Forest	Scattered red pine left as residual, some aspen and red maple just starting to grow in. Does not quite meet forest stand guidelines yet.
112	6127 - Lo	owland Pine		Sawtimb	er Poor	14.5	91	1-50	N/A		Open stand with very spreadout Red pine trees. Subcanopy is Red pine
	Canopy Species	% Cover	Size Class	DBF	I Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	and Aspen coming in full.
	Red Pine	100	Log	14			ed Pine	Medium	< 5 feet	Sapling	
					·	Та	ıg Alder	Full	< 5 feet	Tall Shrub	
						Asp	en (spp.)	High	< 5 feet	Sapling	
113	6229 - Mixed	d lowland sh	nrub	Nonsto	ocked	5.5	U	Inspecified	No		Drainage/low area with tag alder.
							nopy Species		Avg. Height	Size	
					L	Ta	ig Alder	Full		Tall Shrub	
114	42210 - Na	tural Red Pi	ne S	Sawtimbe		n 9.9	76	51-80	N/A		Red pine stand of log sized trees, open in some areas while thicker in others. Varying age classes.
	Canopy Species	% Cover	Size Class		I Age		nopy Species	Density	Avg. Height	Size	outors. varying age classes.
	Red Pine	100	Log	12	76	Asp	en (spp.)	Low	< 5 feet	Sapling	
						Re	ed Pine	Medium	< 5 feet	Sapling	



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age	BA Range	Managed S	Site	General Comments
115	6112 - Lo	wland Asper	n	Sapling	y Well	10.0	8	Immature	N/A		
	Red Maple Quaking Aspen Red Pine	% Cover 25 70 5	Size Class Sapling Sapling Log	2 2 14	8 8 8 85						
116	6229 - Mixed	d lowland sh	rub	Nonsto	cked	59.8			No		Drainage with tag alder
							anopy Species ag Alder	Density	Avg. Height	Size Tall Shrub	
117	6112 - Lo	wland Aspei	n	Sapling	Poor	8.8	8	Immature	N/A	Tall Office	Sean Connery. TS.
117	Canopy Species		Size Class		l Age		anopy Species		Avg. Height	Size	Country, 10.
	Red Pine	15	Log	12	Age		Red Pine	Low	< 5 feet	Sapling	
	Red Maple	20	Sapling	3	8	Jä	ack Pine	Low	< 5 feet	Sapling	
	Quaking Aspen	65	Sapling	3	8		ag Alder	High	< 5 feet	Tall Shrub	
118	6229 - Mixed 42210 - Nat Canopy Species White Pine	tural Red Pi		Sawtimb DBH		2.3	76	Immature 51-80	613 - Lowland M N/A	ixed Forest	Red pine ridge of log sized red pine. Small acerage, wet along power line to stand.
	Red Pine	90	Log	12	76						
120	6112 - Lo	wland Aspei	n P	oletimber	r Mediun	n 34.7	45	1-50	N/A		Lowland Aspen with mixed conifers. A few drainages and some higher
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	ridges of pine. Poor quality aspen.
	White Pine	20	Log	12		T	ag Alder	Full	< 5 feet	Tall Shrub	
	Quaking Aspen	60	Pole	8	45	Ası	pen (spp.)	High	< 5 feet	Sapling	
	Red Pine	20	Log	12							
121	6112 - Lo	wland Aspei	า	Sapling	Poor	4.4	8	81-110	N/A		Sean Conery TS.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Red Pine	5	Log	12		T	ag Alder	High	< 5 feet	Tall Shrub	
	Red Maple	20	Sapling	3		Ja	ack Pine	High	< 5 feet	Sapling	
	Quaking Aspen	75	Sapling	3	8						
122	6112 - Lo	wland Aspei	n	Sapling	Poor	1.3	5	Immature	N/A		Sean Conery TS.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	anopy Species	Density	Avg. Height	Size	
	Red Pine	10	Log	14		Ja	ack Pine	Medium	< 5 feet	Sapling	
	Quaking Aspen	80	Sapling	3	5	T	ag Alder	Medium	< 5 feet	Tall Shrub	
	Red Maple	10	Sapling	3		R	Red Pine	Medium	< 5 feet	Sapling	



Stand	d Level 4 C	over Type		Size De	nsity	Acres	Stand Age B	A Range	Managed Site		General Comments
123	6127 - Lowland Pine		s S	Sawtimb		r 17.4	95	1-50	N/A		A few scattered Pine trees large in size, area full of tag alder and very
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	wet.
	Jack Pine	30	Log	12		Ta	ag Alder	Full	< 5 feet	Tall Shrub	
	Red Pine	50	XLog/Log	20	95						
	Quaking Aspen	20	Log	12							
124	6112 - Lo	wland Aspe	n	Sapling	Poor	10.0	8	51-80	N/A		Sean Connery TS 41
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Quaking Aspen	75	Sapling	2	8	Pi	n Cherry	Low	< 5 feet	Sapling	
	White Pine	2	Log	16		Ta	ag Alder	Low	< 5 feet	Tall Shrub	
	Red Pine	3	Log	16	80						
	Red Maple	20	Sapling	2	8						
125	42220 - Nat	tural Jack P	ine S	Sawtimb	er Well	2.8	80	51-80	N/A		Jack pine stand, older trees, small stand.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	Red Pine	10	Log/Pole/XLog	g 16		Ta	ag Alder	Low	Variable	Tall Shrub	
	Jack Pine	90	Log	12	80	Asp	pen (spp.)	Low	Variable	Sapling	
126	42210 - Na	tural Red Pi	ine P	oletimb	er Well	17.9	65	81-110	N/A		River Buffer of mature pine.
	Canopy Species	% Cover	Size Class	DBH	l Age	Sub-Ca	nopy Species	Density	Avg. Height	Size	
	White Pine	10	Log	12		Ja	ack Pine	Medium	5 - 10 feet	Sapling	
	Red Pine	65	Pole/Log	9	65	Qual	king Aspen	Medium	5 - 10 feet	Sapling	
	Jack Pine	25	Pole	7		W	hite Pine	Low	< 5 feet	Sapling	